



May 16, 2024

G:\300\325\325.57\01\Notice of Alteration\01 Ltr - NOA to MB Conservation.docx

Director
Manitoba Environment and Climate Change
Environmental Approvals Branch
Box 35 – 14 Fultz Blvd.
Winnipeg, Manitoba
R3Y 0L6

via courier

R-325.57

Dear Sir/Madam,

Re: RM of Rockwood – Stony Mountain Lagoon (3133) – Notice of Alteration

The RM of Rockwood is requesting approval from Manitoba Environment and Climate Change for a minor alteration to the Stony Mountain Lagoon Licence (No. 3133). The alterations include:

- Installation of a new 450 mm diameter forcemain into the new primary cell.

As per the requirements of the Notice of Alteration, and feedback from previous submissions, a digital copy of the full notice of alteration package has been e-mailed. The Notice of Alteration fee has been mailed.

The results of this notice conclude that there will be no significant impacts to the environment as a result of the proposed alteration. The RM of Rockwood would like to obtain approval for the proposed alteration so they can complete construction this summer.

If there are any questions or comments, please contact the undersigned.

Yours truly,

JR Cousin Consultants Ltd.

David Kelly, P.Eng.
Municipal Engineer

cc. Mr. Chris Luellman, CAO, RM of Rockwood
Mr. Rob Boswick, P.Eng., Manitoba Environment and Climate Change
Mr. Siobhan Burland Ross, P.Eng., Manitoba Environment and Climate Change

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May 16, 2024

G:\300\325\325.57\01\Notice of Alteration\03 Notice of Alteration - RM Rockwood Forcemain.docx

Director
Manitoba Environment and Climate Change
Environmental Approvals Branch
Box 35 – 14 Fultz Blvd.
Winnipeg, Manitoba
R3Y 0L6

via courier

R-325.56

Dear Sir/ Madam,

Re: Stony Mountain Lagoon (3133) – Notice of Alteration

The RM of Rockwood is requesting approval from Manitoba Environment and Climate Change for a minor alteration to the Stony Mountain Lagoon Licence (No. 3133). This Notice of Alteration (NOA) report and attached form includes information on the proposed alteration, which includes installing a new 450 mm diameter forcemain into the first primary cell. This alteration has been previously discussed with Rob Boswick of Manitoba Environment and Climate Change, to determine requirements of the NOA.

New Forcemain

The RM of Rockwood is planning to install a new forcemain to meet the needs of future developments in the RM, which includes future residential and industrial developments. The forcemain will service two new lift stations. An accompanying application for a Certificate of Approval under The Public Health Act, dated May 15, 2024 was being submitted for the forcemain and lift stations.

The existing lagoon dike has a reworked clay liner for the walls, which ties into an in-situ liner under the lagoon floor. The contractor plans to directionally drill the forcemain into the existing lagoon. They will construct a coffer dam to isolate the area where the new forcemain will be installed to prevent accidental releases of untreated sewage into the environment. After the completion of the pipe installation, they will fill the remaining bore hole with a bentonite slurry, to seal around the pipe. Sheets ML24 and DT2 from the issued for construction set are attached showing the location of the new forcemain and the detail of the pipe going through the dike. The full plan set was submitted with the Public Health Act Certificate of Approval.

There will be no significant impacts to the environment as a result of this alteration.

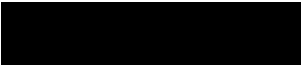
Please provide approval for the proposed alterations.

JRCC.ca

If you have any questions, please contact the undersigned.

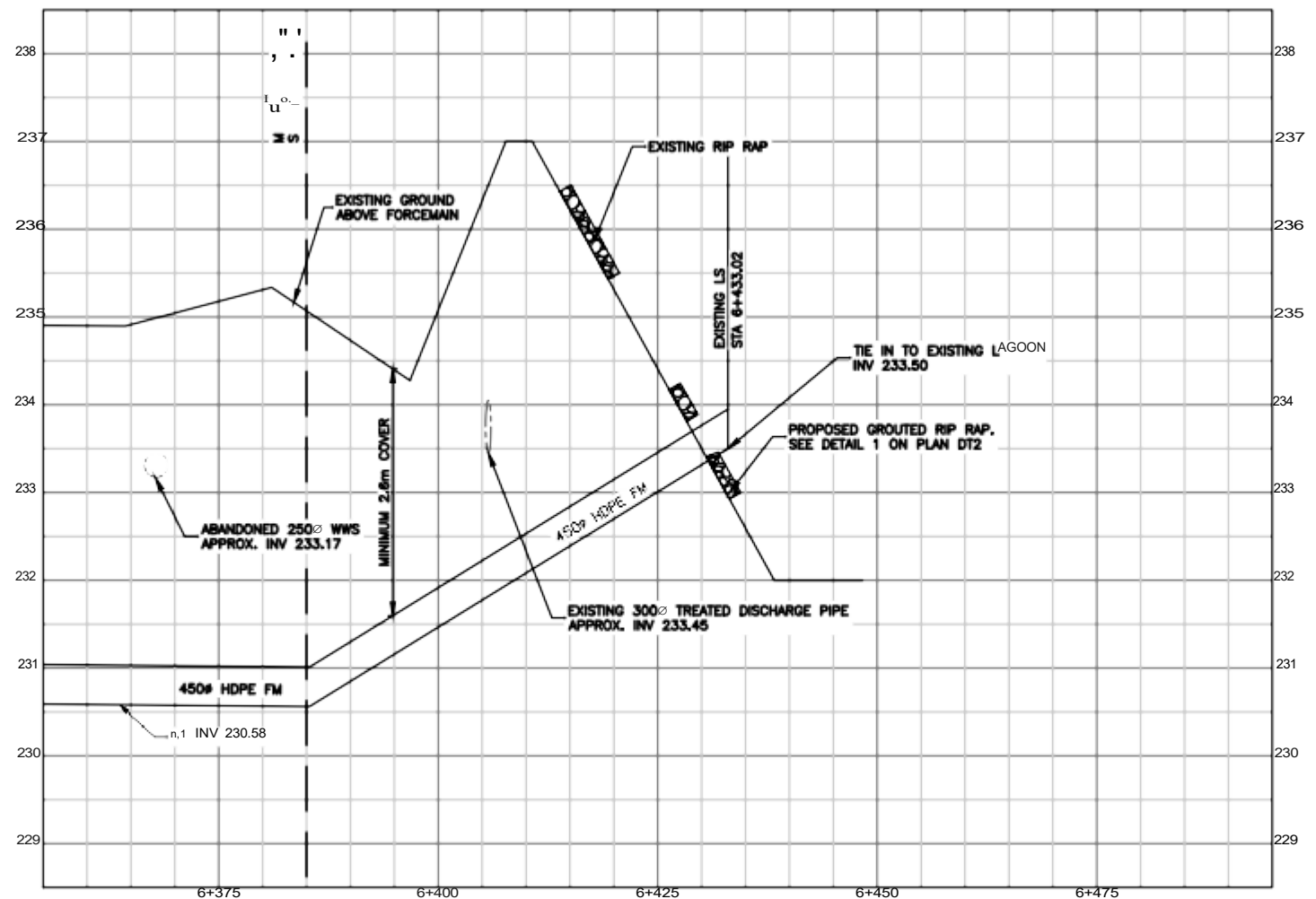
Yours truly,

JR Cousin Consultants Ltd.


David Kelly, P.Eng.
Municipal Engineer

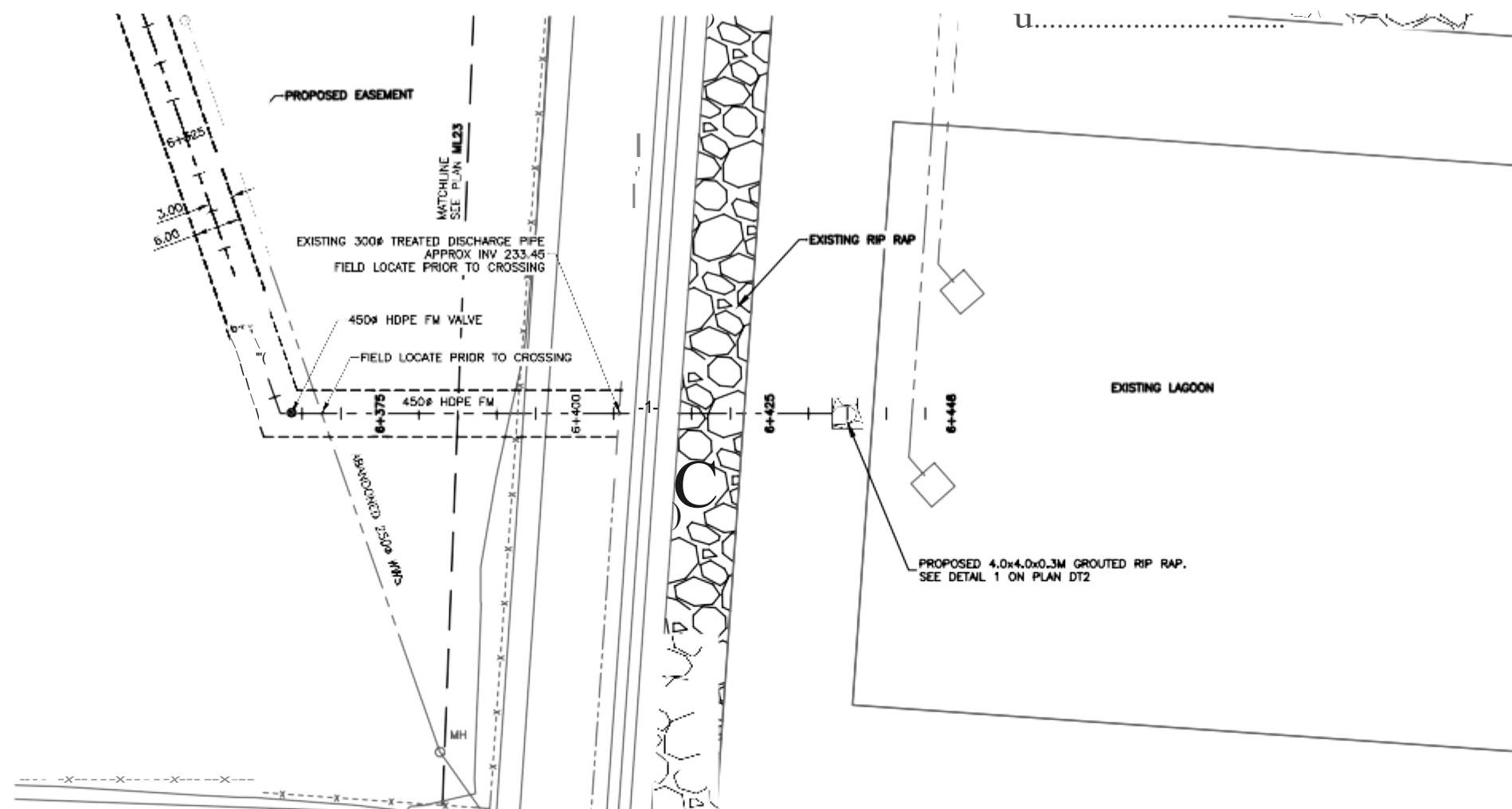
enc.
Forcemain Installation Plan
NOA fee

cc. Mr. Chris Luellman, CAO, RM of Rockwood
Mr. Rob Boswick, P.Eng., Manitoba Environment and Climate Change
Mr. Siobhan Burland Ross, P.Eng., Manitoba Environment and Climate Change



STA. 6+385.00 TO STA. 6+469.00

SCALE - V: 1:50
H: 1:500



STA. 6+385.00 TO STA. 6+469.00

SCALE - 1:500



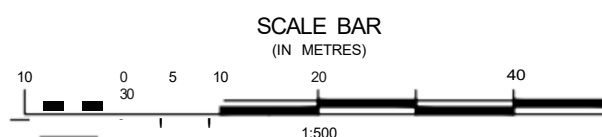
NOTES:

- FIELD LOCATE ALL EXISTING SERVICE LINES, MAINLINES, AND UTILITIES PRIOR TO CONSTRUCTION.
- MAINTAIN WATER AND SEWER SERVICING DURING CONSTRUCTION.
- COMPLETE ALL SURFACE, AND GRAVITY SEWER WORKS IN ACCORDANCE WITH MANITOBA WATER SERVICES BOARD STANDARD CONSTRUCTION SPECIFICATIONS.
- MAINTAIN MINIMUM 2.6m COVER OVER PROPOSED FORCEMAIN.
- COORDINATE GUY WIRE RELOCATION WITH MB HYDRO.
- RESTORE ASPHALT ROAD TO EXISTING CONDITIONS AS INCIDENTAL.



KEY PLAN
SCALE - 1:30000

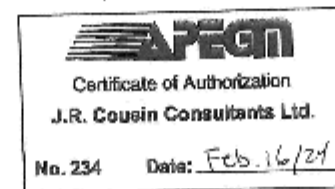
ISSUED FOR CONSTRUCTION



No.	REVISIONS	DATE	INITIALS
3	ISSUED FOR CONSTRUCTION	24/05/13	C
2	REVISED FOR ADDENDUM #1	24/02/28	DD
1	ISSUED FOR TENDER	24/02/16	DD

B.M. EL.
SEE PLAN G1

LOCATIONS OF UNDERGROUND STRUCTURES/UTILITIES AS SHOWN ARE BASED ON AVAILABLE INFORMATION BUT NO GUARANTEE IS GIVEN OR IMPLIED THAT ALL EXISTING UNDERGROUND STRUCTURES/UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTING UNDERGROUND UTILITIES MUST BE OBTAINED FROM THE APPROPRIATE AUTHORITY/OWNER, BY THE CONTRACTOR, BEFORE PROCEEDING WITH CONSTRUCTION.



ENGINEER'S SEAL
ORIGINAL DRAWING SET
SIGNED AND SEALED
BY
M.B. FISHER
24/02/16



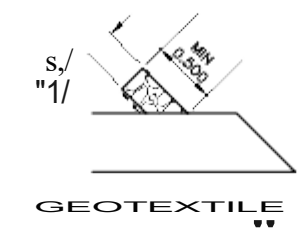
JR Cousin Consultants Ltd.
91A Scurfield Blvd. Winnipeg MB R3Y 1G4
p. (204) 489-0474
f. (204) 489-0487
www.jrcc.ca

CODE: S-325.57
DESIGNED BY: MF
DRAWN BY: DD
REVIEWED BY: DK

PROJECT: STONY MOUNTAIN LIFT STATION AND FORCEMAIN

TITLE: PTH 7 PLAN AND PROFILE
STA. 6+385.00 TO STA. 6+469.00

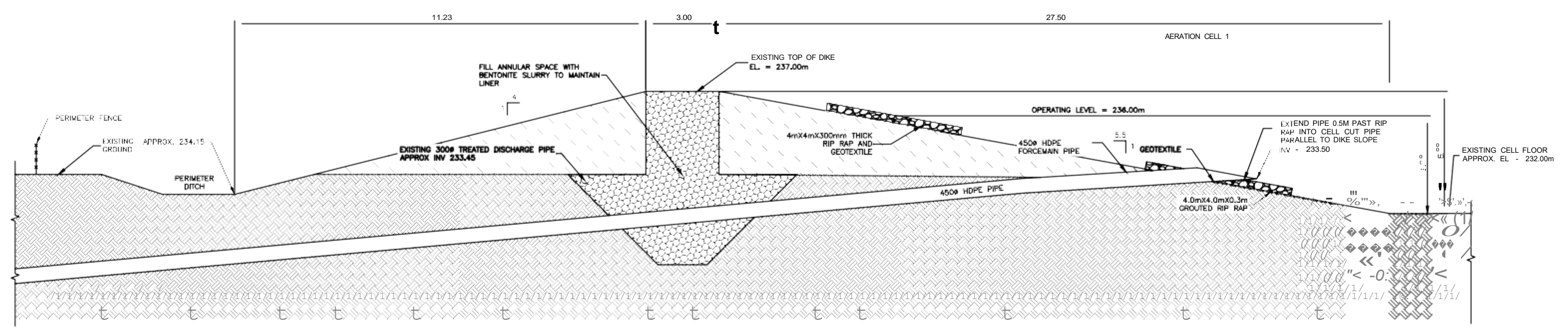
SCALE: 1:500 DATE: 24/02/16 PLAN: ML24 SHEET: 25 of 40



SIDE VIEW

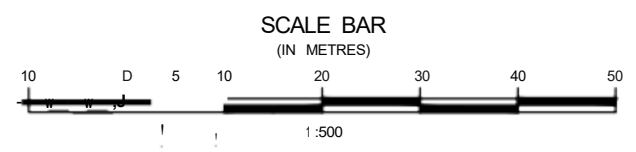
E RIPRAP DETAIL
SCALE: 1:50

- LEGEND:**
- GROUND/INSITU SOIL
 - HIGH PLASTIC SOILS/
EXCAVATED AND COMPACTED
APPROVED BEDDING
MATERIAL
 - ROCK/RIPRAP
 - EXISTING DIKE



EB PERIMETER DIKE AT LAGOON TIE IN
SCALE - 1:100

tiqif:
SEE SPECIFICATION FOR LOWERING WATER LEVEL PROCEDURE



No.	REVISIONS	DATE	INITIALS
2	ISSUED FOR CONSTRUCTION	24/05/13	C
1	ISSUED FOR TENDER	24/02/16	DD

B.M. EL. SEE PLAN G1

LOCATIONS OF UNDERGROUND STRUCTURES/UTILITIES AS SHOWN ARE BASED ON AVAILABLE INFORMATION BUT NO GUARANTEE IS GIVEN OR IMPLIED THAT ALL EXISTING UNDERGROUND STRUCTURES/UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL UNDERGROUND STRUCTURES/UTILITIES MUST BE OBTAINED FROM THE APPROPRIATE AUTHORITIES, WHEN BE OBTAINED CONTRACTOR, BEFORE PROCEEDING WITH CONSTRUCTION.



ENGINEER'S SEAL

ORIGINAL DRAWING SET
SIGNED AND SEALED
BY
D.J. KELLY
24/02/16

JR Cousin Consultants Ltd.

91A Scurfield Blvd. Winnipeg MB R3Y 1G4
p. (204) 489-0474
f. (204) 489-0487
www.jrcc.ca

ENGINEERING CONSULTANTS
ENGINEERING EXCELLENCE SINCE 1981

CODE: S-325.57	PROJECT: PROFFEN MOUNTAIN
DESIGNED BY: DK	LIFT STATION AND FORCEMAIN
DRAWN BY: DD	TITLE: PERIMETER DIKE AT LAGOON TIE IN
REVIEWED BY: MF	SCALE: AS NOTED
	DATE: 24/02/16
	PLAN: DT2
	SHEET: 38 of 40

ISSUED FOR CONSTRUCTION