

LEGEND

- PROPOSED LOT BOUNDARY
- - - FINISHED SURFACE CONTOURS (0.25m INTERVALS)
- - - EXISTING EASEMENT
- EXISTING ACCESS TRACK
- - - PROPOSED EASEMENT
- - - EXISTING TOP OF BATTER
- - - EXISTING TOE OF BATTER
- - - EXISTING EDGE OF BITUMEN
- - - PROPOSED TOP OF BATTER
- - - PROPOSED TOE OF BATTER
- OHP EXISTING OVERHEAD POWER LINE
- E EXISTING UNDERGROUND ELECTRICAL
- SWD EXISTING STORMWATER DRAINAGE
- S EXISTING SEWER RETICULATION
- F.S.L. (ALLOTMENTS) = 50mm STRIPPED
- F.S.L. (H.E.S.B) = FINISHED SURFACE LEVEL
- + = DEPTH OF FILL
- = DEPTH OF CUT



NOTE: LOCATION & LEVELS OF ALL EXISTING SERVICES AND PROPOSED STORMWATER OUTLETS TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM A DIAL BEFORE YOU DIG SEARCH PRIOR TO COMMENCEMENT OF WORKS. ANY POTENTIAL CONFLICT OF EXISTING SERVICES OR STORMWATER OUTLETS SHALL BE REPORTED TO THE SUPERINTENDENT.

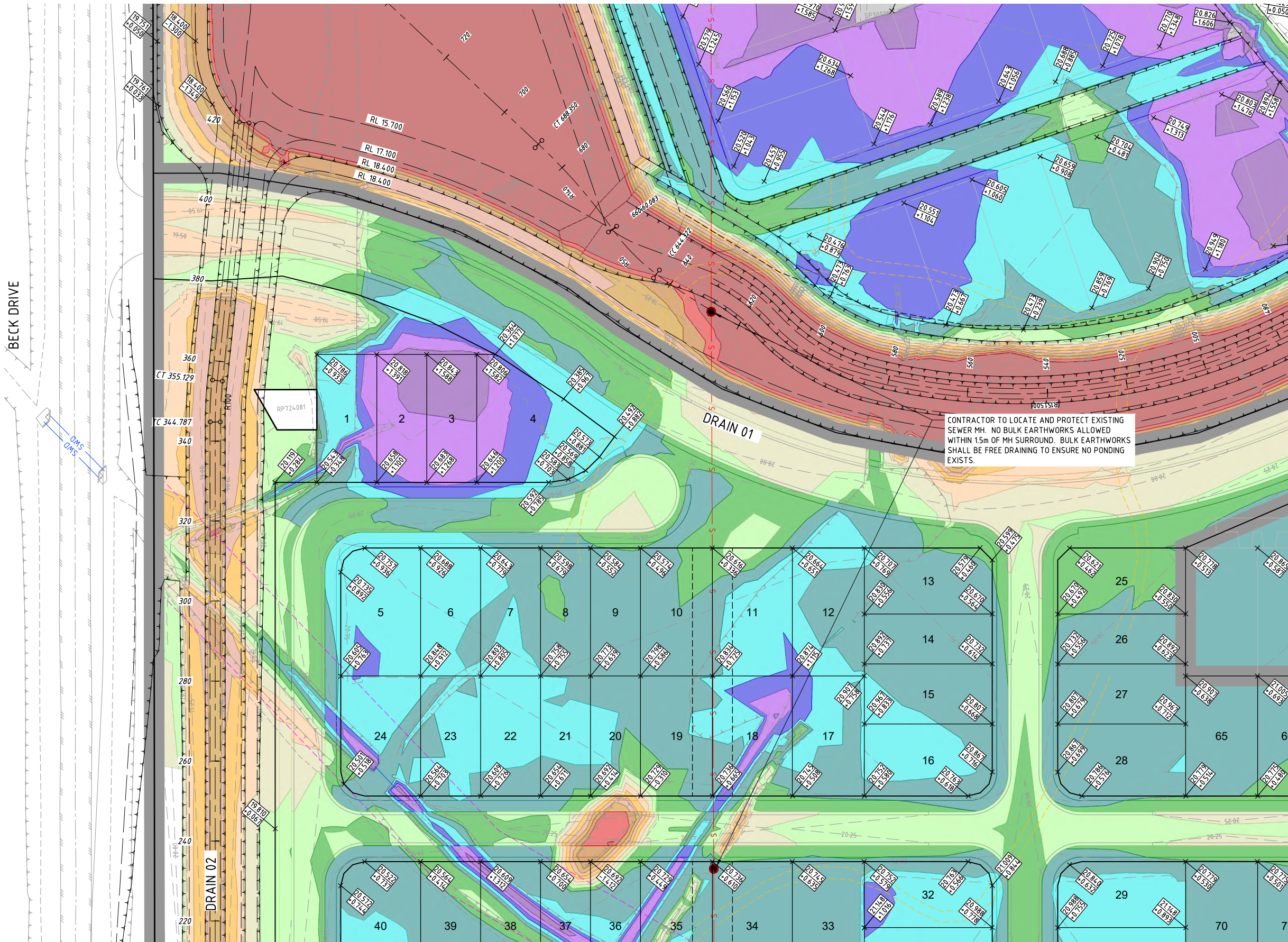
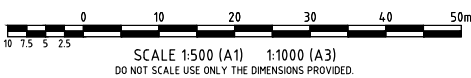
EARTHWORKS DEPTH RANGE

TIN EXISTING STRIPPED 100mm TO TIN DESIGN STRIPPED 50mm AND 300mm BOXING

FILL 1.75m +	CUT 0m - 0.25m
FILL 1.5m - 1.75m	CUT 0.25m - 0.5m
FILL 1.25m - 1.5m	CUT 0.5m - 0.75m
FILL 1m - 1.25m	CUT 0.75m - 1m
FILL 0.75m - 1m	CUT 1m - 1.25m
FILL 0.5m - 0.75m	CUT 1.25m - 1.5m
FILL 0.25m - 0.5m	CUT 1.5m - 1.75m
FILL 0m - 0.25m	CUT 1.75m +

Townsville City Council
Accepted Subject to Conditions

OPW22/0137
30/11/2022



CONTRACTOR TO LOCATE AND PROTECT EXISTING SEWER MH. NO BULK EARTHWORKS ALLOWED WITHIN 15m OF MH SURROUND. BULK EARTHWORKS SHALL BE FREE DRAINING TO ENSURE NO PONDING EXISTS.

File Name: C:\Users\james\Documents\B00412 - 1891\1 - CIVIL - DRGS\1 - 2 CURRENT\LEARY WORKS\B00412-P1-BE06.dwg User: YELLIN Date: 23/09/2022 10:34:34 PM

JOINS TO DRAWING No. B00412-P1-BE08

Peter Ingerman
Registered Engineer
23/9/2022 9424
Date Register
ENGINEERING CERTIFICATION






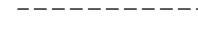



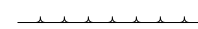

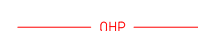




Client **URBEX PTY LTD**
Project **BLUEWATTLE RESIDENTIAL ESTATE**
Title **PRECINCT 1 - BULK EARTHWORKS
DETAILED LAYOUT PLAN
SHEET 2 OF 7**

Da'um
AHD
PSM 114264
RL 19.281
TURN. MGA
FOR APPROVAL
Project No. Drawing No. Rev
B00412-P1-BE07 A



LEGEND

-  PROPOSED LOT BOUNDARY
 -  FINISHED SURFACE CONTOURS (0.25m INTERVALS)
 -  EXISTING EASEMENT
 -  EXISTING ACCESS TRACK
 -  PROPOSED EASEMENT
 -  EXISTING TOP OF BATTER
 -  EXISTING TOE OF BATTER
 -  EXISTING EDGE OF BITUMEN
 -  PROPOSED TOP OF BATTER
 -  PROPOSED TOE OF BATTER
 -  OHP EXISTING OVERHEAD POWER LINE
 -  E EXISTING UNDERGROUND ELECTRICAL
 -  SWD EXISTING STORMWATER DRAINAGE
 -  S EXISTING SEWER RETICULATION
- F.S.L. (ALLOTMENTS) = 50mm STRIPPED
 F.S.L. (H.E.S.B) = FINISHED SURFACE LEVEL
 + = DEPTH OF FILL
 - = DEPTH OF CUT








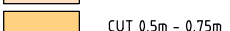









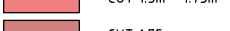
NOTE: LOCATION & LEVELS OF ALL EXISTING SERVICES AND PROPOSED STORMWATER OUTLETS TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM A DIAL BEFORE YOU DIG SEARCH PRIOR TO COMMENCEMENT OF WORKS. ANY POTENTIAL CONFLICT OF EXISTING SERVICES OR STORMWATER OUTLETS SHALL BE REPORTED TO THE SUPERINTENDENT.

JOINS TO DRAWING No. B00412-P1-BE07

PROTECT AND PROTECT EXISTING EARTHWORKS ALLOWED TO REMAIN. BULK EARTHWORKS TO BE COMPLETED TO ENSURE NO PONDING

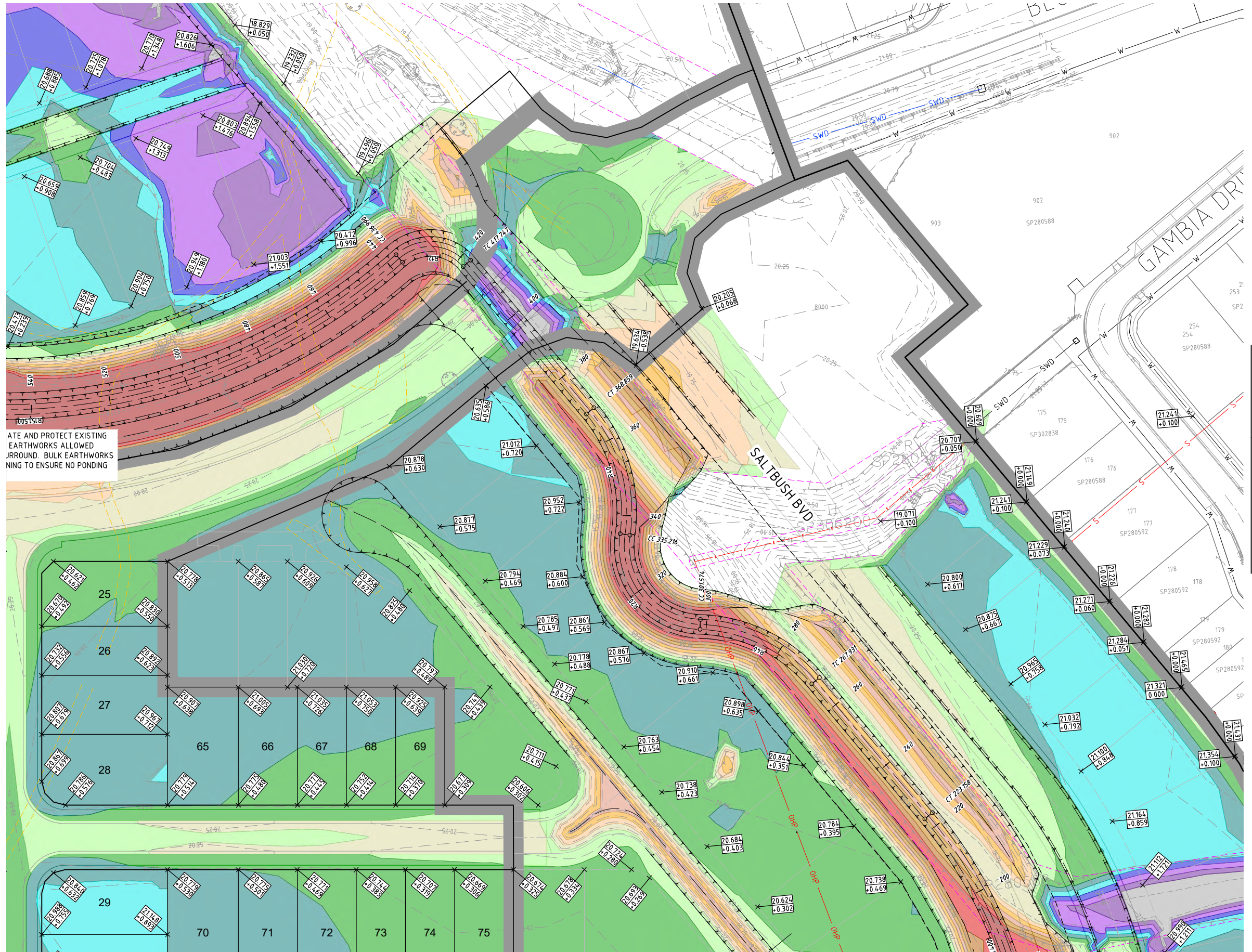
EARTHWORKS DEPTH RANGE

TIN EXISTING STRIPPED 100mm TO TIN DESIGN STRIPPED 50mm AND 300mm BOXING

	FILL 1.75m +		CUT 0m - 0.25m
	FILL 1.5m - 1.75m		CUT 0.25m - 0.5m
	FILL 1.25m - 1.5m		CUT 0.5m - 0.75m
	FILL 1m - 1.25m		CUT 0.75m - 1m
	FILL 0.75m - 1m		CUT 1m - 1.25m
	FILL 0.5m - 0.75m		CUT 1.25m - 1.5m
	FILL 0.25m - 0.5m		CUT 1.5m - 1.75m
	FILL 0m - 0.25m		CUT 1.75m +

Townsville City Council
 Accepted Subject to Conditions
 OPW22/0137
 30/11/2022

SCALE 1:500 (A1) 1:1000 (A3)
 DO NOT SCALE USE ONLY THE DIMENSIONS PROVIDED.



JOINS TO DRAWING No. B00412-P1-BE11

User: YELLIN Date: 23/09/2022 2:13:46 PM File Name: C:\Users\jama\Documents\Yellin\B00412 - 1891\1 - CIVIL - DRGS\1 - 2 CURRENT\Earthworks\B00412-P1-BE06.dwg

Peter Ingeman
 Registered Engineer
 23/9/2022 9424
 Date Register
 ENGINEERING CERTIFICATION



Client **URBEX PTY LTD**
 Project **BLUEWATTLE RESIDENTIAL ESTATE**
 Title **PRECINCT 1 - BULK EARTHWORKS
 DETAILED LAYOUT PLAN
 SHEET 3 OF 7**

Datum **AHD**
 PSM **114264**
 RL **19.281**
 TURN. MGA
FOR APPROVAL
 Project No. Drawing No. Rev
B00412-P1-BE08 A



LEGEND

- PROPOSED LOT BOUNDARY
 - FINISHED SURFACE CONTOURS
(0.25m INTERVALS)
 - EXISTING EASEMENT
 - EXISTING ACCESS TRACK
 - PROPOSED EASEMENT
 - EXISTING TOP OF BATTER
 - EXISTING TOE OF BATTER
 - EXISTING EDGE OF BITUMEN
 - PROPOSED TOP OF BATTER
 - PROPOSED TOE OF BATTER
 - OHP EXISTING OVERHEAD POWER LINE
 - E EXISTING UNDERGROUND ELECTRICAL
 - SWD EXISTING STORMWATER DRAINAGE
 - S EXISTING SEWER RETICULATION
- F.S.L. (ALLOTMENTS) = 50mm STRIPPED
 F.S.L. (H.E.S.B) = FINISHED SURFACE LEVEL
 + = DEPTH OF FILL
 - = DEPTH OF CUT



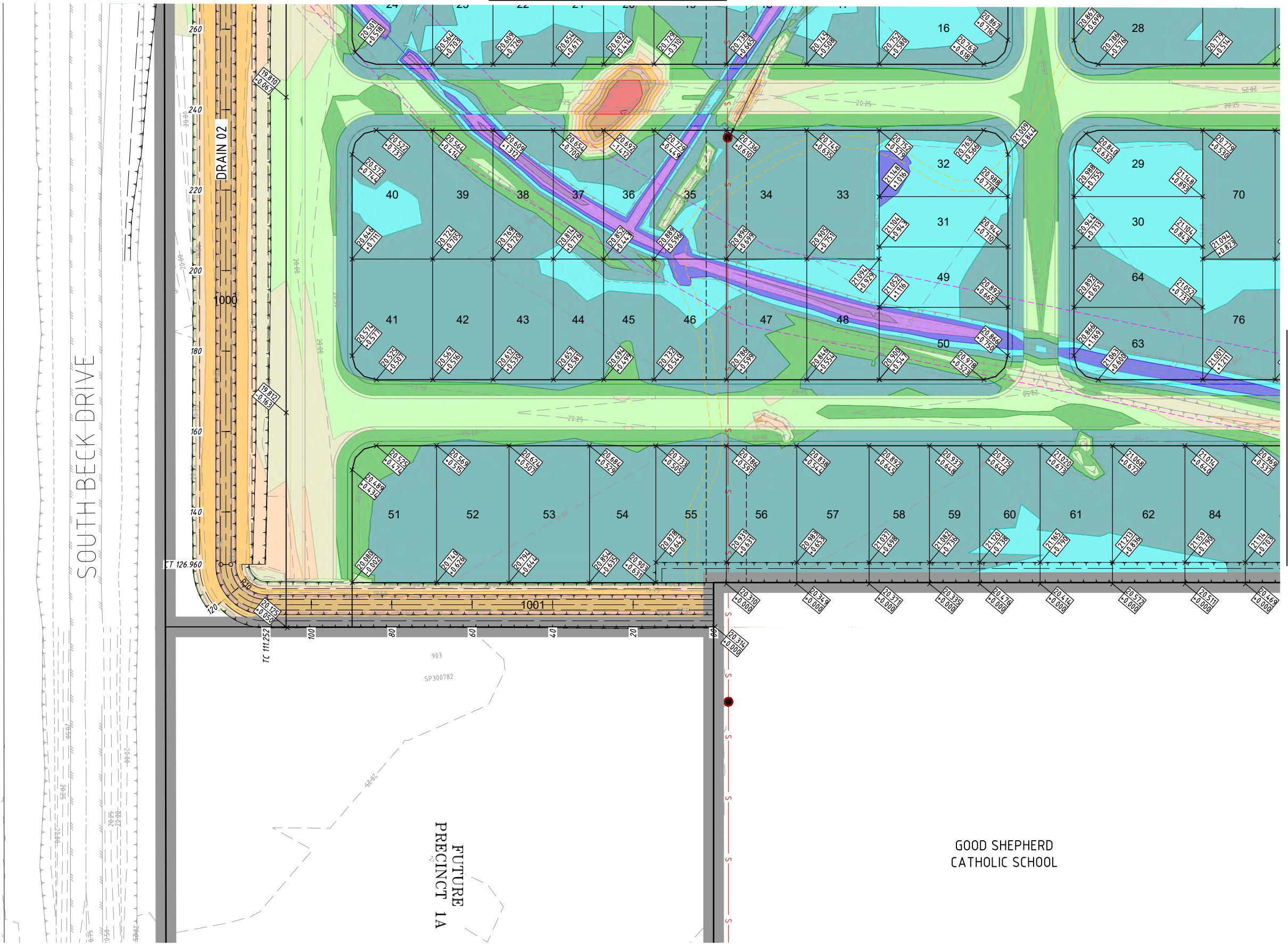
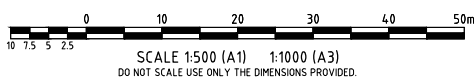
NOTE: LOCATION & LEVELS OF ALL EXISTING SERVICES AND PROPOSED STORMWATER OUTLETS TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM A DIAL BEFORE YOU DIG SEARCH PRIOR TO COMMENCEMENT OF WORKS. ANY POTENTIAL CONFLICT OF EXISTING SERVICES OR STORMWATER OUTLETS SHALL BE REPORTED TO THE SUPERINTENDENT.

EARTHWORKS DEPTH RANGE

TIN EXISTING STRIPPED 100mm TO TIN DESIGN
 STRIPPED 50mm AND 300mm BOXING

	FILL 1.75m +		CUT 0m - 0.25m
	FILL 1.5m - 1.75m		CUT 0.25m - 0.5m
	FILL 1.25m - 1.5m		CUT 0.5m - 0.75m
	FILL 1m - 1.25m		CUT 0.75m - 1m
	FILL 0.75m - 1m		CUT 1m - 1.25m
	FILL 0.5m - 0.75m		CUT 1.25m - 1.5m
	FILL 0.25m - 0.5m		CUT 1.5m - 1.75m
	FILL 0m - 0.25m		CUT 1.75m +

Townsville City Council
 Accepted Subject to Conditions
 OPW22/0137
 30/11/2022



JOINS TO DRAWING No. B00412-P1-BE10

User: YELLIN Date: 23/09/2022 2:13:54 PM File Name: C:\Users\data\MANUDESIGN\B00412_1691\LCIVIL-DIGES\12 CURRENT\Leary Works\B00412-P1-BE07





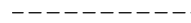

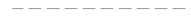







Peter Ingeman
 Registered Engineer
 23/9/2022 9424
 Date Register
 ENGINEERING CERTIFICATION



Client **URBEX PTY LTD**
 Project **BLUEWATTLE RESIDENTIAL ESTATE**
 Title **PRECINCT 1 - BULK EARTHWORKS
 DETAILED LAYOUT PLAN
 SHEET 4 OF 7**

Datum **AHD**
 PSM 114264
 RL 19.281
 TURN. MGA
FOR APPROVAL
 Project No. Drawing No. Rev
B00412-P1-BE09 A

LEGEND

-  PROPOSED LOT BOUNDARY
 -  FINISHED SURFACE CONTOURS (0.25m INTERVALS)
 -  EXISTING EASEMENT
 -  EXISTING ACCESS TRACK
 -  PROPOSED EASEMENT
 -  EXISTING TOP OF BATTER
 -  EXISTING TOE OF BATTER
 -  EXISTING EDGE OF BITUMEN
 -  PROPOSED TOP OF BATTER
 -  PROPOSED TOE OF BATTER
 -  OHP EXISTING OVERHEAD POWER LINE
 -  E EXISTING UNDERGROUND ELECTRICAL
 -  SWD EXISTING STORMWATER DRAINAGE
 -  S EXISTING SEWER RETICULATION
- F.S.L. (ALLOTMENTS) = 50mm STRIPPED
 F.S.L. (H.E.S.B) = FINISHED SURFACE LEVEL
 + = DEPTH OF FILL
 - = DEPTH OF CUT

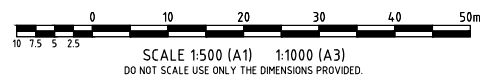


NOTE: LOCATION & LEVELS OF ALL EXISTING SERVICES AND PROPOSED STORMWATER OUTLETS TO BE CONFIRMED ON SITE BY CONTRACTOR PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PERFORM A DIAL BEFORE YOU DIG SEARCH PRIOR TO COMMENCEMENT OF WORKS. ANY POTENTIAL CONFLICT OF EXISTING SERVICES OR STORMWATER OUTLETS SHALL BE REPORTED TO THE SUPERINTENDENT.

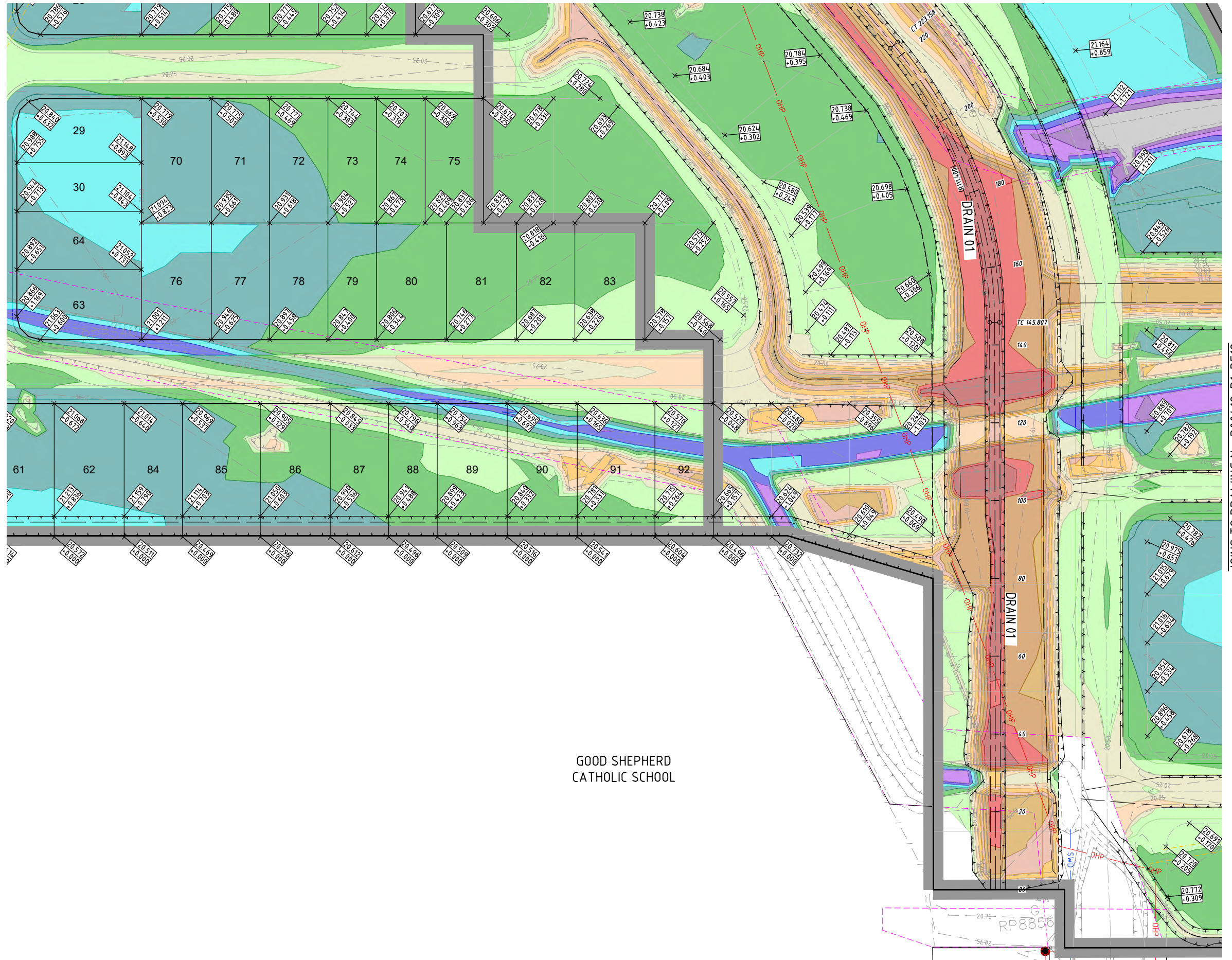
EARTHWORKS DEPTH RANGE

TIN EXISTING STRIPPED 100mm TO TIN DESIGN	
STRIPPED 50mm AND 300mm BOXING	
FILL 1.75m +	CUT 0m - 0.25m
FILL 1.5m - 1.75m	CUT 0.25m - 0.5m
FILL 1.25m - 1.5m	CUT 0.5m - 0.75m
FILL 1m - 1.25m	CUT 0.75m - 1m
FILL 0.75m - 1m	CUT 1m - 1.25m
FILL 0.5m - 0.75m	CUT 1.25m - 1.5m
FILL 0.25m - 0.5m	CUT 1.5m - 1.75m
FILL 0m - 0.25m	CUT 1.75m +

Townsville City Council
 Accepted Subject to Conditions
 OPW22/0137
 30/11/2022



JOINS TO DRAWING No. B00412-P1-BE09



JOINS TO DRAWING No. B00412-P1-BE12

User: YELLIN File Name: C:\2025\data\MANUDESIGN\B00412 - 1691\1 - CIVIL - DRGS\12 CURRENT\LEARY\Works\B00412-P1-BE09

Date: 23/09/2022 2:14:06 PM

Peter Ingeman
 Registered Engineer 9424
 23/9/2022
 Date Register
 ENGINEERING CERTIFICATION



Client **URBEX PTY LTD**
 Project **BLUEWATTLE RESIDENTIAL ESTATE**
 Title **PRECINCT 1 - BULK EARTHWORKS
 DETAILED LAYOUT PLAN
 SHEET 5 OF 7**

Datum **AHD**
 PSM 114264
 RL 19.281
 TURN. MGA
FOR APPROVAL
 Project No. Drawing No. Rev
B00412-P1-BE10 A

