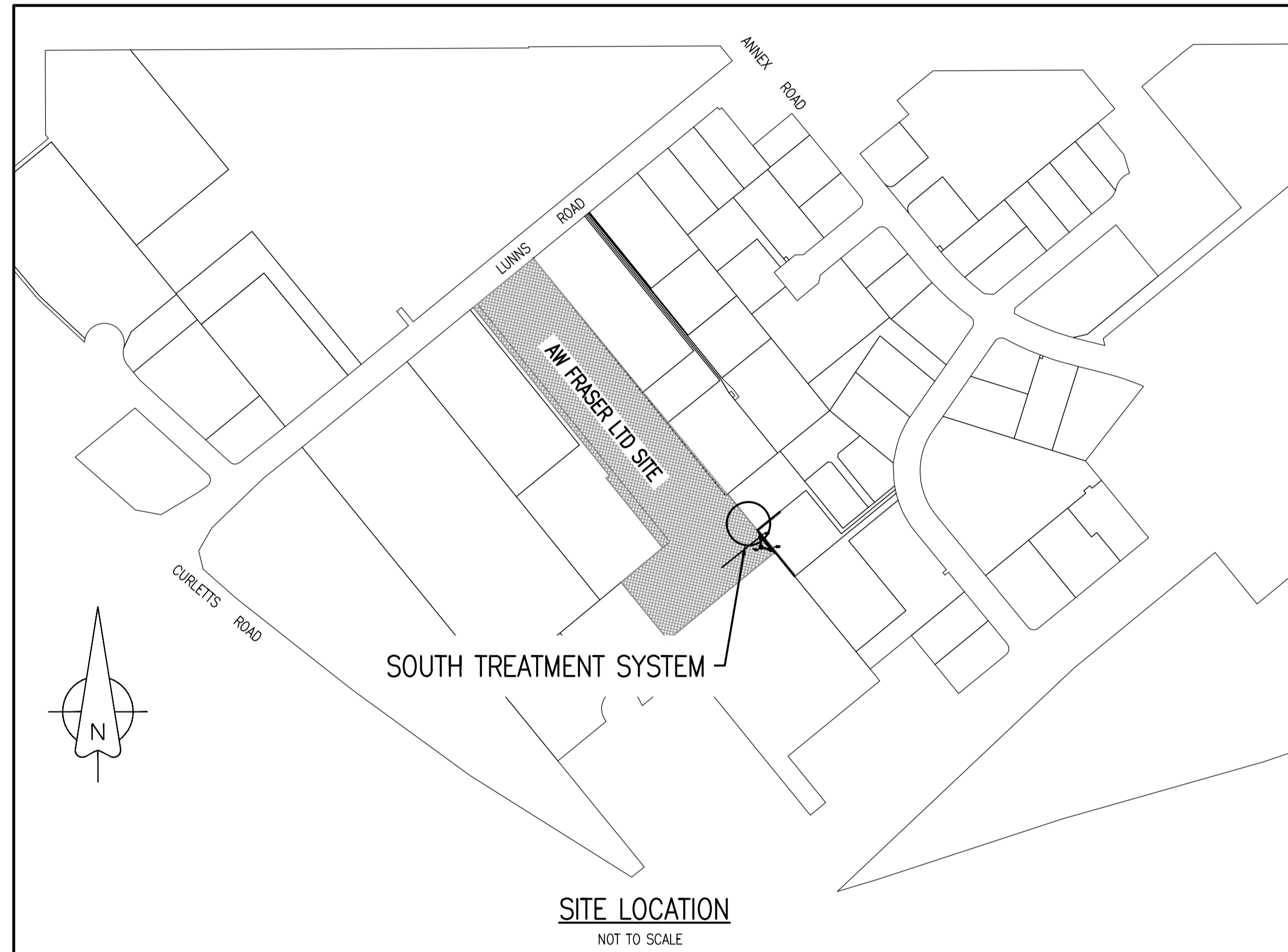


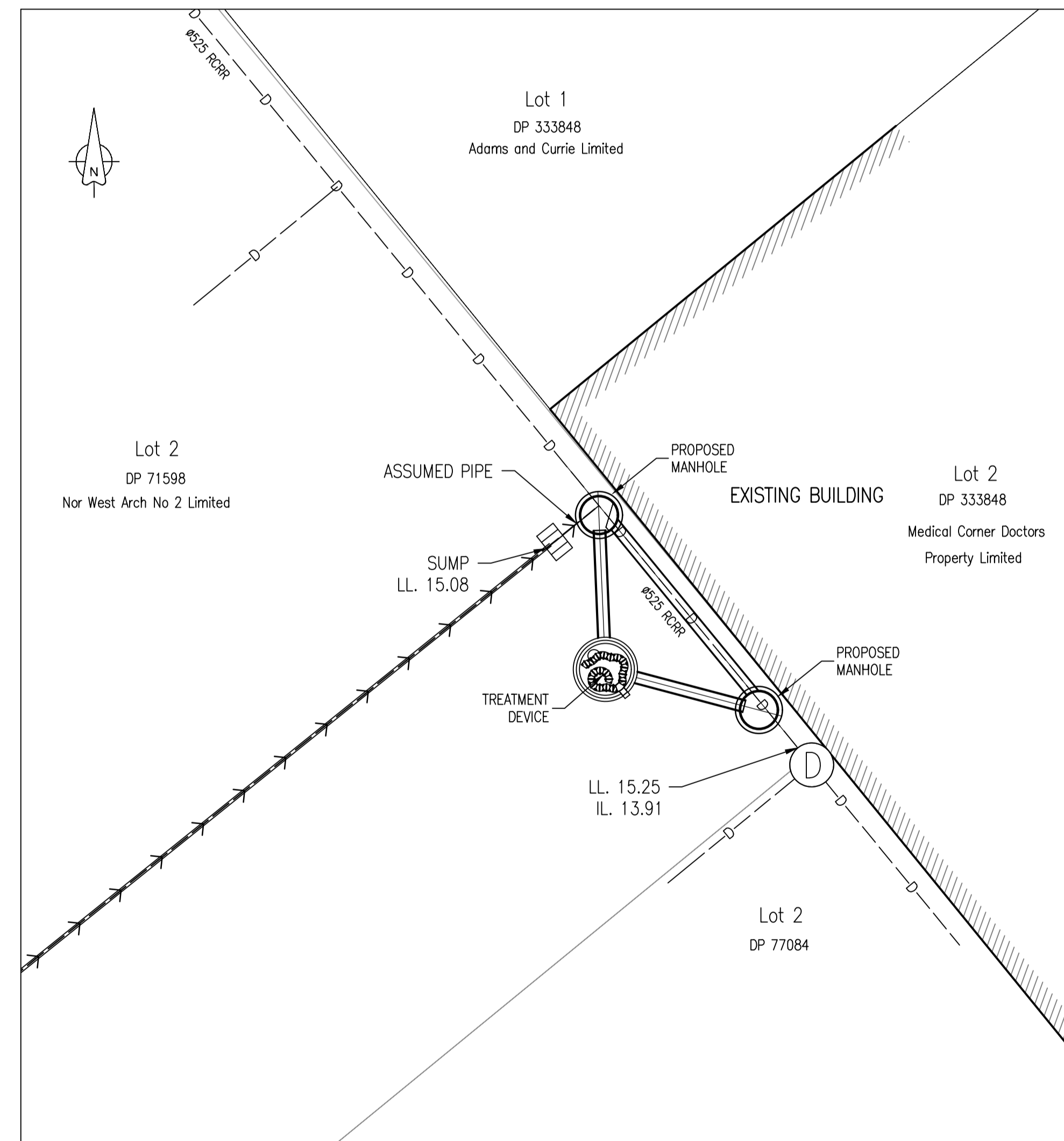
# 39 LUNNS ROAD, CHRISTCHURCH

**NOTES:**

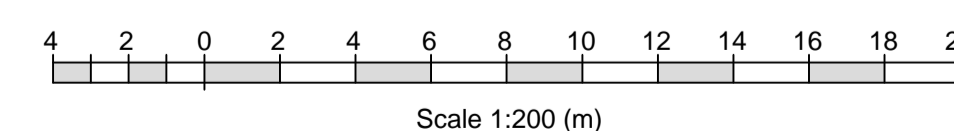
1. SURFACE SURVEYED BY e2 DRONE 2018. INVERTS BY E2. LEVELS IN TERMS OF CCC DATUM.
2. THE CONTRACTOR IS TO OBTAIN A CURRENT COPY OF ALL SERVICE AUTHORITY RECORDS PRIOR TO COMMENCING SITE WORKS. THE CONTRACTOR IS TO SEARCH FOR, LOCATE AND PROTECT ALL EXISTING SERVICES AND SHALL NOT COMMENCE PHYSICAL SITE WORKS UNTIL THE POSITIONS OF ALL SERVICES ARE KNOWN AND ARE LOCATED ON THE GROUND AS CLOSE AS IS PRACTICABLE.
3. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST REVISION OF:  
CHRISTCHURCH CITY COUNCIL ENGINEERING CODE OF PRACTICE  
CCC CSS PARTS 1-7:2017.
4. PRECEDENCE SHALL BE GIVEN TO THE STANDARDS GENERALLY IN THE ORDER AS SHOWN ABOVE, HOWEVER WHERE CONFLICTS ARISE OR DIRECTION IS REQUIRED, THE DECISION OF THE ENGINEER SHALL BE FINAL.
5. ALL WORK SHALL BE CARRIED OUT TO THE SATISFACTION OF THE ENGINEER AND CHRISTCHURCH CITY COUNCIL OFFICERS.



DRAWING No.	DRAWING TITLE
200	COVER SHEET
210	SITE PLAN & EXISTING SERVICES – 1 OF 2
211	SITE PLAN & EXISTING SERVICES – 2 OF 2
212	SOUTH TREATMENT SYSTEM



**SOUTH TREATMENT SYSTEM**  
SCALE 1:200



**LEGEND**

- 15.596 — MAJOR CONTOUR
- - - - - MINOR CONTOUR
- - - - - EXISTING EDGE OF SEAL
- // — EXISTING FENCE
- W — EXISTING WATER
- ⊠ EXISTING WATER METER
- ⊠ EXISTING FIRE HYDRANT
- ⊠ EXISTING WATER VALVE
- S — EXISTING SEWER
- ⊙ EXISTING SEWER MANHOLE
- D — EXISTING STORMWATER
- ⊙ EXISTING STORMWATER MH
- ⊠ EXISTING SUMP

Rev	Comments	Approved	Date
D	HYNDS UP-FLO SYSTEM	AJT	08.07.19
C	FOR APPROVAL	AJT	20.02.19
B	FOR APPROVAL	AJT	13.08.18
A	FOR APPROVAL	AJT	07.08.18

THIS DESIGN AND DRAWING IS COPYRIGHT OF E2ENVIRONMENTAL LTD AND SHALL NOT BE USED OR REPRODUCED WITHOUT WRITTEN AUTHORITY



Unit 1/46 Acheron Drive PO Box 31159 Christchurch  
P 64 3 358 4955 www.e2environmental.com

Client  
**AW FRASER STEEL Ltd**

Designed by	Drawn by	Checked by	Approved by	Approved by Date
AT	MP	AT	AT	07.08.18

Project  
**39 LUNNS ROAD  
CHRISTCHURCH**

Title  
**COVER SHEET**

**DRAFT**

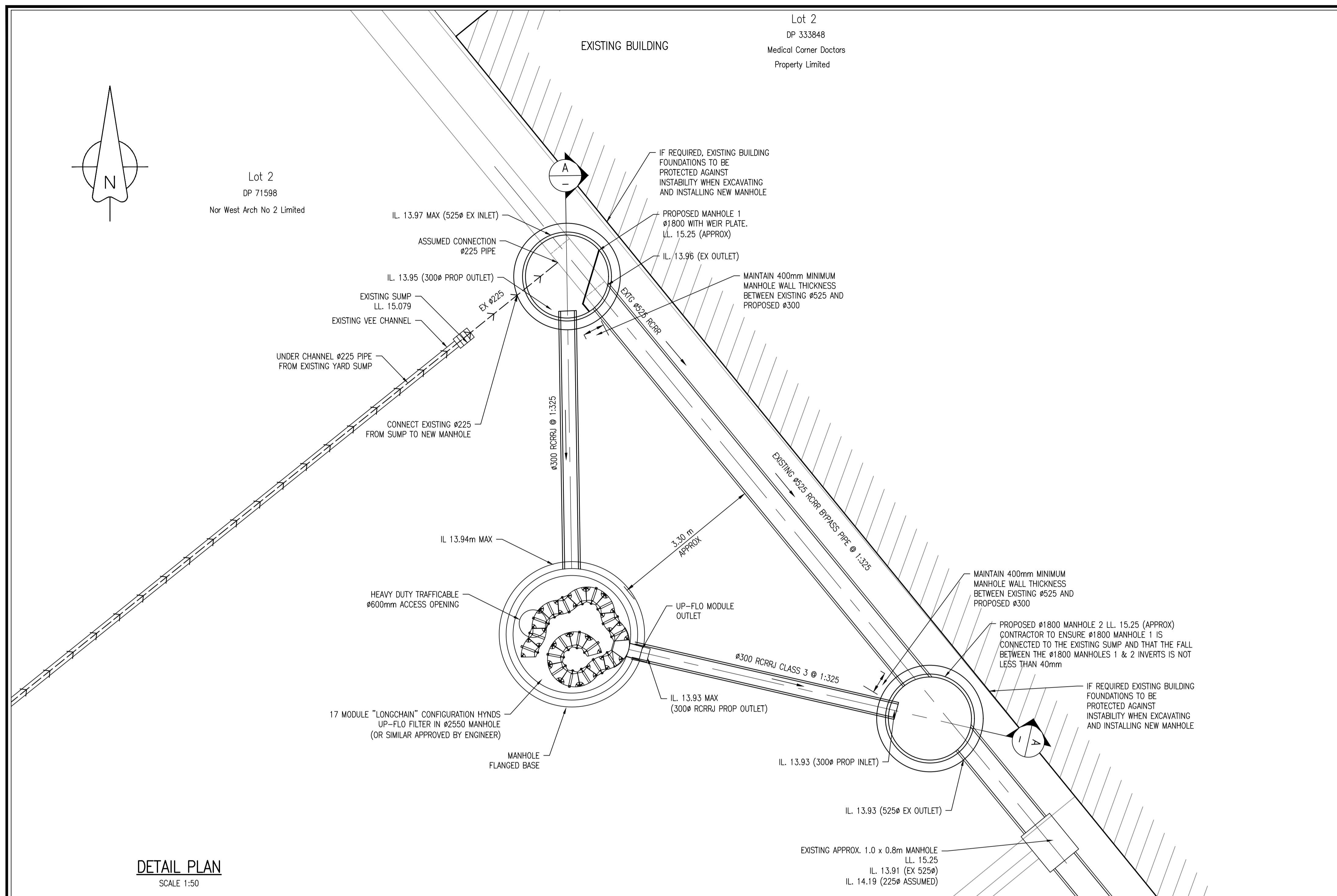
Status  
**FOR HYNDS**

Scale  
AS SHOWN

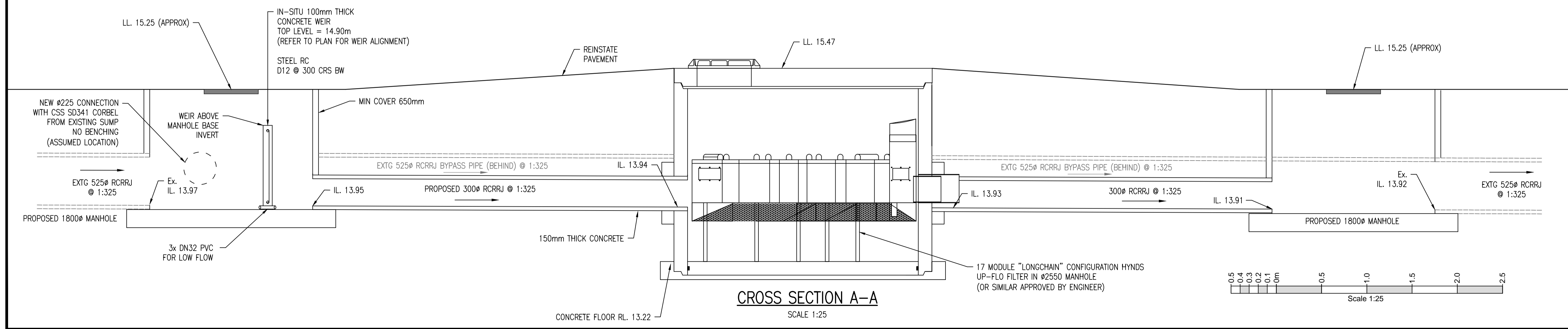
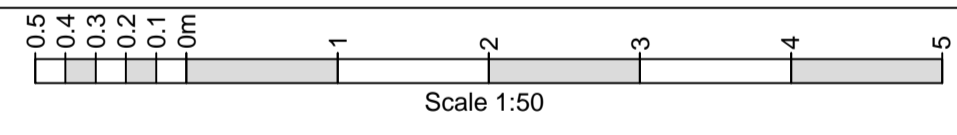
Project No  
**18009-01**

Drawing No  
**200**

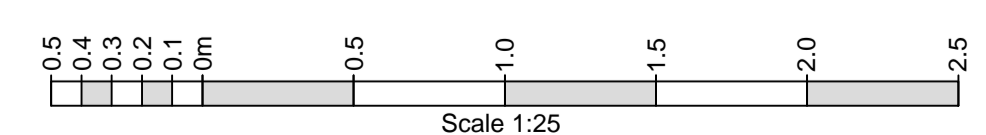
Revision  
**D**



**DETAIL PLAN**  
SCALE 1:50



**CROSS SECTION A-A**  
SCALE 1:25



**NOTES:**

1. SURFACE SURVEYED BY e2 DRONE 2018. INVERTS BY E2. LEVELS IN TERMS OF CCC DATUM.
2. THE CONTRACTOR IS TO OBTAIN A CURRENT COPY OF ALL SERVICE AUTHORITY RECORDS PRIOR TO COMMENCING SITE WORKS. THE CONTRACTOR IS TO SEARCH FOR, LOCATE AND PROTECT ALL EXISTING SERVICES AND SHALL NOT COMMENCE PHYSICAL SITE WORKS UNTIL THE POSITIONS OF ALL SERVICES ARE KNOWN AND ARE LOCATED ON THE GROUND AS CLOSE AS IS PRACTICABLE.
3. ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST REVISION OF:  
CHRISTCHURCH CITY COUNCIL ENGINEERING CODE OF PRACTICE  
CCC CSS PARTS 1-7:2017.
4. PRECEDENCE SHALL BE GIVEN TO THE STANDARDS GENERALLY IN THE ORDER AS SHOWN ABOVE, HOWEVER WHERE CONFLICTS ARISE OR DIRECTION IS REQUIRED, THE DECISION OF THE ENGINEER SHALL BE FINAL.
5. ALL WORK SHALL BE CARRIED OUT TO THE SATISFACTION OF THE ENGINEER AND CHRISTCHURCH CITY COUNCIL OFFICERS.
6. HYNDS UP-FLO FILTER (OR SIMILAR APPROVED) SHALL BE INSTALLED TO THE MANUFACTURERS REQUIREMENTS.
7. ALL NEW MANHOLE CONNECTIONS TO NEW AND EXISTING PIPES (INCLUDING #525 PIPES TO NEW #1800 MANHOLES) TO HAVE CORBELS TO CCC CSS SD341.

**LEGEND**

- 15.596 —— MAJOR CONTOUR
- MINOR CONTOUR
- - - - - EXISTING EDGE OF SEAL
- /// EXISTING FENCE
- - - - - EXISTING WATER
- ⊠ EXISTING WATER METER
- ⊠ EXISTING FIRE HYDRANT
- ⊠ EXISTING WATER VALVE
- - - - - EXISTING SEWER
- ⊙ EXISTING SEWER MANHOLE
- - - - - EXISTING STORMWATER
- EXISTING STORMWATER MH
- ⊠ EXISTING SUMP

D	HYNDS UP-FLO SYSTEM	AJT	08.07.19
C	FOR APPROVAL	AJT	20.02.19
B	FOR APPROVAL	AJT	13.08.18
A	FOR APPROVAL	AJT	07.08.18
Rev	Comments	Approved	Date

THIS DESIGN AND DRAWING IS COPYRIGHT OF E2ENVIRONMENTAL LTD AND SHALL NOT BE USED OR REPRODUCED WITHOUT WRITTEN AUTHORITY



Unit 1/46 Acheron Drive PO Box 31159 Christchurch  
P 64 3 358 4955 www.e2environmental.com

Client  
**AW FRASER STEEL Ltd**

Designed by	AT	Drawn by	MP	Checked by	AT	Approved by	AT	Approved by Date	07.08.18
-------------	----	----------	----	------------	----	-------------	----	------------------	----------

Project  
**39 LUNNS ROAD CHRISTCHURCH**

Title  
**SOUTH TREATMENT SYSTEM**

**DRAFT**

Status  
**FOR HYNDS**

Scale  
AS SHOWN

Project No  
**18009-01**

Drawing No  
**212**

Revision  
**D**