

DRAINAGE

ALL DRAINAGE WORKS TO CONFORM TO ALL LOCAL REGULATIONS, BSEN 752-3:1997(AMEND.2), BSEN 752-4:1998, BSEN 1610:1998 AND BSEN 12056-3:2000.

EXISTING DRAINAGE TO BE EXPOSED PRIOR TO WORKS TO ALLOW EXACT POSITIONING OF NEW DRAINS TO BE CONFIRMED, ALL NEW DRAINAGE TO BE TESTED AND INSPECTED TO THE SATISFACTION OF THE LOCAL AUTHORITY. CERTIFICATION TO BE PROVIDED BY CONTRACTOR. EXISTING REDUNDANT DRAINS TO BE CAPPED AND SEALED.

NEW DRAINAGE TO BE IN 100MM DIAMETER UPVC UNDERGROUND QUALITY DRAINPIPES LAID AT 1 IN 80 FALLS (SURFACE WATER), WITH HAND/RODDING ACCESS PROVIDED AT HEAD AND CHANGE IN DIRECTION OF DRAIN RUNS. ALL NEW FITTINGS TRAPPED AS REQUIRED. GRANULAR MATERIAL FOR USE IN BEDDING PIPES TO COMPLY WITH BS 882:1983. DRAINS PASSING UNDER BUILDINGS TO BE SURROUNDED IN A MINIMUM OF 100MM GRANULAR FILL. WHERE DRAINS PASS THROUGH A WALL OR FOUNDATION OPENINGS TO BE FORMED AROUND PIPES WITH UNITS OVER. WHERE A DRAIN PIPE IS WITHIN 1M OF A BUILDING THE TRENCH IS TO BE FILLED WITH CONCRETE TO AT LEAST THE LEVEL OF THE UNDERSIDE OF THE ADJACENT FOUNDATION.

INSPECTION CHAMBERS TO BE STANDARD POLYPROPYLENE CONSTRUCTION WITH CAST IRON COVERS.

INSPECTION CHAMBERS TO HAVE MINIMUM INTERNAL DIAMETER OF 450MM AND CONSTRUCTED IN ACCORDANCE WITH BS 8301.

COVER TO DRAINS: BELOW VEHICULAR ACCESS - 1.2M MIN.
GARDEN GROUND/FOOT TRAFFIC - 0.6M

WHERE GROUND COVER BELOW MINIMUM REQUIREMENT, DRAINPIPE TO BE ENCASED IN CONCRETE.

WHERE MINIMUM COVER CANNOT BE ACHIEVED, PIPE BEDDING TO BE REPLACED WITH C20P/20 CONCRETE SURROUND. PIPES TO BE LAID IN MAX. 3M LENGTHS WITH 25MM THICK BITUMEN IMPREGNATED COMPRESSIBLE FIBRE BOARD OR EQUIVALENT AT EACH PIPE JOINT. THIS IS TO ACCOUNT FOR THE FLEXIBLE NATURE OF THE PVCU PIPES WHICH ENABLES THEM TO ACCOMMODATE GROUND MOVEMENT AND OTHER DIFFERENTIAL SETTLEMENT THAT MAY OCCUR UNDER NORMAL CONDITIONS.

PADEL COURT BASE

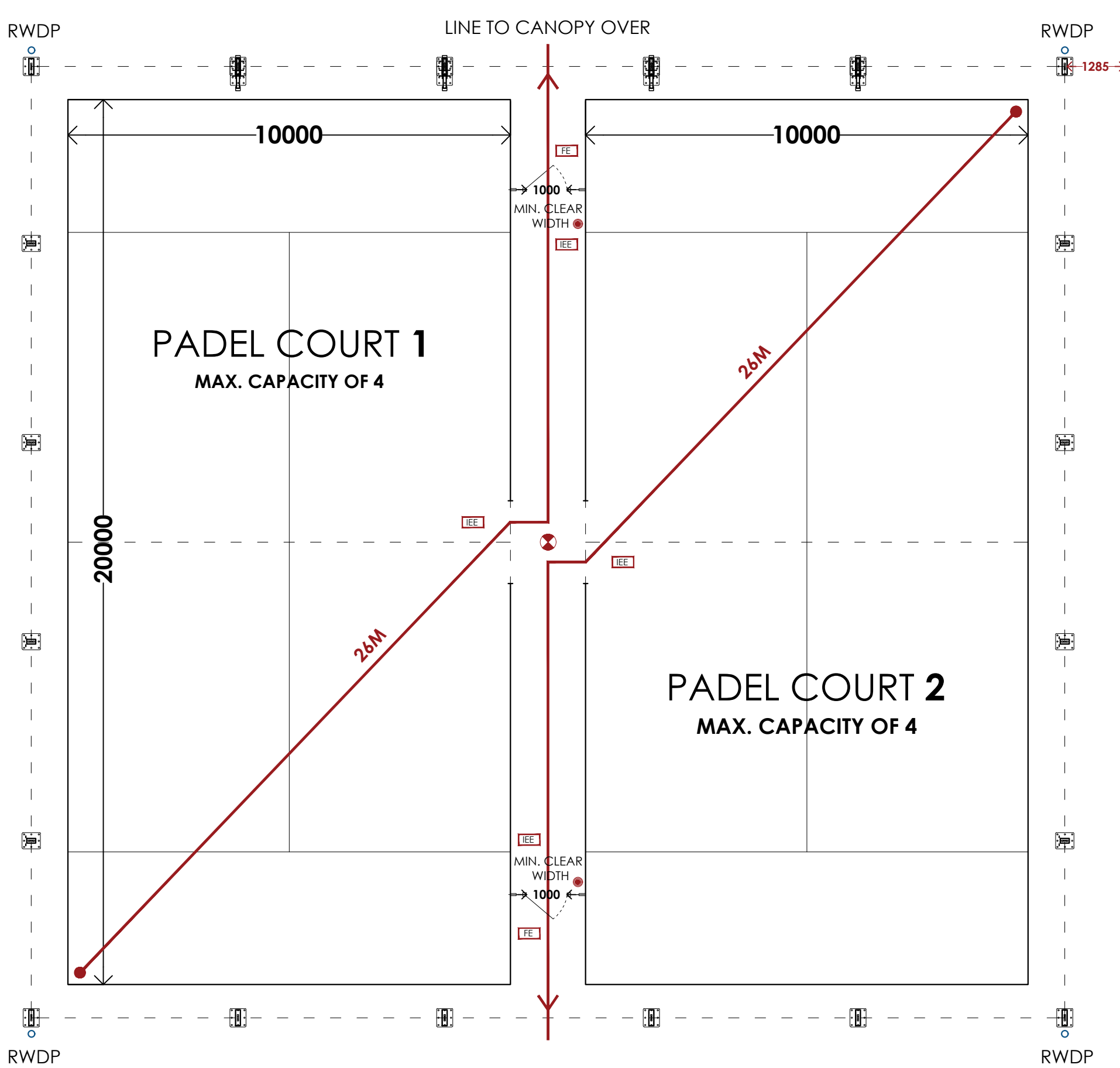
PREPARATION: ASSUMED FORMATION PROVIDED BY OTHERS WITH MINIMUM CBR OF 5% OR GREATER. FINISH ASSUMED TO BE STONE CAPPING OR SIMILAR.

RING BEAM: INSTALL NEW REINFORCED CONCRETE RING BEAM TO PADEL COURT PERIMETERS INCLUDING ALL FORMWORK AND FINISHING. AS PER PADEL TECH DESIGN.

GEOTEXTILE MEMBRANE: LAY ONE LAYER OF TERRAM 1000 OR EQUIVALENT TO FORMATION LEVEL.

FOUNDATION: SUPPLY AND SPREAD 175MM CONSOLIDATED DEPTH OF 28/40MM CRUSHED STONE, RAKED TO TRUE LEVELS. SUPPLY AND SCREED THEREON 25MM CONSOLIDATED DEPTH OF 14MM CRUSHED STONE GIVING A TOTAL DEPTH OF 200MM. THE FOUNDATION TO BE COMPACTED IN LAYERS USING A TANDEM ROLLER.

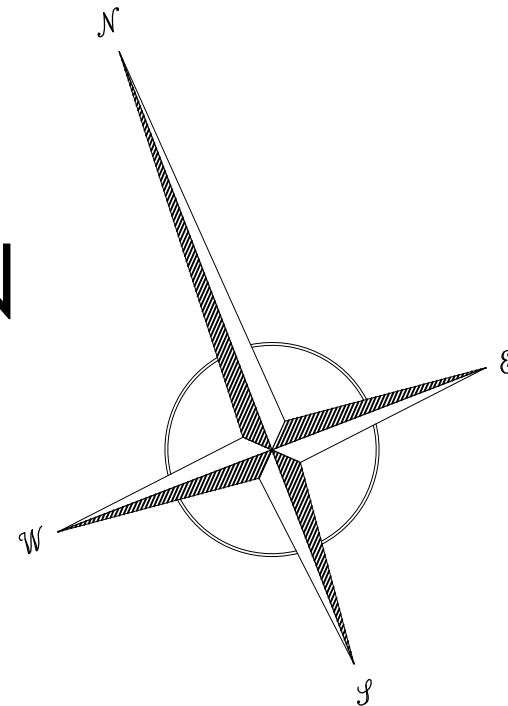
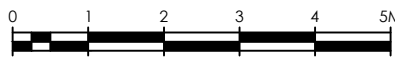
BASE: SUPPLY AND LAY THE DOE VICEROY '65' SURFACE CONSISTING OF A 40MM NOMINAL CONSOLIDATED DEPTH OF PERVIOUS BASE COURSE MACADAM, RAKED TO TRUE LEVELS AND THOROUGHLY ROLLED. SUPPLY AND SCREED THEREON BETWEEN BARS. IN BAYS. A 25MM NOMINAL CONSOLIDATED DEPTH OF 6MM PERVIOUS WEARING COURSE MACADAM THOROUGHLY ROLLED AND CROSS ROLLED TO GIVE A TOTAL NOMINAL CONSOLIDATED DEPTH OF 65MM



LINE TO INDOOR TENNIS HALL (MAX. CAPACITY OF 60)
EXISTING FIRE ALARM TO INDOOR TENNIS HALL TO BE INTERLINKED WITH ALARM SYSTEM TO PROPOSED PADEL COURTS ADJACENT

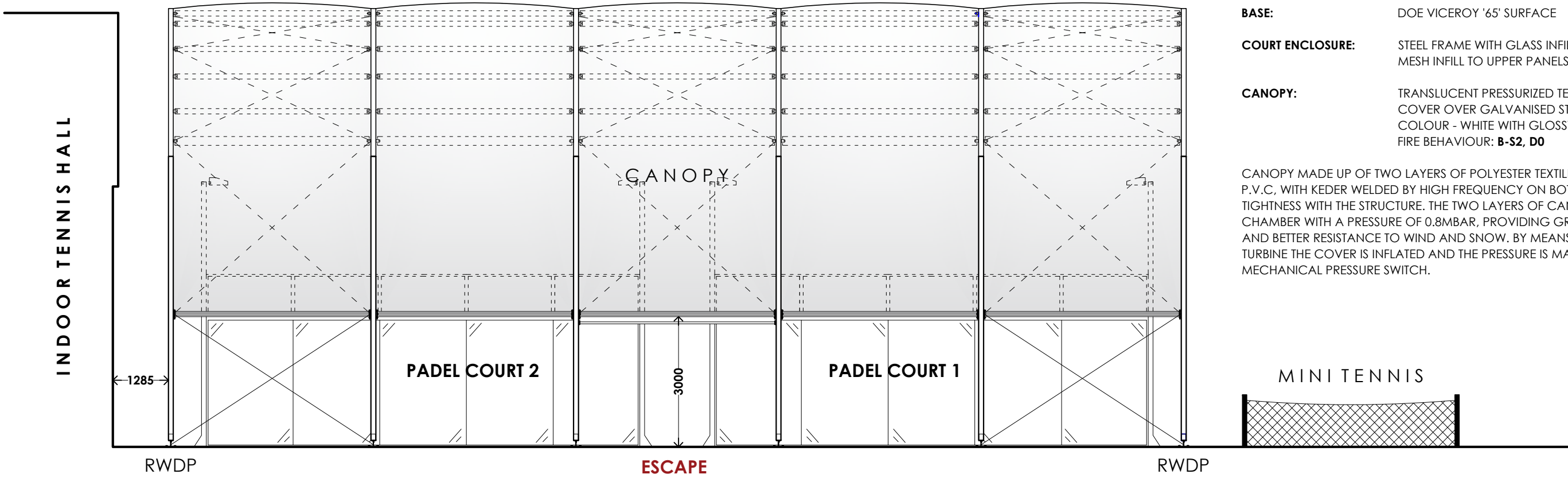
NOTE: PLEASE REFER TO CONSULTANT ENGINEERS DRAWINGS AND SPECIFICATION FOR FULL DETAILS OF COURT PERIMETER SCREENS/ FENCING AND STRUCTURE TO NEW SIDE WALLS/CANOPY OVER.

PADEL COURT LAYOUT PLAN
SCALE - 1:100



ES	NON-MAINTAINED ILLUMINATED EMERGENCY EXIT SIGNAGE WITH DIRECTIONAL ARROWS/ SYMBOLS COMPLYING TO BS 5266 WITH 3 HOUR EMERGENCY PACK.
EL	EXTERNAL BULKHEAD LUMINAIRE WITH 3 HOUR EMERGENCY PACK
	INDICATION OF ESCAPE ROUTES TO TAKE OCCUPANTS OUTWITH EXTENT OF CANOPY OVER
FIRE ALARM SYSTEM	
	MANUAL BREAK GLASS CALL POINTS (TYPE A)
	ALARM SOUNDERS (INTERLINKED INDOOR TENNIS HALL ADJACENT)
NOTE: MANUAL CALL POINTS AS SPECIFIED IN BS EN 54: PART 11: 2001 SHOULD BE INSTALLED IN BUILDINGS AND SITED IN ACCORDANCE WITH BS 5839: PART 1:2017. MANUAL CALL POINTS INSTALLED AT ALL FINAL EXITS, ENSURING OCCUPANTS HAVE TO WALK NO FURTHER THAN 45M TO REACH A CALL POINT FROM ANY AREA OF BUILDING.	
ALL IN ACCORDANCE WITH APPROVED DOCUMENT B SECTION 1.	
ESCAPE	
OCCUPANT CAPACITY:	ONLY 4NO. PEOPLE WILL BE ON EACH COURT AT ANY ONE TIME (TOTAL OF 8).
NO. OF EXITS:	2NO.
TRAVEL DISTANCE:	MAXIMUM 45M IN ACCORDANCE WITH APPROVED DOCUMENT B SECTION 2 TABLE 2.1 FOR PURPOSE GROUP 5(C) HAVING MORE THAN 1NO. ESCAPE ROUTE.
ESCAPE ROUTE WIDTH:	MIN. 750MM IN ACCORDANCE WITH APPROVED DOCUMENT B SECTION 2 TABLE 2.2 FOR OCCUPANT CAPACITY BELOW 60.

COLOUR OF CANOPY - WHITE



SCHEDULE OF FINISHES

BASE: DOE VICEROY '65' SURFACE

COURT ENCLOSURE: STEEL FRAME WITH GLASS INFILL TO LOWER PANELS AND MESH INFILL TO UPPER PANELS

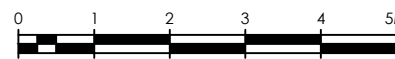
CANOPY: TRANSLUCENT PRESSURIZED TEXTILE MEMBRANE COVER OVER GALVANISED STEEL FRAME
COLOUR - WHITE WITH GLOSSY EXTERIOR FINISH
FIRE BEHAVIOUR: **B-S2, D0**

CANOPY MADE UP OF TWO LAYERS OF POLYESTER TEXTILE MEMBRANE COVERED WITH P.V.C. WITH KEDER WELDED BY HIGH FREQUENCY ON BOTH SIDES TO GUARANTEE TIGHTNESS WITH THE STRUCTURE. THE TWO LAYERS OF CANVAS FORM AN AIR CHAMBER WITH A PRESSURE OF 0.8MBAR, PROVIDING GREAT THERMAL INSULATION AND BETTER RESISTANCE TO WIND AND SNOW. BY MEANS OF A LOW CONSUMPTION TURBINE THE COVER IS INFLATED AND THE PRESSURE IS MAINTAINED WITH A MECHANICAL PRESSURE SWITCH.

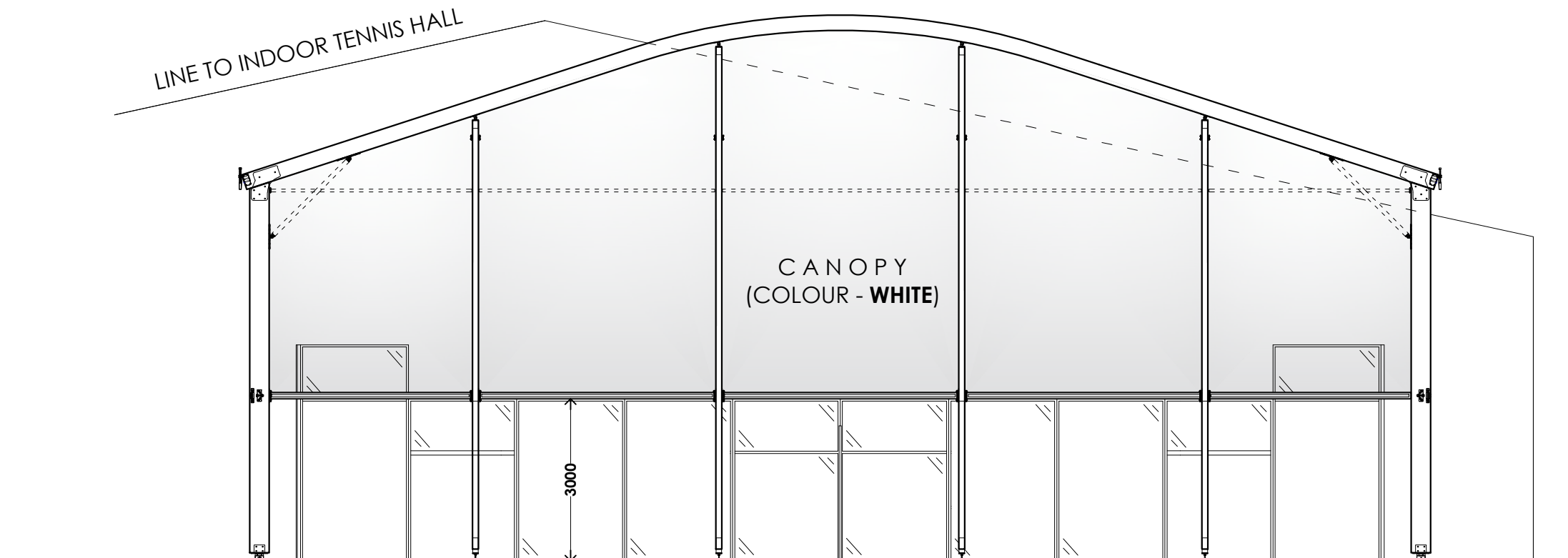


NOTE: CANOPY MATERIAL EXTENDED DOWN TO GROUND LEVEL ON EAST ELEVATION, ADJACENT TO INDOOR TENNIS HALL

ELEVATIONS
SCALE - 1:100

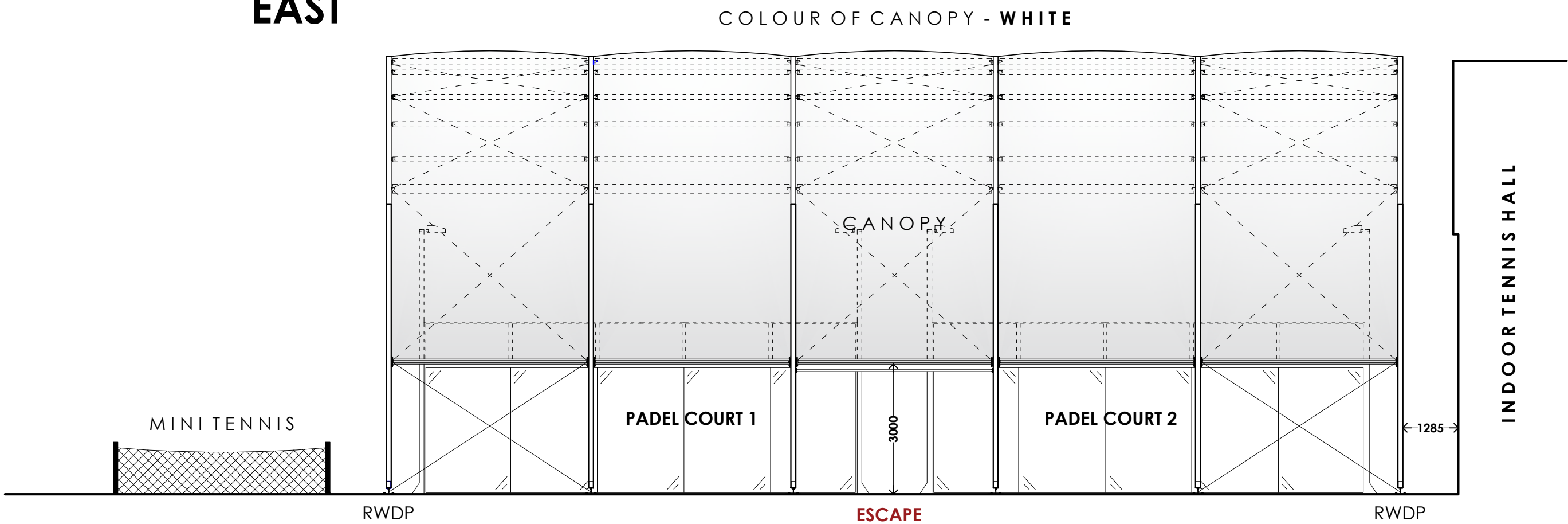


NORTH



WEST

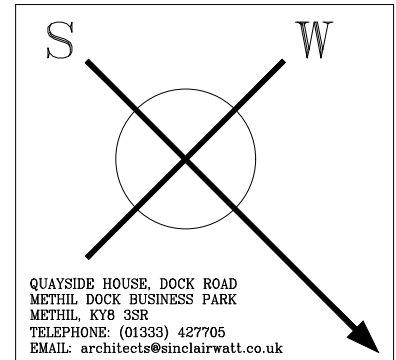
EAST



SOUTH

NOTE: PLEASE REFER TO DRAWING NO. C.1133 AL (0) 04 FOR PADEL COURT ENCLOSURE DETAILS.

SINCLAIR WATT
CHARTERED ARCHITECTS



CLIENT
GAME4PADEL

PROJECT
PROPOSED ERECTION OF CANOPY COVERED PADEL TENNIS COURTS AT: DRAYCOTT SPORTS CENTRE, CRESWELL LANE, DRAYCOTT IN THE MOORS, STAFFORDSHIRE, ST11 9AF

DRAWING
PADEL COURT GENERAL ARRANGEMENTS

DRAWN
H.V.
CHECKED
I.M.
DATE
MAY '22
SCALE:
AS SHOWN @ A1

DRAWING NO.
C.1133 AL (0) 103