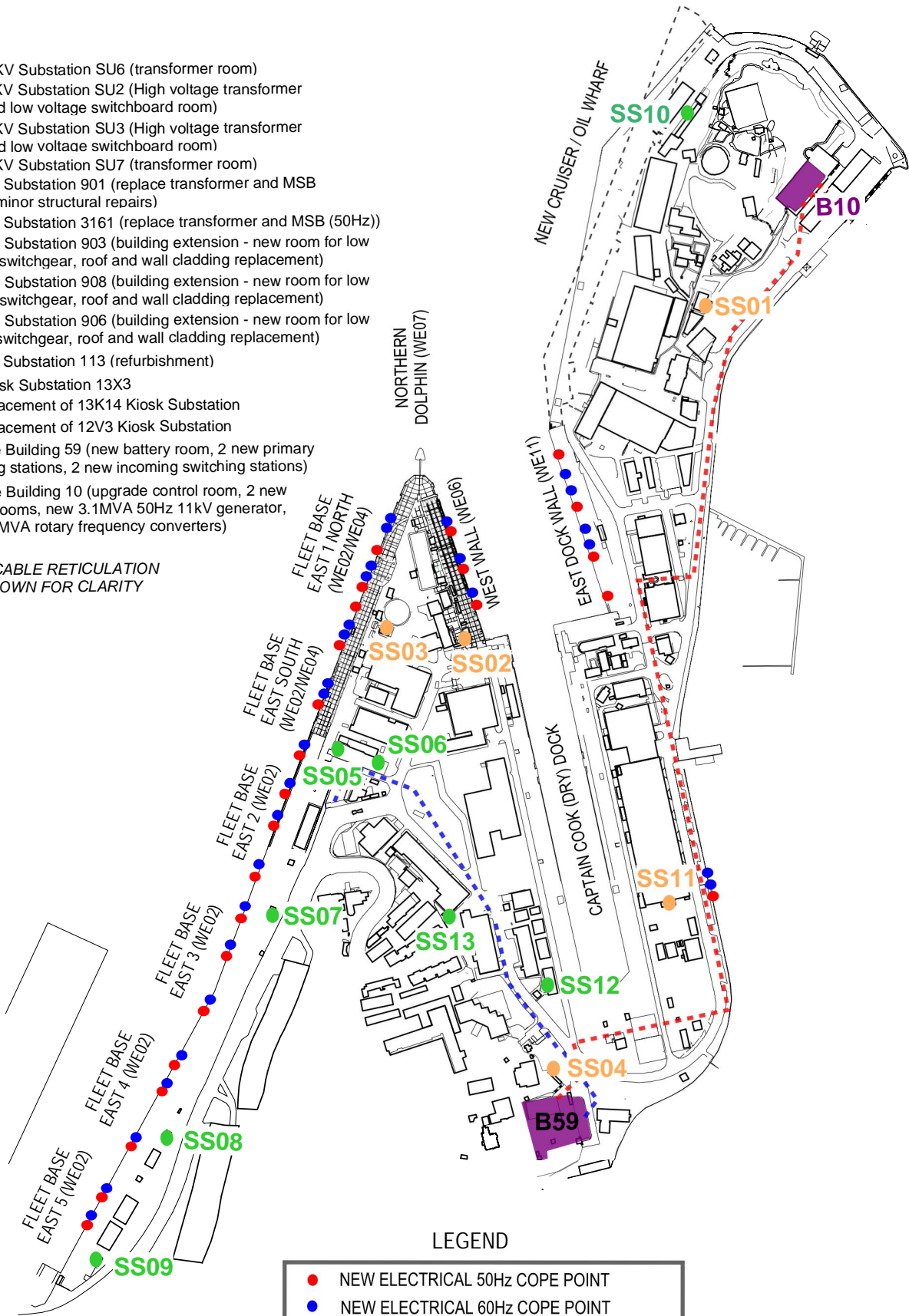


# ELECTRICAL SERVICES: ELECTRICAL SCOPE OVERVIEW

- SS01** New 33KV Substation SU6 (transformer room)
- SS02** New 11KV Substation SU2 (High voltage transformer room and low voltage switchboard room)
- SS03** New 11KV Substation SU3 (High voltage transformer room and low voltage switchboard room)
- SS04** New 33KV Substation SU7 (transformer room)
- SS05** Upgrade Substation 901 (replace transformer and MSB (60Hz), minor structural repairs)
- SS06** Upgrade Substation 3161 (replace transformer and MSB (50Hz))
- SS07** Upgrade Substation 903 (building extension - new room for low voltage switchgear, roof and wall cladding replacement)
- SS08** Upgrade Substation 908 (building extension - new room for low voltage switchgear, roof and wall cladding replacement)
- SS09** Upgrade Substation 906 (building extension - new room for low voltage switchgear, roof and wall cladding replacement)
- SS10** Upgrade Substation 113 (refurbishment)
- SS11** New Kiosk Substation 13X3
- SS12** Full replacement of 13K14 Kiosk Substation
- SS13** Full replacement of 12V3 Kiosk Substation
- B59** Upgrade Building 59 (new battery room, 2 new primary switching stations, 2 new incoming switching stations)
- B10** Upgrade Building 10 (upgrade control room, 2 new battery rooms, new 3.1MVA 50Hz 11kV generator, 2 new 5MVA rotary frequency converters)

NOTE: CABLE RETICULATION NOT SHOWN FOR CLARITY



## LEGEND

- NEW ELECTRICAL 50Hz COPE POINT
- NEW ELECTRICAL 60Hz COPE POINT
- NEW ELECTRICAL SUBSTATION
- EXISTING ELECTRICAL SUBSTATION WORKS
- EXISTING BUILDING WORKS
- NEW 33KV ELECTRICAL INCOMING FEEDERS
- 33KV FEEDER SUPPLY

