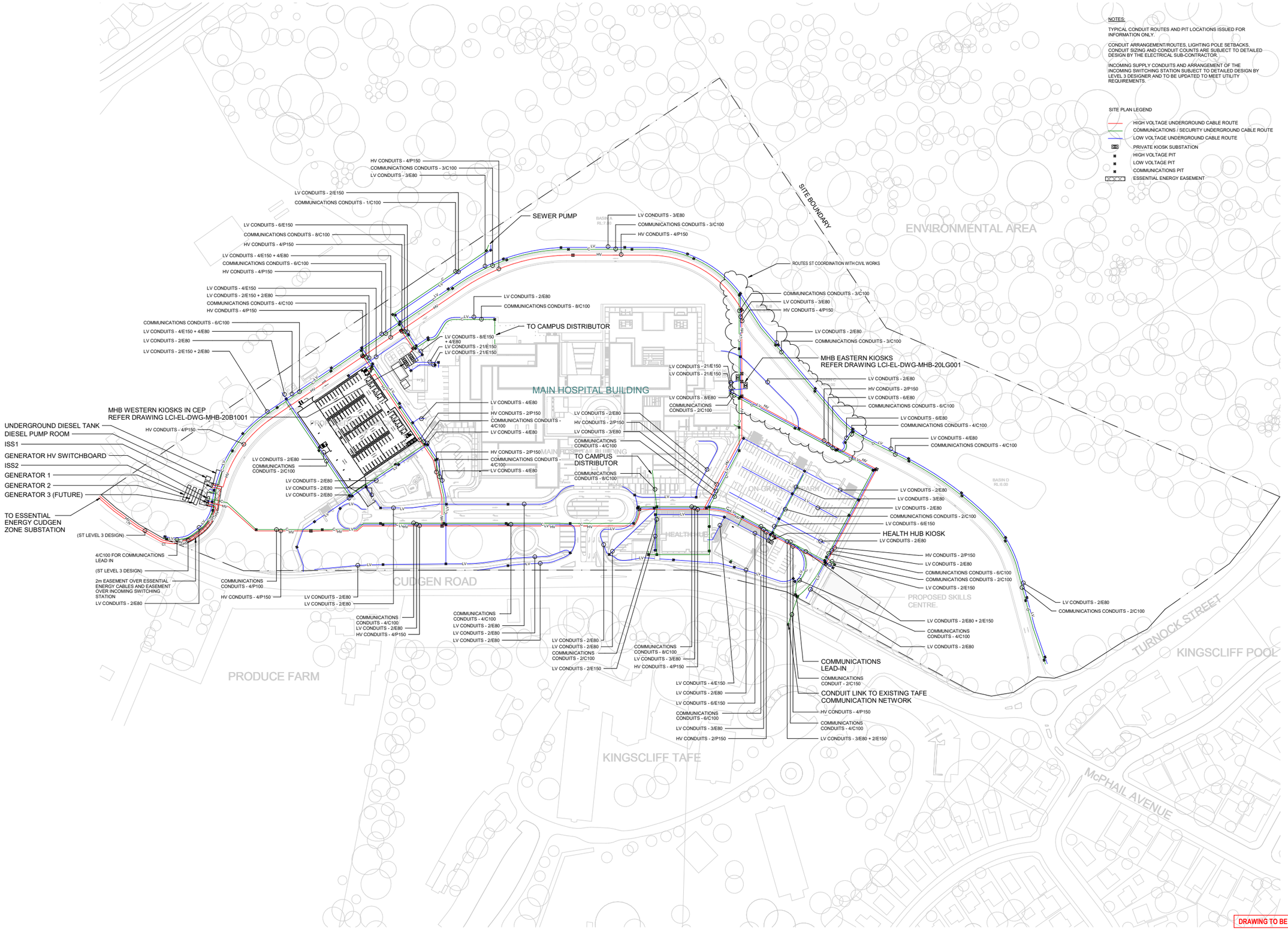
ELECTRICAL ENGINEERING DRAWINGS





NOTES:

TYPICAL CONDUIT ROUTES AND PIT LOCATIONS ISSUED FOR INFORMATION ONLY.

CONDUIT ARRANGEMENT/ROUTES, LIGHTING POLE SETBACKS, CONDUIT SIZING AND CONDUIT COUNTS ARE SUBJECT TO DETAILED DESIGN BY THE ELECTRICAL SUB-CONTRACTOR.

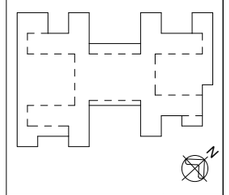
INCOMING SUPPLY CONDUITS AND ARRANGEMENT OF THE INCOMING SWITCHING STATION SUBJECT TO DETAILED DESIGN BY LEVEL 3 DESIGNER AND TO BE UPDATED TO MEET UTILITY REQUIREMENTS.

SITE PLAN LEGEND

- HIGH VOLTAGE UNDERGROUND CABLE ROUTE
- COMMUNICATIONS / SECURITY UNDERGROUND CABLE ROUTE
- LOW VOLTAGE UNDERGROUND CABLE ROUTE
- PRIVATE KIOSK SUBSTATION
- HIGH VOLTAGE PIT
- LOW VOLTAGE PIT
- COMMUNICATIONS PIT
- ESSENTIAL ENERGY EASEMENT

DRAWING TO BE PRINTED IN COLOUR

KEY PLAN



REV	DESCRIPTION	DRN	DATE
01	PRELIMINARY DRAWING	DC	28.06.19
02	100% SCHEMATIC DEVELOPMENT	BH	10.07.19
03	SSD 2	BH	09.08.19
04	SSD 2	BH	12.09.19
05	SSD 2	BH	21.02.20

COPYRIGHT

ALL RIGHTS RESERVED. THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS (GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING) WITHOUT THE WRITTEN PERMISSION OF THE PRINCIPAL UNDER THE TERMS OF THE CONTRACT. ANY LICENCE, EXPRESS OR IMPLIED, TO USE THE DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT OR IMPLIED AGREEMENT WITH THE PRINCIPAL UNDER THE TERMS OF THE CONTRACT.

DIMENSIONS

USE FIGURED DIMENSIONS, DO NOT SCALE. CONTRACTORS MUST VERIFY ALL DIMENSIONS ON THE SITE BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWING WHICH MUST BE SUBMITTED AND REVIEWED BEFORE MANUFACTURE.

100% SCHEMATIC DEVELOPMENT

MAIN CONTRACTOR

lendlease

SERVICES CONSULTANTS

LCI CONSULTANTS (AUSTRALIA) PTY LTD

LEVEL 4, 73 WALKER STREET, NORTH SYDNEY, NSW, 2060
ABN: 92 124 107 973

PROJECT MANAGER

TSA MANAGEMENT

CLIENT

NSW GOVERNMENT Health Infrastructure | Health Northern NSW Local Health District

PROJECT

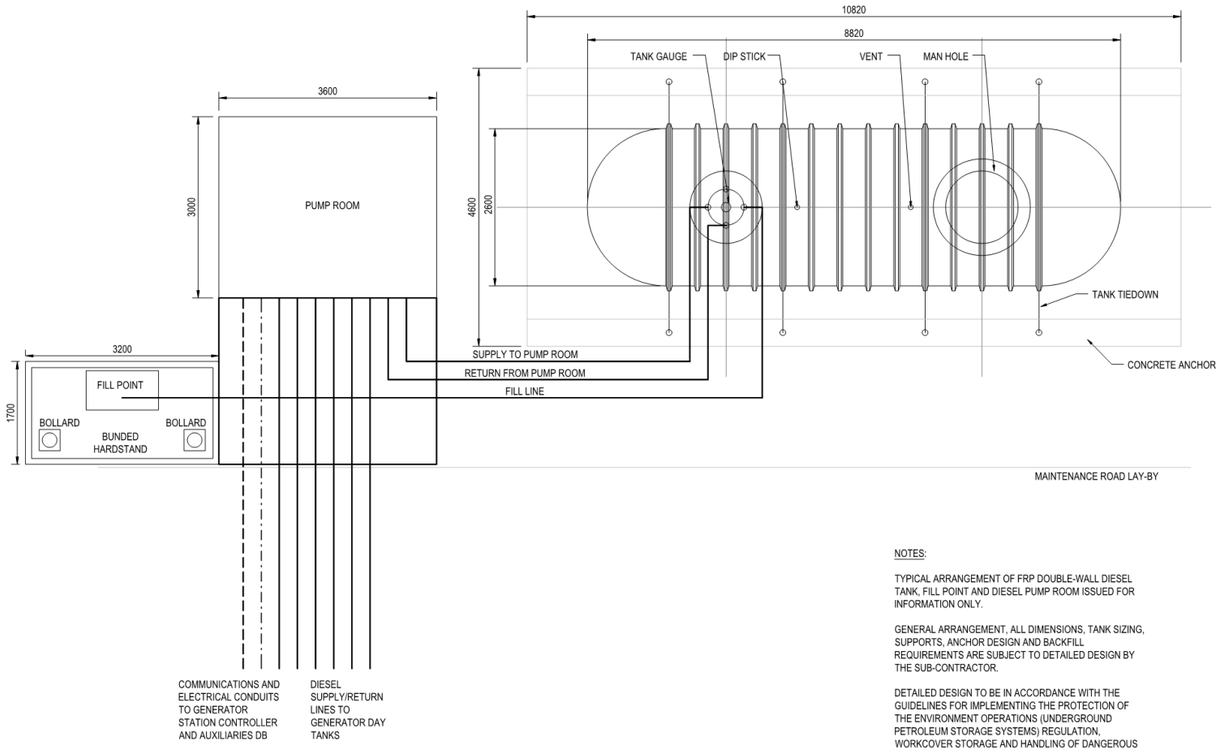
TWEED VALLEY HOSPITAL

DRAWING TITLE

ELECTRICAL / COMMUNICATIONS RETICULATION LAYOUT CIVIL WORKS

SCALE	DATE	DRAWN BY	CHECKED
1 : 1000@A0	10.07.19	BH	MM

PROJECT No	DRAWING No	REVISION
18202	LCI-EL-DWG-SSI-1000003	05



NOTES:

TYPICAL ARRANGEMENT OF FRP DOUBLE-WALL DIESEL TANK, FILL POINT AND DIESEL PUMP ROOM ISSUED FOR INFORMATION ONLY.

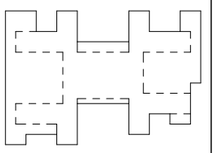
GENERAL ARRANGEMENT, ALL DIMENSIONS, TANK SIZING, SUPPORTS, ANCHOR DESIGN AND BACKFILL REQUIREMENTS ARE SUBJECT TO DETAILED DESIGN BY THE SUB-CONTRACTOR.

DETAILED DESIGN TO BE IN ACCORDANCE WITH THE GUIDELINES FOR IMPLEMENTING THE PROTECTION OF THE ENVIRONMENT OPERATIONS (UNDERGROUND PETROLEUM STORAGE SYSTEMS) REGULATION, WORKCOVER STORAGE AND HANDLING OF DANGEROUS GOODS CODE OF PRACTICE, AS 1940, AS 1692 AND AS 4897.

STRUCTURAL ENGINEER TO ALLOW SUFFICIENT SPACE BETWEEN PUMP ROOM AND TANK EXCAVATION SUCH THAT THE EXCAVATION AND FUEL TANK IS OUTSIDE THE FOOTINGS ACTIONS ZONE.

DRAWING TO BE PRINTED IN COLOUR

KEY PLAN



REV	DESCRIPTION	DRN	DATE
01	100% SCHEMATIC DEVELOPMENT	BH	10.07.19

COPYRIGHT

ALL RIGHTS RESERVED. THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS (GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING) WITHOUT THE WRITTEN PERMISSION OF THE PRINCIPAL UNLESS THE TERMS OF THE CONTRACT ARE VIOLATED, EXPRESSLY AUTHORISED TO USE THE DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT OR IMPLIED AGREEMENT WITH THE PRINCIPAL UNDER THE TERMS OF THE CONTRACT.

DIMENSIONS

USE FIGURED DIMENSIONS, DO NOT SCALE. CONTRACTORS MUST VERIFY ALL DIMENSIONS ON THE SITE BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWING WHICH MUST BE SUBMITTED AND REVIEWED BEFORE MANUFACTURE.

100% SCHEMATIC DEVELOPMENT

MAIN CONTRACTOR

lendlease

SERVICES CONSULTANTS

LCI

LCI CONSULTANTS (AUSTRALIA) PTY LTD

LEVEL 4, 73 WALKER STREET, NORTH SYDNEY, NSW, 2060
ABN: 92 124 107 073

PROJECT MANAGER

TSA MANAGEMENT

CLIENT

NSW GOVERNMENT Health Infrastructure | Health Northern NSW Local Health District

PROJECT

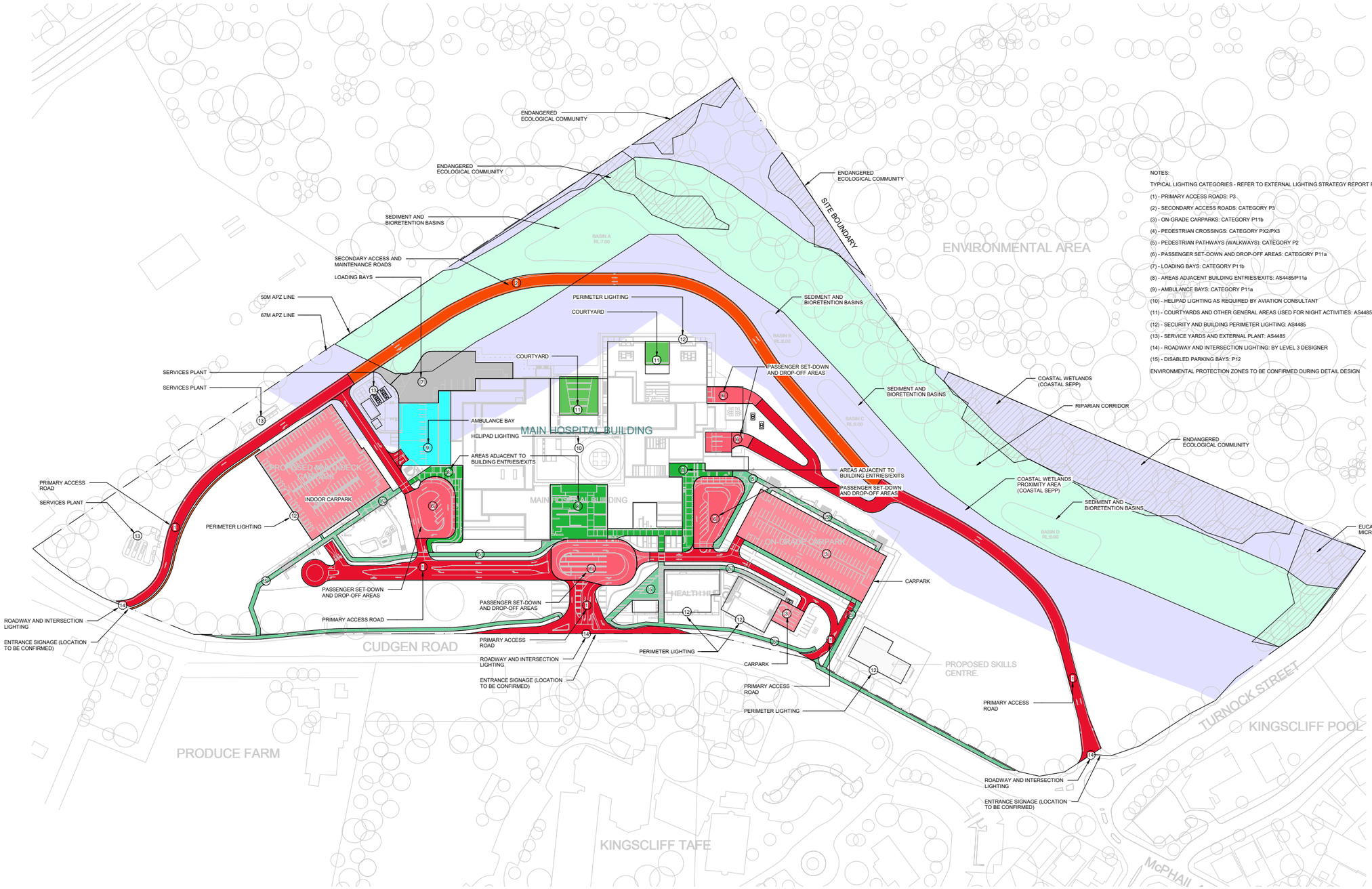
TWEED VALLEY HOSPITAL

DRAWING TITLE

ELECTRICAL SERVICES
DIESEL BULK FUEL TANK

SCALE	DATE	DRAWN BY	CHECKED
@A0	10.07.19	BH	MM

PROJECT No	DRAWING No	REVISION
18202	LCI-EL-DWG-SSI-6400002	01



NOTES:

TYPICAL LIGHTING CATEGORIES - REFER TO EXTERNAL LIGHTING STRATEGY REPORT FOR FURTHER DETAILS:

(1) - PRIMARY ACCESS ROADS: P3

(2) - SECONDARY ACCESS ROADS: CATEGORY P3

(3) - ON-GRADE CARPARKS: CATEGORY P11b

(4) - PEDESTRIAN CROSSINGS: CATEGORY PX2/PX3

(5) - PEDESTRIAN PATHWAYS (WALKWAYS): CATEGORY P2

(6) - PASSENGER SET-DOWN AND DROP-OFF AREAS: CATEGORY P11a

(7) - LOADING BAYS: CATEGORY P11b

(8) - AREAS ADJACENT BUILDING ENTRIES/EXITS: AS4485/P11a

(9) - AMBULANCE BAYS: CATEGORY P11a

(10) - HELIPAD LIGHTING AS REQUIRED BY AVIATION CONSULTANT

(11) - COURTYARDS AND OTHER GENERAL AREAS USED FOR NIGHT ACTIVITIES: AS4485

(12) - SECURITY AND BUILDING PERIMETER LIGHTING: AS4485

(13) - SERVICE YARDS AND EXTERNAL PLANT: AS4485

(14) - ROADWAY AND INTERSECTION LIGHTING: BY LEVEL 3 DESIGNER

(15) - DISABLED PARKING BAYS: P12

ENVIRONMENTAL PROTECTION ZONES TO BE CONFIRMED DURING DETAIL DESIGN

DRAWING TO BE PRINTED IN COLOUR

KEY PLAN

N

KEY	DESCRIPTION	DRN	DATE
01	PRELIMINARY DRAWING	DC	28.06.19
02	100% SCHEMATIC DEVELOPMENT	BH	10.07.19
03	SSD 2	BH	09.08.19
04	SSD 2	BH	12.09.19

COPYRIGHT

ALL RIGHTS RESERVED. THIS WORK IS COPYRIGHT AND CANNOT BE REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS (GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING) WITHOUT THE WRITTEN PERMISSION OF THE PRINCIPAL UNDER THE TERMS OF THE CONTRACT. ANY LICENCE, EXPRESS OR IMPLIED, TO USE THE DOCUMENT FOR ANY PURPOSE WHATSOEVER IS RESTRICTED TO THE TERMS OF THE AGREEMENT OR IMPLIED AGREEMENT WITH THE PRINCIPAL UNDER THE TERMS OF THE CONTRACT.

DIMENSIONS

USE FIGURED DIMENSIONS, DO NOT SCALE. CONTRACTORS MUST VERIFY ALL DIMENSIONS ON THE SITE BEFORE COMMENCING ANY WORK OR MAKING ANY SHOP DRAWING WHICH MUST BE SUBMITTED AND REVIEWED BEFORE MANUFACTURE.

100% SCHEMATIC DEVELOPMENT

MAIN CONTRACTOR

lendlease

SERVICES CONSULTANTS

LCI CONSULTANTS (AUSTRALIA) PTY LTD

LEVEL 4, 73 WALKER STREET, NORTH SYDNEY, NSW, 2060
ABN: 92 124 107 873

PROJECT MANAGER

TSA MANAGEMENT

CLIENT

NSW GOVERNMENT Health Infrastructure | Health Northern NSW Local Health District

PROJECT

TWEED VALLEY HOSPITAL

DRAWING TITLE

ELECTRICAL SERVICES LIGHTING STRATEGY SITE PLAN

SCALE	DATE	DRAWN BY	CHECKED
1 : 1000@A0	10.07.19	BH	MM

PROJECT No	DRAWING No	REVISION
18202	LCI-EL-DWG-SSI-1000002	04