

SCALE 28 MEDICAL AND DENTAL ACCOMMODATION

GENERAL

1 This scale is to be read in conjunction with Scales 1, 40, 45, and 47, and with the appropriate NHS Estates Health Building Notes, Health Technical Memoranda, and other NHS publications as required. It contains the following parts which may be used individually or in combination:

PART 1 Unit Medical Centre;
PART 2 Sick Quarters (RN)/ Medical Reception Station(MRS)
(Army)/ Regional Medical Centre(RAF);
PART 3 Child Welfare Clinic;
PART 4 Dental Treatment Accommodation;
PART 5 Staff Facilities;
PART 6 Out-Patient Facilities.

2 The number of consulting suites (Serial 42), including provision for practice nurses, is to be agreed at project brief stage.

BEDDED ACCOMMODATION

3a The facilities in Part 2 of the scale will be associated with those of Part 1. They are provided in accordance with MOD medical policy to serve a catchment area when they can be justified by the local Service population density.

3b Their role is:

i To hold patients for up to 72 hours, after which those not fit for discharge are transferred to hospital; and

ii For the treatment of short term patients, such as those in isolation for minor infectious diseases, non-infectious cases (such as sporting injuries or minor accidents at work which require treatment by bed rest but are not sufficiently serious to warrant admission to hospital), and for post-hospital recuperative care for those unable to be discharged home.

3c Usually, at least two single rooms, each with toilet and bath facilities en-suite, are to be provided. If more than 2 single rooms are provided, sharing toilet and bath facilities should be considered. Any additional beds provided should be in bays or wards of not more than six beds, with the ability to provide segregated male/female accommodation.

3d Meals for in-patients will normally be provided from the unit's main kitchens using a meals delivery system, so it is desirable to site the accommodation reasonably close to a Mess. When meal delivery is impractical, kitchen facilities at a reduced scale may be provided in accordance with Annex A. The advice of the relevant Kitchen Design and Equipment Adviser (KDEA) should be sought at an early stage.

FAMILIES MEDICAL CARE IN THE UK AND OVERSEAS

4a The treatment of dependants in the UK is usually the responsibility of NHS Civilian Medical Practitioners, but dependants are accepted for Service medical attendance where there is a GP vocational training commitment. Dependants are not provided with in-patient care in the UK. Overseas all dependants are registered for medical care by the Service Medical Authorities.

4b In the UK, Child Welfare Clinics are the responsibility of the Department of Health, but in some areas, particularly where the Service dependant population is high, Child Welfare Clinics may, with the agreement of the Local Health Authority and with Treasury approval, be set up. Overseas, Child Welfare Services and domiciliary visiting are provided by SSAFA Nursing Services.

GROUP PRACTICES

5 Group Medical Practices consist of at least 2 Medical Officers. RAF stations and RN establishments will generally be large enough to require 2 or more Medical Officers, but for the Army, Group Practices, where established, will often serve more than one unit. For those units included on the dependency of a Group Practice, the facilities in the unit lines will be reduced to a First Aid Room (refer to Scale 45).

SCALE 28**COMBINED FACILITIES**

6 Where both Medical and Dental Centres are required the two will normally be co-located, and waiting areas should be combined where convenient. Separate staff facilities will be required.

SPECIAL FACILITIES

7a Radio Diagnostic and Physiotherapy Facilities may be provided where the estimated numbers under medical care and the location of the unit justify such provision. Where a physiotherapy department is to be provided, its size should be related to the number of physiotherapists likely to be on duty at any one time. Whilst it is important, for medico-legal reasons, that all specifications are approved in advance by the Service medical authority, an area of 36m², divided into 2 cubicles, and an exercise area, with appropriate fixtures and fittings, lighting, power and plumbing is considered to be the minimum requirement for one physiotherapist. Storage space for treatment machines, crutches, etc is also required. For most locations, 6m² should be adequate.

7b Where X-ray facilities are to be provided or replaced, action should be taken in accordance with JSP 392 Chapter 12 (Instructions for Radiological Protection), and the Defence Radiological Protection Service should be consulted at an early stage in planning.

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7c Environmental protection measures required under local legislation in UK or overseas are to be complied with.

MORTUARIES

8 Where, exceptionally, mortuaries are required, the scale of provision should be determined at project brief stage.

CURTAINS

9 Fixed batten with curtain rail/track is to be provided in rooms where curtains are authorised. Privacy curtains surrounding examination areas should be of material that is easily laundered or dry cleaned.

GLAZING

10 Obscure glazing is to be provided to the windows of clinical treatment, examination and medical consulting rooms, and in dental surgeries where they are overlooked. Obscured glazing should be considered for ground floor wards. Venetian blinds should not be provided because of associated hygiene problems, but vertical slatted blinds are acceptable. On flying stations, rooms needing quiet conditions should be provided with acoustic windows and sound insulation.

OFFICES

11 Scale 45 applies.

CLINICAL WASTE

12 Clinical waste is to be stored in a dedicated, lockable area that is protected from infestation. Disposal arrangements are to be identified at project brief stage.

FLOORING

13 Floors other than in offices, staff rest rooms and patient day rooms are to have a non-slip cleanable surface with welded coved edges where the floor meets walls or cupboard bases, as should the examination area of consulting rooms. Tiled floors are not recommended.

SURFACES OTHER THAN FLOORING

14 All surfaces should be smooth, impervious and easily cleanable. Work surfaces should be of scratchproof impervious material with rolled edges and a minimum of joints. Those joints that do exist are to be hermetically sealed. Edges of work surfaces are to be sealed at the wall.

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OUTPATIENT FACILITIES

15 Where outpatient facilities are to be provided, they should be based on comparable elements of Parts 1 and 4 of the Scale as appropriate.

SUB-TROPICAL AND TROPICAL INCREMENTS

16 Accommodation subject to increments over Home scales (see Scale 1)

Serial	Sub-Tropical	Tropical
51	plus 1.9m ²	plus 1.9m ²
63a	plus 1.4m ²	plus 3.7m ²
64	plus 0.9m ²	plus 3.3m ²
35-37,)		
39-42,)		
44-45,48)		
61-62,)		
71,81-82)	plus 12.5%	plus 33.3%
91-98,)		
100-102)		
113)		

CLEANER'S ROOMS

17 Cleaner's rooms are specified at Serials 50 (for the Medical Centre) and 103 (for the Dental Centre). Additional

cleaner's rooms may be provided where required to prevent cross-infection.

INTER-COMMUNICATION AND IT SYSTEMS

18 A simple call forward system may be provided. A requirement for a two way inter-communication system (not Works supply), in lieu, must be justified, with provision normally only for large Medical and Dental Centres. Where inter-communication systems are authorised, the necessary power supplies and cable ducting should be provided as part of the works service. Where medical and dental departments are co-located, provision should be made for dedicated communications between them in case of a medical emergency in the dental chair.

19 Trunking for cabling for an internal computer network should be provided to all treatment and administrative areas plus library, duty room, dispensary and medical stores as a minimum.

EMERGENCY LIGHTING

20 The need for emergency lighting and the type required will depend on the function and design of the building. Emergency lighting to facilitate safe evacuation of the building is to be provided to the requirements of the Fire Officer.

MEANS OF ESCAPE

21 Particular attention is to be given to the provision, design and indication of means of escape for non-ambulant patients. Doors should be of sufficient width to permit egress of beds, and ramps should be provided.

FIRE ALARM SYSTEM

22 Care must be taken to ensure that the fire alarm can be heard in the Audiometric and consulting rooms.

23 Door restraint mechanisms linked to the fire alarm system may be used, but refer to Crown Fire Standard C3 for details of application.

EMERGENCY ALARMS

24 Alarm pull cords for use in emergencies are to be provided in all patient toilet and ablution areas.

25 "Panic Alarms" are to be provided in all patient treatment areas and consulting rooms, and the provision of remote alerts to the Guard Room should be borne in mind .

POWER SUPPLIES

26 Socket outlets in all treatment areas should be located above the work surfaces.

DENTAL CENTRES

27 HQ DDA (SO3 Res EM) should be consulted during the planning stages of new Dental Centres, and will confirm requirement for Recovery, Orthopantomograph and CSSD rooms. (serials 95,101 and 107). Centres should be zoned into three areas, clinical, administrative and staff (which should not be accessed via patient waiting areas).

28 -30 Spare

PART 1 - MEDICAL CENTRE

Accommodation	Area	M & E Services	Planning Notes Special Fittings etc
(a)	(b)	(c)	(d)
31 Outside Area	To be related to requirements (does not attract area addition)	<p>Illumination - 50 lux for entrance and covered areas; 30 lux for ambulance park and 10 lux for car park.</p> <p>Electric Power - External power socket outlet(s) for use by ambulance (to run ambulance interior heaters when necessary).</p> <p>Power supply - as required for trickle charger.</p>	Car parking for staff and duty vehicles as required. Ambulance swing-round access to casualty entrance with covered patient off-loading space. Ramped approach to entrance hall 2.4m wide. Covered area for prams. If required, the covered parking for ambulances provided under Scale 27 may be sited next to the Medical Centre.
32 Trolley/Wheel Chair Bay	Capable of holding 1 trolley and 1 wheel chair	<p>Illumination - 150 lux</p> <p>Heating - 16.0°C</p>	May be planned as bay in corridor, adjacent to casualty access points.

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
33 Entrance Hall and Corridors	To be provided out of area addition	<p>Illumination - 175 lux for entrance hall and 150 lux for corridors. Supplementary lighting over mirror and notice boards.</p> <p>Electric Power - One 13A double socket outlet to every 37m² of floor space or to every 12m run of corridor.</p> <p>Heating - 16.0°C.</p>	Night call bell push and external light at main entrance. Separate entrance may be provided when bedded accommodation is included. Corridors to be wide enough to permit easy passage for stretchers and trolley cots, and have wall buffers and corner protection. Easy access, by wheel chair or trolley cot, to the treatment room is to be provided. Notice boards, mirror, and direction signs as required.
34 Reception Area	15.0m ² (includes counter and queue space)	<p>Illumination – 350 lux</p> <p>Electric Power - Two 13A double socket outlets.</p> <p>Heating - 18.5°C.</p>	Sited to cover entrance hall, between it and the waiting area. Purpose made reception counter. Adjacent to Serial 35.
35 Medical/Documents Office			Refer to Scale 45.
36 Practice Manager's Office			Refer to Scale 45.

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
37 Waiting Space	6 Seats per consulting room. Area of 1.3m ² per seat. Play area (4.5m ²) for families clinics	Illumination - 200 lux Electric Power - One double 13A power socket. plus others as required for TV/Video and other equipment used for health promotion purposes. Heating - 18.5 ⁰ C.	Notice boards and direction signs as required.
38 Toilet Area (out-patients)	To be provided out of area addition MALE FEMALE WC Urinal WHB WC HB 2 1 1 1 1 DISABLED (UNISEX) WC 1 WHB 1	Refer to Scale 1 Annex B	Easily accessible from, but not leading directly off, waiting space. Fixtures and fittings are detailed in Scale 1 Annex B.
39 Preliminary Examination Room (with Urinalysis facility)	15.0m ²	Illumination - 350 lux. Limiting glare index 16. 500 lux for sight testing wall charts. Electric Power - One 13A double socket outlet and outlets as required for each	Adjacent to Treatment Room. Urinalysis facility to be a separate compartment, provided with a WC (fixtures and fittings are given in Scale 1 Annex B). Sanitary disposal facilities are required

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
39 contd		item of electrical equipment Heating - 21.0°C for Examination Room, 18.5°C for WC. Ventilation of WC - refer to Scale 1 Serial 40. Water Supply - Hot and cold.	0.3m x 0.3m laboratory sink with draw off taps; work bench with cupboard and drawer beneath. Where eyesight testing can be carried out by using a mirror with reversed test types 3.3m room length is required. Units with a FEMO responsibility will require a 6.0m facility with total light exclusion for testing colour vision. Lockable storage for urinalysis equipment.
40 Casualty Reception Room	18.0m ²	Illumination - 350 lux One socket outlet for supplementary lighting at each bench working position. Electric Power - Three 13A double socket outlets, and outlets as required for each item of electrical equipment	To be easily accessible from entrance for stretchers. Suitably partitioned for reception & treatment. Space for couch, accessible from all sides, with a ceiling or wall mounted adjustable lamp capable of use at couch level and at both ends of the

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
40 contd		<p>Heating - 21.0°C - to be maintained throughout the year.</p> <p>Water Supply - Hot and cold.</p>	<p>couch. One sink with integrated draining surface, elbow operated taps and splashback. Surgeon's wash hand basin with self-mixing unit, elbow operated taps and splashback. Both to have fittings for MOD supplied paper towel and soap dispensers. Space under sinks to be left open. When required, on window wall a run of work benching 0.5m wide by 0.9m high with two kneeholes, 3 cupboards and 3 drawers. Bottom shelves to be 0.3m high, others 0.2m. Controlled drugs cupboard to BS 2881 (See Serial 45 for details). Refrigerator for storage of vaccines as in JSP 311.</p>

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
41 Treatment Room	30m ² , partitioned into two cubicles.	<p>Illumination - 300 lux Supplementary lighting of a specialised nature as required. Privacy light to door.</p> <p>Electric Power - As for Serial 40.</p> <p>Heating - 21.0°C.</p> <p>Water Supply - Hot and cold.</p>	<p>Surgeon's wash hand basin with fittings as Serial 40. Each cubicle to take an examination couch, with a lamp as Serial 40. Plaster sink where necessary. Cupboards as required.</p>
42 Consulting Suite	16.5m ² (but see note in col. (d))	<p>Illumination - 300 lux Supplementary lighting of a specialised nature as required. Privacy light to door.</p> <p>Electric Power - Two 13A double socket outlets and as required for each item of electrical equipment.</p> <p>Heating - 21.0°C</p> <p>Ventilation - Where acoustic double windows are fitted and adequate natural ventilation is not available, mechanical ventilation is to be provided.</p> <p>Water Supply - Hot and cold</p>	<p>Sound deadened doors. To be provided for doctors and practice nurses as required. The area is for a consulting suite with one couch (sited for examination from RIGHT HAND SIDE). Couch to have a lamp as Serial 40. Suspended curtain rod/track for examination couch area, approx. 3.0m x 1.5m. Built-in cupboard. Space for wall mounted plug-in X-ray viewing box(es) as required. Surgeon's wash hand basin</p>

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
42 contd			with fittings as Serial 40. NOTE: At Centres with a GP training commitment or families' practice, the Examination area is to be provided as an additional separate room approx. 4.0 x 2.5m (the consulting suite remaining the same size). Access to the examination room via consulting suite.
43 Bathroom	9.3m ²	Illumination - 125 lux Heating - 21.0°C. The system should comprise electrical heaters with manual override control to cater for through the year use. Water Supply - Hot and cold.	To be provided where other facilities (i.e. in wards) are not available and an exposure risk exists. One full length bath with quick fill taps - to be accessible from 3 sides. (For the treatment of hyper-hypothermia cases) Shower is NOT acceptable substitute. To be provided with flexible shower attachment for cleansing of casualties. One footbath. Door opening(s)

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
43 contd			to be wide enough for stretcher access. Floor gully
44 Audiometric Room	13.5m ²	Illumination - 200 lux Electric Power - One 13A double socket outlet and outlets as required for each item of electrical equipment. Heating - 18.5 ⁰ C Ventilation - mechanical ventilation is to be provided.	Adjacent to and entered from Preliminary Exam. Room. To house the audiometric booth (Not Works supply). Acoustic doors, sealed double windows etc.
45 Dispensary/Medical Store	Establishment m ² up to 1000 45.0 1001 - 1500 60.0 1501 - 2000 75.0 2001 & over 90.0	Illumination - 350 lux Electric Power - One 13A double socket outlet and outlets as required for each item of electrical equipment. Heating - 18.5 ⁰ C Water Supply - Hot and cold. Ventilation - Climate control to ensure ambient temperature does not exceed 25 ⁰ C	To have easy access from consulting rooms for patients and internal access to treatment room for staff. Waiting area in corridor for those collecting prescriptions. Lockable dispensing hatch to corridor. Office area, with IT provision. Shelving to be impervious, cleanable and with no doors. Bench with cupboards under. One wash hand basin with draining

PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
45 contd			<p>surface and splash back, paper towel and soap dispensers. Refrigerator as Serial 40. Controlled drugs cupboard to BS 2881 to be sited at average eye level, with warning light outside dispensary and audible alarm in Dispensary/ Medical stores area and Duty Room (Serial 51) to operate if cupboard is opened without authority. Alarm remotod to Guard room or other suitable location if Medical Centre not 24 hour manned. Ventilated metal cupboard, suitably labelled, for storage of daily use quantities of flammable material. Dispensary door to be lockable, and window(s) to be barred.</p>

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PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
46 Flammable Materials Store	6.0m ² . To be located in a separate building except where quantities do not exceed 50 litres in which case storage may be in a workroom provided it is kept in a fire resistant cabinet or bin.	Illumination - 100 lux M & E Services related to degree of risk and special storage requirement.	To be clearly and conspicuously marked. Key behind glass for use in an emergency. Racking and shelving as required for bulk storage and cylinders. The hazardous areas to be signed with their zonal classification. Construction of the store, including requirements for subdivision, ventilation etc, must meet Fire Officer's recommendations.
47 Seminar Room/Medical Officers' Library	37.0m ²	Illumination - 350 lux. 100 lux vertical for lowest bookshelves. Supplementary lighting for examination couch. Privacy light to door Electric Power - Two 13A double socket outlets. Heating - 18.5°C.	Library shelving. Built-in cupboards for teaching aids. Notice boards. Blackout capability. Dry wipe board and projection screen (Not Works supply). Space for wall mounted plug-in X ray viewing box(es) as required.

MEDICAL AND DENTAL ACCOMMODATION (contd)

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PART 1 - MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
48 General Store	Establishment m ² up to 750 9.0 751 - 1000 11.0 1001 - 1500 13.0 1501 & over 15.0	Illumination - 100 lux Electric Power - One 13A double socket outlet. Heating - 13.0°C.	Shelving as required.
49 Cleaner's Room			Refer to Scale 1 Annex B.
50 a Duty Room b En-suite Toilet Area	7.0m ² per room (Number to be decided at project brief stage.) 3.75m ² per room Shower, WC and washbasin en-suite per room	Illumination - 125 lux. Light over mirror with shaver socket. Electric Power - Two 13A double sockets. Night call bell from main door. Heating - 18.5°C (electric - for 24 hour use). Water supply - Hot and cold.	For taking calls for medical assistance and emergency treatment outside working hours. Washbasin with splashback, mirror, shelf and towel rail. Audible alarm linked to the controlled drugs cupboard in the dispensary (Serial 45). Telephone point.

Serials 51 - 60 Spare

PART 2 - SICK QUARTERS, MEDICAL RECEPTION STATION, REGIONAL MEDICAL CENTRE

(a)	(b)	(c)	(d)
61 Nursing Station	9.5m ²	Illumination - 300 lux Light over mirror. Electric Power - 13A double socket outlets as required. Audible and visual patient call indicator. Heating - 18.5 ⁰ C Water Supply - Hot and cold.	Sited to control ward complex. Cupboard with lock. Washbasin as Serial 40 with mirror over. Controlled drugs trolley securing point. Telephone extension from staff rest room/night duty room. Extension of external night bell if required.
62 Nurse's Office			Refer to Scale 45. Wash hand basin as Serial 40.

PART 2 - SICK QUARTERS, MEDICAL RECEPTION STATION, REGIONAL MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
63 Single-Bed Ward a Ward	11.0m ²	<p>Illumination - 125 lux at centre tapering off to 30 lux at bed-head, additional tungsten night light. Bed-head fitting incorporating dimmer switch, shaver socket, and nurse call system.</p> <p>Electric Power - One 13A double socket outlet. Emergency call facility.</p> <p>Heating - 18.5°C.</p> <p>Water Supply - Hot and cold.</p> <p>TV Aerial Socket.</p> <p>Socket for pay phone.</p>	See Serial 3c. Double doors 1.4m wide. Clinical wash hand basin with elbow operated taps, towel rail and splashback.
b En-suite Bathroom/WC	To be provided out of area addition	<p>Illumination - 125 lux</p> <p>Heating - 16.0°C.</p> <p>Ventilation - Refer to Scale 1 Serial 40.</p> <p>Nurse call system</p> <p>Water Supply - Hot and cold.</p>	WC, wash hand basin, and shower cubicle. See Scale 1 Annex B for fittings and sanitary disposal facilities.

PART 2 - SICK QUARTERS, MEDICAL RECEPTION STATION, REGIONAL MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
64 Multi-Bed Ward	9.5m ² per bed	As Serial 63a, but bedhead fitting, socket outlet, and nurse call system per bed. TV aerial and payphone socket per bay/ward.	As Serial 63a. Beds at 2.5m centres.
65 Toilet Area Multi-bed wards a Toilets	To be provided out of area addition 1 WC per 6 persons 1 washhand basin per area.	As Serial 63b	Toilet and ablution facilities are to be kept separate and planning for both should allow for separate male and female use. For economy the facilities for adjacent multi-bedded wards should be centralised. One WC to have arm supports and planned for wheelchair access. See Scale 1 Annex B for fittings and sanitary disposal facilities. Floor gullies are required.

PART 2 - SICK QUARTERS, MEDICAL RECEPTION STATION, REGIONAL MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
65b Ablutions	1 bath for up to 8 beds. For more than 8 beds add 1 shower per 8 additional beds or part thereof Wash basins - 1 for 4 beds	As Serial 63b. Shaver socket to each mirror.	Washbasin with splash back, mirror, shelf and towel rail. Bath, with grab rails, accessible from 3 sides. Showers to be separately partitioned and provided with one fixed seat, two clothes hooks, soap holder, shelf, towel rail and curtain rail. Floor gullies.
66 Treatment Room	15.0m ²	As Serial 41	To be provided when use of facilities at Serial 41 is not practical. Details as Serial 41.
67 Patients' Effects Store	0.5m ² per patient, minimum size 4.5m ²	Illumination - 100 lux Heating - 13.0°C.	Racking. Lockable door.
68 Sluice	11.0m ²	Illumination - 200 lux Electric Power - supply for water boiling and electrical equipment as necessary. Heating - 16.0°C.	Area includes dirty linen bay of 1.5m ² . Door to be 0.9m wide to allow for trolleys. Lockable wall cupboard for Urinalysis materials.

PART 2 - SICK QUARTERS, MEDICAL RECEPTION STATION, REGIONAL MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
68 contd		Ventilation - Refer to Scale 1 Serial 40.. Water Supply - Hot and cold	Benching and shelving as required. Wash hand basin with splashback. Fitting for paper towel and soap dispensers. Disposable bed pan/ urinal waste unit. Sink with double drainer. Floor gully.
69 Linen Store	10 beds or less 6.0 m ² 11 - 20 beds 8.0 m ² 21 - 30 beds 10.0 m ²	Illumination - 100 lux Heating - 13.0°C.	Shelving as required
70 Kitchenette/Servery (see Serial 3d)	12.0m ²	Illumination - 300 lux 50 lux over ramp. Electric Power - One 13A double socket outlet and outlets for equipment. Heating - 16.0°C. Ventilation - Mechanical ventilation for kitchen equipment and wash-up point as required. Water Supply - Hot cold and drinking (labelled).	Sink with double draining boards. Washhand basin with fitting for soap and paper towel dispensers. Cupboards as required. Equipment as agreed with appropriate KDEA. Direct or easy access from outside for trolleys, with ramped entrance. Hatch to dining room.

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PART 2 - SICK QUARTERS, MEDICAL RECEPTION STATION, REGIONAL MEDICAL CENTRE (contd)

(a)	(b)	(c)	(d)
71 Patients' Day and Dining Room	14.0m ²	Illumination - 125 lux Electric Power - Two 13A double socket outlets. TV aerial point. Heating - 18.5°C Supplementary heating by fixed 3kW fire.	

Serials 72 - 80 Spare

PART 3 - CHILD WELFARE CLINIC

(a)	(b)	(c)	(d)
81 Child Welfare Clinic (See Serial 4b)	28.0m ²	Illumination - 200 lux for clinic area and entrance hall; 50 lux for perambulator park. Electric Power - Two 13A double socket outlets and outlets as required for each item of electrical equipment. Heating - 21.0°C. Water Supply - Hot and cold.	Sink with draining board. Fitting for paper towel and soap dispensers. Storage for welfare foods and toys, and for equipment used for maternity exercise classes. Instantaneous water heater. Childproof locks on cupboards.
82 Health Visitor's Office/ Consulting Room	13.5m ²	Illumination - 300 lux Supplementary lighting for examination couch. Electric power - Two 13A double socket outlets. Heating - 21.0°C. Water Supply - Hot and cold.	Communicating door to Child Welfare Clinic. Couch, lamp and surgeon's wash hand basin with fittings as Serial 40. Low level built-in cupboard to take weighing scales. Childproof locks on cupboards.
83 Toilet Area	To be provided out of area addition 1 WC 1 Wash basin (adult) 1 WC 1 Wash basin (child).		Refer to Scale 1 Annex B For child's fittings; washbasin - 450mm high. WC - seat height not to exceed 250mm. Nappy changing facility.

Serials 84 - 90 Spare

PART 4 - DENTAL TREATMENT ACCOMMODATION

(a)	(b)	(c)	(d)
91 Appointments/ Records Room	Refer to Scale 45. Minimum total area 14.0m ²		Refer to Scale 45. To be used as reception and for dental records. Adjacent to waiting area, with purpose made reception counter. Reception counter to enable patients to sit and complete 'medical in confidence' documentation. Clothes hooks and pin boards as required.
92 Practice Manager's Office			Refer to Scale 45. Sited to supervise Serial 91.
93a Waiting Space	4 seats per surgery. Area per seat 1.3m ² . (to be increased to 8 seats per surgery for clinics with dependant commitment)		As Serial 37.
b Patients' Toilet Area			As Serial 38.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
94 Dental Surgery	18.25m ² 1 per Dental Officer or Dental Hygienist Dimensions 4.8 x 3.8m ² , with surgery door at end of one of long walls. (see Note in Col (d))	<p>Illumination - 500 lux over working surfaces, 1000 lux at head of chair. Colour corrected (daylight) lighting required.</p> <p>Radiograph warning light (in circuit with power supply to radiography machine) outside surgery door.</p> <p>Electric Power - Two 13A double socket outlets and outlets as required for each item of electrical equipment.</p> <p>Heating - 20.0°C.</p> <p>Medical Quality Compressed Air Supply and fixed pipework for all items of dental equipment requiring such a supply (See Serial 105).</p> <p>Water Supply - Hot and cold.</p>	To be used by both dental officers and hygienists as required. The number of surgeries required to be determined at project brief stage. The principles of dental surgery design are set out in JSP 409. Provision of dental equipment to be in accordance with approved design. Surgeon's sink as Serial 40. Range of fitted cupboards and drawers. Work surface to contain stainless steel laboratory sink with elbow operated taps, fitting for paper towel dispenser. Where a surgery is to have an X-ray machine, see Serial 7b.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
95 Recovery Room (where required)	13.5m ²	Illumination - 100 lux Dimmer switch control and supplementary lighting over mirror. Electric Power - Two 13A double socket outlets. Heating - 18.5°C. Water Supply - Hot and cold.	Inter-communicating with consultant's surgery. To be accessible without the need to pass through patients' waiting area, and with easy access to toilet area, Serial 93b. Washbasin with splashback, mirror, shelf, and fitting for paper towel dispenser. Clothes hooks as required.
96 Dental Officer's Office (Consulting Room)	13.5m ² each	Illumination - 350 lux Supplementary lighting as required. Electric Power - Two 13A double socket outlets. Heating - 18.5°C.	One for OIC; and one between two dental officers. Clothes hooks and pin boards as required. Dry wipe board.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
97 Plaster Room	9.5m ²	<p>Illumination - 400 lux Supplementary lighting as required.</p> <p>Electric Power - 13A double socket outlets as required.</p> <p>Heating - 18.5⁰C</p> <p>Gas Supply to work station.</p> <p>Mechanical air extract hoods over grinding and buffing positions.</p> <p>Water Supply - Hot and cold. Additional supply for cast trimmer. Plumbed in deionised water capability, 10 litres per day per surgery.</p> <p>Compressed Air Supply for mini sand blaster.</p>	<p>Not provided where a dental laboratory (Serial 98) is authorised. Stainless steel sink with plaster trap and splashback. Fitting for paper towel dispenser. Bench for plaster work with cupboards under for plaster drums. Work bench with cupboards and drawers under, sited near window. Each bench to have double gas point for Bunsen burner. Shelving and clothes hooks as required.</p>
98 Dental Laboratory	<p>21.0m² - minimum area for 1 or 2 dental technicians</p> <p>31.0m² - minimum area for 3 dental technicians. Add 3.5m² for each technician above 3 (actual area to be determined at project brief</p>	<p>Illumination - 500 lux Supplementary extra low voltage lighting per working station. Colour corrected (daylight) lighting required.</p> <p>Electric Power - One 13A double socket outlet per work</p>	<p>Provided only when dental technicians are authorised. Laboratory design, layout and facilities to comply with H&S regulations. Partitioned into 'clean' and 'dirty' areas as required. Separate sinks</p>

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
98 contd	stage according to number of technicians, and amount and type of equipment)	<p>station and outlets as required for each item of electrical equipment.</p> <p>Heating - 18.5°C.</p> <p>Compressed air and gases supplied as required.</p> <p>Mechanical air extract hoods over grinding, buffing and metal casting positions, and acrylic packing position. An exhaust fan is to be incorporated into the wall or window close to the bench press.</p> <p>Water Supply - Hot and cold. 30psi supply if required for MOD supplied casting machine. Plumbed in deionised water capability, 10 litres per day per surgery.</p>	<p>with splash backs for plaster and wax with plaster and wax traps respectively. Supply of water at boiling point over wax sink when being used. Wash basin with splash back. Fitting for paper towel dispenser. Plaster bench as Serial 97. Work benches sited near windows - 1 work station per dental technician plus 1 station spare overall. Each work station to be provided with double gas points for burners, air and suction points as required. Casting bench with fire resistant finish, gas, air, power and water supplies. Ventilated acid storage cupboard at low level with drip tray.</p>

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
99 Flammable Materials Store	Area to be assessed at project brief stage. Location as Serial 47.		As Serial 47 and 104. To serve the Plaster Room/ Dental Laboratory, and, where required, to serve as gas cylinder manifold room for the supply of piped gas to burners and metal casting equipment.
100 Dark Room	9.0m ²	<p>Illumination - 100 lux Safelights over worksurfaces. Dark room light interlocked with outside warning light.</p> <p>Electric Power - Two 13A double socket outlets and power supplies to equipment as required.</p> <p>Heating - 18.5°C.</p> <p>Water Supply - Hot and cold.</p> <p>Ventilation - Lightproof extract and make-up grilles are required.</p>	Light trap door, with internal lock. Developing bench with cupboards under, lightproof drawer, inset deep square sided stainless steel sink at least 0.3m deep to hold developing tanks, and splashback. Fittings for paper towel and soap dispensers. Washable chemical resistant floor finish. Non-reflective light coloured finishes. Shelving as required. Film drying rail over sink as required.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
101 Orthopantomograph Room (where required)	3.0m x 4.5m	Illumination - 175 lux In use warning lights (in circuit with OPG machine) at entrances. Electric Power - Two 13A double socket outlets. Heating - 18.5°C. Ventilation - Refer to Scale 1 Serial 39.	See Serial 7b.
102 Seminar Room/Dental Officers' Library	37.0m ²	As Serial 48	To be provided in centres with 3 or more surgeries and an approved General Practice Training or Vocational Training Commitment. To seat 12 persons. See Serial 47 for fixtures and fittings.
103 Cleaner's Room			Refer to Scale 1 Annex B and to Serial 49.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
104 Store	8.0m ² minimum. Total space dependent on number of surgeries provided.	Illumination - 100 lux Electric Power - Two 13A double socket outlets. Heating - 13.0°C.	For Dental materials and general items. Not to be sited on South wall. Well ventilated. Arrangements to be made for the security of drugs and attractive items. Controlled drugs cupboard (See Serial 45). See Serial 113 for alarm sounder. To accommodate fire resistant cabinet when flammable materials do not exceed 50 litres and separate store is not provided at Serial 99. Refrigerator (0.2m ³ for one surgery +0.2m ³ per additional surgery). Adjustable shelving as required.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
105 Compressor Room	Area to be assessed at project brief stage. (not to be provided out of area addition)	Illumination - 100 lux Electric Power - One 13A double socket outlet, power supplies for medical quality air compressor installation and central aspiration equipment as required. One extra low voltage socket outlet for hand lamp. Heating - Frost precautions only.	To be provided in a fire separated compartment, sited with due regard to noise control, and provided with external access. Compressors and related pipework to comply with HTM2022/DESRP 09.
106 Dental Health Education Room (Only to be provided at Recruit Training Centres.)	30.0m ²	Illumination - 350 lux Electric Power - Three 13A double socket outlets. Heating - 18.5°C. Water Supply - Hot and cold.	To seat 12 persons. 3 basins each with splashback and mirror. Shelving for each wash basin with tumbler/ toothbrush holder. Fitting for paper towel dispenser. Shelving for books and low level cupboards as required. Dry wipe board. Blackout facilities. Notice and display boards. To be sited close to the Dental Waiting Space.

PART 4 - DENTAL TREATMENT ACCOMMODATION (contd)

(a)	(b)	(c)	(d)
107 Central Sterile Supply Department Room (where required)	Area to be assessed at project brief stage	Illumination - 500 lux Electric Power - 13A double socket outlets, number dependent on size of room. Air Conditioning - Temperature to be maintained at 21 ⁰ C Water Supply - Hot and cold	Stainless steel sink Steriliser DDA Supply. Work surfaces with washer disinfector and cupboards under, length to be determined at briefing stage.

Serials 108 -110 Spare

PART 5 - STAFF FACILITIES

(a)	(b)	(c)	(d)
111 Changing/Locker Room			Refer to Scale 40. Showers are to be provided.
112 Toilet Area			Refer to Scale 1 Annex B
113 Staff Day/Rest Room			Refer to Scale 47. Telephone plug and socket. Alarm sounder from Dental Store (Serial 104)

Serials 114-120 Spare

PART 6 - OUT-PATIENT FACILITIES

121 In certain locations, there may be a requirement for the provision of facilities for visiting consultants in various specialisms.

122 Consulting suites in accordance with Serial 42 (for medical consultants) or surgeries in accordance with Serial 94 (for dental consultants) may be provided as required.

123 Separate waiting areas may be provided, particularly where some degree of privacy is required (e.g. genito-urinary or psychiatric clinics).

124 Specialist facilities, such as minor surgery areas, are to be agreed at project brief stage.

MEDICAL AND DENTAL ACCOMMODATION (contd)

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KITCHEN FACILITIES (REFER TO SERIAL 3d)

ANNEX A

(a)	(b)	(c)	(d)
A1 Main Kitchen/Prep Area	16.0m ²	As Serial 70	To cater for up to 10 beds. For larger numbers consult Service KDEA. Otherwise as for Serial 70.
A2 Store	4.0m ²	Illumination - 100 lux Electric Power - One 13A double socket outlet. Heating - 13.0°C.	Shelving as required.
A3 Entrance Lobby/Trolley Park	4.0m ²	Illumination - 175 lux Electric Power - One 13A double socket outlet. Heating - 13.0°C.	Trolley (Not Works supply). Mobile vegetable rack.
A4 Refuse	As required	Illumination - 50 lux.	Basic provision, i.e. lean-to in the entrance yard sufficient to accommodate one wet and one dry refuse bin.
