

- NOTES**
1. ALL WORKS TO BE IN ACCORDANCE WITH LOCAL COUNCIL STANDARDS.
 2. CO-ORDINATES IN TERMS OF BAY OF PLENTY 2000.
 3. REDUCED LEVELS ARE IN TERMS OF NZVD 2016.
 4. ORIGIN OF LEVELS = PM 1 SO 534589 RL 4.704m
 5. CONTOUR INTERVAL MAJOR 2.5m MINOR 0.5m
 6. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL SERVICES THAT MAY BE AFFECTED BY THEIR OPERATIONS.
 7. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE ACT AND HEALTH AND SAFETY REGULATIONS.
 8. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVAL FROM UTILITY OPERATORS BEFORE COMMENCING WORK UNDER OR NEAR THEIR SERVICES.
 9. SEDIMENT CONTROL SHALL BE INSTALLED AND OPERATIONAL BEFORE EARTHWORKS START ON SITE IN ACCORDANCE WITH COUNCIL STANDARDS.
 10. CONTRACTOR SHALL PROVIDE ASBUILT OF ALL EROSION CONTROL MEASURES AND CONFIRMATION OF FONDRETEGENT VOLUMES TO ENGINEER.
 11. SEDIMENT CONTROL TO COMPLY WITH COUNCIL STANDARDS.
 12. SEE PLAN C230-8 FOR SEDIMENT RETENTION POND DIMENSIONS.
 13. DUST SUPPRESSION TO BE DONE BY UTILIZING INFILTRATION PONDS SIZED ACCORDING TO GOOD PRACTICE AND TO MITIGATE THE ENVIRONMENTAL EFFECTS OF DUST EMISSIONS (2016) STANDARD. TESTINGS TO DETERMINE SIZE TO BE COMPLETED BEFORE WORKS COMMENCES

- LEGEND**
- EX BODY
 - PROP BODY
 - EX MAJOR CONTOUR
 - EX MINOR CONTOUR
 - PR MAJOR CONTOUR
 - PR MINOR CONTOUR
 - PROP EXTENT WORK
 - PROP CLEANWATER
 - PROP DIRTYWATER
 - PROP SILT FENCE
 - PROP STOCKPILE
 - PROP DECANT
 - PROP DECANT BAR
 - STAGING BODY
 - ESC CATCHMENT BODY

Rev	Description	By	Date
B	FOR CONSENT	DC	02/26
A	FOR REVIEW	VHU	11/25

Section 7	Survey	MAVEN	05/2025
	Design	VHU	11/25
	Drawn	VHU	11/25
	Checked	DC	11/25



Project
WAIRAKEI SOUTH FTA090 DEVELOPMENT
BELL ROAD, PAPAMOA
FOR BELL ROAD LIMITED PARTENSHIP

Title
PROPOSED SEDIMENT EROSION CONTROL OVERVIEW PLAN

Project no. BOP0749
Scale 1:10000 @ A3
Card file BOP/19/C230/DWG
Drawing no. C230-0

Rev B

Part Lot 2 DP 10176

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 10. CONTRACTOR SHALL PROVIDE ASBUILT OF ALL WORKS AND CONFIRMATION OF POND/TRENCH VOLUMES TO ENGINEER.
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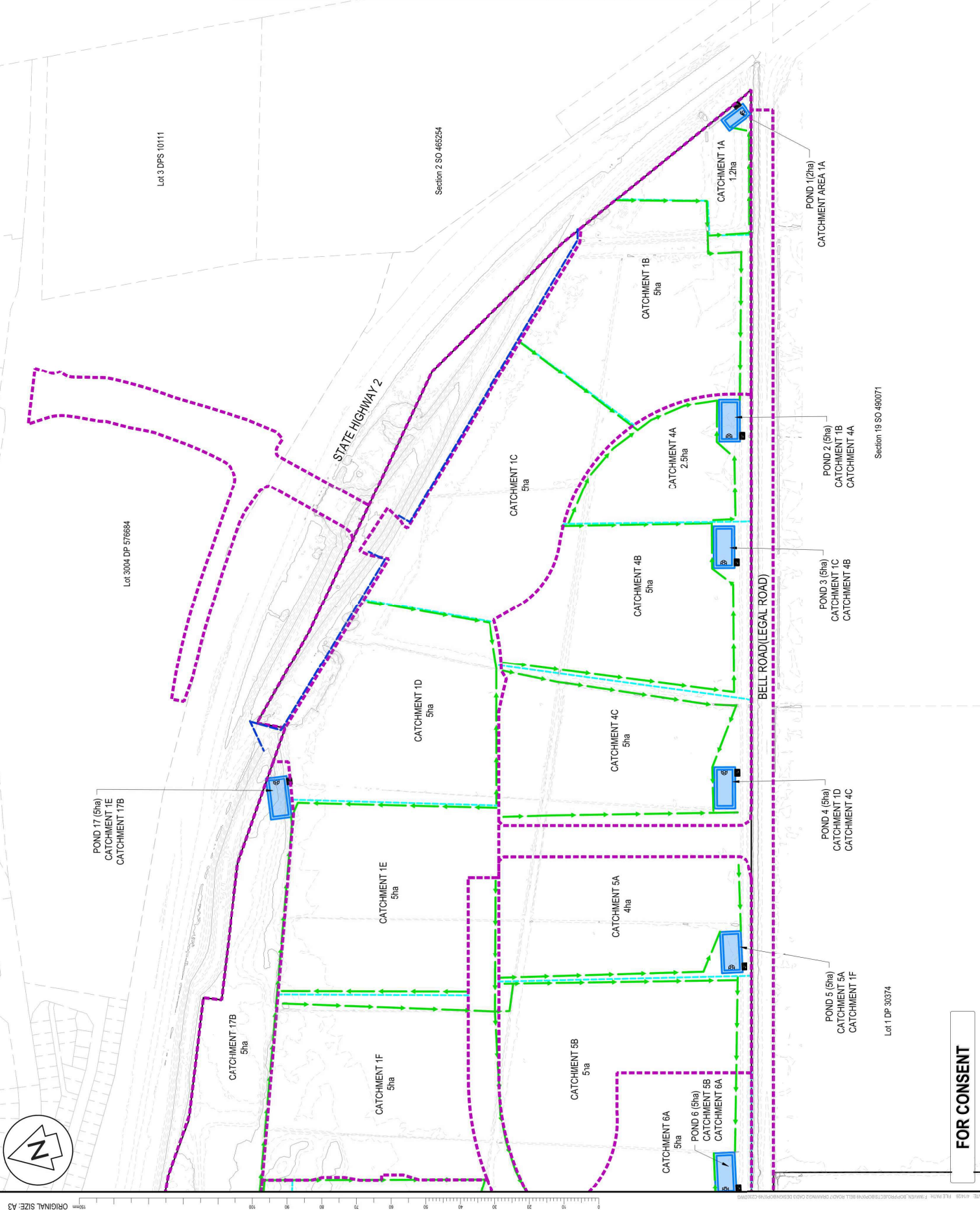
M A E N

Naven Bay of Plenty
 115 Cameron Street, Tauranga
 3110 New Zealand

Project
WAIRAKEI SOUTH FTA090 DEVELOPMENT
BELL ROAD, PAPAMOA LIMITED PARTNERSHIP

Title
PROPOSED SEDIMENT EROSION CONTROL PLAN

Project no. BOP0749
 Scale 1:4000 @ A3
 Cad file BOP0749_C230.DWG
 Drawing no. C230-1 Rev B



FOR CONSENT

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- CONTRACTOR SHALL PROVIDE ASBUILT OF ALL WORKS TO THE ENGINEER FOR CONFIRMATION OF FONDRECENT VOLUMES TO ENGINEER.
- SEDIMENT CONTROL TO COMPLY WITH COUNCIL STANDARDS.
- DUST SUPPRESSANT TO BE DONE BY UTILIZING INFILTRATION PONDS SIZED ACCORDING TO GOOD PRACTICE GUIDE FOR ASSESSING AND MANAGING DUST FROM CONSTRUCTION ACTIVITIES (2016) STANDARD. TESTINGS TO DETERMINE SIZE TO BE COMPLETED BEFORE WORKS COMMENCES

SEDIMENT RETENTION POND - 1 ha	
CATCHMENT AREA	10000 m ²
DECANT NUMBER	1
POND DEPTH	1 m
POND TOP WIDTH ((W))	11.5 m
POND TOP LENGTH (L)	23.0 m
DEAD STORAGE DEPTH	0.37 m
SPILLWAY GRADIENT	1%
SPILLWAY SIDE SLOPE	3H:1V
SPILLWAY BASE WIDTH	5.5 m
SPILLWAY DEPTH (MIN 0.3m)	0.3 m

SEDIMENT RETENTION POND - 2 ha	
CATCHMENT AREA	20000 m ²
DECANT NUMBER	2
POND DEPTH	1 m
POND TOP WIDTH ((W))	15.7 m
POND TOP LENGTH (L)	31.4 m
DEAD STORAGE DEPTH	0.35 m
SPILLWAY GRADIENT	1%
SPILLWAY SIDE SLOPE	3H:1V
SPILLWAY BASE WIDTH	9.68 m
SPILLWAY DEPTH (MIN 0.3m)	0.3 m

SEDIMENT RETENTION POND - 3 ha	
CATCHMENT AREA	30000 m ²
DECANT NUMBER	2
POND DEPTH	1 m
POND TOP WIDTH ((W))	18.9 m
POND TOP LENGTH (L)	37.8 m
DEAD STORAGE DEPTH	0.34 m
SPILLWAY GRADIENT	1%
SPILLWAY SIDE SLOPE	3H:1V
SPILLWAY BASE WIDTH	12.88 m
SPILLWAY DEPTH (MIN 0.3m)	0.3 m

SEDIMENT RETENTION POND - 4 ha	
CATCHMENT AREA	40000 m ²
DECANT NUMBER	3
POND DEPTH	1 m
POND TOP WIDTH ((W))	21.6 m
POND TOP LENGTH (L)	43.1 m
DEAD STORAGE DEPTH	0.33 m
SPILLWAY GRADIENT	1%
SPILLWAY SIDE SLOPE	3H:1V
SPILLWAY BASE WIDTH	15.57 m
SPILLWAY DEPTH (MIN 0.3m)	0.3 m

SEDIMENT RETENTION POND - 5 ha	
CATCHMENT AREA	50000 m ²
DECANT NUMBER	4
POND DEPTH	1 m
POND TOP WIDTH ((W))	23.9 m
POND TOP LENGTH (L)	47.9 m
DEAD STORAGE DEPTH	0.33 m
SPILLWAY GRADIENT	1%
SPILLWAY SIDE SLOPE	3H:1V
SPILLWAY BASE WIDTH	17.93 m
SPILLWAY DEPTH (MIN 0.3m)	0.3 m

INDICATIVE INFILTRATION POND SIZE FOR DUST SUPPRESSANT	
CATCHMENT AREA	313,000 m ²
DEPTH	3m
WATER DEPTH	2m
% CATCHMENT ACTIVELY WORKED (10mm/DAY REQUIRED)	50%
% CATCHMENT OPEN BUT NOT WORKED (5mm/DAY REQUIRED)	50%
VOLUME FOR ACTIVE AREA PER DAY	1565m ³
VOLUME FOR REMAINING AREA PER DAY	782.5m ³
TOTAL VOLUME REQUIRED PER DAY	2347.5m ³

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