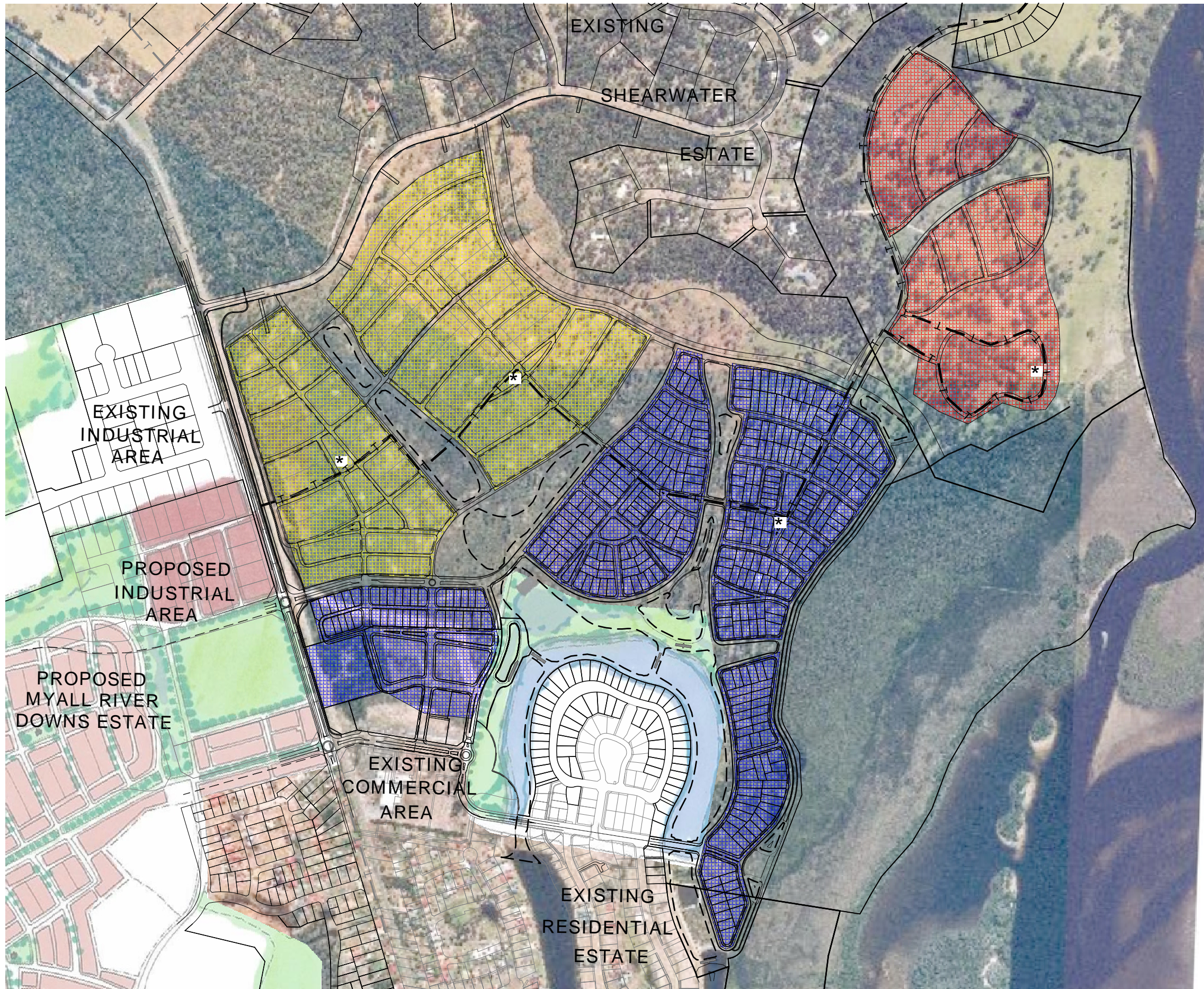


Appendix F:

Communications Servicing Strategy



RIVERSIDE ESTATE	
STAGE	
1	
2	
3	

EXISTING OPTICAL FIBRE CABLE
PROPOSED OPTICAL FIBRE CABLE
PROPOSED COMMUNICATION CABLE
PROPOSED COMMUNICATION NODE FACILITY

— T —
— T —
- - - -
*

REV	DETAILS OF AMENDMENT	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
B	Revised Layout	DWK	DWK			
A	Original Issue	AV	AV	6.H.	8.L.	13/07/07

* Denote the original signature and date when revision was issued.

TATTERSALL SURVEYORS
DEVELOPMENT CONSULTANTS
ENGINEERING, SURVEYING & PLANNING
2 Bourke St. P.O.Box 54
RAYMOND TERRACE 2324
Fax (02) 49871733 Phone (02) 49871500
DX 21403 RAYMOND TERRACE

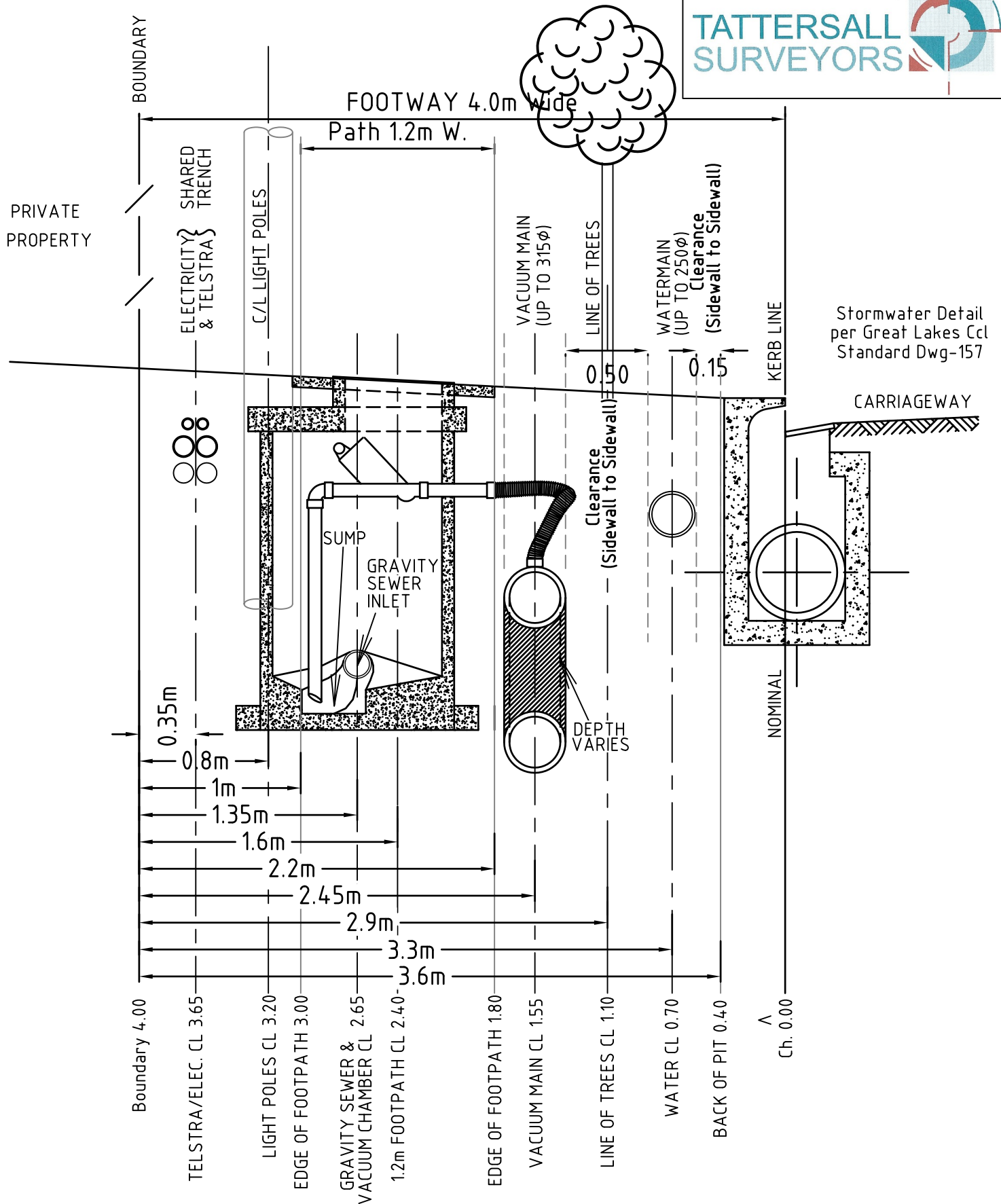
FUTURE SERVICING OF
TEA GARDENS
RIVERSIDE
COMMUNICATIONS SERVICING STRATEGY

CLIENT: CRIGHTON PROPERTIES PTY LTD JOB No.: 910370 COMPUTER FILE : S:\projects\Myall Quays\dwg\MC.W.W & S STRATEGY\910370-myall quays (riverside) elec strategy.dwg

COUNCIL GREAT LAKES	REFERENCE 20700088
PARISH COWEAMABH	SHEET SIZE A1
SCALE 1:4000	SHEET No. 1
DATE : Plotted 11:42 07/08/08	

Appendix G:

Typical Footpath Service Allocations



**TATTERSALL
SURVEYORS**
DEVELOPMENT CONSULTANTS

ENGINEERING, SURVEYING & PLANNING

2 Bourke St. P.O. Box 54
RAYMOND TERRACE N.S.W. 2324
Phone: 4987 1500 Fax: 4987 1733
DX 21403 RAYMOND TERRACE

PROJECT:

PROPOSED TYPICAL FOOTWAY
SERVICES ALLOCATIONS
TEA GARDENS
(4.0 METRE FOOTWAYS)

CLIENT : CRIGTON
PROPERTIES PTY LTD

REF: 201479

COUNCIL: GREAT LAKES

DATE: Plotted 17:39 03/07/08

Appendix H:

Correspondence with MidCoast Water

23 April 2008
Ref: 178424

Tattersall Surveyors
PO Box 54
Raymond Terrace NSW 2324

Attn: Mr Bob Lander

RE: RIVERSIDE DEVELOPMENT – TEA GARDENS

Dear Bob,

In reply to your email of 21 April 2008 regarding a MidCoast Water response to the "issues paper" and "adequacy test" applied by the Department of Planning for the Riverside Application at Tea Gardens. MidCoast Water makes the following comments:

MidCoast Water requires the preparation of Water Supply & Sewerage Strategies to demonstrate how the proposed development can be provided with reticulated water and sewer services in accordance with our requirements, these strategies are to nominate any required extensions or upgrades to MidCoast Water infrastructure. In the absence of such strategies, MidCoast Water can only confirm that the Riverside development is proposed on land identified as future service area within our current servicing strategies.

As detailed in the MidCoast Water Sewerage Servicing Strategy (January 2003) the Hawks Nest Waste Water Treatment Plant (WWTP) is upgradeable to 16,000 Equivalent Population (EP) for the ultimate development of Tea Gardens/Hawks Nest, including North Hawks Nest. The ultimate development case includes an allocation of 960 Equivalent Tenements (ET) for the Riverside (Myall Quays) development. The ultimate loads from infill development within Tea Gardens/Hawks Nest as well as the known future growth areas were allocated within this existing strategy and are summarised below, note that the existing strategy does not include the connection of the North Port Stevens villages. Refer Doc: EKA-061/7, Appendix A: Table A2 for full details of load allocations.

	Existing Peak Load (2003)		Fully Developed Peak Load	
	ET	EP	ET	EP
Hawks Nest	1292	4245	1558	5724
Tea Gardens	862	2444	1174	3830
North Hawks Nest	0		400	1000
Myall Quays (Riverside)	0		960	2592
Myall River Downs	0		800	2160
Shearwater & Industrial	0		320	672
TOTALS	2154	6689	5212	15978

Under the existing Sewerage Servicing Strategy, MidCoast Water can only confirm that there is sufficient capacity in the Hawks Nest WWTP to cater for up to 960 ET within the Riverside development. The Equivalent Tenement allocation includes commercial & non-residential components in the total allocation.

MidCoast Water requires the preparation of an Integrated Water Cycle Management plan (IWCM) for the site. This plan would consider the water cycle and identify appropriate measures and end uses for the water resources available. One of the areas expected to be investigated is the use of reticulated recycled water for non-potable uses within residential premises. This investigation may identify alternate sources for effluent disposal that could relieve pressures on the WWTP and yield additional capacity within the WWTP. In the absence of an accepted IWCM, MidCoast Water is unable to make any comment "as to whether services for the use of reclaimed water will be provided".

Please contact me should you have any questions or to discuss the progression of an Integrated Water Cycle Management plan for the proposed development.

Yours faithfully

A handwritten signature in blue ink, appearing to read "David McKellar", with a stylized flourish at the end.

DAVID MCKELLAR
Development Engineer