

4. PROJECT PRESENTATION ASSESSMENT CARD

CANDIDATE NAME: _____ ID NO: _____

DATE: _____

EXAMINER: _____
(Please print)

(Signature)

GENERAL NOTES:

A total mark of 75% is required in each of the three divisions in order to pass this examination (i.e. Part 2 of the BARE).

If a candidate fails to achieve a minimum of 75% in any one of the three divisions he/she will be required to retake, and to be re-assessed for all three divisions of PART 2 of the BARE.

Subject to the A.R.B. approval, a candidate would be allowed to present a project that was previously presented when retaking this part of the examination.

The candidate is required to have a practical understanding of the following:

SITE PLANNING	MAX MARK	CAND. MARK
Building Placement <ul style="list-style-type: none"> • Orientation, sun exposure adjacencies, topography, relationship to public, road(s), wind direction, mitigation against noise and dust, “view-in” and “view out” considerations. 	25	
Codes And Regulations <ul style="list-style-type: none"> • Building height restrictions, building line and road reserve, water zone classification, road classification, right-of-ways, easements, town & Country Planning Office Regulations Environment Protection Department Regulations, sewage, waste disposal, etc. 	25	
Parking <ul style="list-style-type: none"> • Parking stall arrangement/parking structure, parking for the handicapped, service parking, etc. 	10	
Vehicular Circulation <ul style="list-style-type: none"> • Access/exit to and from public road, service/emergency access/exit, etc. 	10	
Pedestrian Circulation <ul style="list-style-type: none"> • Pedestrian/wheelchair access from public road to building, pedestrian/wheelchair access from parking area to building, etc. 	10	
Site Surface Drainage & Topography <ul style="list-style-type: none"> • Site grading, retaining walls, water courses/wells, drainage, hardscapes, landscape areas, etc. 	10	
Location Of Support Services <ul style="list-style-type: none"> • Garbage area, transformer, sewage treatment plant/sewer discharge, water storage tank, fences, guard walls, etc. 	10	
TOTAL		

BUILDING DESIGN	MAX MARK	CAND. MARK
Building & Space Functions <ul style="list-style-type: none"> • Program requirements and satisfaction Functional for human comfort in executing the required functions. • Codes and Regulations Covering Building Functions Town Planning, Draft Building Code, EPD Regulations, etc. • Support Spaces Toilet room layout, janitor closet, storage rooms, kitchen layout, plant/services rooms, specialty rooms, etc. • Compartmentation & Sound Shutters Fire rated, Fire walls, fire doors, fire windows, provision for impact sounds, provisions for air-borne sounds, etc. 	30	
Building Structure <ul style="list-style-type: none"> • Foundation type, column/bearing wall grid, beams, first floor framing, roof framing, stairways, elevator shafts, penetrations, etc. 	20	
Accessibility And Circulation <ul style="list-style-type: none"> • Horizontal accessibility and Circulation Handicapped access and circulation, general access and circulation, service access, fire egress, doors and doorways, etc. • Vertical Accessibility and Circulation Access stairways design, fire exit stairways, elevator, lift/escalator, service access, roof access, etc. 	10	
Natural Lighting & Ventilation <ul style="list-style-type: none"> • Window sizing and placement, window shading devices, hurricane protection (laminated glass), vandalism protection (safety glass), insulated windows, provision for heat reduction, etc. 	10	
Building Envelope And Weather Protection <ul style="list-style-type: none"> • Exterior wall composition and finishes, roof design in relation to weather protection, etc. 	10	
Materials & Construction Methods Used <ul style="list-style-type: none"> • Specialties, masonry, metals, wood, concrete, equipment, accessories, membranes, cladding, coatings, finishes, etc. • Understand sequence of construction process, scheduling, cost and risk management, etc. 	10	
Environmental Issues <ul style="list-style-type: none"> • Thermal and moisture protection, sustainable design, hazardous material mitigation, salt air protection, etc. 	10	
TOTAL		

BUILDING TECHNOLOGY (SERVICES INTEGRATION)	MAX MARK	CAND. MARK
Ventilating & Air Conditioning Systems <ul style="list-style-type: none"> A/c system (split, fan coil, etc.), duct runs and fire stopping, toilets, kitchen exhaust, air take systems, etc. 	25	
Electrical <ul style="list-style-type: none"> Power provisions, transformers, generators, lighting protection, etc. 	15	
Lighting <ul style="list-style-type: none"> General lighting, ceiling, walls, floor, concealed, emergency lighting, security lighting, task lighting, etc. 	15	
Plumbing <ul style="list-style-type: none"> Water supply, fixtures, floor drains, soil stacks and vents, roof drains, irrigation systems, pumps, etc. 	15	
Communication & Security <ul style="list-style-type: none"> Telephone, intrusion detection, cctv, data, access control, etc. 	10	
Fire Detection & Suppression <ul style="list-style-type: none"> Smoke detectors, sprinkler systems, fire alarms, fire dampers, dry riser, pressurization system, fire hoses, etc. 	10	
Conveying Systems <ul style="list-style-type: none"> Garbage chutes, elevators, escalators, dumb waiters, etc. 	10	
	TOTAL	