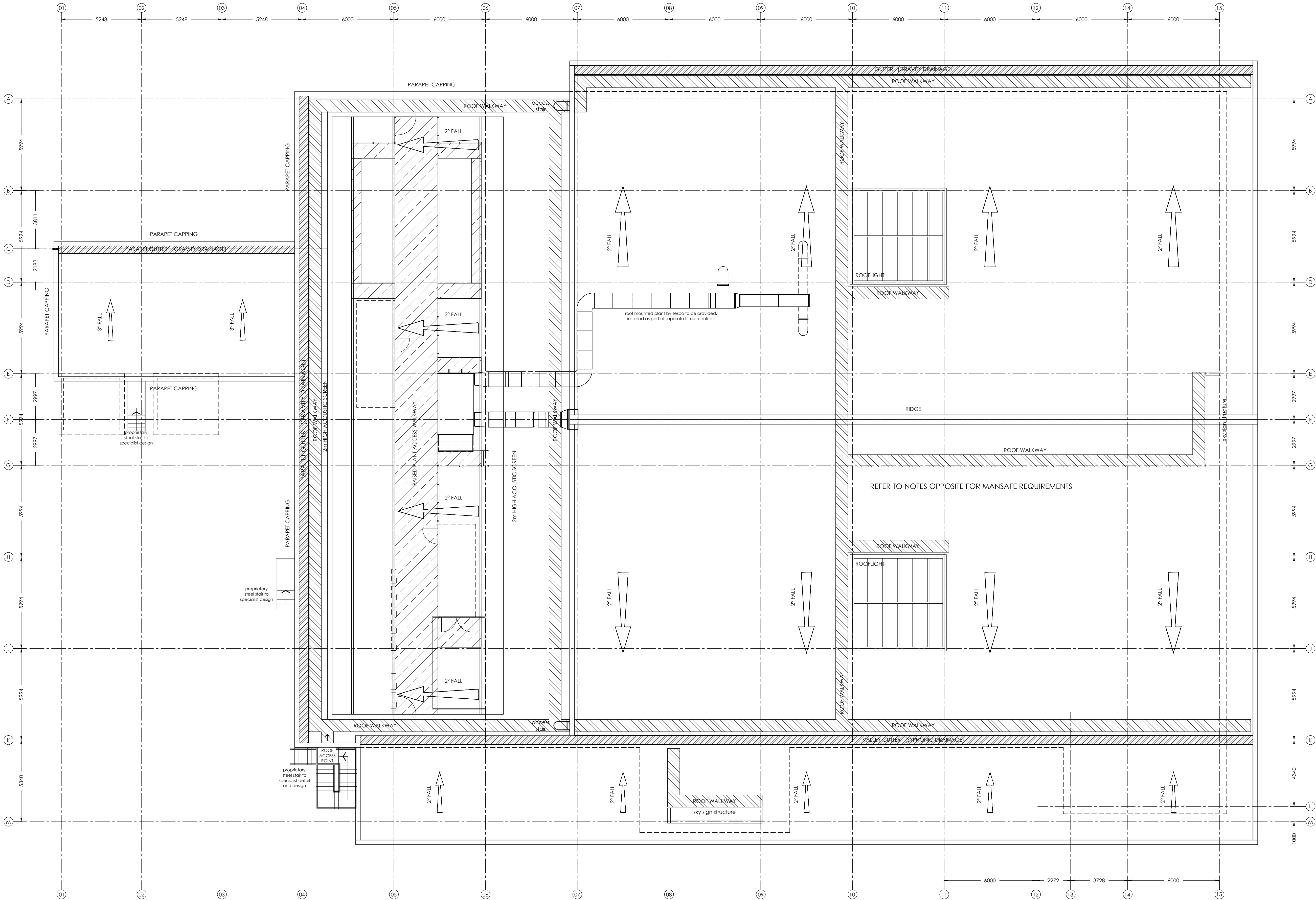




ROOF SPECIFICATION:
KINGSPAN TOPODECK 131000/71/D/ECOSAFE/PCB COMPOSITE MEMBRANE COVERED ROOF
PANELS, INNER SKIN 0.7mm THICK GALVANISED STEEL SHEETS, LINER ENAMEL COATED,
COLOUR: BRIGHT WHITE INTERNAL FINISH, CORE: 11mm THICK ECOSAFE LPC GRADE 'B', FIR
INSULATION (U VALUE 0.25 W/M2), CUTTER CORE: 1.5mm THICK TROCAL SINGLE T.Y.
MEMBRANE, COLOUR: LIGHT GREY.
ALL AS KINGSPAN LTD'S AIA TROCAL DETAILS AND RECOMMENDATIONS AND TO PART 12 OF
THE COMPLIANT RECOMMENDATIONS.

NOTE - A MINIMUM 20 YEAR GUARANTEE IS TO BE PROVIDED TO ALL ROOFS INCLUDING ALL
ANCILLARY PRODUCTS.

ROOF WALKWAY:
1000mm WIDE KINGSPAN ANTI SLIP WALKWAY MEMBRANE (1.5mm THICK) LAID OVER 0.9mm
GALVANISED STEEL PLATE WRAPPED IN FLEECE LAID OVER THE ROOF COVERING WITH PVC
MEMBRANE STRIPS WELDED OVER WITH MINIMUM 40mm OVERLAPS AND 40mm WELDS.

PARAPET TRIMS:
PPC CAP FLASHING TO PARAPET COLOUR RAL XXXX (BLUE), JOINTS TO MATCH GUTLINES AS
INDICATED AND FIXED WITH CONCEALED CLIPS AT MAX. 1000mm CENTRES TO SUPPORTING
FRAME.

MANSATE:
ALL ROOFS TO RECEIVE LATCHWAY MANSAFE FALL RESTRAINT SYSTEM TO INCORPORATE
CONSTANT FORCE POST SUITABLE FOR ALL ROOF TYPES - ALL IN ACCORDANCE WITH
SPECIALIST DESIGN AND DETAILS.

ROOF DRAINAGE:
SYPHONIC DRAINAGE SYSTEM TO COMPLY WITH BSEN 12056 PART 3:2000
WITH A CATEGORY OF RISK OF 2 ALLOWING FOR A DESIGN LIFE OF THE
BUILDING OF 25 YEARS AND A RAIN FALL INTENSITY OF 165.6mm PER HOUR
ALLOW FOR FREE ISSUE OF OUTLETS TO ROOFING CONTRACTOR FOR
FITTING INTO GUTTER.
HOPE TAILPIPPES TO OUTLETS TO BE CONNECTED USING FLEXIBLE COUPLINGS
- TAILPIPPES ARE TO BE CONNECTED TO HORIZONTAL HDPE COLLECTOR MAIN
- ROUTING TO BE AGREED
EACH GUTTER IS TO BE DRAINED VIA THE PRIMARY SYSTEM WHICH IS TO
DRAIN VIA DOWNPIPES.

OUTLETS ARE TO BE GALVANISED MILD STEEL TO BSEN 10025 S275 AND
GALVANISED TO BSEN ISO 1461
PIPEWORK TO BE HIGH DENSITY POLYETHYLENE (HDPE) PERB SDR26

RAINWATER GOODS TO THE REAR OF THE STORE, CMA AND BACK OF HOUSE TO BE UPVC OR
ALUMINIUM GRAVITY SYSTEM. RAINWATER FROM THE MAIN ROOF IS NOT TO BE DISCHARGED
ACROSS THE BULK STORE ROOF DUE TO HEALTH AND SAFETY LEGISLATION AND THE POSSIBILITY
OF FREEZING IN WINTER.

NOTE: BOTH THE SYPHONIC AND GRAVITY GUTTERS, INCLUDING THE OUTLETS / DOWNPIPES /
WEIR OVERFLOWS, NUMBERS AND LOCATIONS ARE TO SPECIALIST DETAIL AND DESIGN AND
ARE SUBJECT TO THE APPROVAL OF THE ARCHITECT.

ROOFLIGHTS:
THE 6000mm x 4000mm ROOFLIGHTS OVER THE SALES AREA ARE TO BE CONSTRUCTED AT A 4
DEGREE PITCH FROM MULTIWALL UV PROTECTED STRUCTURED POLYCARBONATE SHEETS WITH
A NON TRANSPARENT "NANO GEL" CORE, SUPPORTED BY AN ALUMINIUM FRAME AND TRIMS.
THE CONTRACTOR IS TO ALSO PROVIDE ALL UPSTAND KERBS, MEMBRANES, FLASHINGS,
SUPPORTING TRIMMERS, FRAMEWORK SUPPORTS AND AIR SEAL ARRANGEMENT.

REFER TO TESCO DESIGN STANDARD DES2113.

PLANT ROOF RACK:
CONTRACTOR TO PROVIDE A "ROOF RACK" ABOVE THE ROOF LEVEL AS INDICATED,
COMPRISING OF STEEL PEDESTALS, STOOLINGS, TRIMMERS, TRAM TRACKS AND CROSS
BRACING ETC AS AGREED WITH TESCO / STRUCTURAL ENGINEERS DETAILS TO SUPPORT ROOF
MOUNTED PLANT, EQUIPMENT, PLATFORMS AND LOUVRES TOGETHER WITH ALL UPSTANDS,
CURBS AND WEATHERING DETAILS.

NR: EXACT PLANT LOCATIONS AND REQUIREMENTS TO BE CONFIRMED BY TESCO.

ROOF PLANT ACOUSTIC SCREEN:
ROOF MOUNTED PLANT TO HAVE A PERIMETER ACOUSTIC SCREEN INSTALLED BY SHELL
CONTRACTOR IN ACCORDANCE WITH TESCO DESIGN STANDARD DES2113 L10 L75.
NR: HEIGHT TO BE DETERMINED BY ROOF PLANT HEIGHT.

H.	15.04.14	Tesco 'fit out' roof mounted ductwork indicated.	SSL	GH
G.	20.01.14	GL L adjusted to suit GLA requirements.	SSL	GH
F.	07.01.14	U value adjusted to 0.25W/m2K.	SSL	GH
E.	25.11.13	CONSTRUCTION ISSUE (incorporating SSA comments).	SSL	GH
D.	29.04.12	Roof vents and sun pipes removed.	SSL	GH
C.	02.05.12	Updated to align with Tesco / SSA comments.	SSL	GH
B.	13.04.12	Tender issue, roof vents reinstated, walkway added.	SSL	GH
A.	15.03.12	Sun pipes indicated, CMA roof updated.	SSL	GH

Rev	Date	Description	Rev By	Chk'd By
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Project Title
PROPOSED RETAIL DEVELOPMENT
MARKET STREET
WOMBWELL ROAD
HOYLAND

Client
LITTON (WOMBWELL ROAD) LIMITED

Status
CONSTRUCTION

Scale
1:125

Drawing Size
A1

Drawn By
SSL

Checked By
GH

Date
Jan'12

Drawing Title
PROPOSED ROOF PLAN

Job Dwg No
10842 - 215

Rev
H

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ROOF PLAN - 1:125