

BEIRUT

NEW EMBASSY CAMPUS

MORPHOSIS ARCHITECTS

MAY 7, 2015

PART 1: SITE ANALYSIS

PROJECT CONSTRAINTS
SITE ANALYSIS
INITIAL SITE STRATEGIES

PART 2: ARCHITECTURAL RESPONSE

PLANNING
SECURITY
BUILDINGS & CIRCULATION
SOCIAL & CULTURAL SPACES
BUILDINGS & CIRCULATION

PART 3: LANDSCAPE

PLANNING

OUTLINE

BEIRUT NEW EMBASSY CAMPUS

Embassies and Consulates serve as the front door for U.S. Diplomacy. The safety and security they provide to our personnel are the first priority, but they must also reflect our national values of openness and ingenuity. In addition, Embassies and Consulates must exemplify the best in American architecture, environmental stewardship, and innovation. Championing excellent design and efficient technologies benefits both the American taxpayer and those overseas we seek to serve.

Secretary of State
John F Kerry
November, 2013

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Secretary of State
John F Kerry
November, 2013

SITE ANALYSIS

1.0

BEIRUT NEW EMBASSY CAMPUS



13 KM FROM BEIRUT



NEW U.S. EMBASSY SITE

BEIRUT

2km |

| | 0 |





LOOKING SOUTH-WEST

SITE ANALYSIS



LOOKING NORTH-EAST

SITE ANALYSIS



VIEW SOUTHWEST



VIEW FROM UPPER EASTERN AREA OF SITE – LOOKING SOUTH

SITE ANALYSIS



VIEW SOUTHEAST



LOWER SOUTHERN AREA OF SITE - LOOKING SOUTH

SITE ANALYSIS



VIEW NORTHEAST



VIEW FROM EXISTING CHURCH – LOOKING SOUTH

SITE ANALYSIS



MEDITERRANEAN

1km

DBAIYEH

NEW SITE

AOUKAR

BELLEVUE

MAZRAAT
BEIT ECH
CHARR

1km |

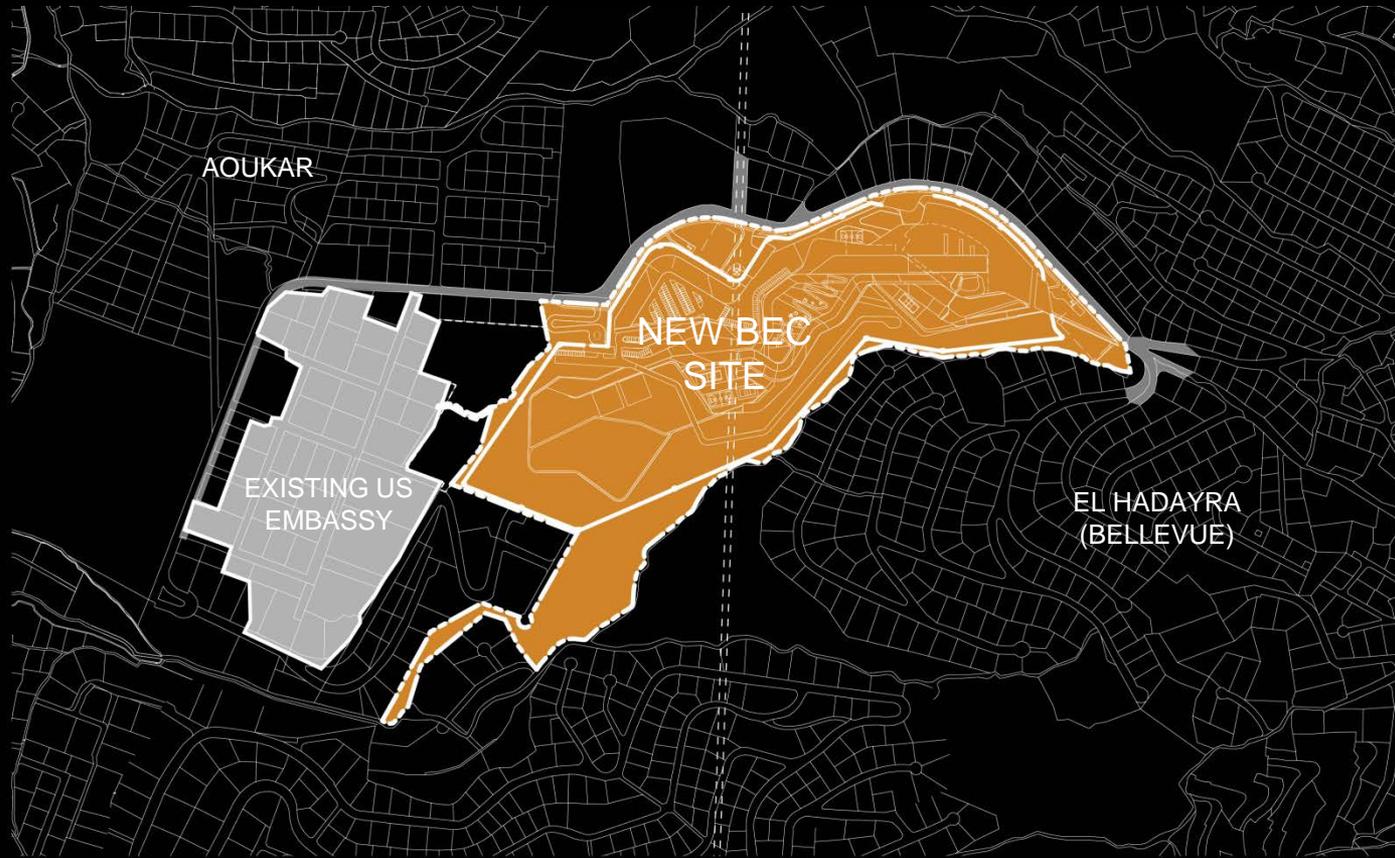
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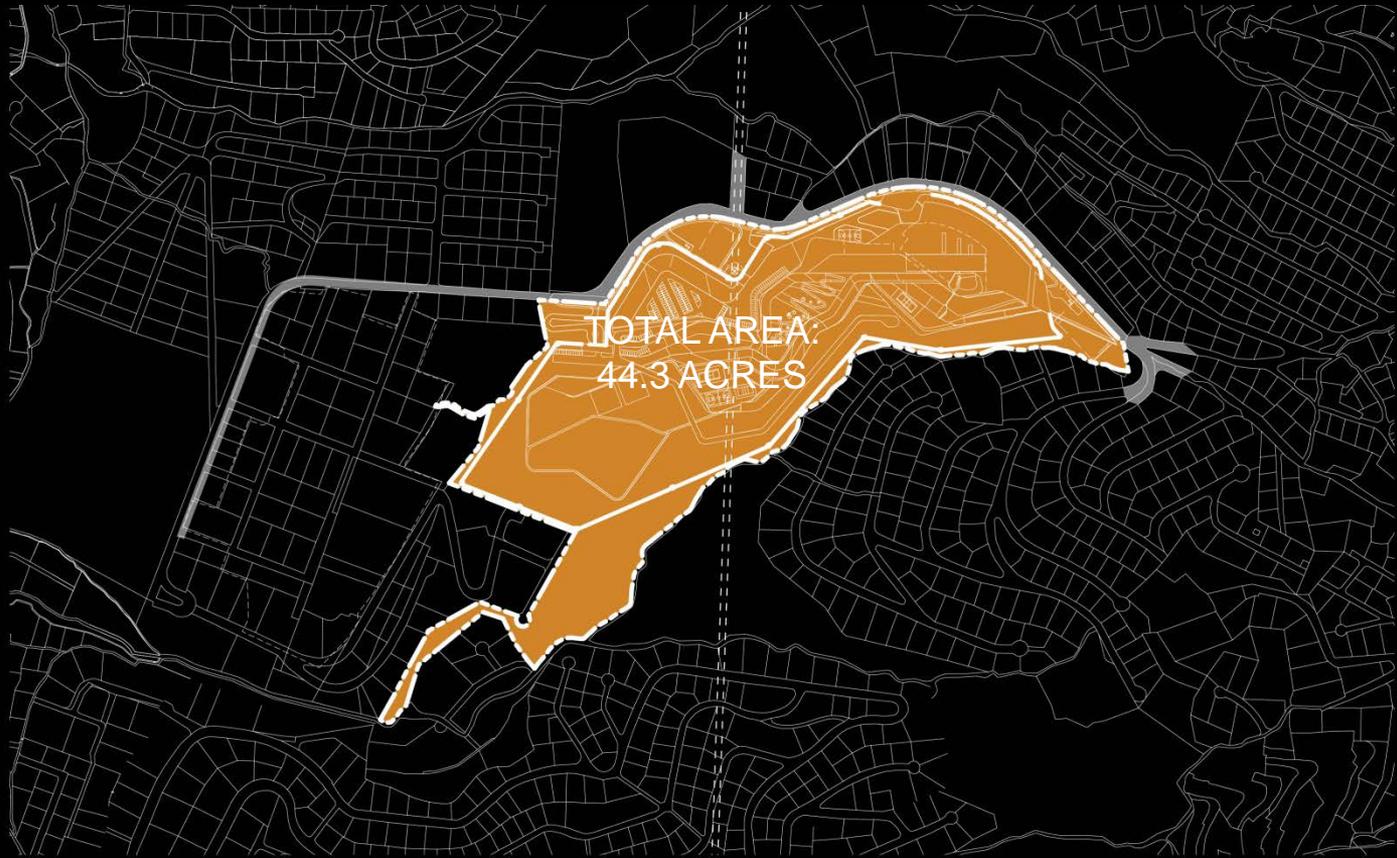
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EXISTING SITE

SITE ANALYSIS



TOTAL AREA:
44.3 ACRES

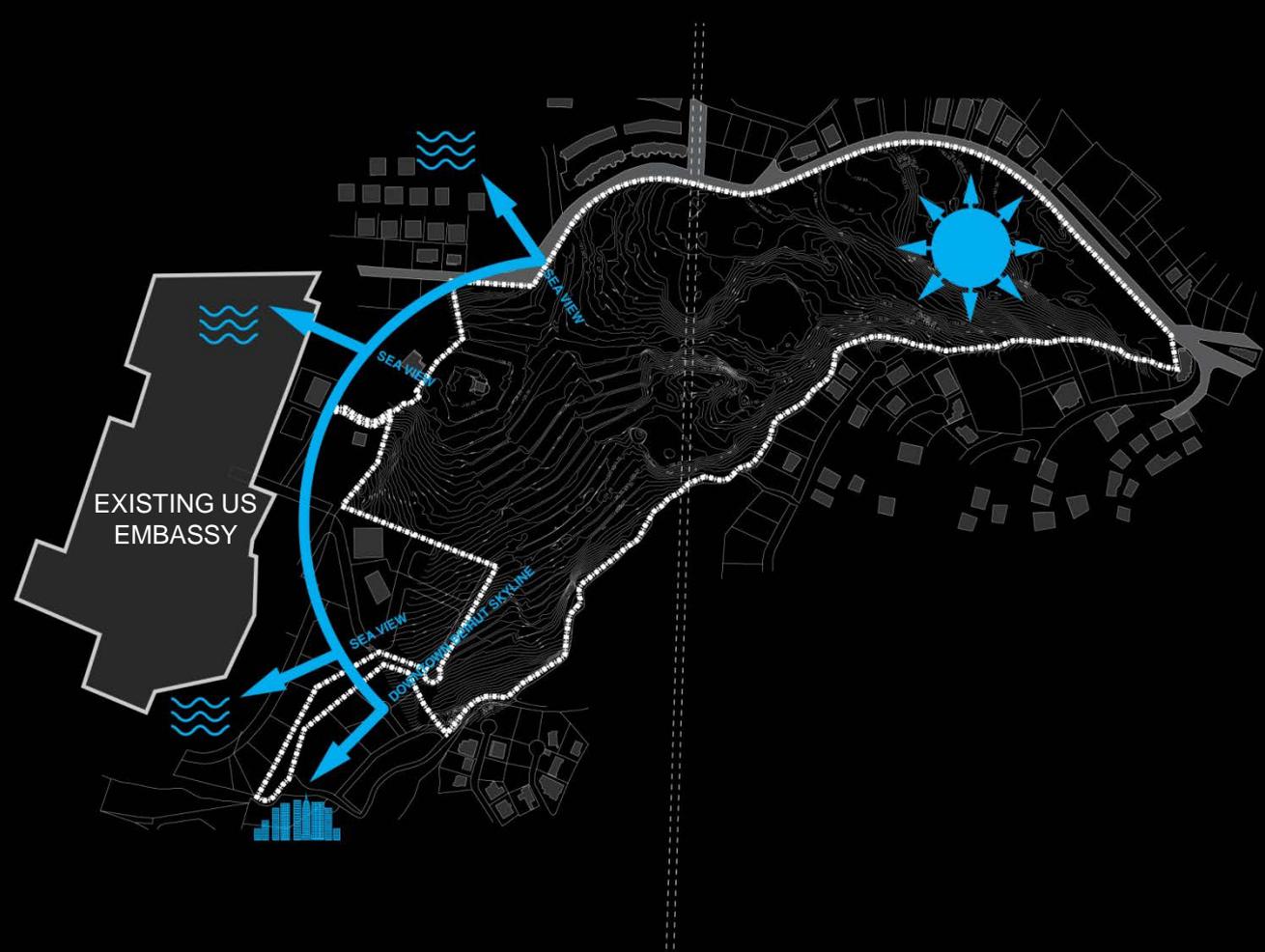
TOTAL AREA

SITE ANALYSIS



USABLE AREA – 30.5 METER SETBACK

SITE ANALYSIS



EXISTING US EMBASSY

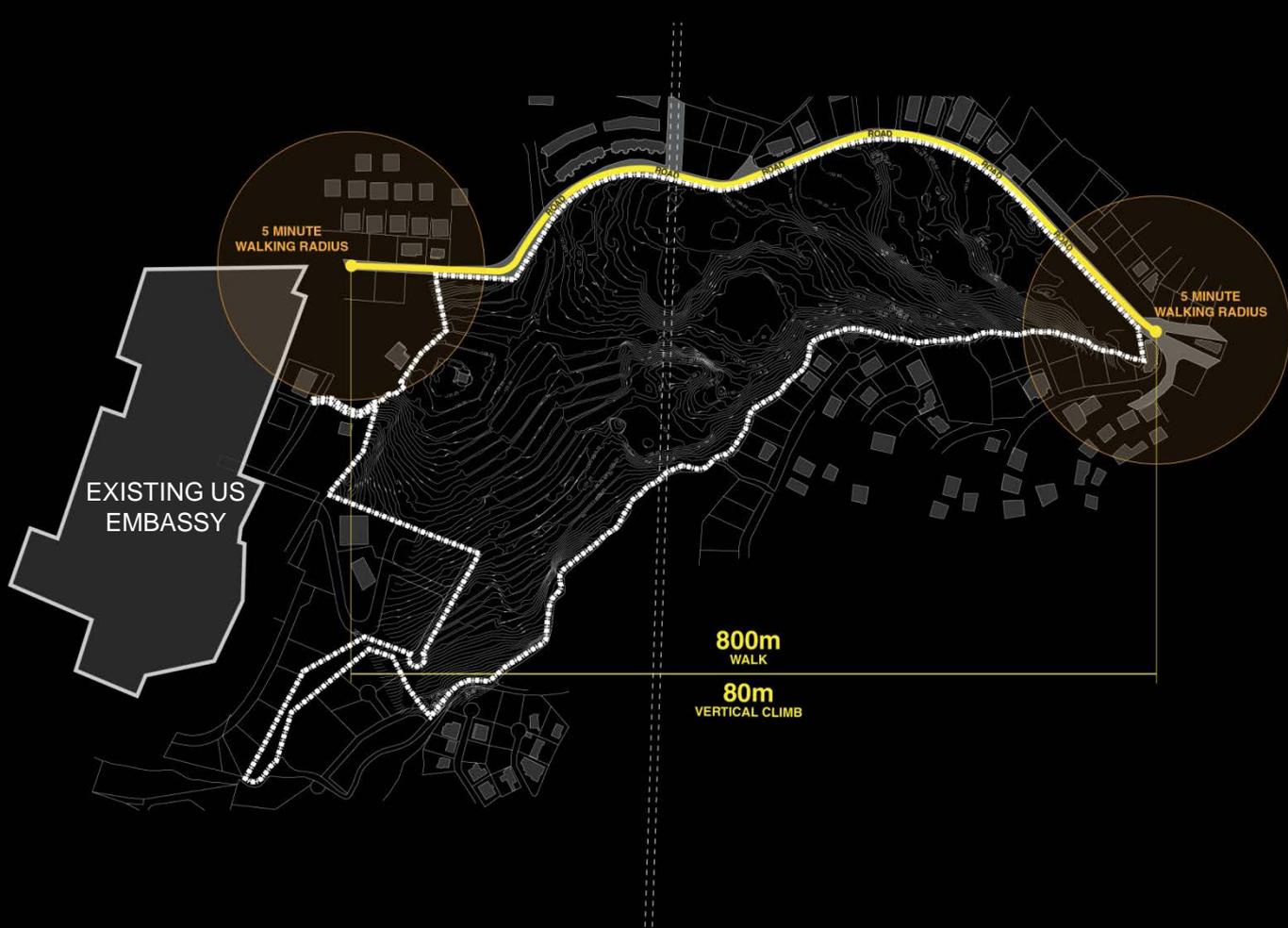
VIEW

EXISTING CONDITIONS

200m

01 N





SINGLE STREET ACCESS

EXISTING CONDITIONS

200m |

| |

01





WALKING CONDITIONS

EXISTING CONDITIONS

200m |

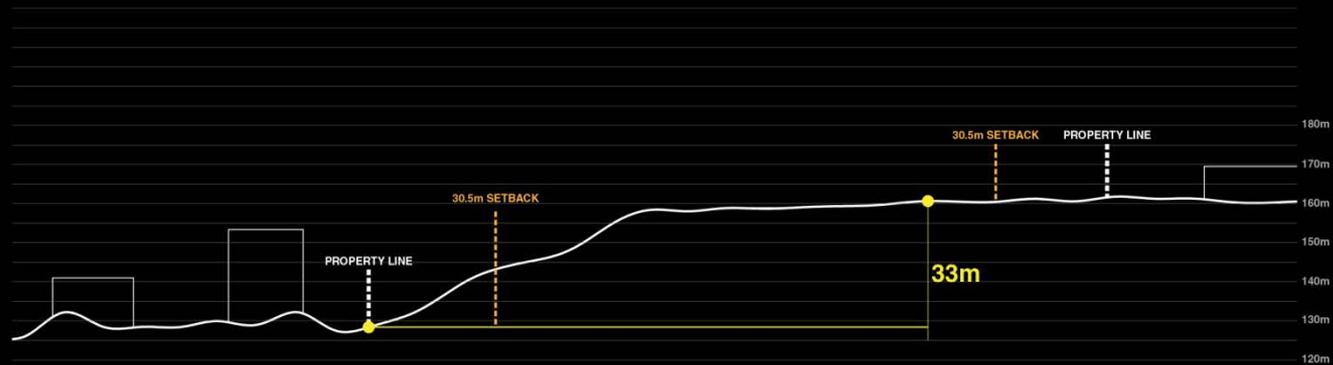
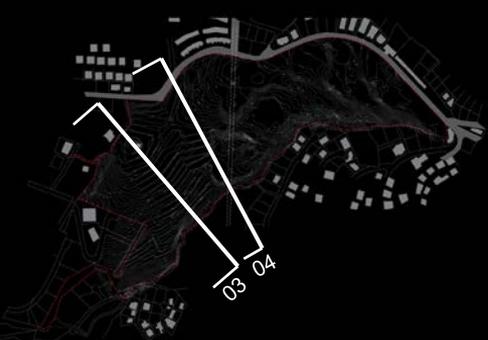
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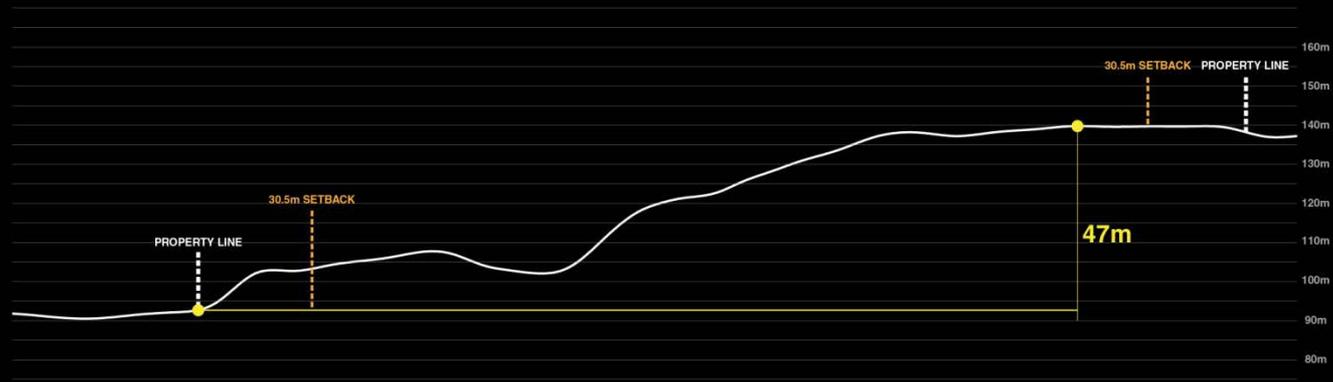
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SECTION 03



SECTION 04

SITE SECTIONS
EXISTING CONDITIONS



SITE USAGE & REDUCTION OF VERTICAL CLIMB

EXISTING CONDITIONS

200m |

| |

01



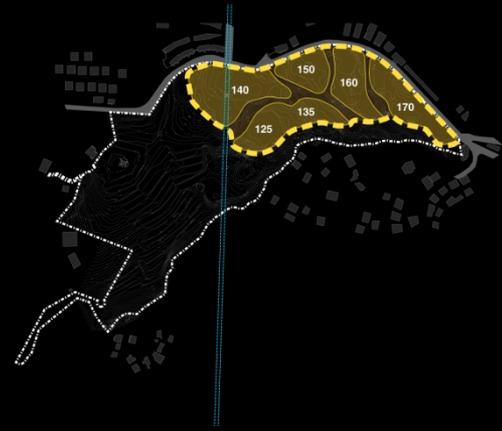
- CHANCERY
- HOUSING
- SUPPORT
- OPEN SPACE



1



2



3

SUMMARY OF INITIAL SITE STRATEGIES: NOVEMBER 2013

SITE ANALYSIS

- CHANCERY
- HOUSING
- SUPPORT
- OPEN SPACE



1



2



3

SUMMARY OF INITIAL SITE STRATEGIES: NOVEMBER 2013

SITE ANALYSIS

ARCHITECTURAL RESPONSE 2.0

BEIRUT NEW EMBASSY CAMPUS

PLANNING | SECURITY

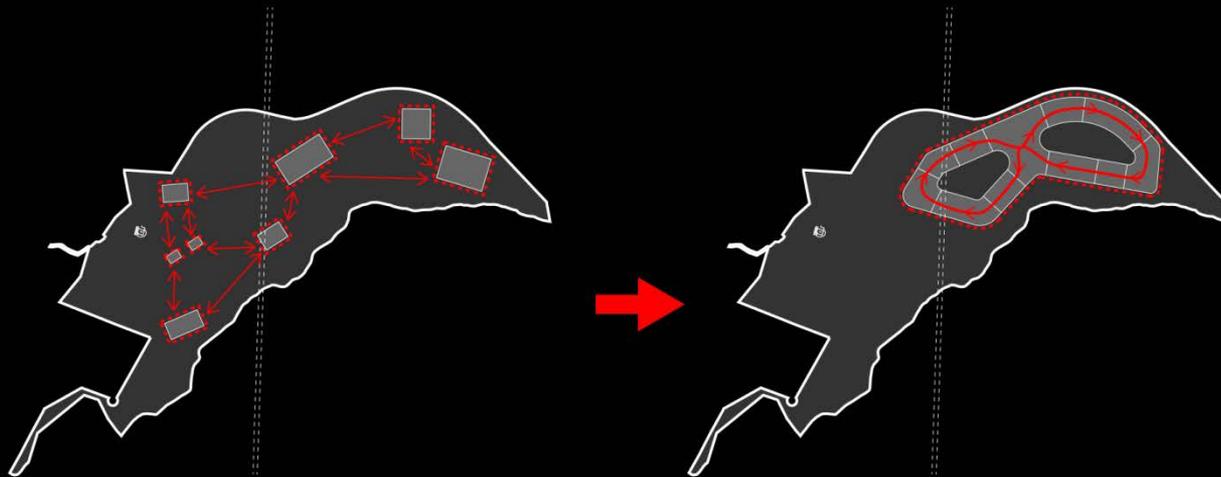
BEIRUT NEW EMBASSY CAMPUS



DISPERSED



CONDENSED



DISPERSED

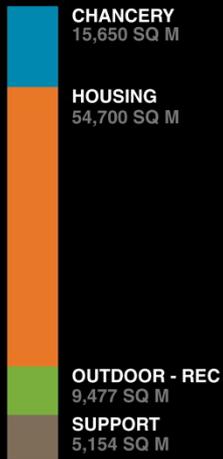
CONDENSED

BENEFITS:

- SHARED SECURE PERIMETER
- SHARED CIRCULATION
- SHARED SERVICES & BUILDING SYSTEMS
- SHARED FOUNDATIONS & BUILDING ENCLOSURE
- REDUCED COSTS

CAMPUS CONCEPT

PLANNING



SITE STRATEGY

CHANCERY
15,650 SQ M

HOUSING*
54,700 SQ M

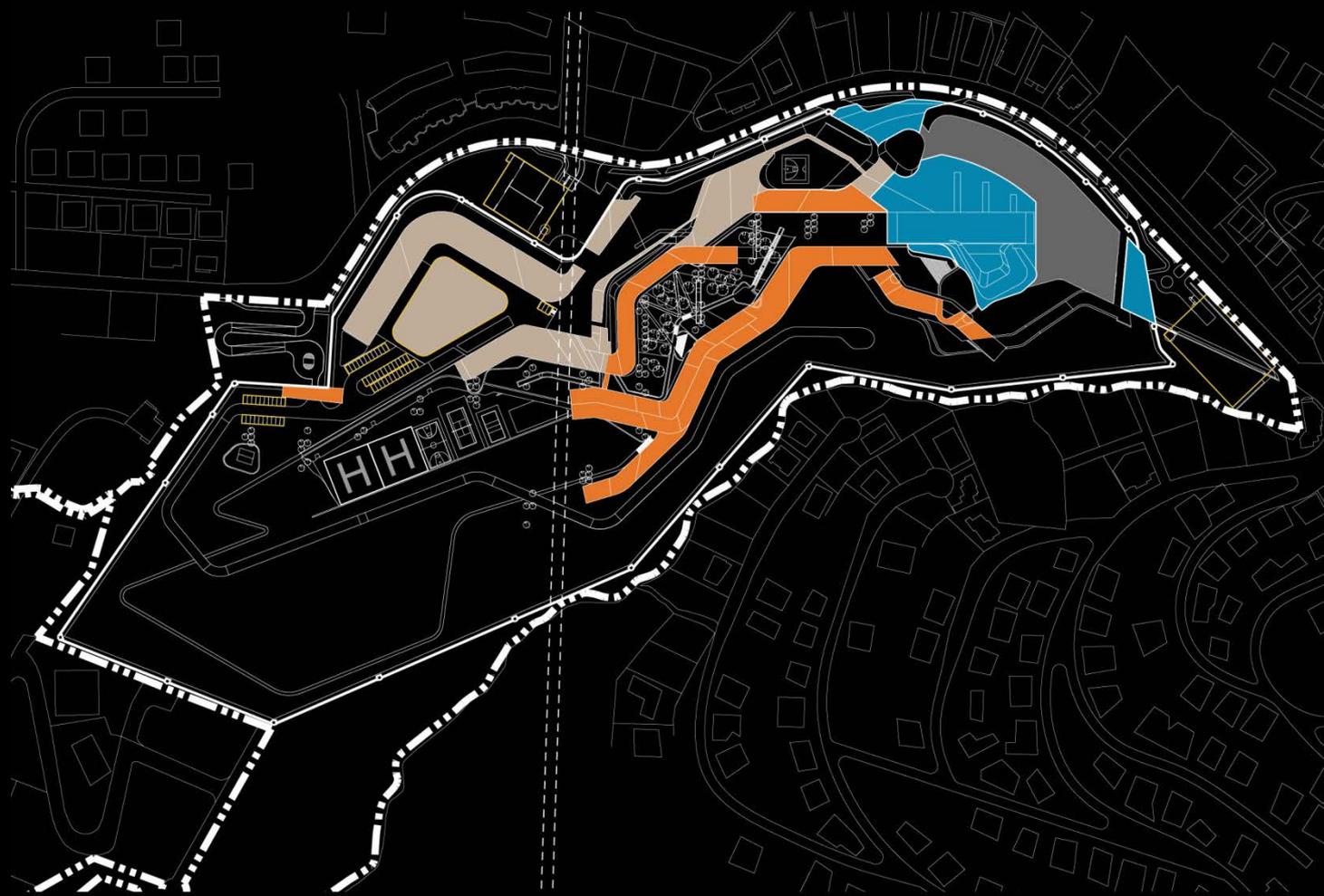
OUTDOOR - REC
9,477 SQ M

SUPPORT
5,154 SQ M

PARKING
16,292 SQ M

TOTAL
101,273SQ M (1,000,000sf)

USABLE SITE AREA = 1,075,932 sf / 44 acres



SITE PLAN

PLANNING

CHANCERY
15,650 SQ M

HOUSING*
54,700 SQ M

OUTDOOR - REC
9,477 SQ M

SUPPORT
5,154 SQ M

PARKING
16,292 SQ M

TOTAL
101,273SQ M (1,000,000sf)

USABLE SITE AREA = 1,075,932 sf / 44 acres



OVERALL SITE CIRCULATION

PLANNING

CHANCERY
15,650 SQ M

HOUSING*
54,700 SQ M

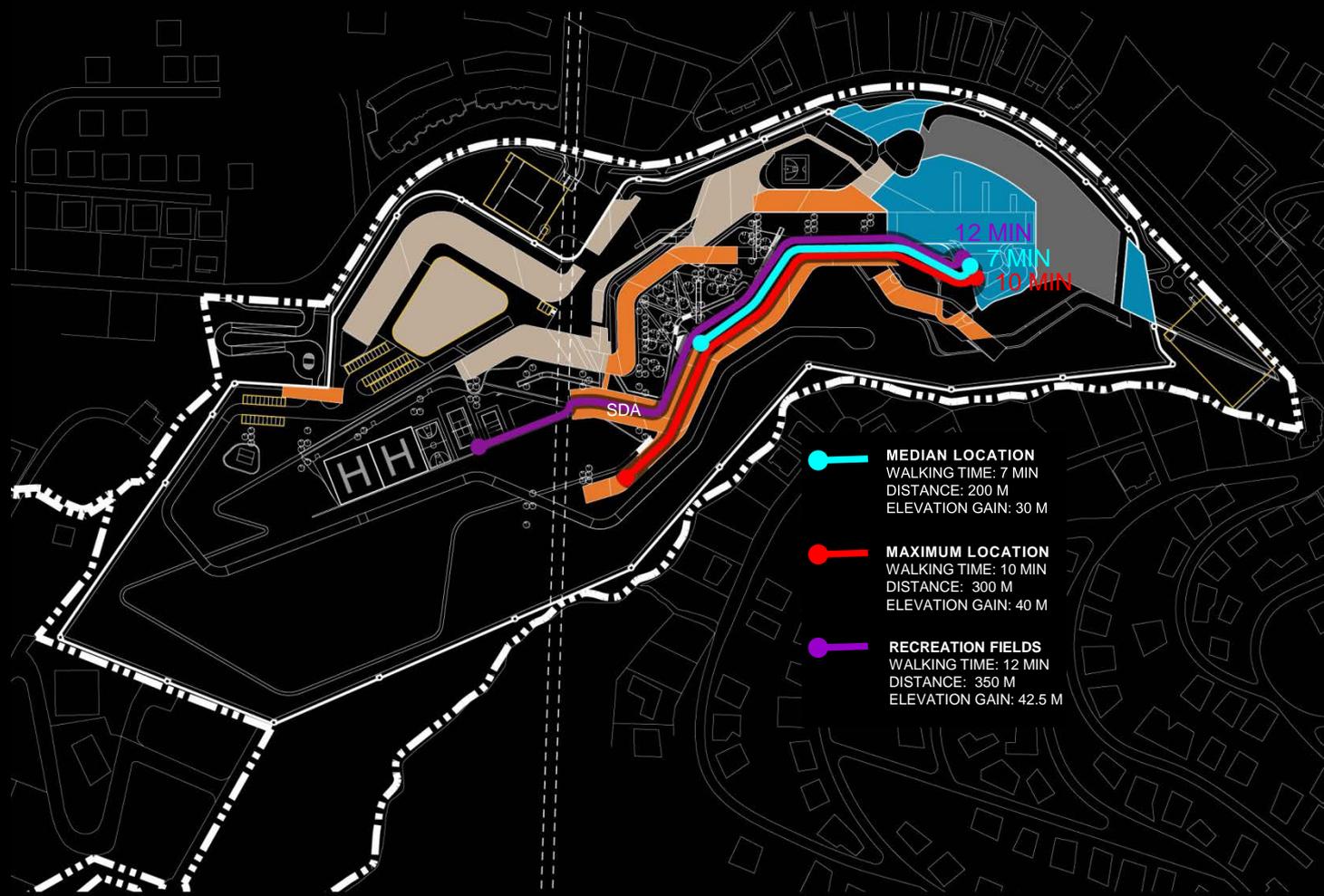
OUTDOOR - REC
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SUPPORT
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PARKING
16,292 SQ M

TOTAL
101,273SQ M (1,000,000sf)

USABLE SITE AREA = 1,075,932 sf / 44 acres



- MEDIAN LOCATION**
WALKING TIME: 7 MIN
DISTANCE: 200 M
ELEVATION GAIN: 30 M
- MAXIMUM LOCATION**
WALKING TIME: 10 MIN
DISTANCE: 300 M
ELEVATION GAIN: 40 M
- RECREATION FIELDS**
WALKING TIME: 12 MIN
DISTANCE: 350 M
ELEVATION GAIN: 42.5 M

OVERALL SITE COMMUTE TIMES



AERIAL VIEW

PLANNING

BUILDINGS & CIRCULATION

BEIRUT NEW EMBASSY CAMPUS



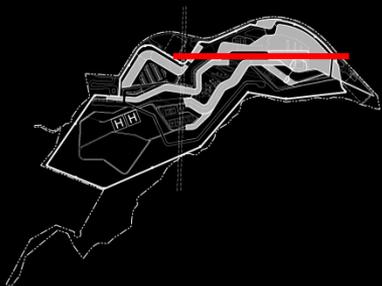
CHANCERY

CHANCERY



CHANCERY & CHIEF OF MISSION ENTRY PLAZA

CHANCERY



CHANCERY & HOUSING PLAZA SECTION

CHANCERY

90m | | | 01



CHANCERY LOBBY

CHANCERY



MAIN CAP & CONSULAR CAP ENTRIES, STAFF & VISITOR PARKING



SENSITIVE BUT UNCLASSIFIED

CHANCERY



MAIN CAP ENTRY

CHANCERY



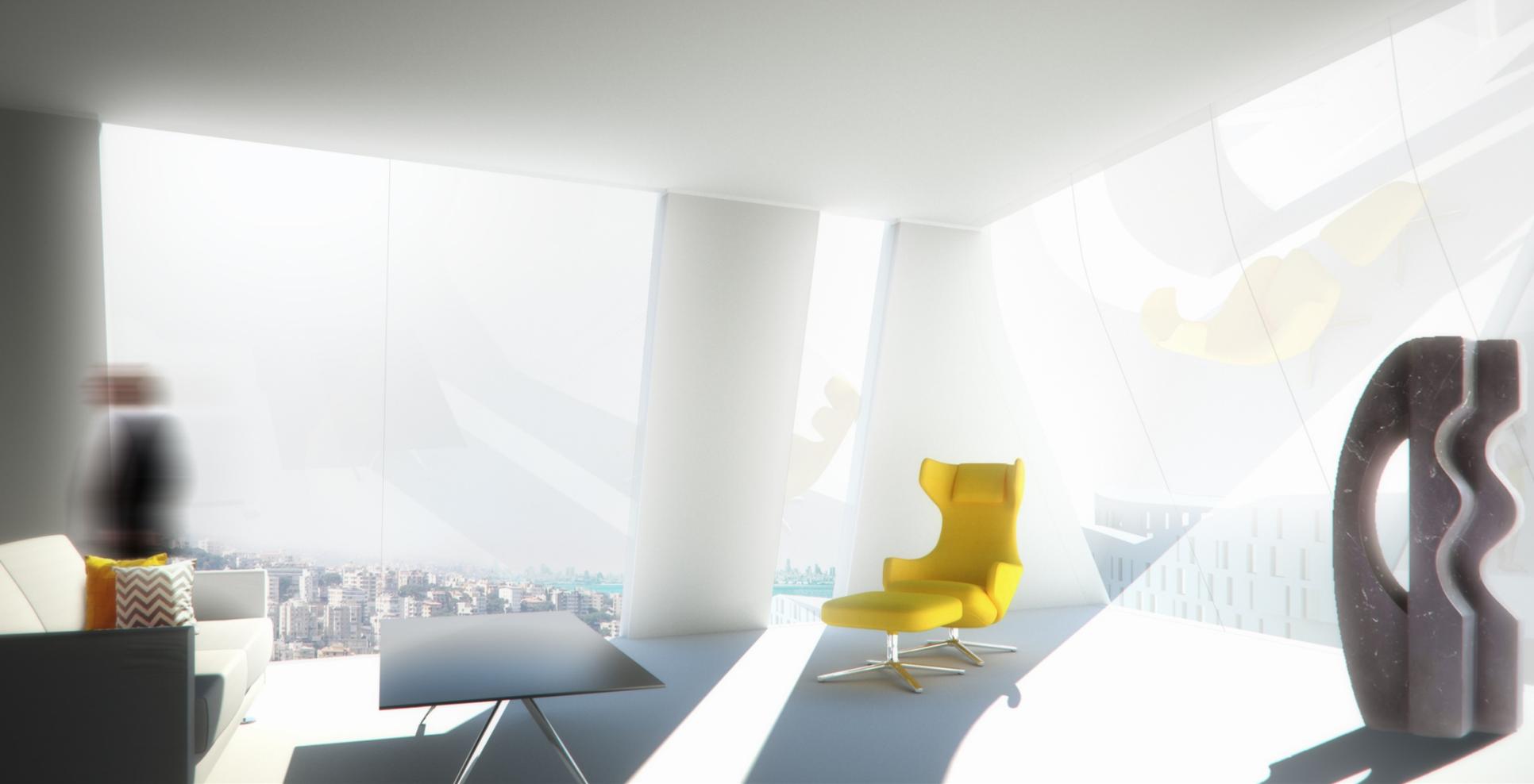
CHIEF OF MISSION & DEPUTY CHIEF OF MISSION RESIDENCES

CHIEF OF MISSION & DEPUTY CHIEF OF MISSION



CHANCERY & CHIEF OF MISSION ENTRY PLAZA

CHIEF OF MISSION & DEPUTY CHIEF OF MISSION



CHIEF OF MISSION RESIDENCE

CHIEF OF MISSION



STAFF HOUSING

STAFF DIPLOMATIC APARTMENTS



STAFF HOUSING

STAFF DIPLOMATIC APARTMENTS



STAFF HOUSING NEIGHBORHOODS

STAFF DIPLOMATIC APARTMENTS



STAFF APARTMENT COURTYARD & RECREATION FIELDS

SITE & BUILDINGS



STAFF HOUSING UNIT

STAFF DIPLOMATIC APARTMENTS



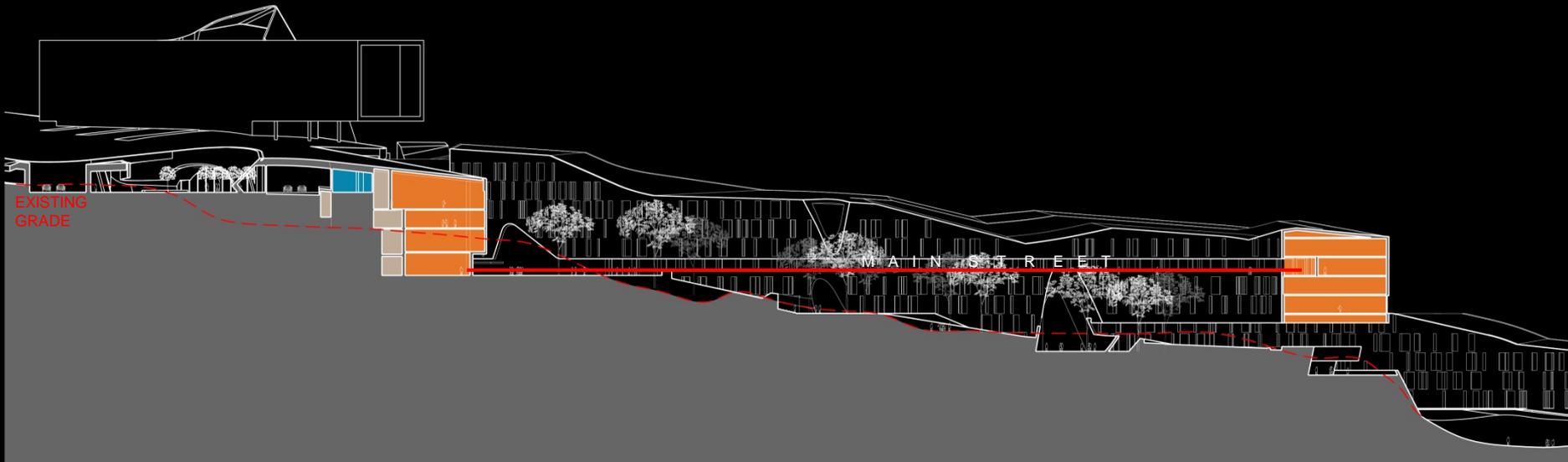
STAFF APARTMENT COURTYARD

STAFF DIPLOMATIC APARTMENTS



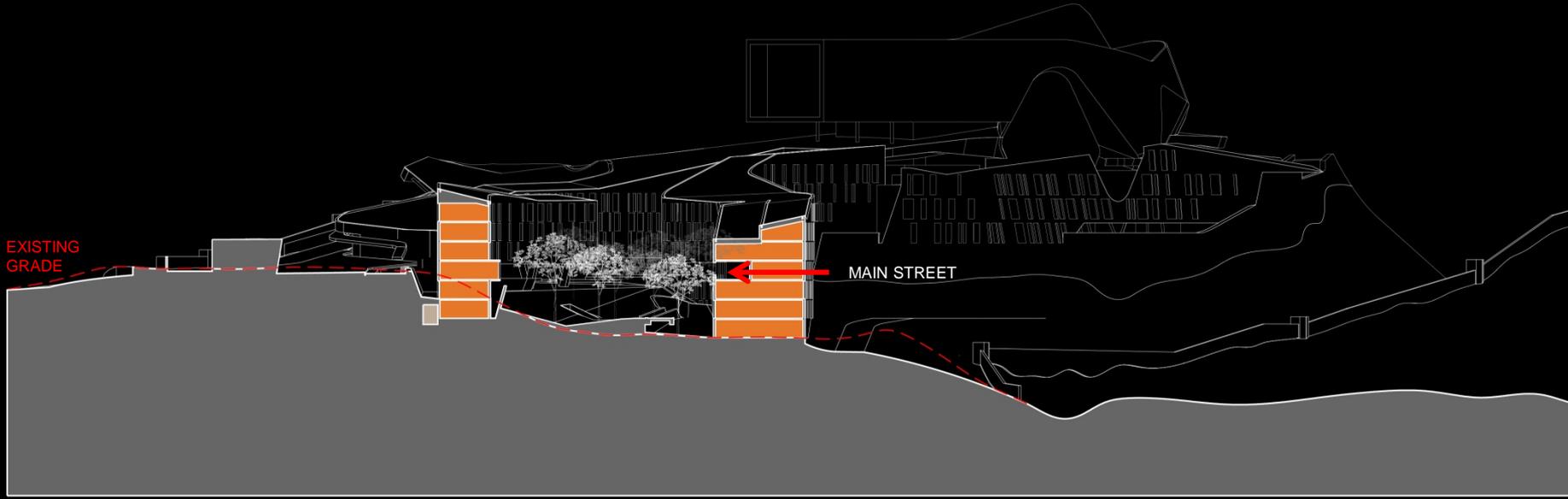
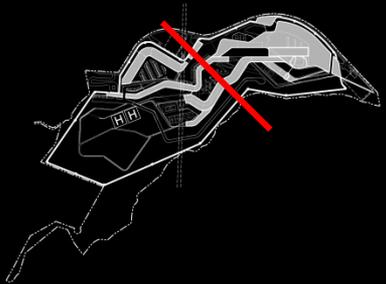
STAFF APARTMENT COURTYARD SIZE (SOCCER FIELD)

STAFF DIPLOMATIC APARTMENTS



STAFF HOUSING: MAIN STREET
STAFF DIPLOMATIC APARTMENTS

90m | | | 01



STAFF HOUSING: MAIN STREET
STAFF DIPLOMATIC APARTMENTS



STAFF HOUSING COURTYARD & MAIN STREET

STAFF DIPLOMATIC APARTMENTS



FITNESS & RECREATION

FITNESS & RECREATION



OUTDOOR RECREATION

FITNESS & RECREATION



COMMUNITY CENTER

MARINE SERVICE GUARD & COMMUNITY CENTER



MARINE SERVICE GUARD

MARINE SERVICE GUARD & COMMUNITY CENTER



MARINE SERVICE GUARD & COMMUNITY CENTER

MARINE SERVICE GUARD & COMMUNITY CENTER



TDY HOTEL

TEMPORARY DUTY QUARTERS



STAFF APARTMENT & COMMUNITY PLAZA

STAFF DIPLOMATIC APARTMENTS & TEMPORARY DUTY QUARTERS



REGIONAL SECURITY OFFICE

REGIONAL SECURITY OFFICE



WAREHOUSE, MAINTENANCE, SCAP, HCAP, PARKING

SERVICE & SUPPORT

CHANCERY
15,650 SQ M

HOUSING
54,700 SQ M

OUTDOOR - REC
9,477 SQ M

SUPPORT
5,154 SQ M

PARKING
16,292 SQ M



SITE PLAN

PLANNING



SOUTH ELEVATION

SITE & BUILDINGS



NORTH ELEVATION

SITE & BUILDINGS



SOUTHEAST ELEVATION

SITE & BUILDINGS



WEST ELEVATION

SITE & BUILDINGS

LANDSCAPE
BEIRUT NEW EMBASSY CAMPUS

3.0



LANDSCAPE ZONES

LANDSCAPE



PASSIVE & ACTIVE SPACES

LANDSCAPE



LANDSCAPE TYPOLOGY A — REPRESENTATION ZONES

LANDSCAPE TYPOLOGIES + TYPICAL PLANTING



LANDSCAPE TYPOLOGY B — EXISTING ECOLOGIES

LANDSCAPE TYPOLOGIES + TYPICAL PLANTING



LANDSCAPE TYPOLOGY C — PASSIVE & ACTIVE ZONES

LANDSCAPE TYPOLOGIES + TYPICAL PLANTING



LANDSCAPE TYPOLOGY D — ROOF TREATMENT

LANDSCAPE TYPOLOGIES + TYPICAL PLANTING



CINEMA



FOURTH OF JULY



CAMPUS EVENT SPACES

LANDSCAPE



ART INTEGRATION – CAMPUS & BUILDINGS

LANDSCAPE





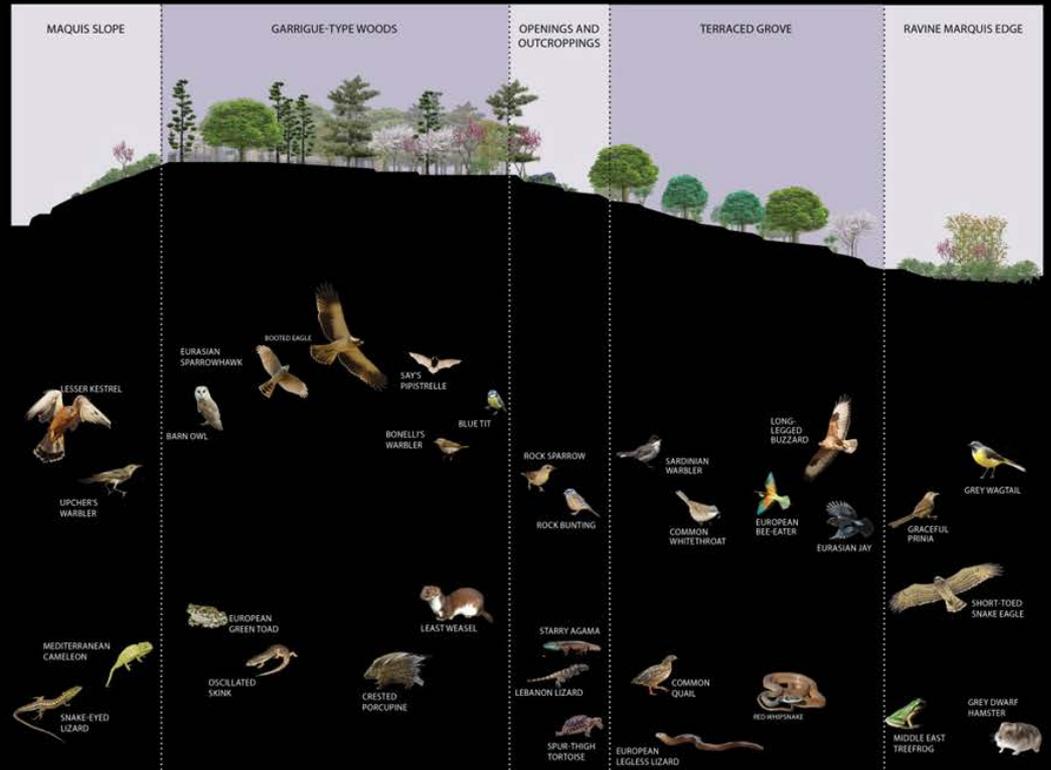
MAQUIS BROOM



GARRIGUE -TYPE WOODS



TERRACED GROVE



FLORA AND FAUNA MATRIX

SITE FLORA AND FAUNA

LANDSCAPE

LANDSCAPE TYPOLOGY A
CULTIVATED, REPRESENTATIONAL PLANTS



CUPRESSUS SEMPERVIRENS



PINUS PINEA



NERIUM OLEANDER



CYCAS REVOLUTAS



PHILLYREA LATIFOLIA



JACARANDA MIMOSIFOLIA



DODONAEA VISCOSA



MYRTUS COMMUNIS

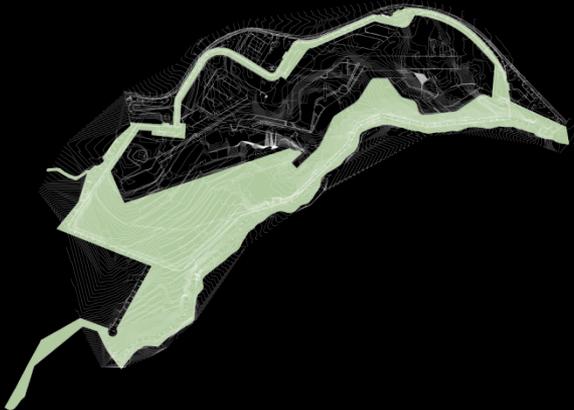


PUNICA GRANATUM 'NANA'



SPARTINUM JUNCEUM

LANDSCAPE TYPOLOGY B
XERISCAPE, NATIVE, AND ADAPTED PLANTS



QUERCUS COCCIFERA



PISTACIA TEREBINTHUS



CAPPARIS SPINOSA



GENISTA ACANTHOCLADA



THYMUS CAPITATUS



CERATONIA SILIQUA



ARBUTUS ADRACHNE



SARCOPTERIUM SPINOSUM



AGAVE AMERICANA

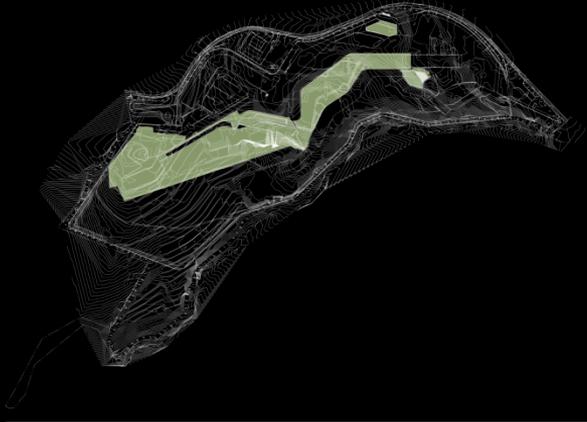


ORIGANUM SYRIACUM

LANDSCAPE TYPOLOGIES + TYPICAL PLANTING

LANDSCAPE TYPOLOGY C

XERISCAPE PLANTS TOLERANT TO PERIODIC IRRIGATION



CERCIS SILIQUASTRUM



FICUS CARINA



ECHIUM CANDICANS



ERICA DARLEYENSIS



CISTUS SALVIIFOLIUS



OLEA EUROPEA



LAURUS NOBILIS



LEUCOPHYLLUM SP.



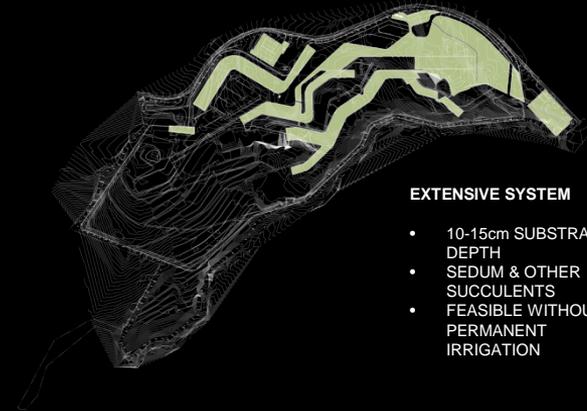
PRUNUS PERSICA



ROSMARINUS OFFICIANALIS

LANDSCAPE TYPOLOGY D

GREENROOF AND ROCK.SCAPE



EXTENSIVE SYSTEM

- 10-15cm SUBSTRATE DEPTH
- SEDUM & OTHER SUCCULENTS
- FEASIBLE WITHOUT PERMANENT IRRIGATION



SEDUM ALBUM

IMPROVED EXTENSIVE SYSTEM

- 15-25cm SUBSTRATE DEPTH
- INCREASED DIVERSITY
- LIMITED IRRIGATION IN SUMMER
- SUCCULENTS, PERENNIALS, SMALL BULBS



SALVIA FRUTICOSA



SEMPERVIVUM SP.



SEDUM DASYPHYLLUM



ALLIUM SP.



ORIGANUM SP.

LANDSCAPE TYPOLOGIES + TYPICAL PLANTING

LANDSCAPE



WALL + PAVING MATERIALS

LANDSCAPE