



IMAGE COURTESY OF COREA MORAN ARQUITECTURA; TAKEN BY PEPO SEGURA

2014 DESIGN TRENDS

HEALTHCARE ARCHITECTURE

GRACE LENNON ASSOCIATE AIA LEED AP BD&C

SYMBOLIC

PG 3

RESIDENTIAL

PG 11

SUSTAINABLE

PG 6

COLOR

PG 9

SYMBOLIC

INSPIRATION

A NEED FOR DESIGN THAT CONNECTS TO A COMMUNITY'S **CULTURE, HISTORY,** AND **LOCAL HABITAT.**

A RENEWED INTEREST IN **TEXTURE.**

AESTHETICALLY PLEASING, AND **SITE-RESPONSIVE** DESIGN.

STRIVING TO BE **ICONIC** ARCHITECTURE.

APPLICATION

USE NATURE-INFLUENCED GEOMETRICAL FORM.

LOOK TO NATURE FOR INSPIRATION IN ORDER TO SOLVE DESIGN PROBLEMS.



IMAGE COURTESY OF HAMMERSCHMID PACHL SEEBACHER ARCHITECTS

SYMBOLIC

FORM

ARCHITECTS ARE BEGINNING TO TAKE INSPIRATION FROM A COMMUNITY'S LOCAL ENVIRONMENT, IN EVERYTHING FROM FLOOR PLAN LAYOUT TO STRIKING SCULPTURAL FORMS.

DRONNING INGRIDS HOSPITAL, DESIGNED BY C. F. MØLLER ARCHITECTS, PRACTICALLY GROWS STRAIGHT UP OUT OF THE TERRAIN LIKE A BLOCK OF ICE. IT'S FORM IS DERIVED FROM THE NATURAL SURROUNDINGS JUST OUTSIDE THE HOSPITAL WINDOWS, THE ICE BLOCKS THAT FLOAT AROUND IN GODTHÅBSFJORD, AND THE SIGHT OF GREENLAND'S HIGHEST MOUNTAIN, SERMITSIAQ, WHICH TOWERS UP BEHIND THE TOWN. WITH BOTH THE FACADES AND THE ROOF CLAD IN COPPER, THE BUILDING EMANATES A SENSE OF WHOLENESS—SIMILAR TO AN ICE BLOCK OR A MOUNTAIN TOP. THE UNIFYING COPPER SKIN IS APPROPRIATE FOR THE BUILDING'S INCLINED FORM AND MAKES A SUBTLE STATEMENT BEFITTING A DIGNIFIED PUBLIC HOSPITAL.



IMAGES COURTESY OF C. F. MØLLER ARCHITECTS

MATERIALITY

HEALTHCARE DESIGN IS LOOKING TO THE NATURAL ENVIRONMENT FOR INSPIRATION IN CREATING HEALTHIER SURROUNDINGS.

THIS **MEDICAL PRACTICE**, BY GRAZ-BASED ARCHITECTS HAMMERSCHMID PACHL SEEBACHER, IS LOCATED IN THE REMOTE VILLAGE OF RAMSAU IN THE AUSTRIAN ALPS, KNOWN FOR ITS CROSS-COUNTRY SKIING AND BEAUTIFUL LANDSCAPES. THE BUILDING'S SHAPE AND THE MATERIALITY IS REMINISCENT OF THE TYPICAL HISTORICAL HAY BARNES OF THE ENNSTAL AREA. THE FACADE IS VERTICALLY CLAD WITH ROUGHLY SAWN, UNTREATED SPRUCE, AND THEY USED LOCALLY MILLED LARCH TO BUILD THE BENCHES IN THE WAITING ROOM AND THE COUNTER IN THE PHARMACY. THE WALLS BEHIND THE BENCHES ARE COVERED IN GREY LODEN, A THICK WOOL FABRIC TRADITIONAL TO THE AUSTRIAN ALPS.



IMAGE COURTESY OF HAMMERSCHMID PACHL SEEBACHER ARCHITECTS



IMAGE COURTESY OF C. F. MØLLER ARCHITECTS

INSPIRATION

PROVIDE A **HEALTHIER PATIENT** EXPERIENCE.

PROMOTE GENERAL **WELL-BEING**.

STRIVE TO BE **COST-SAVING, GREENER,** AND MORE **EFFICIENT**.

BLUR THE LINES BETWEEN INTERIOR AND EXTERIOR ENVIRONMENT.

APPLICATION

CONSTRUCT BUILDINGS TO LEED STANDARDS BY BEING ENVIRONMENTALLY RESPONSIBLE

DESIGN TO COMPLY WITH THE PRINCIPLES OF SOCIAL, ECONOMIC, AND ECOLOGICAL SUSTAINABILITY.

SUSTAINABLE

MICRO

DESIGNERS RECOGNIZE THAT DESIGN ELEMENTS SUCH AS PASSIVE VENTILATION AND ABUNDANT DAYLIGHT KEEP PATIENTS IN TOUCH WITH NATURE AND OFTEN GIVE THEM A WELCOME ESCAPE FROM THEIR CONDITIONS.

THE **BELMONT COMMUNITY REHABILITATION CENTRE**, DESIGNED BY AUSTRALIAN PRACTICE BILLARD LEECE PARTNERSHIP, IS A REHABILITATION FACILITY IN WHICH FORM AND MATERIALITY SEEK TO ENGAGE WITH THE SURROUNDINGS. THE FAÇADE IS ARTICULATED WITH RECESSED SELF-SHADING WINDOWS TO THE STREET ELEVATIONS, WHILE THE NORTH-WEST FACING COURTYARD FAÇADE CONSISTS OF FRAMED PANELS OF SHIP LAP TIMBER THAT CONTRAST WITH THE DYNAMIC FOLDED SUN SHADES. THESE SELF-SHADING WINDOWS TO ALL HABITABLE ROOMS PROVIDE ABUNDANT DAYLIGHT AND NATURAL VENTILATION.



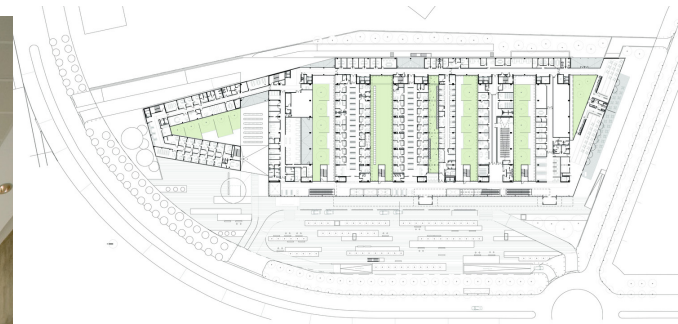
IMAGES COURTESY OF BILLARD LEECE PARTNERSHIP; TAKEN BY TONY MILLER

SUSTAINABLE

MACRO

HOSPITAL DESIGNERS THAT INTEGRATE ENVIRONMENTALLY SUSTAINABLE OPERATIONS AT THEIR FACILITIES CREATE A CULTURE OF NURTURING AND THIS DEMONSTRATES A SINCERE COMMITMENT TO ALL PEOPLE.

THE **NEW MOLLET HOSPITAL**, LOCATED IN BARCELONA, SPAIN, IS CONSIDERED TO BE ONE OF THE PIONEER PUBLIC HOSPITALS IN ENVIRONMENTAL RESPONSIBILITY AND ENERGY EFFICIENCY. DESIGNED BY COREA MORAN ARQUITECTURA, THE HOSPITAL FACES A LARGE PUBLIC PARK, AND TAKES ADVANTAGE OF THE SLOPE OF THE SITE. THE BUILDING IS ORGANIZED AROUND INTERIOR GARDEN PATIOS THAT PROVIDE LIGHT AND VENTILATION, WHILE A LARGE PUBLIC PLAZA IS PLACED AT THE MAIN ENTRANCE. THE FACILITY HAS EFFICIENT MECHANICAL AND LIGHTING SYSTEMS, INCLUDING A GEOTHERMAL SYSTEM FOR HEATING AND COOLING AND AN INNOVATIVE RADIANT CEILING.



IMAGES COURTESY OF COREA MORAN ARQUITECTURA; TAKEN BY PEPO SEGURA

SUSTAINABLE



IMAGE COURTESY OF C. F. MØLLER ARCHITECTS

INSPIRATION

PROVIDE **CUSTOMIZABLE** PATIENT EXPERIENCES.

ADD **PLAYFUL ACCENTS** FOR HIGHER LEVEL OF DELIGHT AND RICHNESS.

ADDRESS THE NEED FOR **POSITIVE SPACES** TO FACILITATE HEALING.

APPLICATION

INCORPORATE BOLD COLOR INTO WAY FINDING, CIRCULATION, AND BUILDING ARTICULATION.

ALLOW PATIENTS TO CUSTOMIZE THEIR OWN SPACE WITH ADJUSTABLE LIGHT AND COLOR CONTROLS.

BOLD COLOR

COLOR PANELS

WITH THE PROPER PLANNING, THE PROCESS OF CREATING AESTHETICALLY PLEASING AND CHEERFUL ENVIRONMENTS CAN BE BOTH COST EFFECTIVE AND EXCITING.

THE CYLINDRICAL **EMERGENCY AND INFECTIOUS DISEASES UNIT** AT SKÅNE UNIVERSITY HOSPITAL IN MALMO SWEDEN PROVIDES A NEW LANDMARK IN HEALTHCARE DESIGN. IT'S ROUND, DRUM-LIKE FORM SERVES TO BOTH FILL THE LOGISTICAL REQUIREMENTS OF INFECTIOUS DISEASE HEALTHCARE AS WELL AS CREATE AN EMBRACING, WELCOMING TECTONIC COMPOSITION OF COLORFUL VOLUMES AND GLASS. TERRACED, PLASTERED FACADES ARE CUT BY POLYCHROME MASSES AND PROTECTED BY WEATHER-DEFLECTING GLAZED PANES. QUALITY DAYLIGHT AND COLORFUL FINISHES HAVE BEEN CONSCIOUSLY EMPLOYED TO HASTEN THE HEALING PROCESS AND CREATE A COMFORTABLE, THERAPEUTIC ENVIRONMENT.



IMAGES COURTESY OF C. F. MØLLER ARCHITECTS

BOLD COLOR

RESIDENTIAL

INSPIRATION

CREATE A **BALANCE** BETWEEN HOME AND HOSPITAL CARE.

FOCUS ON ENHANCED **COMFORT** AND REDUCED STRESS

A **CHANGING ATTITUDE** TOWARDS STARK, CLINICAL INTERIORS.

APPLICATION

DESIGN SUCCESSFUL HEALTHCARE FACILITIES THAT FOCUS ON COMFORT, RELAXATION AND THE CLIENT'S NEEDS.

INCORPORATE SPACIOUS AND LIGHT-FILLED ZONES, AS WELL AS ARCHETYPAL HOME ELEMENTS IN DESIGN.



IMAGE COURTESY OF EFFEKT ARCHITECTS

RESIDENTIAL

WARMTH

THE “PATIENT EXPERIENCE” HAS BECOME PARAMOUNT TO THE SUCCESS OF A HEALTHCARE FACILITY. ARCHITECTS STRIVE TO PROVIDE THE BEST POSSIBLE CONDITIONS FOR PROMOTING QUALITY OF LIFE.

THE **HOSPICE DJURSLAND** IS A PALLIATIVE TREATMENT FACILITY WITH ROOM FOR 15 PATIENTS, LOCATED IN A BEAUTIFUL LANDSCAPE SETTING OVERLOOKING THE BAY OF AARHUS, DENMARK. THE ARCHITECTS AIMED TO CREATE A VERY HUMANE BUILDING; A BUILDING WHICH IS NOT AN INSTITUTION, BUT RATHER A HOME WHICH PROVIDES ADEQUATE PHYSICAL AND MENTAL SPACE . THE SEMI-CIRCULAR LAYOUT IS TO ENSURE THAT ALL PATIENT-ROOMS HAVE A PRIVATE TERRACE, ALLOWING AMPLE DAYLIGHT THROUGHOUT THE DAY. THE LANDSCAPE AND GARDENS SURROUND THE HOSPICE, WITH SPECIAL EMPHASIS ON THE SENSORY ASPECTS OF SIGHT, SMELL, TOUCH AND SOUND.



IMAGES COURTESY OF C. F. MØLLER ARCHITECTS

RESIDENTIAL

SYMBOLISM

ARCHITECTS ARE INCORPORATING ARCHETYPAL HOME DESIGN INTO HEALTHCARE FACILITIES, THUS ENHANCING COMFORT AND REDUCING STRESS.

LIVSRUM, DESIGNED BY EFFEKT ARCHITECTS, IS A NEW CANCER COUNSELING CENTER AT NÆSTVED HOSPITAL IN DENMARK. RATHER THAN DESIGNING THE FACILITY AS ONE LARGE STRUCTURE, EFFEKT PLANNED A SERIES OF DOMESTIC-SCALE BUILDINGS WITH GABLED ROOF PROFILES AND ARRANGED THEM AROUND A PAIR OF COURTYARDS. EACH HOUSE HAS ITS OWN SPECIFIC FUNCTION AND TOGETHER THEY FORM A COHERENT SEQUENCE OF DIFFERING SPACES AND FUNCTIONS. THE RESIDENTIAL SCALE BUILDINGS FOCUS ON THE BENEFICIAL QUALITIES OF LIGHT, OPEN SPACES, PRIVACY, AND VIEWS OF AND ACCESS TO OUTDOORS. THE EMPHASIS IS ON PROVIDING NURTURING SPACES.



IMAGES COURTESY OF EFFEKT ARCHITECTS



THANK YOU

ALL PHOTOS AND CONTENT USED WITH PERMISSION

DESIGNERS FEATURED:

- **HAMMERSCHMID PACHL SEEBACHER ARCHITECTS**
- **C. F. MØLLER ARCHITECTS**
- **BILLARD LEECE PARTNERSHIP**
- **COREA MORAN ARQUITECTURA**
- **EFFEKT ARCHITECTS**

CREDITS