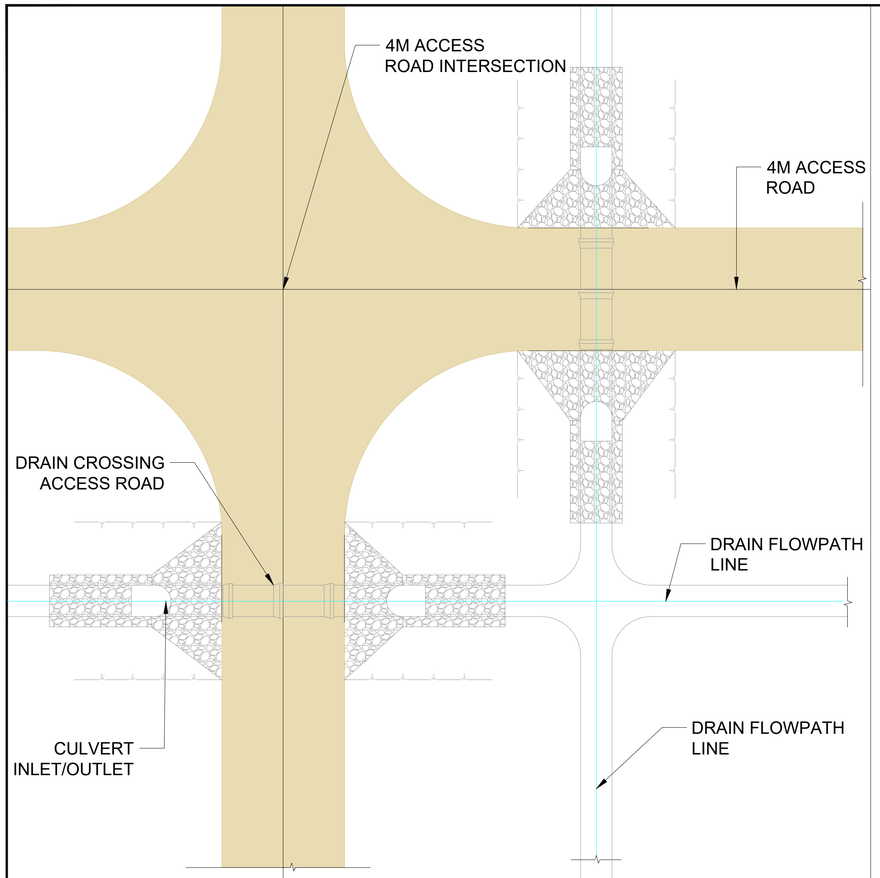
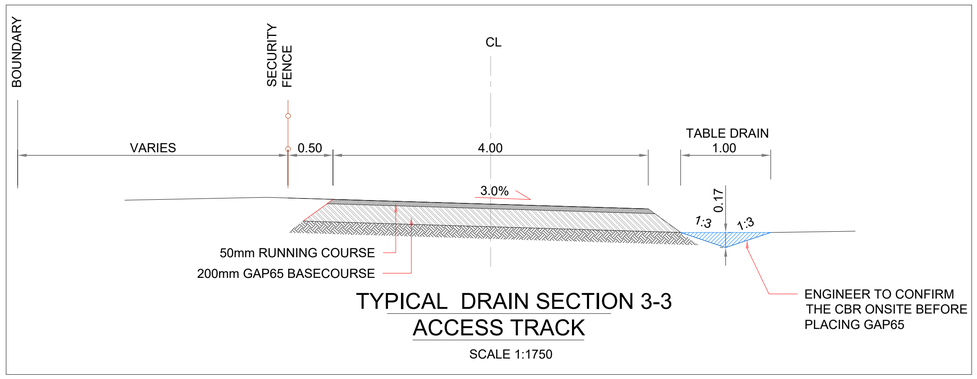


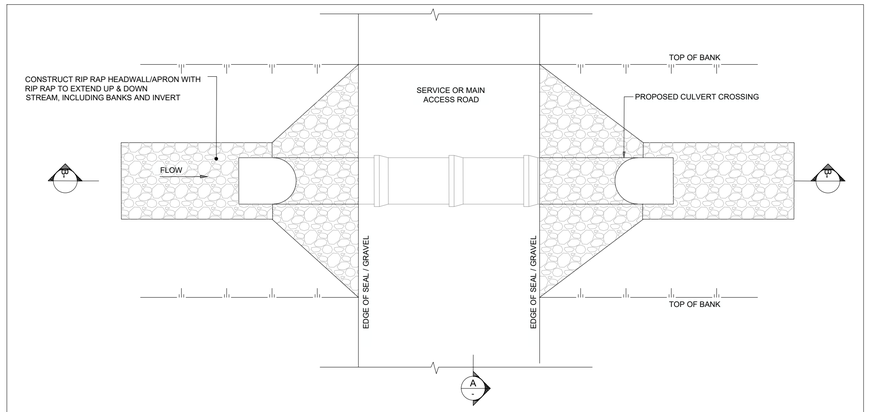
TYPICAL CULVERT PLAN FOR TWO INTERSECTING DRAIN

SCALE 1:100



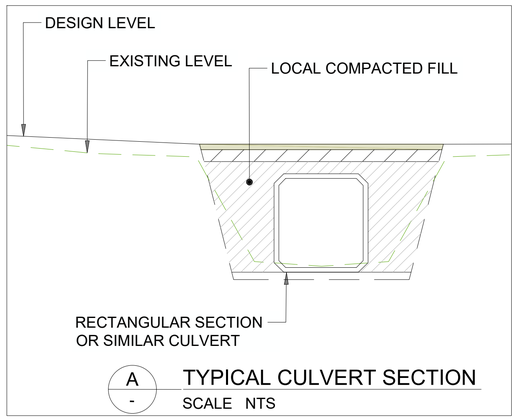
TYPICAL DRAIN SECTION 3-3
ACCESS TRACK

SCALE 1:1750



TYPICAL CULVERT PLAN

SCALE NTS

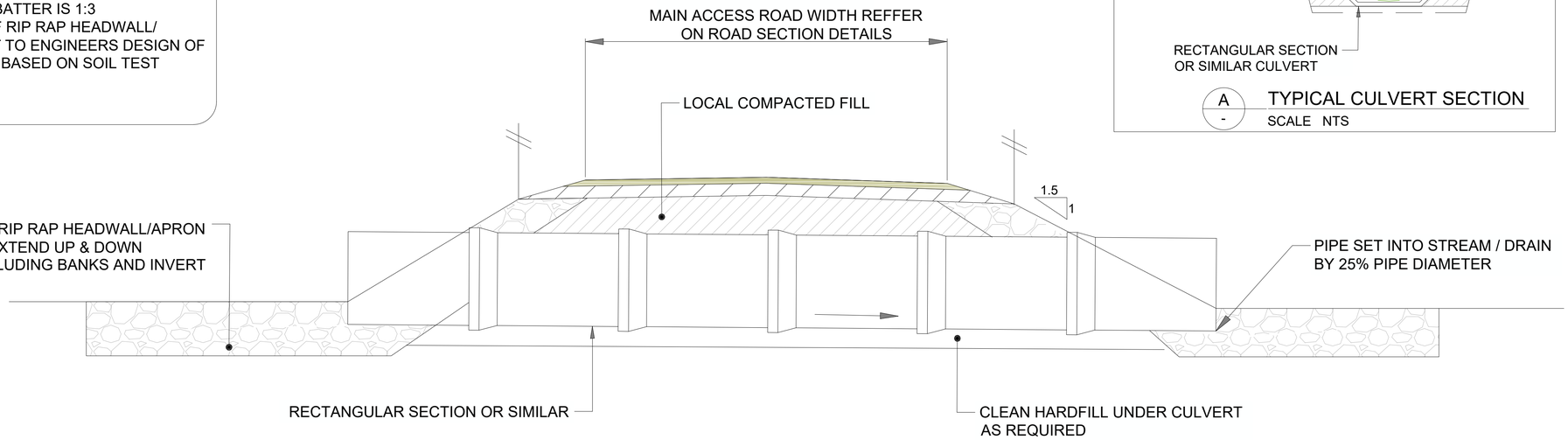


A - TYPICAL CULVERT SECTION

SCALE NTS

NOTES:

* FOR DRAIN CROSSING ACCESS/ROADS, REFER TO THE CULVERT DRAWING DETAILS.
* INSTALLATION OF CULVERTS ARE SUBJECT TO ENGINEERS APPROVAL AND BASED ON THE STORM WATER STUDY REPORT.
* DRAIN STANDARD BATTER IS 1:3
* CONSTRUCTION OF RIP RAP HEADWALL/ APRON IS SUBJECT TO ENGINEERS DESIGN OF CULVERT DETAILS BASED ON SOIL TEST RESULT.



B - TYPICAL CULVERT LONGSECTION

SCALE NTS

PRELIMINARY DESIGN

N
W E
S

GENERAL NOTES

1. ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE SPECIFIED.
2. THE DISCHARGE FROM THE DRAINAGE WILL BE DIRECTED IN THE EXISTING OVERLAND FLOW PATH DIRECTION.
3. PROPOSED DRAIN DESIGN MUST COMPLY AND BASED ON STORMWATER SYSTEM DESIGN ACCORDING TO AUCKLAND COUNCIL'S GUIDELINE.

LEGEND

REFERENCE DRAWINGS

No.	DRAWING TITLE	DRAWING No.
1	DRAINAGE LAYOUT PLAN	FNSF_GRT_178.2MWp_DW2

R	DATE	DESCRIPTION OF REVISION	REMARKS
0	22-10-2024	DRAFT	

PROJECT NAME :

GREYTOWN SOLAR FARM

DRAFTING ENGINEER :

RENEWABLE ENGINEERING GROUP

GENERAL CONTRACTOR :

Far North Solar Farm
Powering New Zealand's Renewable Future.

A: Level 1, 65 KUMEU ROAD, AUCKLAND E: engineering@fnsf.co.nz

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		SIGN
DRAWN BY	: JROD	R.J.L.
DATE	: 22-10-2024	
CHECKED BY	: PAREEK	P.P.
DATE	: 22-10-2024	
APPROVED BY	: JOHN T.	J.T.
DATE	: 22-10-2024	

TITLE : **DRAINAGE SECTION DETAILS**

DRAWING No.

FNSF_GRT_178.2MWp_221024_DW2.3_DSD

SHEET SIZE	SHEET	SCALE	REV
A1	1 OF 1	NTS	0