

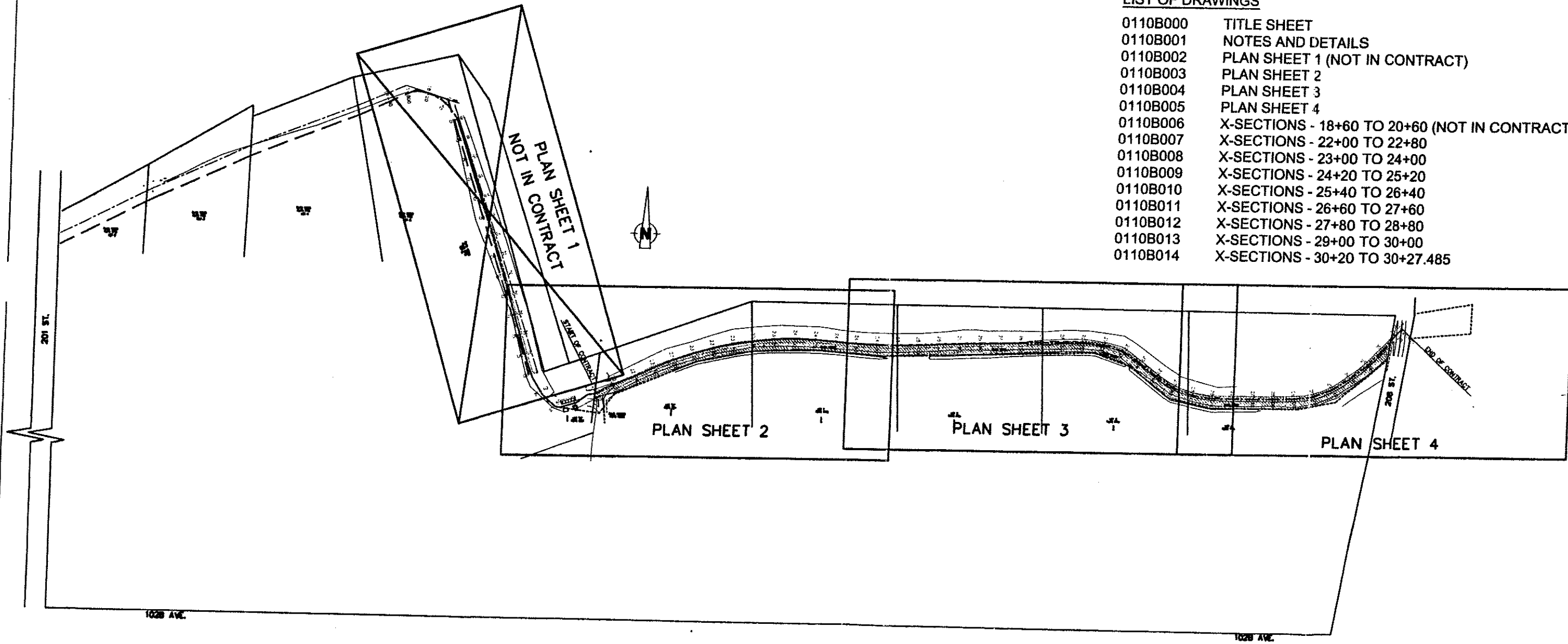
WEST LANGLEY DYKE UPGRADE

TOWNSHIP FILE No. 3630-D12

Contract No. FT-141

LIST OF DRAWINGS

0110B000	TITLE SHEET
0110B001	NOTES AND DETAILS
0110B002	PLAN SHEET 1 (NOT IN CONTRACT)
0110B003	PLAN SHEET 2
0110B004	PLAN SHEET 3
0110B005	PLAN SHEET 4
0110B006	X-SECTIONS - 18+60 TO 20+60 (NOT IN CONTRACT)
0110B007	X-SECTIONS - 22+00 TO 22+80
0110B008	X-SECTIONS - 23+00 TO 24+00
0110B009	X-SECTIONS - 24+20 TO 25+20
0110B010	X-SECTIONS - 25+40 TO 26+40
0110B011	X-SECTIONS - 26+60 TO 27+60
0110B012	X-SECTIONS - 27+80 TO 28+80
0110B013	X-SECTIONS - 29+00 TO 30+00
0110B014	X-SECTIONS - 30+20 TO 30+27.485



CERTIFIED RECORD DRAWING

Waterworks	W
Sanitary	S
Storm Drains	SD
Ditches	D
Misc. Utilities	MU
Poles	P

BENCHMARK

LEVELTON
Engineering Solutions

Levelton Engineering Ltd.
150-12791 Clave Place Tel: 604 278-1411
Nanaimo, B.C. Fax: 604 278-1943
FILE No. 801-0197-01

SEAL

NOTES

UTILITIES AND APPURTENANCES

CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

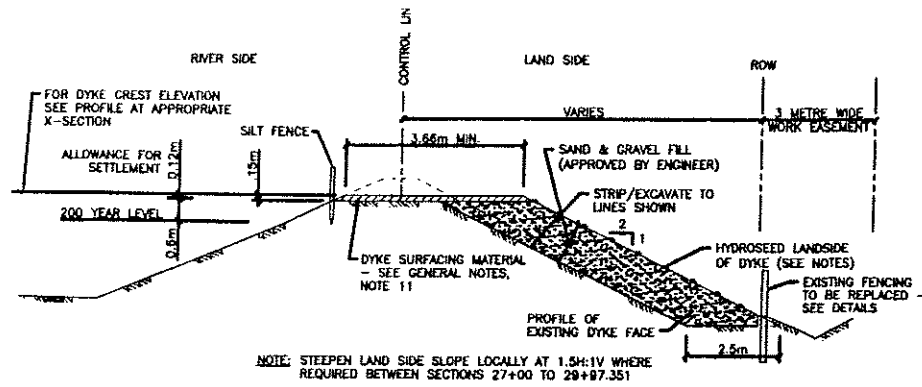
No	Date	REVISIONS
1	06/11/01	ISSUED FOR TENDER
2	06/12/01	ISSUED FOR APPROVAL
3	06/20/01	ISSUED FOR APPROVAL
4	11/01/01	ISSUED FOR CONSTRUCTION
5	11/08/01	RECORD DRAWING ISSUE

SCALE	1:2000
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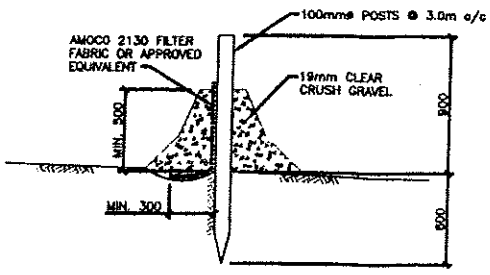
The Corporation of the Township of Langley

WEST LANGLEY DYKE UPGRADE
TITLE SHEET

PLAN 020980017 SHEET NO. SHEET 1 OF 15 REV. 4

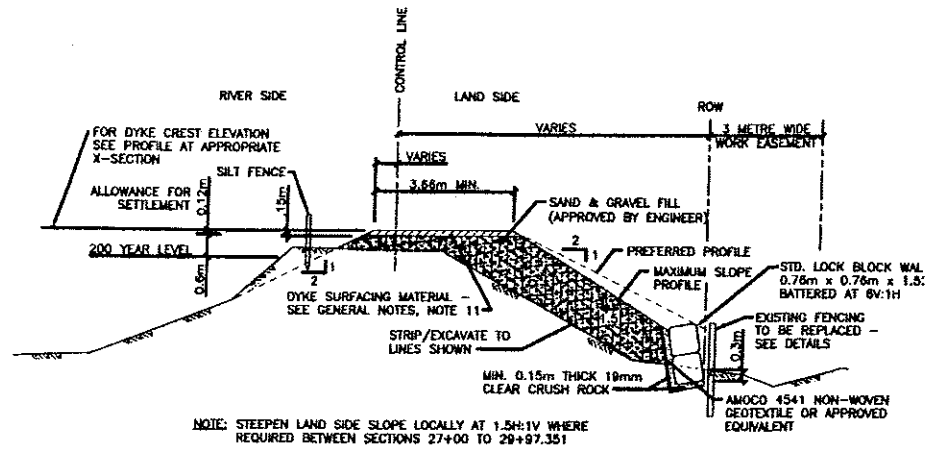


TYPICAL SECTION - CUT & FILL
N.T.S.

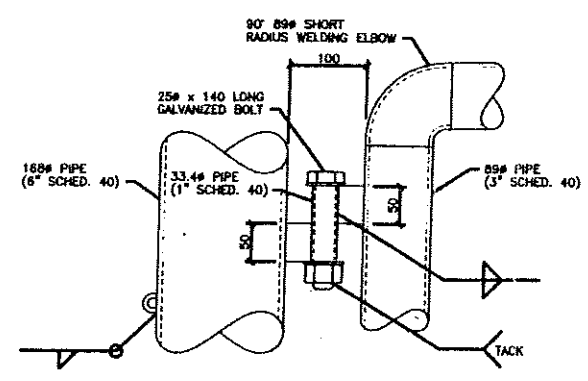


SILT FENCE DETAIL
N.T.S.

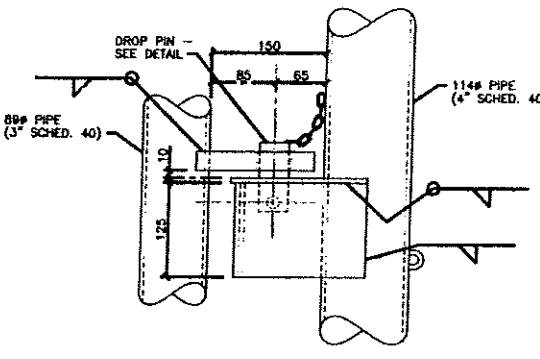
2. THE CONTRACTOR WILL CONSTRUCT THE SILT CONTROL FENCE AS PER THE DETAIL PRIOR TO EXCAVATION AND/OR FILL WORK.
3. WHILE SITE CONSTRUCTION IS ONGOING, THE CONTRACTOR IS TO BE RESPONSIBLE FOR ENSURING SEDIMENT CONTROL FACILITIES ARE MAINTAINED AND WORKING ADEQUATELY TO CONTROL ALL DISCHARGES FROM THE SITE. MAINTENANCE SHALL INCLUDE VACUUM SWEEPING OF ALL PAVED ROADS, FLUSHING OF THE ROADS IS NOT PERMITTED. ALL FACILITIES SHALL BE INSPECTED BY THE CONTRACTOR ON A WEEKLY BASIS TO ENSURE PROPER OPERATION UNTIL REMOVAL.
4. SILT FENCE IS TO BE AMOCO 2130 OR AS APPROVED BY THE ENGINEER AS PER DETAIL.
5. ANY IRREGULARITIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.



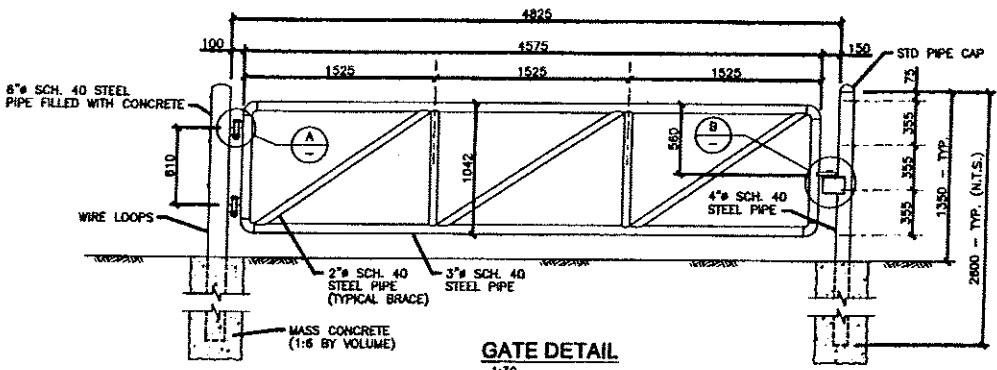
TYPICAL SECTION WITH RETAINING WALL
N.T.S.



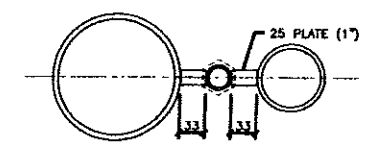
DETAIL A
1:5



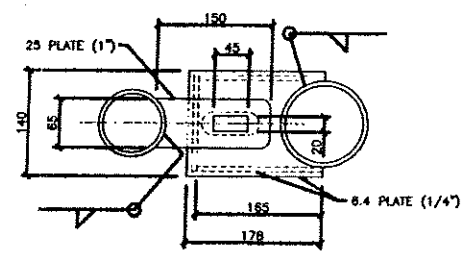
DETAIL B
1:5



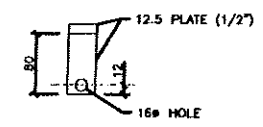
GATE DETAIL
1:30



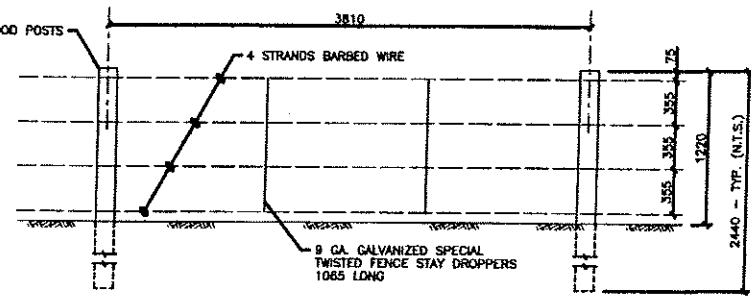
PLAN DETAIL A
1:5



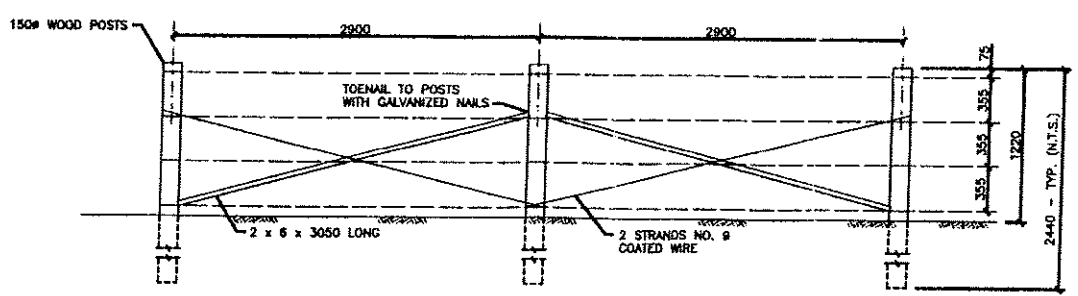
PLAN DETAIL B
1:5



DROP PIN DETAIL



TYPICAL FENCE
1:30



FENCE END DETAIL
1:30

CERTIFIED RECORD DRAWING

Waterworks	Sanitary	Storm Drains	Ditches	Misc. Utilities	Poles

BENCHMARK	
MONUMENT 88H5666 LOCATED AT 205 ST. AND 102B AVE ELEVATION = 8.504	
MONUMENT 88H4584 LOCATED AT 203 ST AND 102 B AVE ELEVATION = 3.53	
MONUMENT 84H9718 LOCATED AT 208 ST AND 102 B AVE ELEVATION = 3.354	

LEVELTON
Engineering Solutions
Levelton Engineering Ltd.
138-127th Street
Richmond, B.C.
Tel: 604 278-1411
Fax: 604 278-1462
File No. 01-017-01

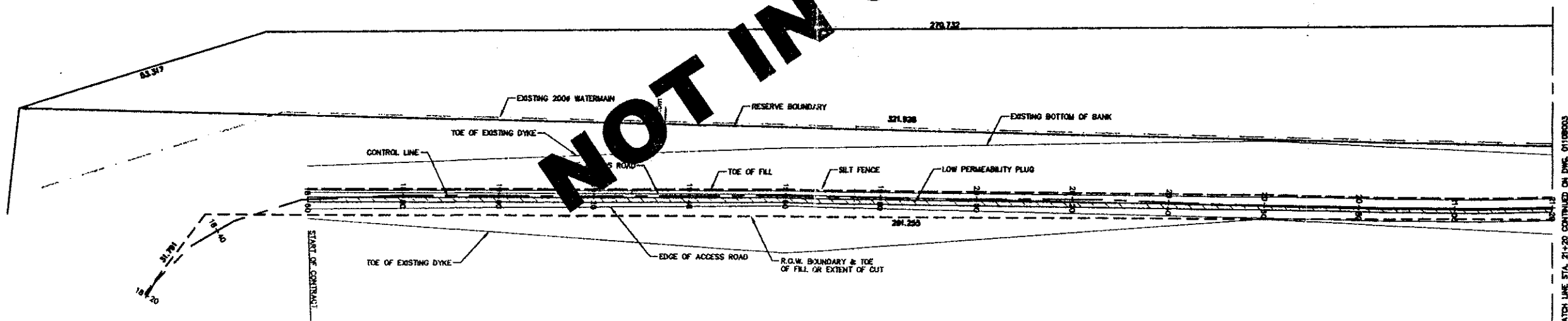
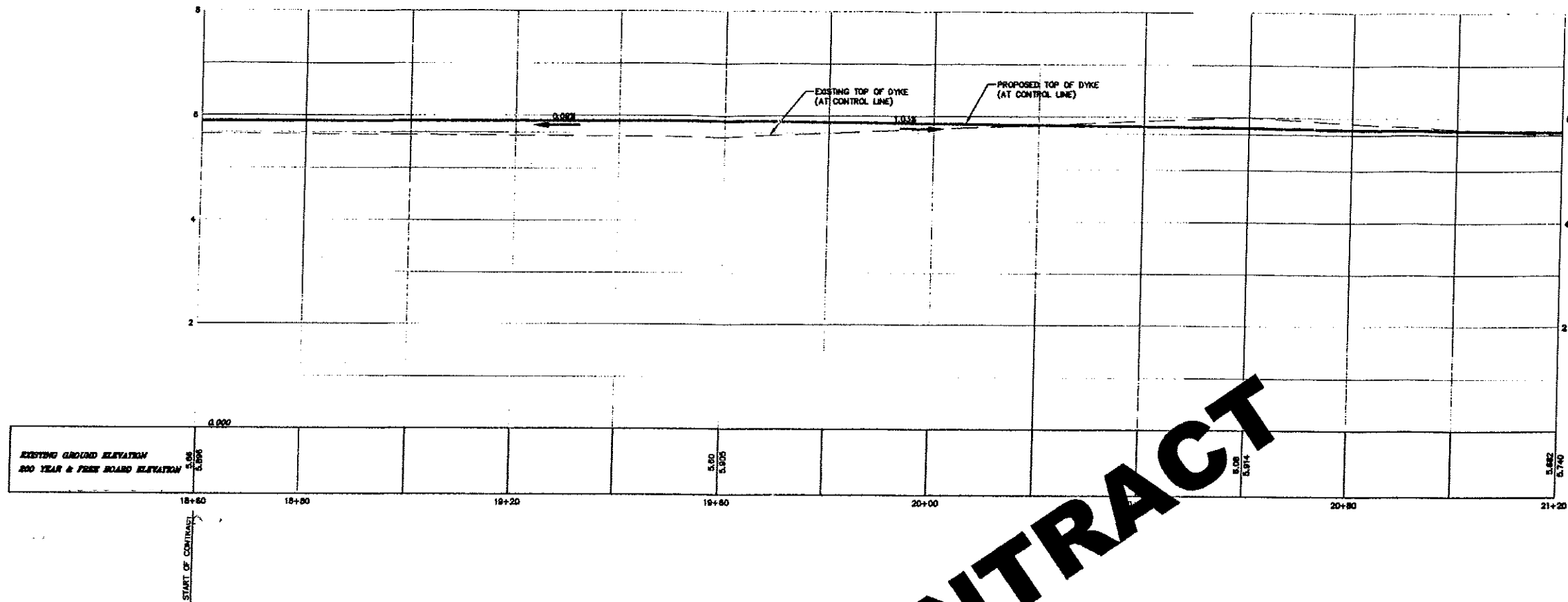
SEAL

NOTES	
UTILITIES AND APPURTENANCES	
CONTRACTOR TO CONTACT TELUS B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT	

#	DATE	REVISIONS
1	14/06/02	RECORD DRAWING ISSUE
2	20/11/04	ISSUED FOR TENDER
3	20/12/04	ISSUED FOR APPROVAL
4	04/01/05	REMOVED FOR APPROVAL
5	11/01/05	ISSUED FOR CONSTRUCTION
6	14/01/05	RETAINING WALL DETAIL ADDED, ISSUED FOR CONSTRUCTION

DESIGNED BY	PRE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
STATUS	SHOWN

The Corporation of the Township of Langley
WEST LANGLEY DYKE UPGRADE
NOTES AND DETAILS
PLAN 0209B018 SHEET 2 OF 15 REV 5



NOT IN CONTRACT

PLAN 13810
PLAN 1115
LOT 5



LEGEND	
Waterworks	
Sanitary	
Storm Drains	
Ditches	
Misc. Utilities	
Poles	

BENCHMARK	
MONUMENT 8815666	LOCATED AT 205 ST. AND 1028 AVE. ELEVATION = 8.504
MONUMENT 8814564	LOCATED AT 203 ST AND 102 B AVE. ELEVATION = 3.53
MONUMENT 8410718	LOCATED AT 206 ST AND 102 B AVE. ELEVATION = 3.364

LEVELTON
Engineering Solutions

Levelton Engineering Ltd.
150-1771 Clark Place
Richmond, B.C.
Tel: 604 278-1411
Fax: 604 278-1952
FILE No. 981-0187-02

SEAL

NOTES	
UTILITIES AND APPURTENANCES	
CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT	

No	Date	REVISIONS
0	08/11/01	ISSUED FOR TENDER
1	20/12/01	ISSUED FOR APPROVAL
2	01/01/02	REBID FOR APPROVAL
3	11/01/02	ISSUED FOR CONSTRUCTION
4	14/02/02	ISSUE DRAWING ISSUE

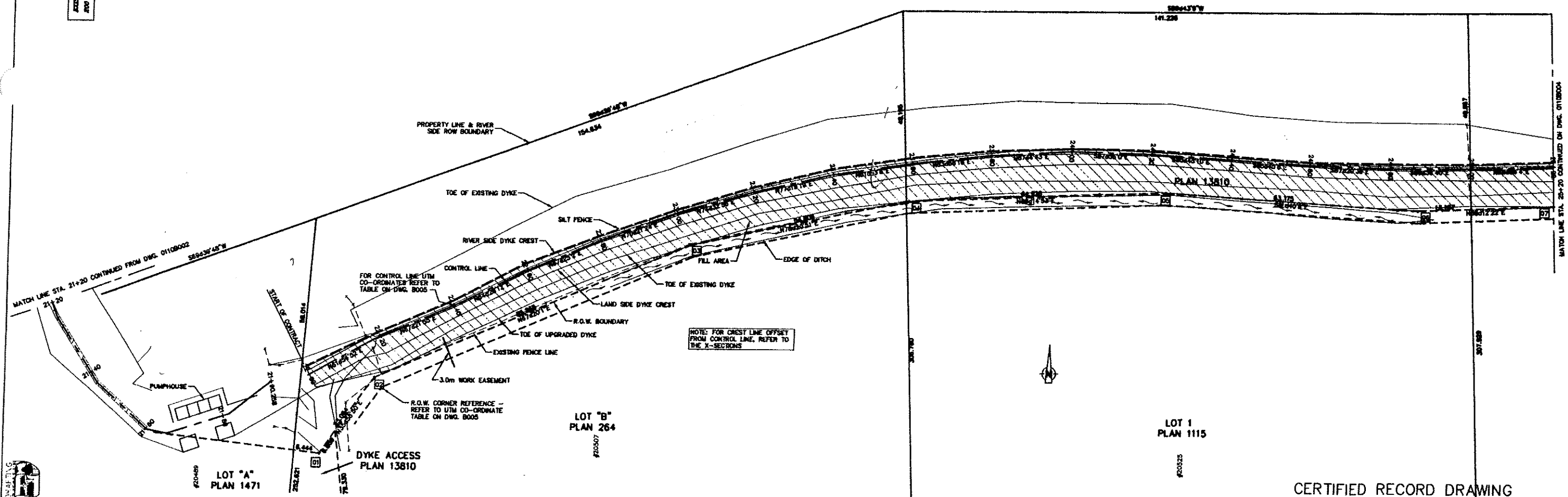
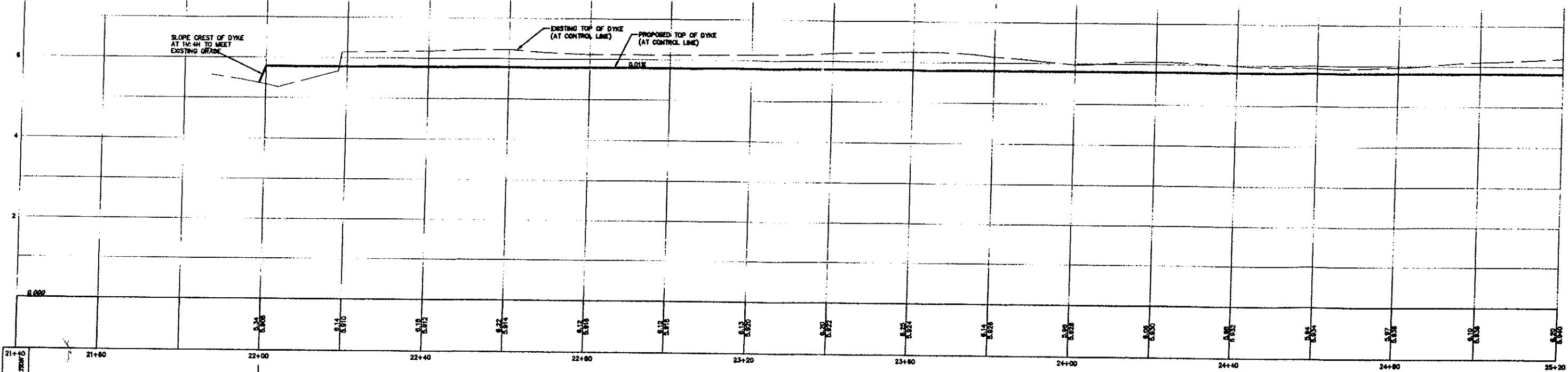
PLAN	
DATE	PRE
DATE	DLB
DATE	MG
DATE	NOV. 2001
HORIZ.	1:500
VERT.	1:50

The Corporation of the Township of Langley

Township of Langley

WEST LANGLEY DYKE UPGRADE
PLAN SHEET 1

PLAN 02098019 SHEET NO. SHEET 3 OF 15 REV. 3



CERTIFIED RECORD DRAWING

SYMBOL	DESCRIPTION
	Waterworks
	Sanitary
	Storm Drains
	Ditches
	Misc. Utilities
	Poles

BENCHMARK	
MONUMENT B845668	LOCATED AT 205 ST. AND 102B AVE ELEVATION = 6.204
MONUMENT B845664	LOCATED AT 203 ST AND 102 B AVE ELEVATION = 3.53
MONUMENT B849718	LOCATED AT 208 ST AND 102 B AVE ELEVATION = 3.364

LEVELTON
Engineering Solutions

Levelton Engineering Ltd.
130-12791 Clark Place Tel: 604 278-1411
Richmond, B.C. Fax: 604 278-1482
P.E. No. 891-912-91

SEAL

NOTES

UTILITIES AND APPURTENANCES

CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

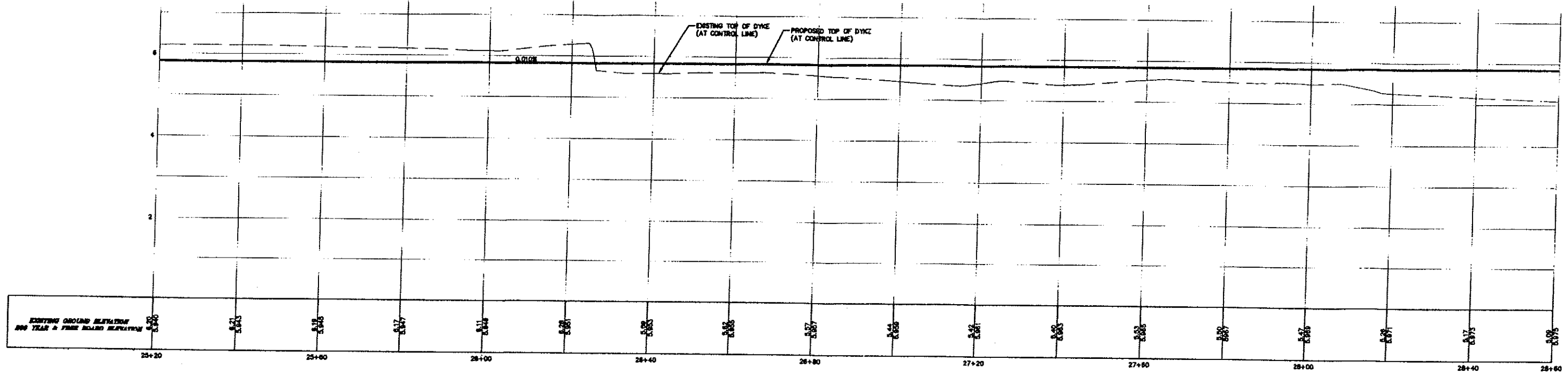
No	Date	REVISIONS
1	11/11/00	ISSUED FOR TENDER
2	01/12/01	ISSUED FOR APPROVAL
3	03/01/01	REVISION FOR APPROVAL
4	11/01/01	ISSUED FOR CONSTRUCTION
5	11/01/01	REVISION FOR CONSTRUCTION

DATE	BY	DESCRIPTION
11/11/00	DLB	PREPARED
01/12/01	MD	ISSUED FOR APPROVAL
03/01/01	MD	REVISION FOR APPROVAL
11/01/01	MD	ISSUED FOR CONSTRUCTION
11/01/01	MD	REVISION FOR CONSTRUCTION

The Corporation of the Township of Langley

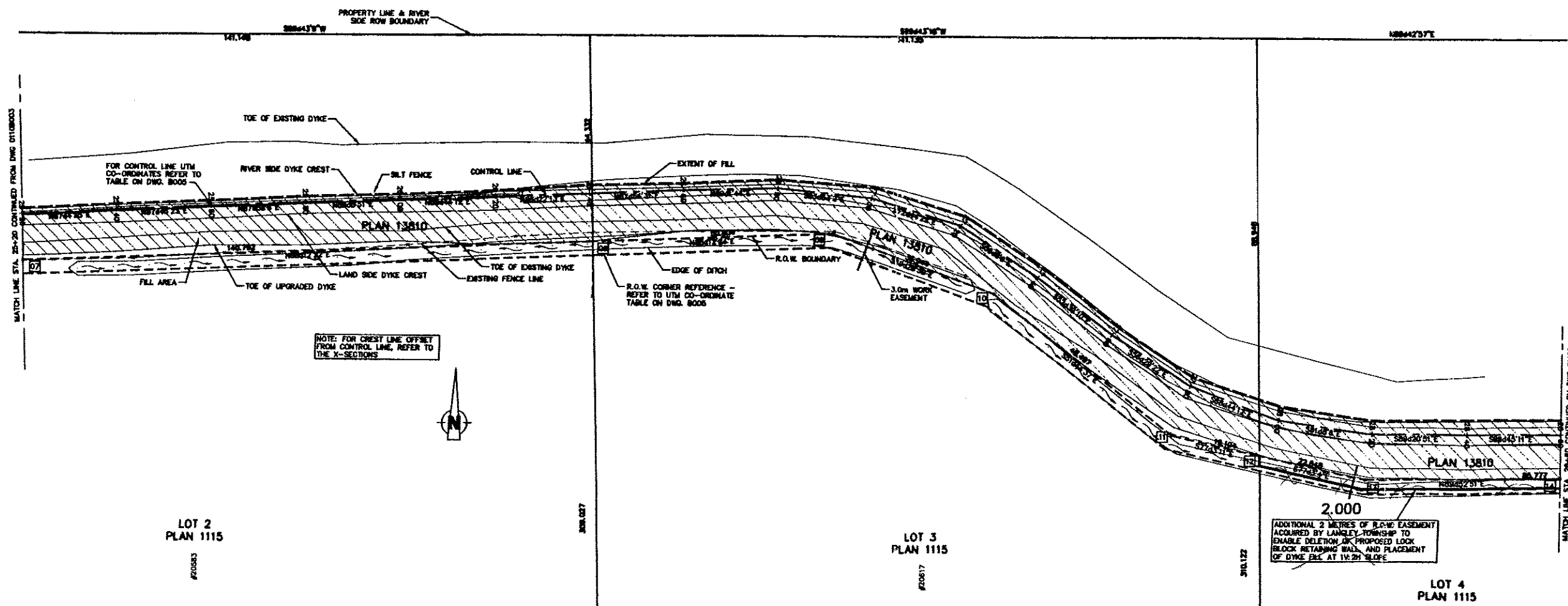
WEST LANGLEY DYKE UPGRADE
PLAN SHEET 2

PLAN 02098020 SHEET NO. SHEET 4 OF 15



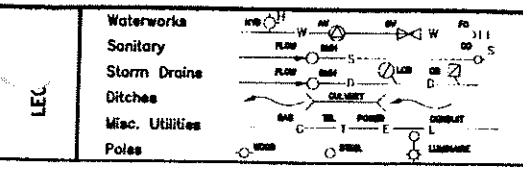
EXISTING ORIGIN ELEVATION AND YEAR & FINISH BOARD ELEVATION

Station	Year	Finish Board Elevation
25+20	2002	6.504
25+40	2002	6.504
25+60	2002	6.504
25+80	2002	6.504
26+00	2002	6.504
26+20	2002	6.504
26+40	2002	6.504
26+60	2002	6.504
26+80	2002	6.504
27+00	2002	6.504
27+20	2002	6.504
27+40	2002	6.504
27+60	2002	6.504
27+80	2002	6.504
28+00	2002	6.504
28+20	2002	6.504
28+40	2002	6.504
28+60	2002	6.504



2,000
ADDITIONAL 2 METRES OF R.O.W. EASEMENT ACQUIRED BY LANSLEY TOWNSHIP TO ENABLE DELETION OF PROPOSED LOCK BLOCK RETAINING WALL, AND PLACEMENT OF DYKE BEL AT 1V:2H SLOPE

LOT 4
PLAN 1115
CERTIFIED RECORD DRAWING



BENCHMARK
MONUMENT 8845666 LOCATED AT 205 ST. AND 102B AVE
ELEVATION = 6.504
MONUMENT 8845664 LOCATED AT 203 ST AND 102 B AVE
ELEVATION = 3.333
MONUMENT 8846718 LOCATED AT 206 ST AND 102 B AVE
ELEVATION = 3.364

LEVELTON
Engineering Solutions
Levelton Engineering Ltd.
156-12791 Clarks Place
Burlington, B.C.
Tel: 604 278-1411
Fax: 604 278-1402
F.L.S. No. 201-9187-01

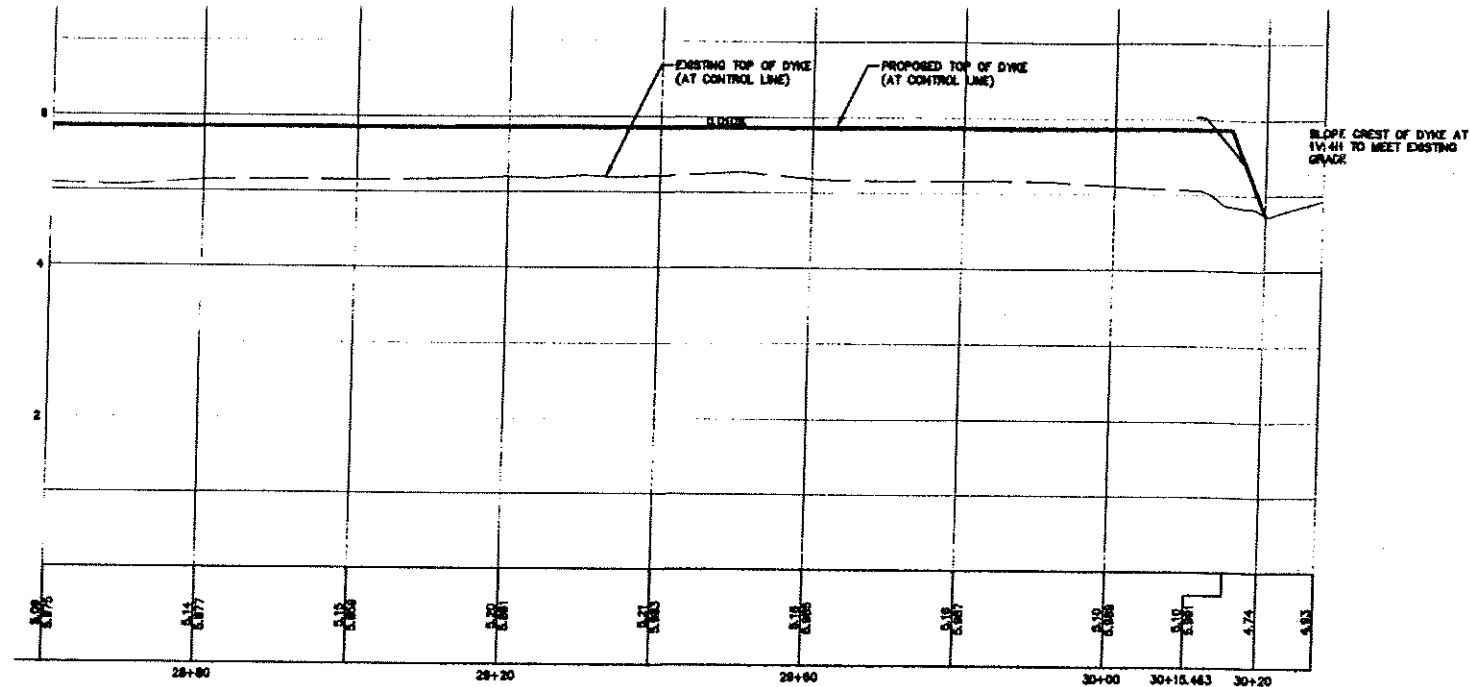
SEAL

NOTES
UTILITIES AND APPURTENANCES
CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No	Date	REVISIONS
1	14/06/06	ISSUE DRAWING DATE
2	14/06/06	ADDITIONAL R.O.W. EASEMENT ACQUIRED FROM LOT 4
3	20/11/06	ISSUED FOR TENDER
4	20/12/06	ISSUED FOR APPROVAL
5	02/01/07	ISSUED FOR APPROVAL
6	11/01/06	ISSUED FOR CONSTRUCTION
7	14/01/06	ISSUED REVISION

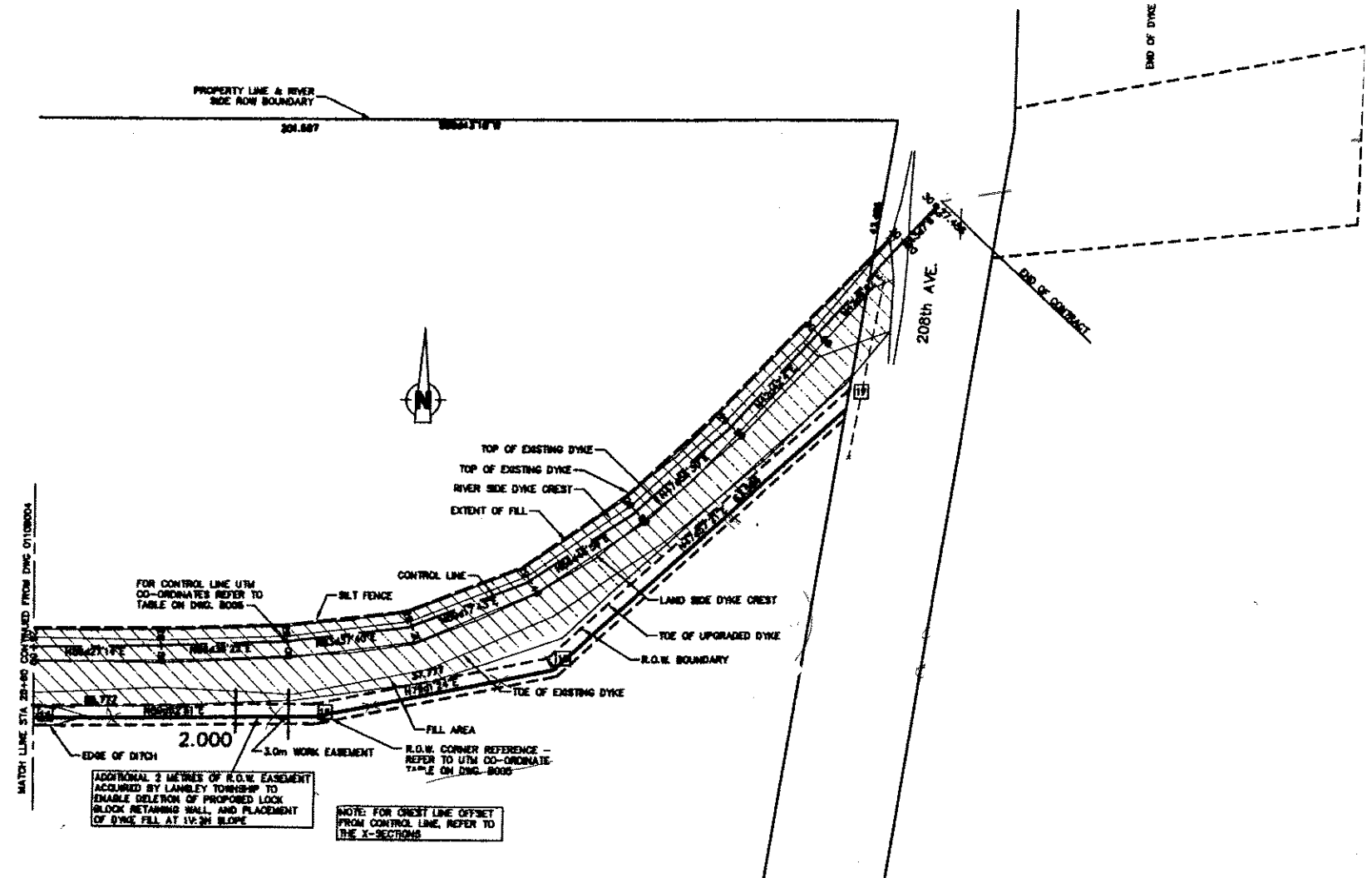
DESIGNED BY	PRE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
HORIZ	1:500
VERT.	1:50

The Corporation of the Township of Langley
TOWNSHIP OF LANGLEY
WEST LANSLEY DYKE UPGRADE
PLAN SHEET 3
PLAN 02098021 SHEET NO. SHEET 5 OF 15 BOX 6



22+20	525351.548	5450833.407	02	525350.914	5450823.254
22+40	525370.007	5450841.104	03	525428.983	5450856.112
22+60	525388.054	5450848.724	04	525482.888	5450869.181
22+80	525408.917	5450857.403	05	525547.587	5450884.186
23+00	525423.353	5450864.128	06	525610.781	5450894.380
23+20	525444.827	5450868.463	07	525644.107	5450905.425
23+40	525464.137	5450873.842	08	525784.585	5450908.198
23+60	525483.832	5450878.865	09	525813.384	5450970.788
23+80	525503.818	5450878.785	10	525849.984	5450887.836
24+00	525523.783	5450878.784	11	525888.046	5450827.807
24+20	525543.783	5450878.007	12	525908.685	5450823.527
24+40	525563.706	5450877.578	13	525928.932	5450818.407
24+60	525583.831	5450878.094	14	525970.310	5450818.483
24+80	525603.827	5450875.187	15	526014.708	5450818.585
25+00	525623.825	5450875.032	16	526051.801	5450825.778
25+20	525643.820	5450876.404		526098.007	5450888.348
25+40	525663.583	5450878.424			
25+60	525683.677	5450877.206			
25+80	525703.565	5450877.918			
26+00	525723.354	5450878.682			
26+20	525743.548	5450878.003			
26+40	525763.541	5450878.572			
26+60	525783.828	5450880.302			
26+80	525803.824	5450880.840			
27+00	525823.345	5450878.517			
27+20	525842.311	5450872.823			
27+40	525862.863	5450861.502			
27+60	525874.782	5450848.370			
27+80	525881.427	5450838.348			
28+00	525810.618	5450831.118			
28+20	525828.711	5450828.043			
28+40	525848.708	5450827.815			
28+60	525868.708	5450827.729			
28+80	525888.707	5450827.920			
29+00	525908.701	5450828.408			
29+20	525928.587	5450830.825			
29+40	525948.218	5450837.874			
29+60	525968.918	5450848.810			
29+80	525978.755	5450861.895			
30+00	525983.318	5450878.882			
30+20	526108.728	5450891.527			

UTM REFERENCE MONUMENT 848718 LOCATED AT 208 ST AND 102 B AVE
 N 526064.818m
 E 5450690.488m
 ELEVATION = 3.364m



LEGAL

Waterworks	Symbol
Sanitary	Symbol
Storm Drains	Symbol
Ditches	Symbol
Misc. Utilities	Symbol
Poles	Symbol

BENCHMARK
 MONUMENT 848566 LOCATED AT 205 ST AND 102B AVE
 ELEVATION = 8.504
 MONUMENT 848454 LOCATED AT 203 ST AND 102 B AVE
 ELEVATION = 3.53
 MONUMENT 848718 LOCATED AT 208 ST AND 102 B AVE
 ELEVATION = 3.364

LEVELTON
 Engineering Solutions
 Levelton Engineering Ltd.
 180-12791 Clarks Place
 Richmond, B.C. Tel: 604 276-1411
 Fax: 604 276-1442
 P.E. No. 881-247-91

SEAL

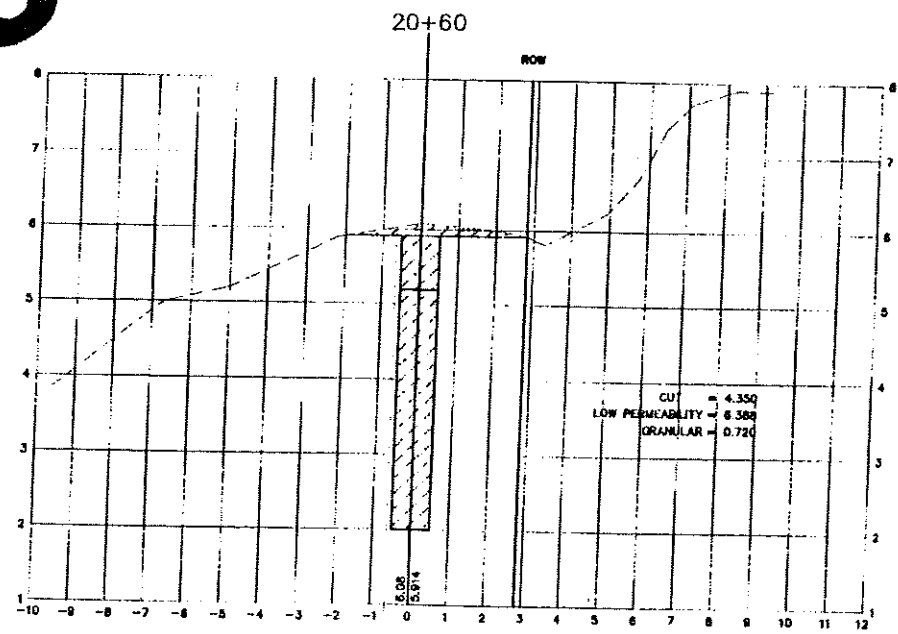
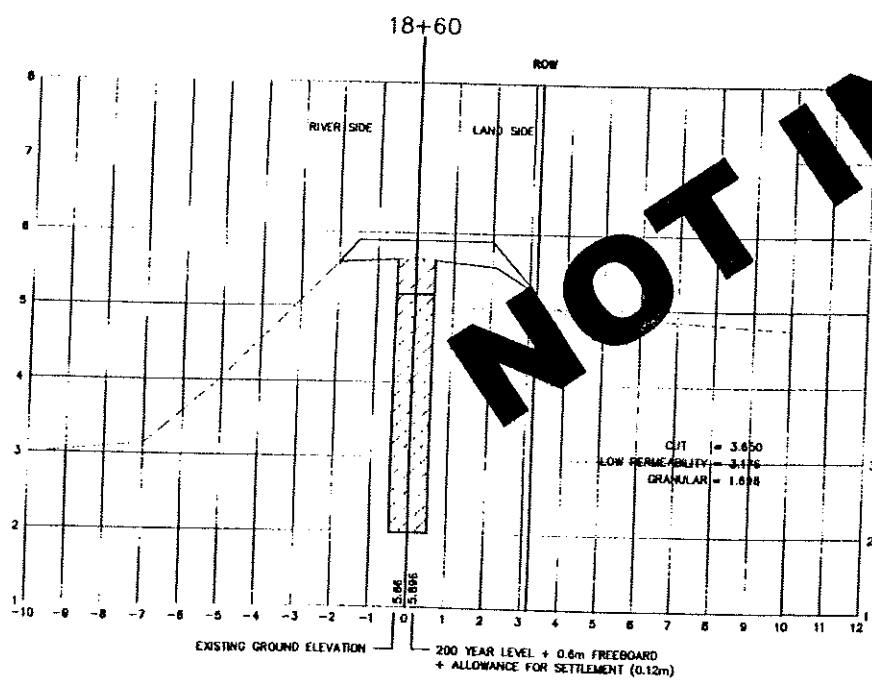
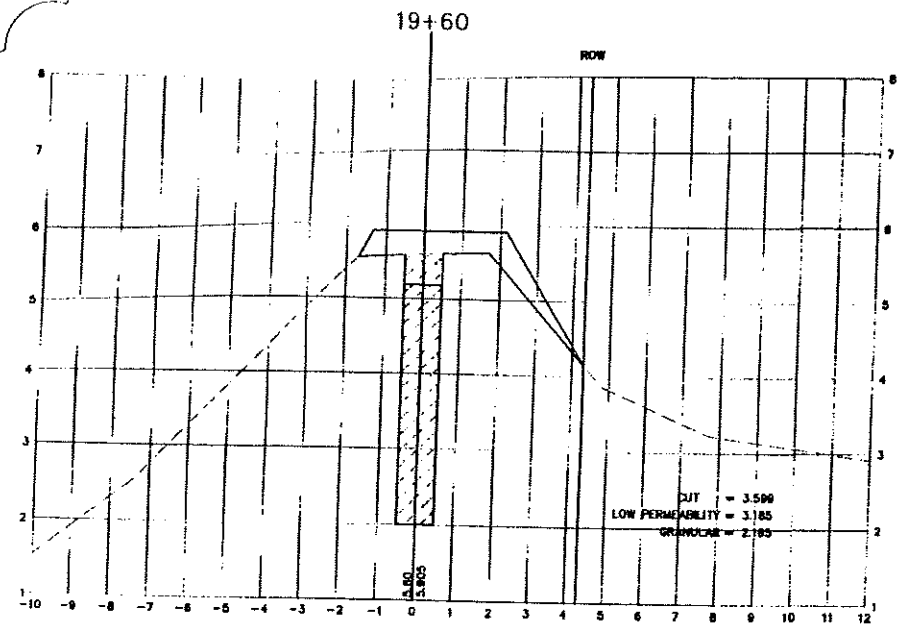
NOTES
UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No.	Date	REVISIONS
1	14/06/00	SECOND DRAINING BIBLE
2	14/06/00	ADDITIONAL R.O.W. EASEMENT ACQUIRED FROM LOT 4
3	25/11/00	ISSUED FOR TENDER
4	25/12/00	ISSUED FOR APPROVAL
5	25/01/01	ISSUED FOR APPROVAL
6	11/01/01	ISSUED FOR CONSTRUCTION
7	14/01/01	REVISIONS & UTM COORDINATES REVISION, REVISED SHALL APPLY

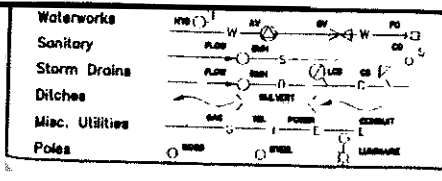
CERTIFIED RECORD DRAWING

The Corporation of the Township of Langley
 Township of Langley
WEST LANGLEY DYKE UPGRADE
 PLAN SHEET 4
 PLAN 02096022 SHEET NO. SHEET 6 OF 15 REV. 6

NOT IN CONTRACT



CERTIFIED RECORD DRAWING



BENCHMARK
 MONUMENT BBH5866 LOCATED AT 205 ST. AND 102B AVE
 ELEVATION = 6.904
 MONUMENT BBH4584 LOCATED AT 203 ST AND 102 B AVE
 ELEVATION = 3.63
 MONUMENT BBH5718 LOCATED AT 208 ST AND 102 B AVE
 ELEVATION = 3.364

LEVELTON
 Engineering Solutions
 Levelton Engineering Ltd.
 228-12701 Clark Road Richmond, B.C.
 Tel: 604 278-1911 Fax: 604 278-1902
 File No. 01-100-01

SEAL

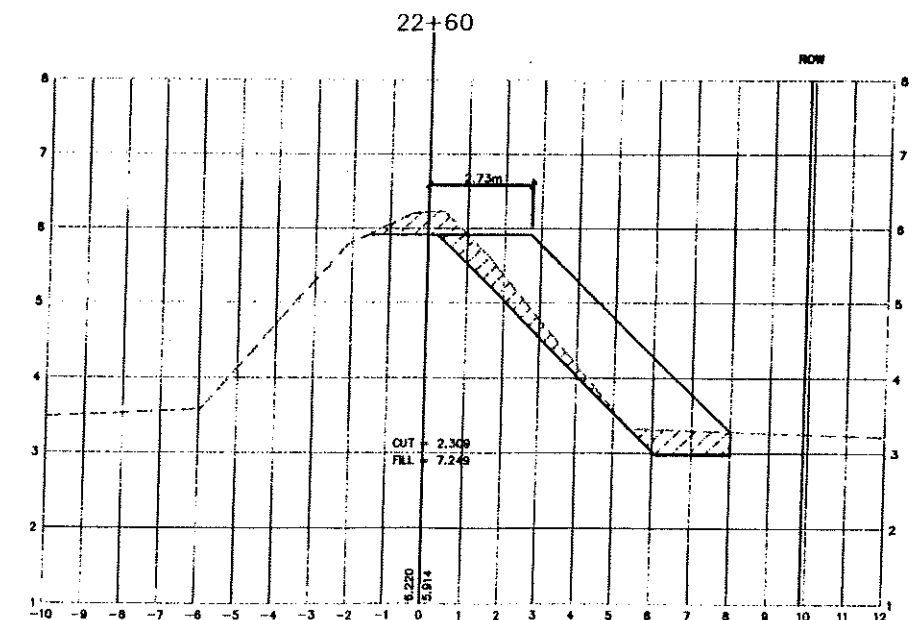
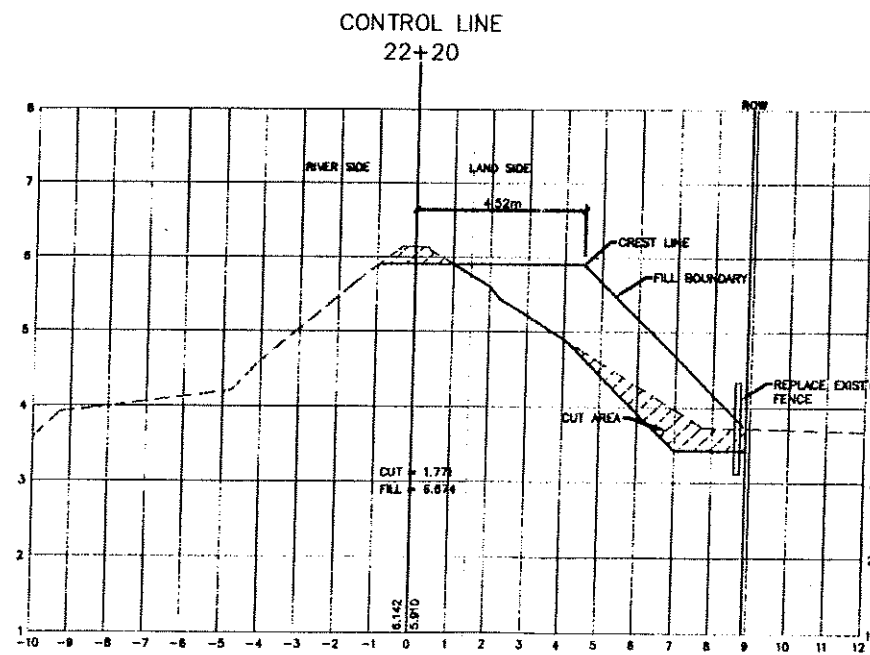
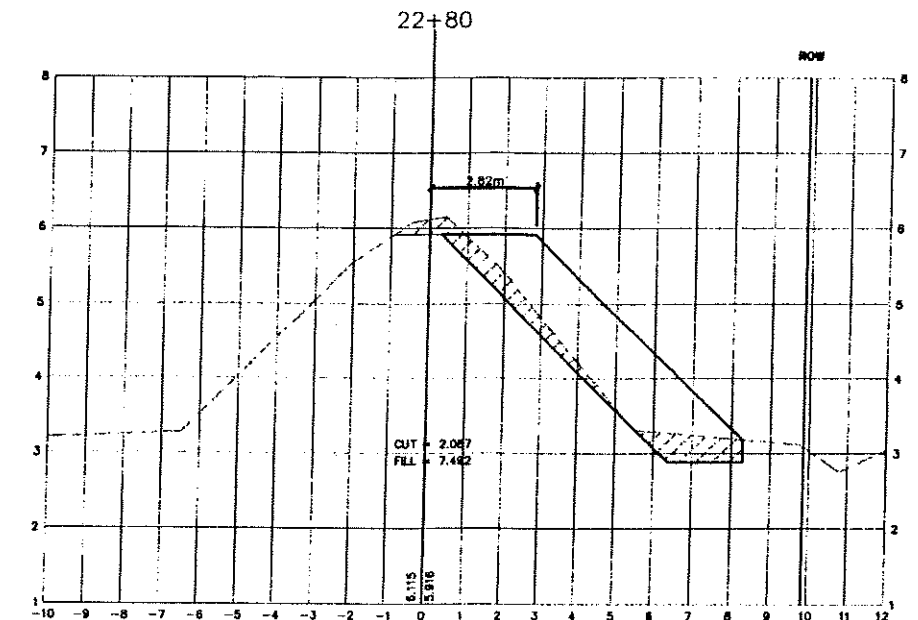
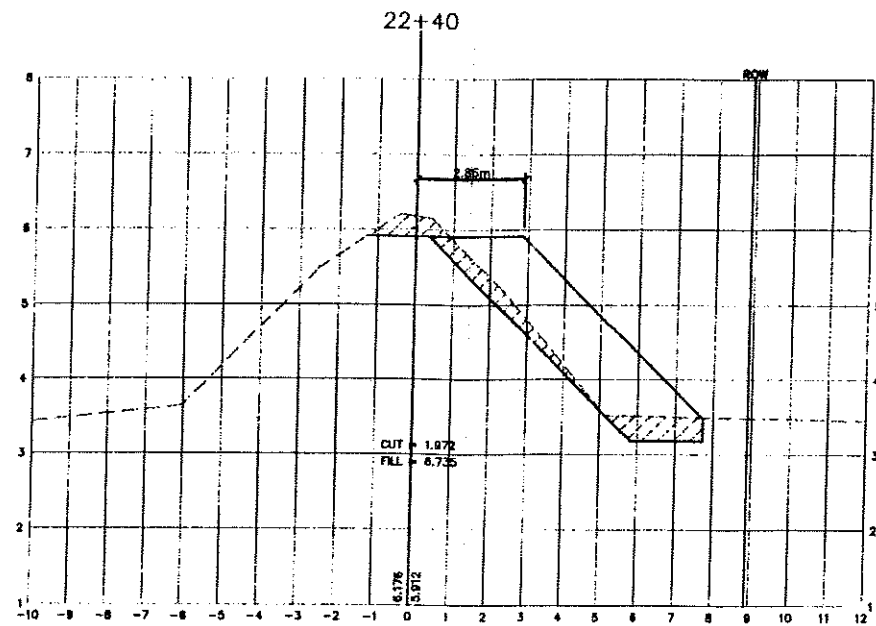
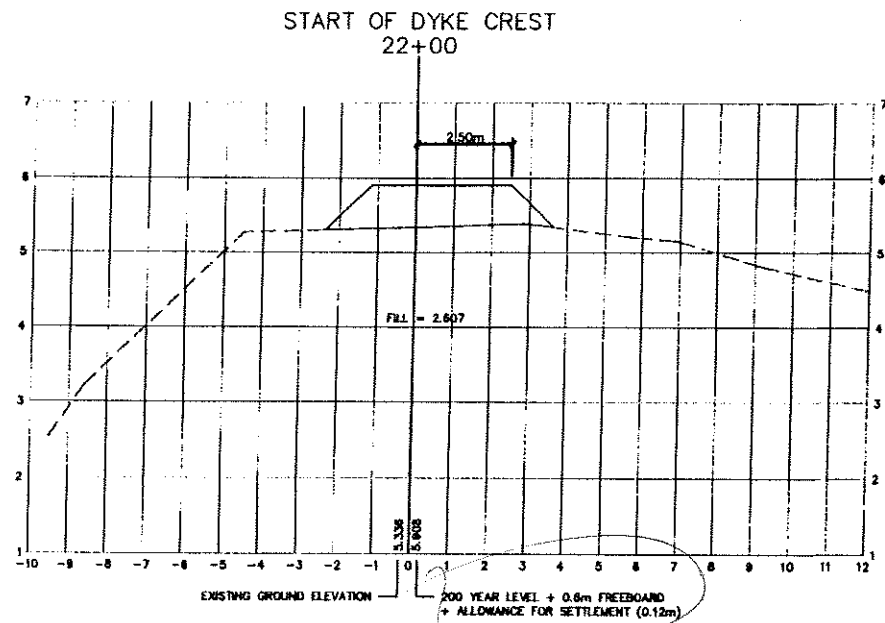
NOTES
UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No	Date	REVISIONS
0	08/11/01	ISSUED FOR TENDER
1	08/12/01	ISSUED FOR APPROVAL
2	08/14/01	ISSUED FOR APPROVAL
3	11/09/01	ISSUED FOR CONSTRUCTION
4	11/09/01	ISSUED GRADING BIDD

DESIGNED BY	PFE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
SCALE	HORIZ. 1:100 VERT. 1:50

The Corporation of the Township of Langley

WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 18+60 TO 20+60
 PLAN 02098023 SHEET NO. SHEET 7 OF 15



CERTIFIED RECORD DRAWING



Waterworks	
Sanitary	
Storm Drains	
Ditches	
Misc. Utilities	
Poles	

BENCHMARK
 MONUMENT 8848648 LOCATED AT 308 ST. AND 102B AVE
 ELEVATION = 6.504
 MONUMENT 8844864 LOCATED AT 303 ST AND 102 B AVE
 ELEVATION = 5.83
 MONUMENT 8448718 LOCATED AT 308 ST AND 102 B AVE
 ELEVATION = 3.364

LEVELTON
Engineering Solutions

Levelton Engineering Ltd.
 180-12241 Gladys Place Tel: 604 278-1411
 Richmond, B.C. Fax: 604 278-1046
 P.E. No. 801-9187-11

SEAL

NOTES
UTILITIES AND APPLICANCES
 CONTRACTOR TO CONTACT TELUS, P.C. HYDRO AND
 B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS
 OF UTILITIES AND APPLICANCES REQUIRING ADJUSTMENT

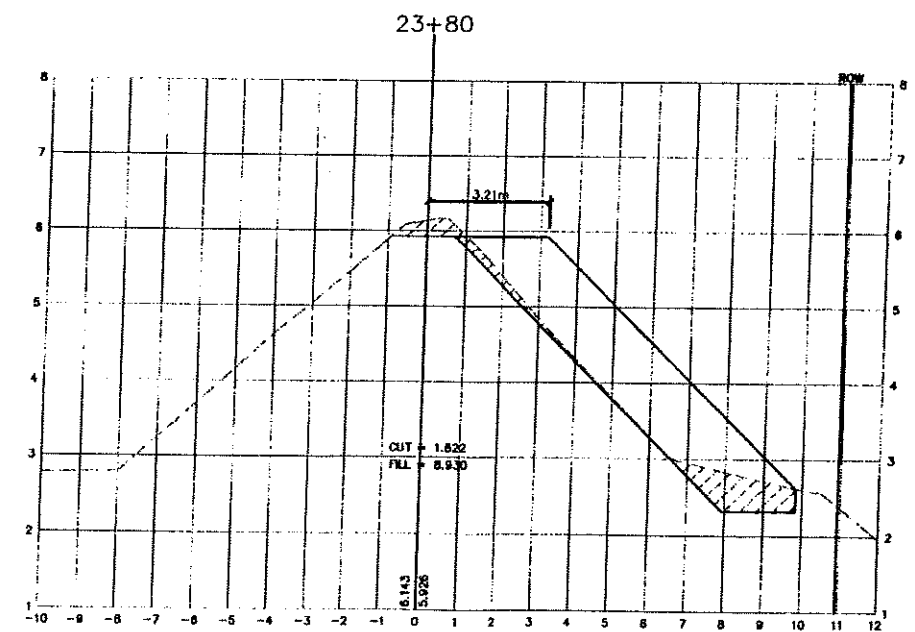
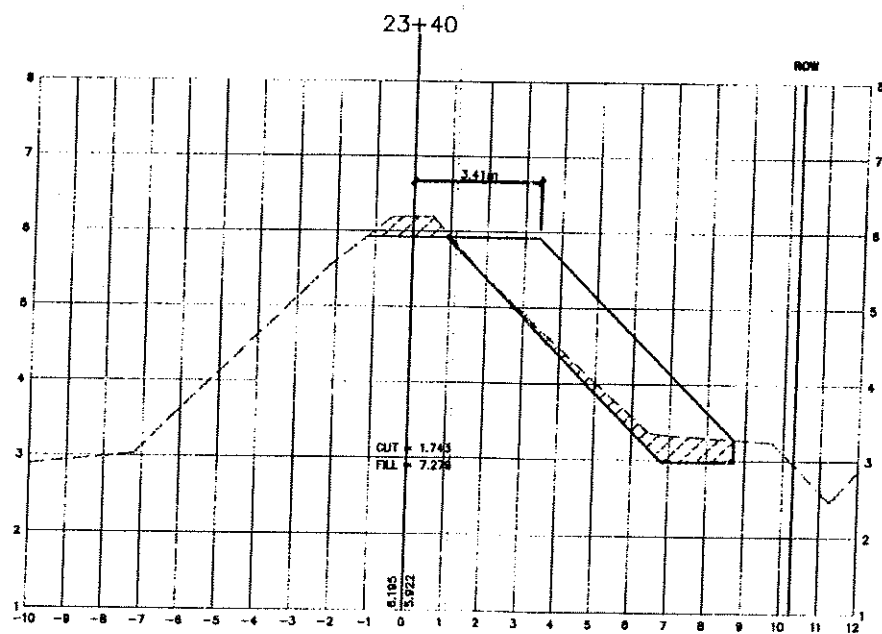
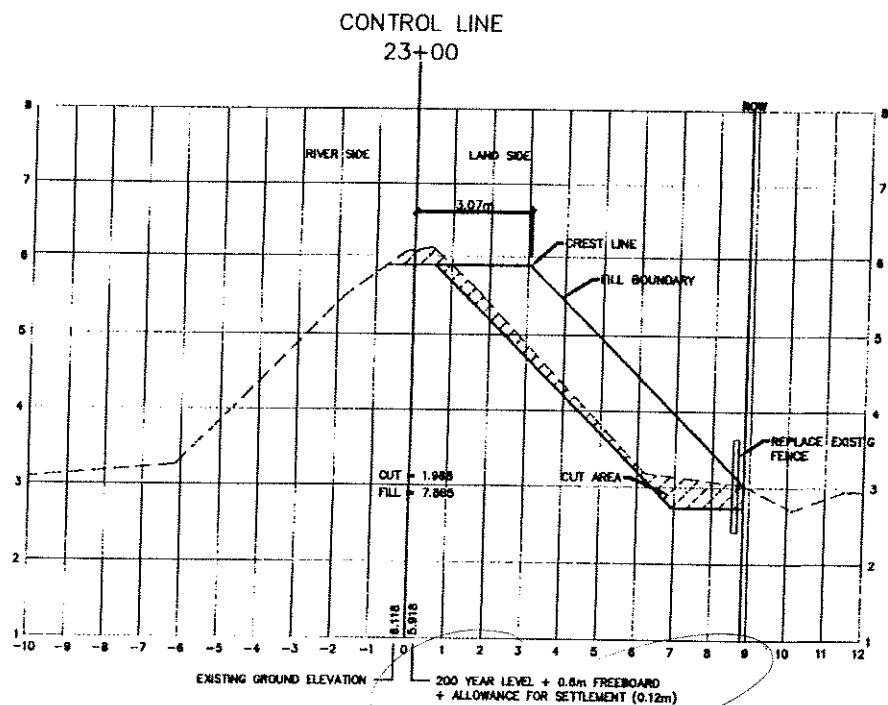
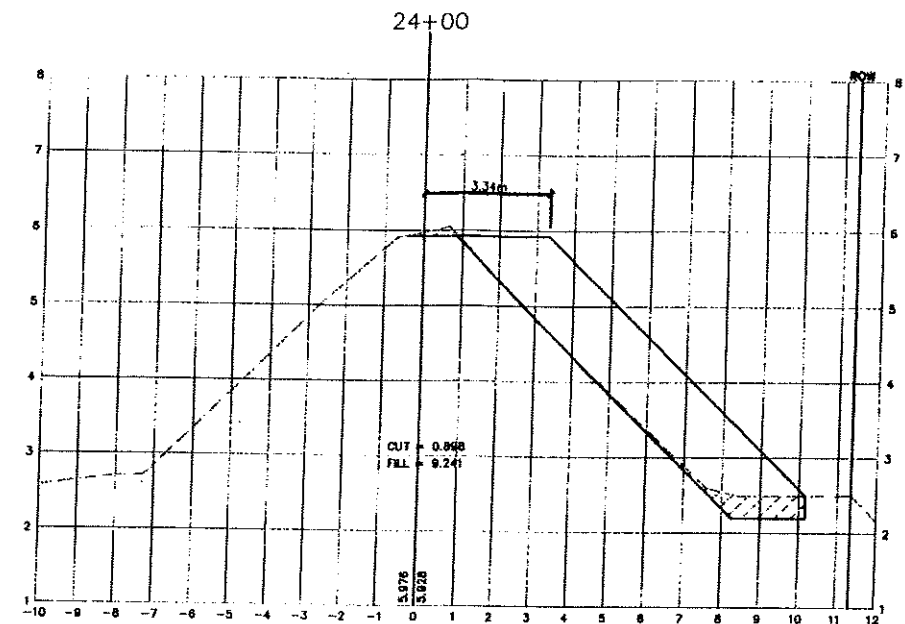
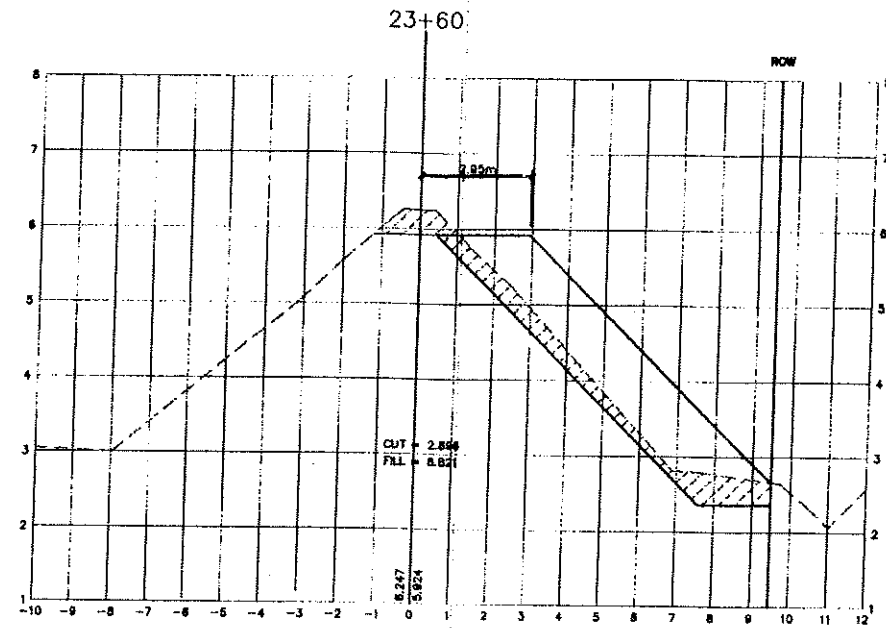
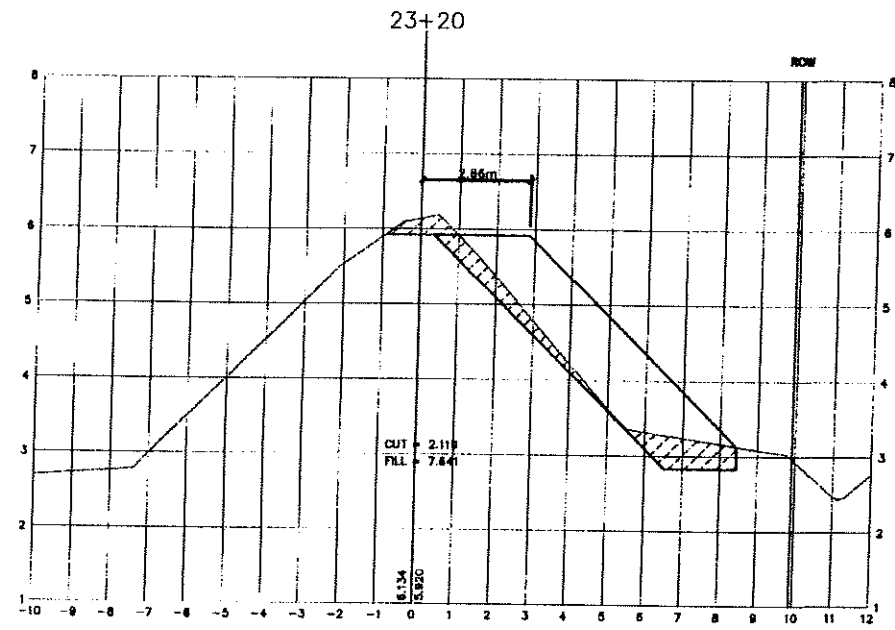
No	Date	REVISIONS
1	24/11/01	ISSUED FOR TENDER
2	28/12/01	ISSUED FOR APPROVAL
3	04/01/02	ISSUED FOR APPROVAL
4	11/01/02	ISSUED FOR CONSTRUCTION
5	14/05/02	ISSUED REVISION SIDE

DESIGNED BY	PRE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
SCALE	HORIZ. 1:100 VERT. 1:50

The Corporation of the Township of Langley

WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 22+00 TO 22+80

PLAN 02098024 SHEET NO. SHEET 8 OF 15



CERTIFIED RECORD DRAWING



Waterworks	
Sanitary	
Storm Drains	
Ditches	
Misc. Utilities	
Poles	

BENCHMARK
 MONUMENT 8816688 LOCATED AT 208 ST. AND 102B AVE
 ELEVATION = 8.304
 MONUMENT 8814864 LOCATED AT 203 ST AND 102 B AVE
 ELEVATION = 3.353
 MONUMENT 8418718 LOCATED AT 208 ST AND 102 B AVE
 ELEVATION = 3.384

LEVELTON
 Engineering Solutions

Levelton Engineering Ltd.
 168-1274 Gordo Place
 Richmond, B.C.
 Tel: 604 278-1411
 Fax: 604 278-1942
 File No. 801-212-41

SEAL

NOTES
UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND
 B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS
 OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

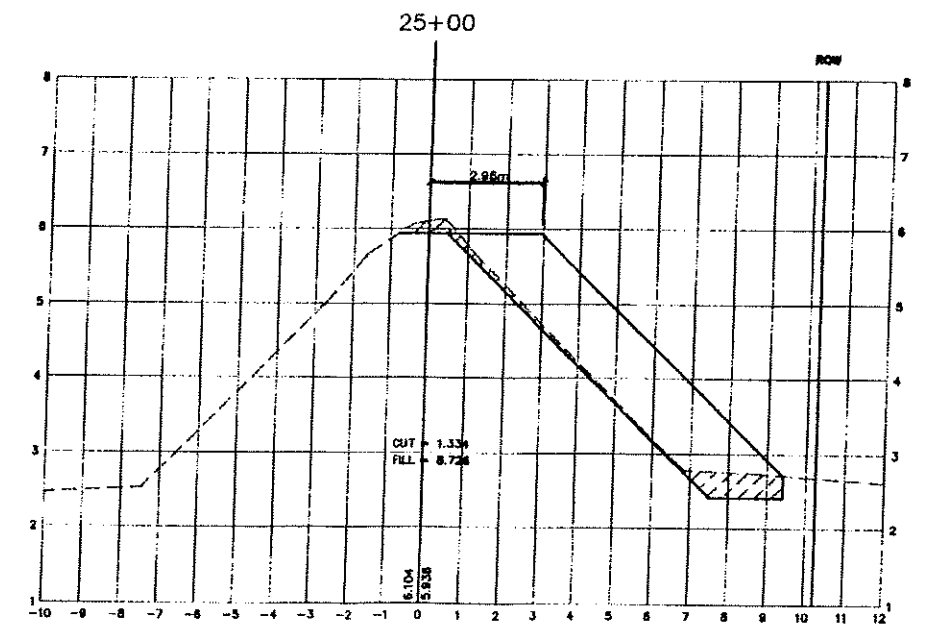
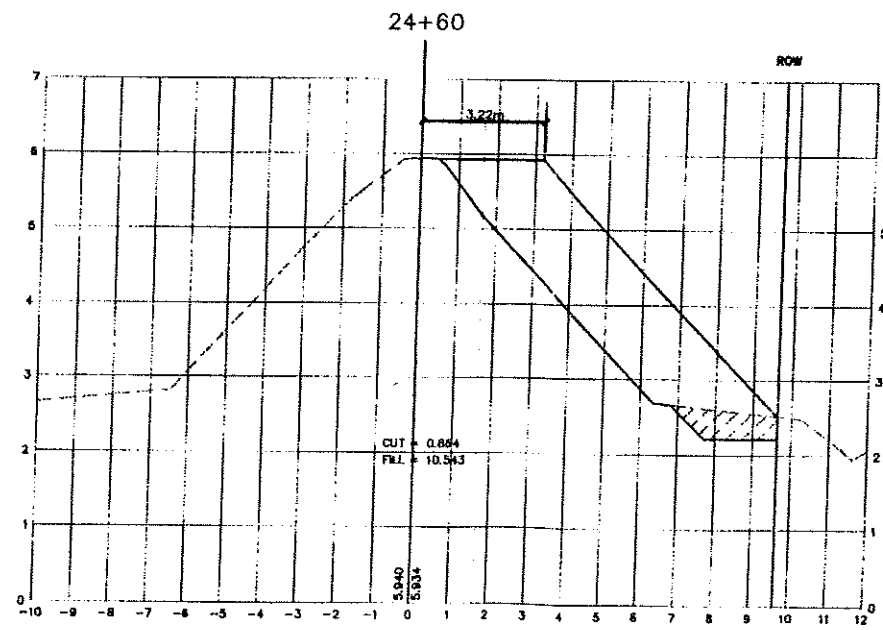
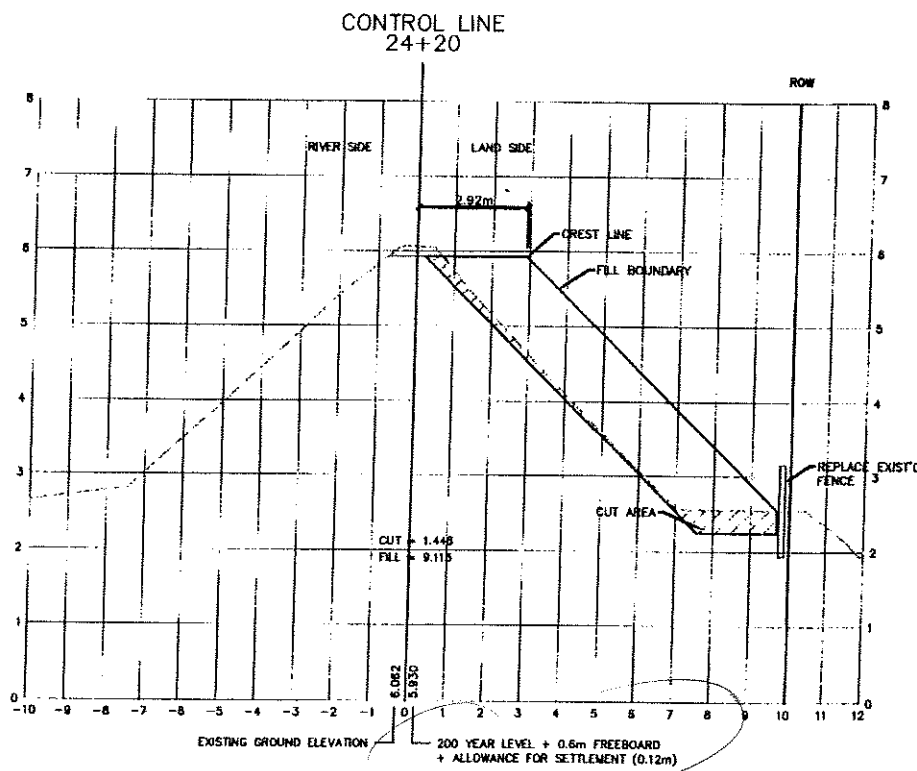
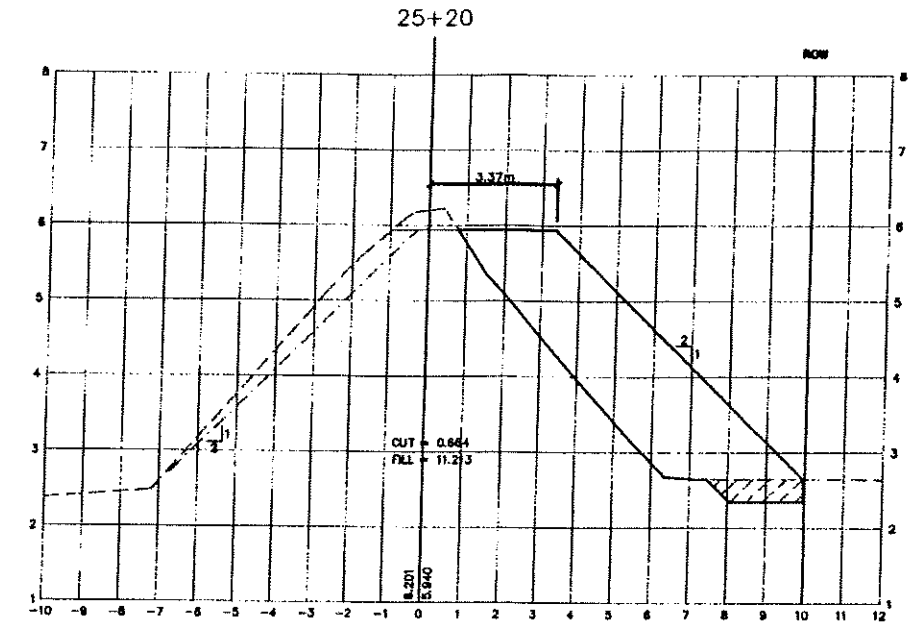
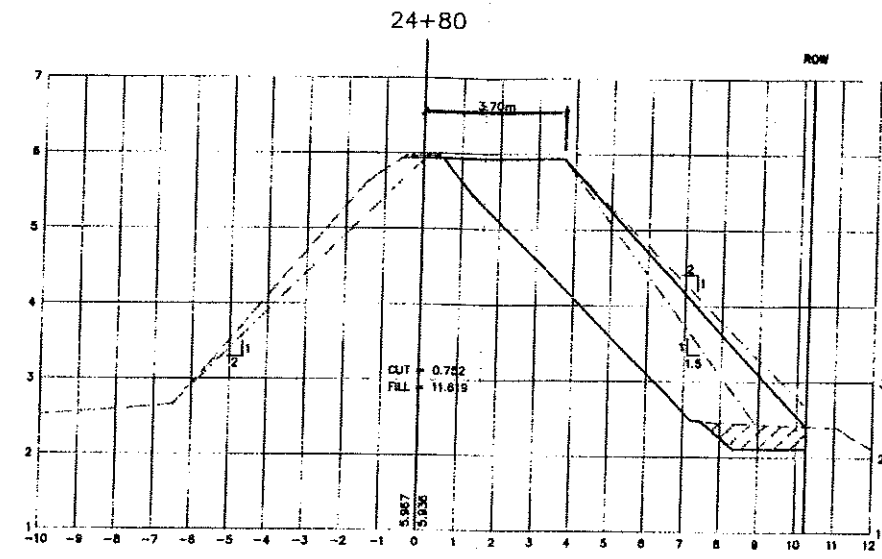
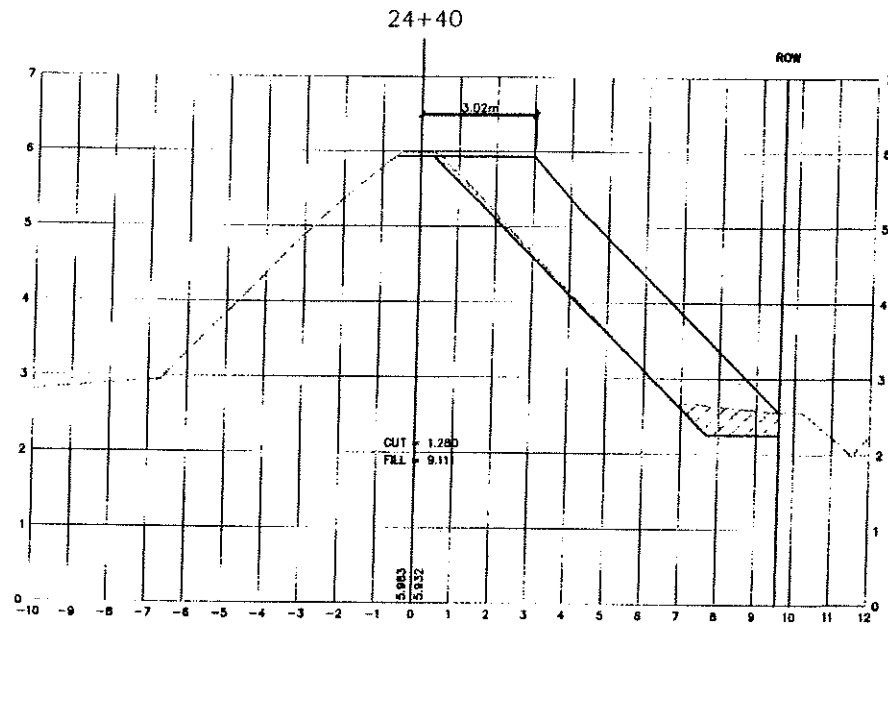
No	Date	REVISIONS
1	04/14/01	ISSUED FOR TENDER
2	04/19/01	ISSUED FOR APPROVAL
3	04/19/01	REVISED FOR APPROVAL
4	11/01/02	ISSUED FOR CONSTRUCTION
5	11/01/02	ISSUED FOR RECORD

DESIGNED BY	PRE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
SCALE	
HORIZ.	1:100
VERT.	1:50

The Corporation of the Township of Langley

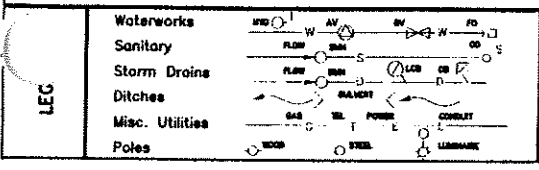
WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 23+00 TO 24+00

PLAN 02098025 SHEET NO. SHEET 9 OF 15 REV. 4



NOTE: STEEPEN LAND SIDE SLOPE LOCALLY WHERE NOTED ON THE SECTIONS

CERTIFIED RECORD DRAWING



BENCHMARK
 MONUMENT 88H5886 LOCATED AT 205 ST. AND 1028 AVE ELEVATION = 8.504
 MONUMENT 88H4584 LOCATED AT 203 ST AND 102 B AVE ELEVATION = 3.53
 MONUMENT 84H9718 LOCATED AT 208 ST AND 102 B AVE ELEVATION = 3.364

LEVELTON Engineering Solutions
 Levelton Engineering Ltd.
 155-12791 Clute Place Tel: 604 278-1411
 Burnaby, B.C. Fax: 604 278-1942
 P.F. No. 901-8587-01

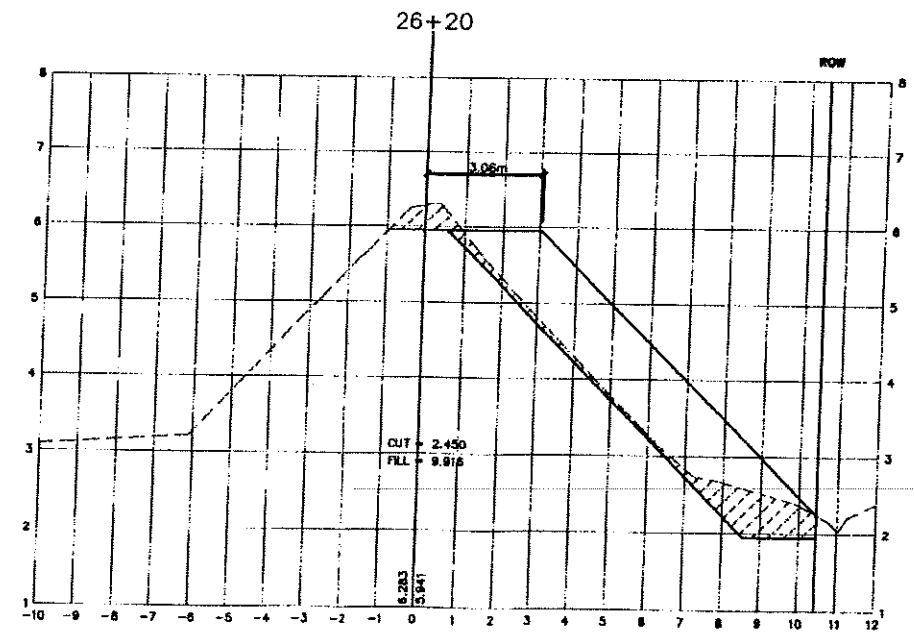
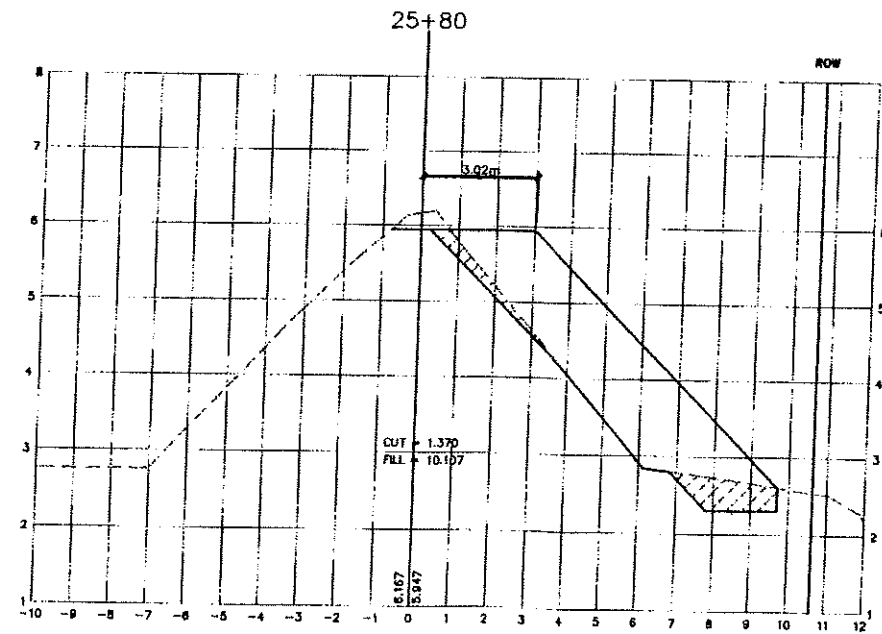
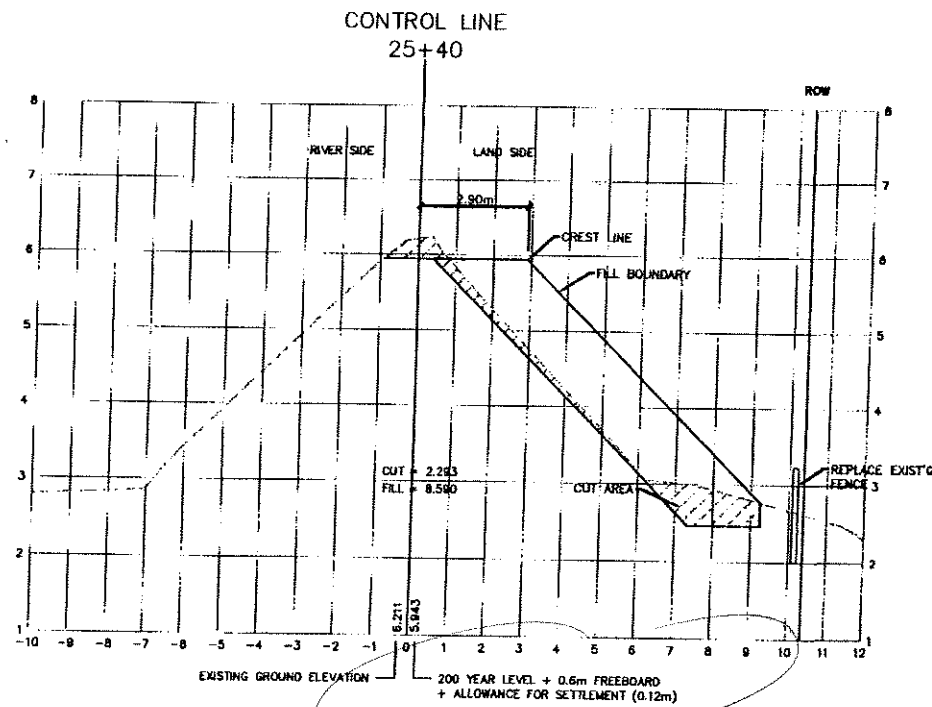
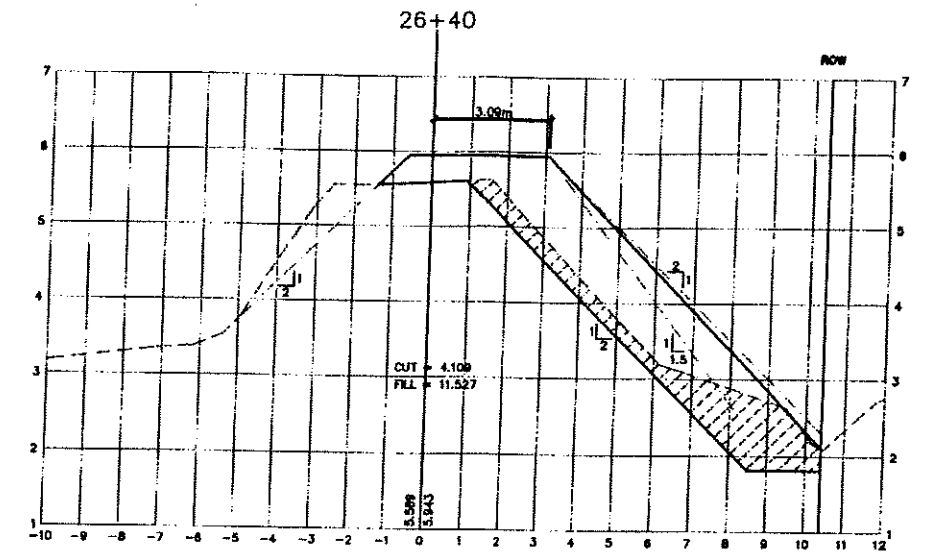
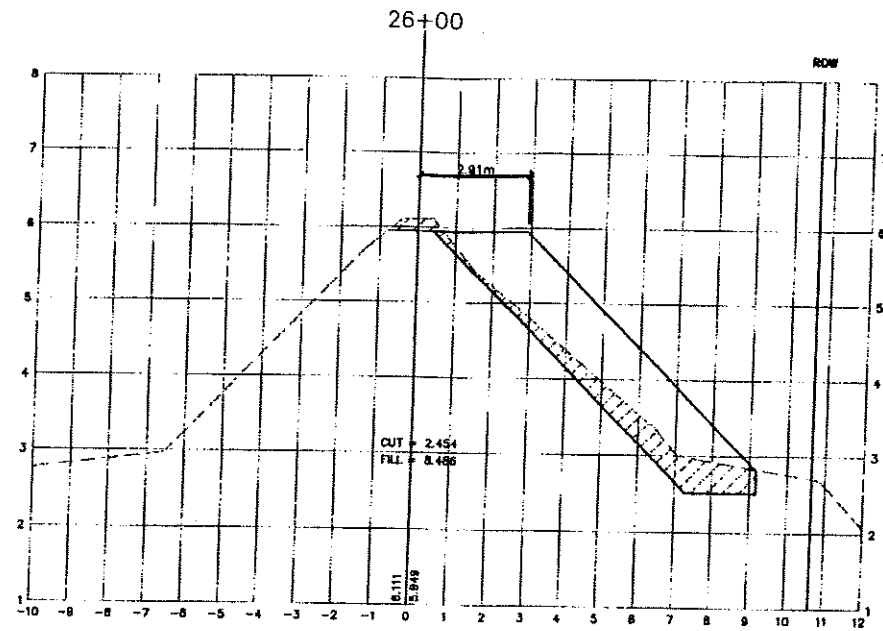
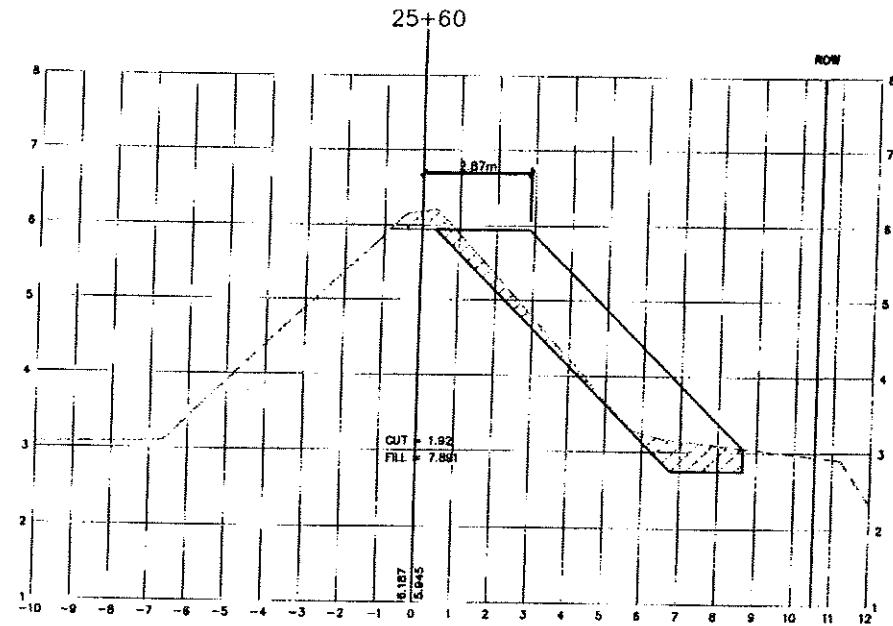
SEAL

NOTES
UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No	Date	REVISIONS
1	14/08/03	RECORD DRAWING MADE
2	26/11/03	ISSUED FOR TENDER
3	26/11/03	ISSUED FOR APPROVAL
4	05/01/04	ISSUED FOR APPROVAL
5	11/01/04	ISSUED FOR CONSTRUCTION
6	14/01/04	TEMPLATE REVISIONS ISSUED FOR CONSTRUCTION

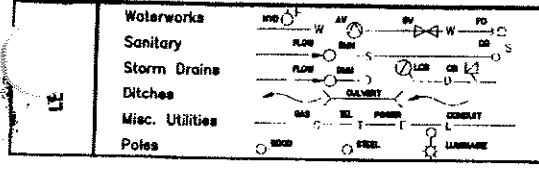
DESIGNED BY	PRE
DRAWN BY	DLB
CHECKED BY	MC
DATE	NOV. 2001
SCALE	HORIZ. 1:100 VERT. 1:50

The Corporation of the Township of Langley
 WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 24+20 TO 25+20
 PLAN 02098026 SHEET NO. SHEET 10 OF 15



NOTE: STEEPEN BANK SIDE SLOPE LOCALLY WHERE NOTED ON THE SECTIONS

CERTIFIED RECORD DRAWING



BENCHMARK
 MONUMENT BM45684 LOCATED AT 205 ST. AND 102B AVE
 ELEVATION = 8.504
 MONUMENT BM45684 LOCATED AT 203 ST AND 102 B AVE
 ELEVATION = 3.333
 MONUMENT BM49718 LOCATED AT 208 ST AND 102 B AVE
 ELEVATION = 3.364

LEVELTON
 Engineering Solutions
 Levelton Engineering Ltd.
 130-127th Street West
 Richmond, B.C. Tel: 604 278-1411 Fax: 604 278-1402
 FILE NO. 201-2107-01

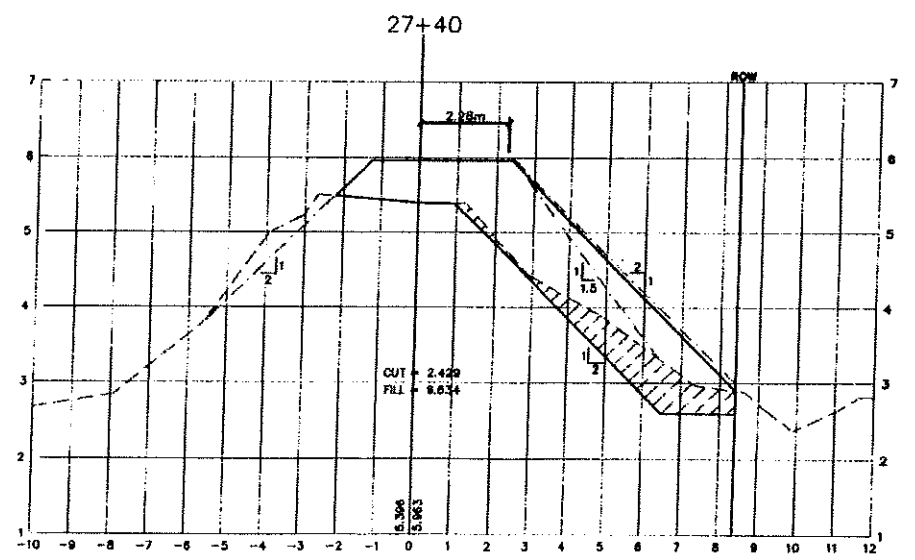
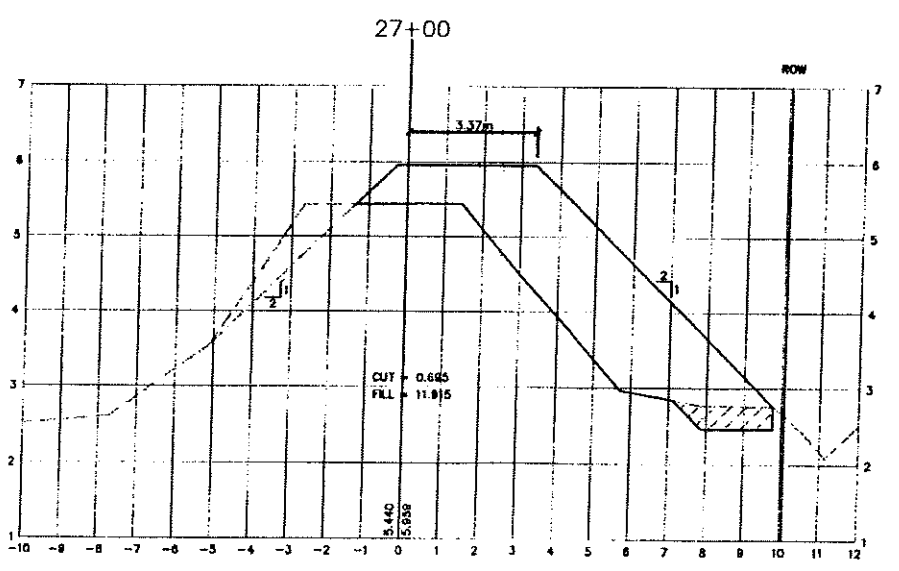
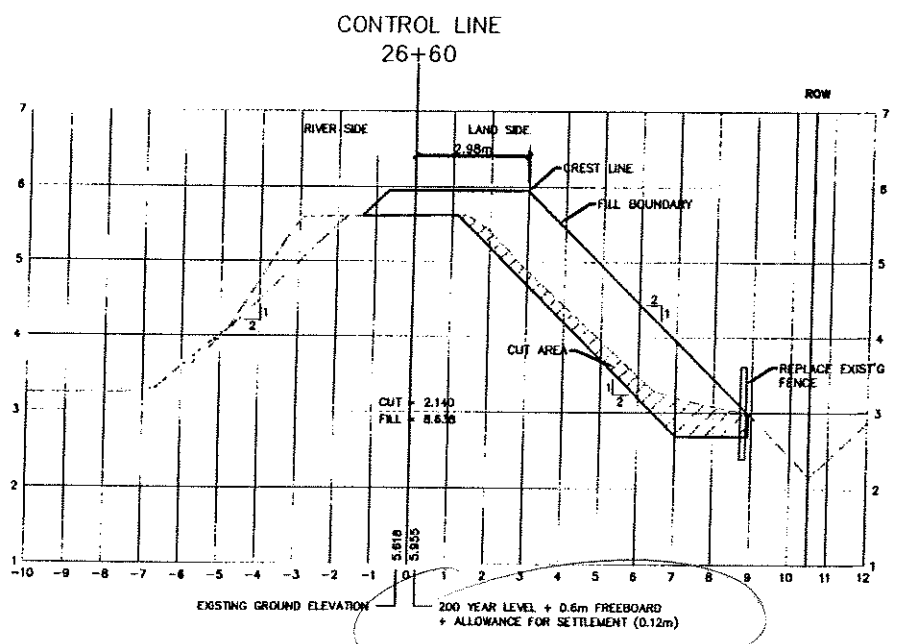
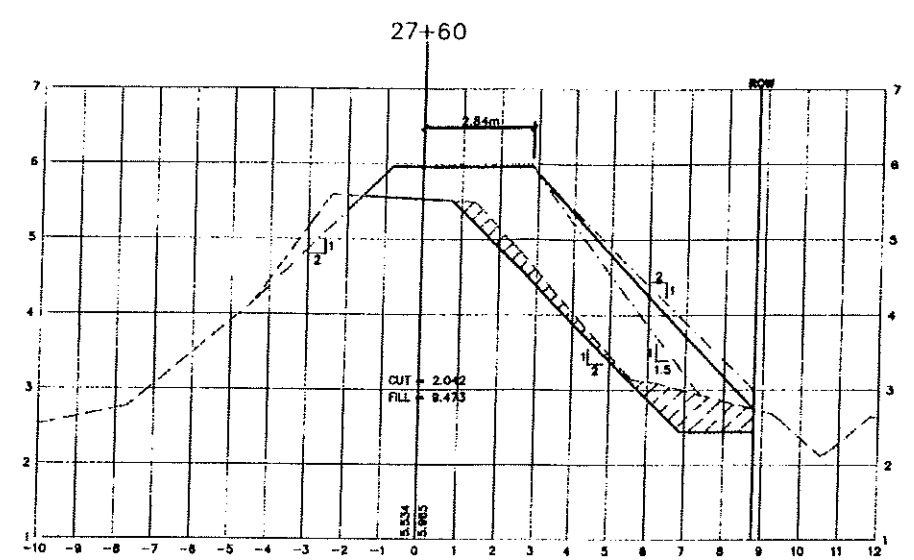
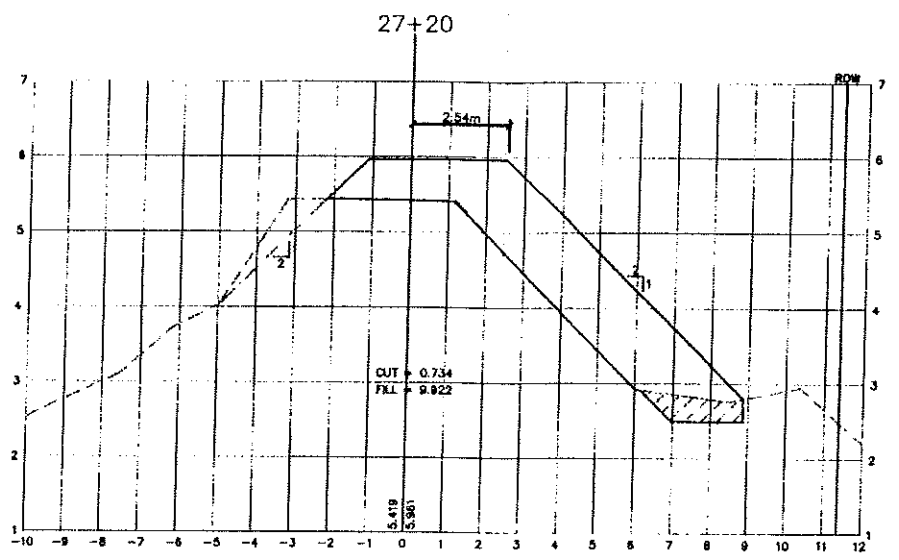
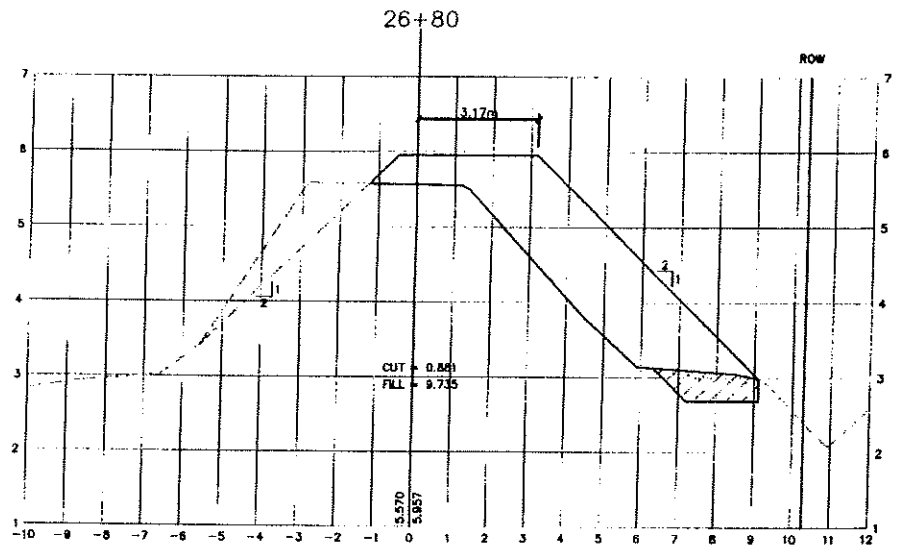
SEAL

NOTES
UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No	Date	REVISIONS
1	28/11/02	ISSUED FOR TENDER
2	20/12/02	REVISED FOR APPROVAL
3	04/01/03	REVISED FOR APPROVAL
4	14/01/03	ISSUED FOR CONSTRUCTION
5	14/01/03	RECORD DRAWING ISSUE

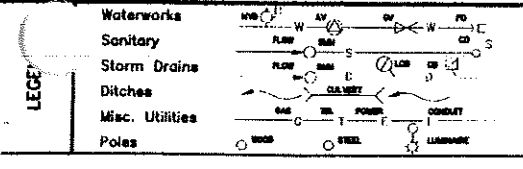
DESIGNED BY	PRE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
SCALE	HORIZ. 1:100 VERT. 1:50

The Corporation of the Township of Langley
 WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 25+40 TO 26+40
 PLAN 02098027 SHEET NO. SHEET 11 OF 15



NOTE: STEEPEN LAND SIDE-SLOPE LOCALLY AT 1.5H:1V WHERE REQUIRED BETWEEN SECTIONS 27+00 TO 29+97.351

CERTIFIED RECORD DRAWING



BENCHMARK
 MONUMENT 88H5666 LOCATED AT 205 ST. AND 102B AVE
 ELEVATION = 8.504
 MONUMENT 88H4584 LOCATED AT 203 ST AND 102 B AVE
 ELEVATION = 3.53
 MONUMENT 84H9718 LOCATED AT 208 ST AND 102 B AVE
 ELEVATION = 3.364

LEVELTON
 Engineering Solutions
 Levelton Engineering Ltd.
 138-12791 Goble Place Richmond, B.C. Tel: 604 278-1411 Fax: 604 278-1942

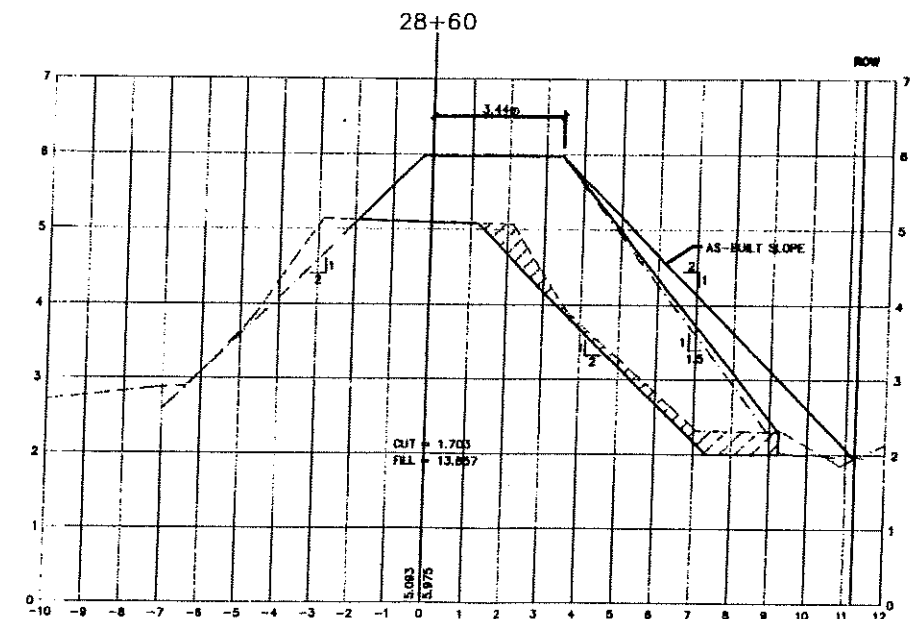
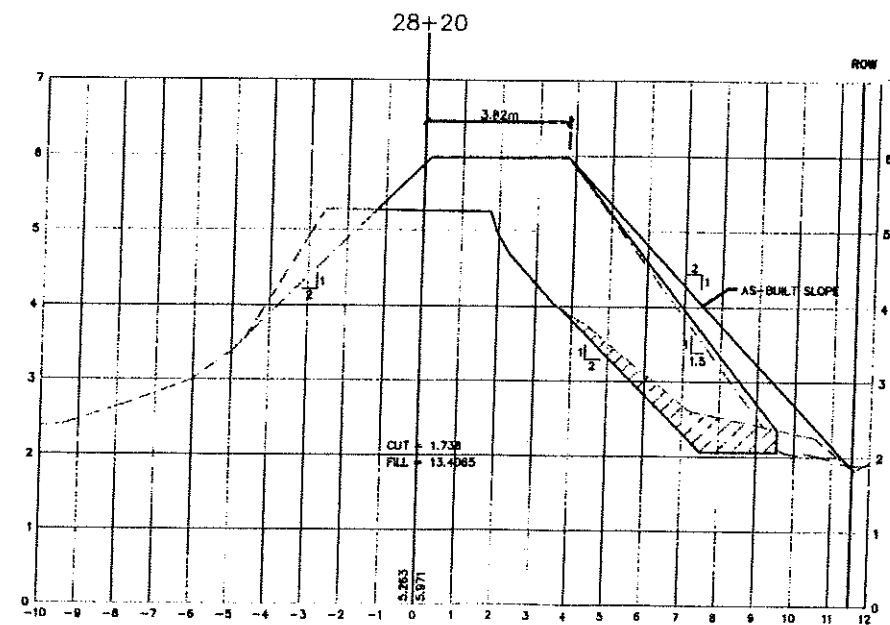
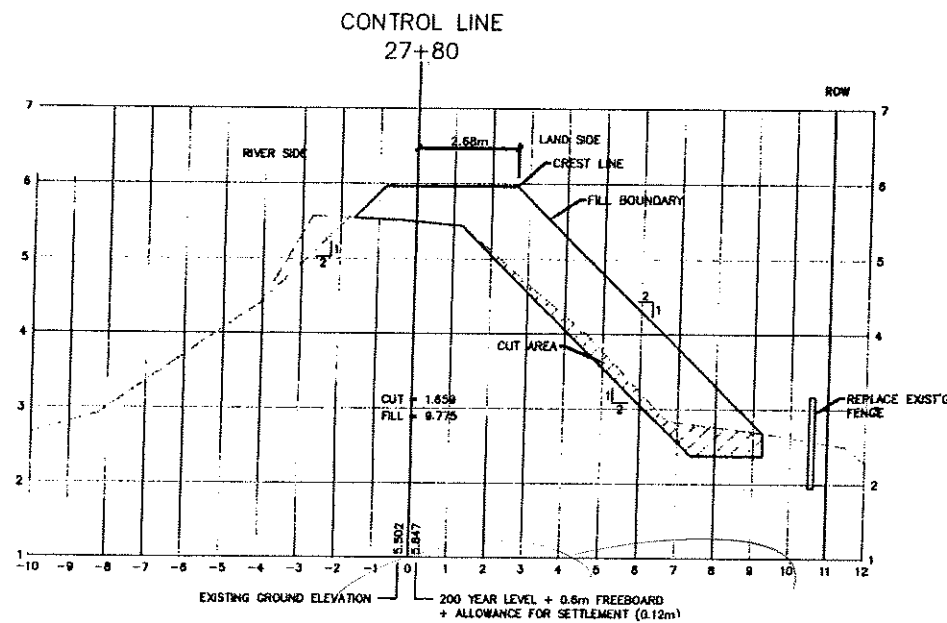
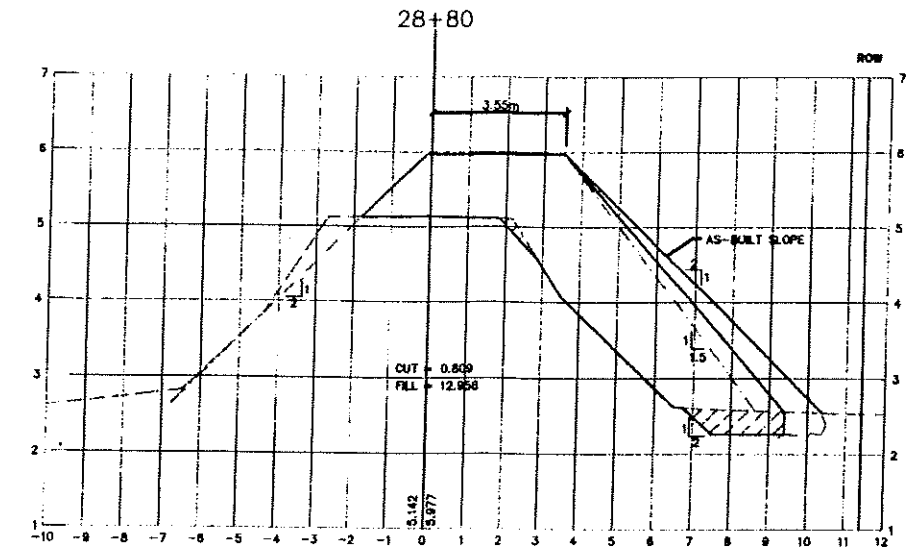
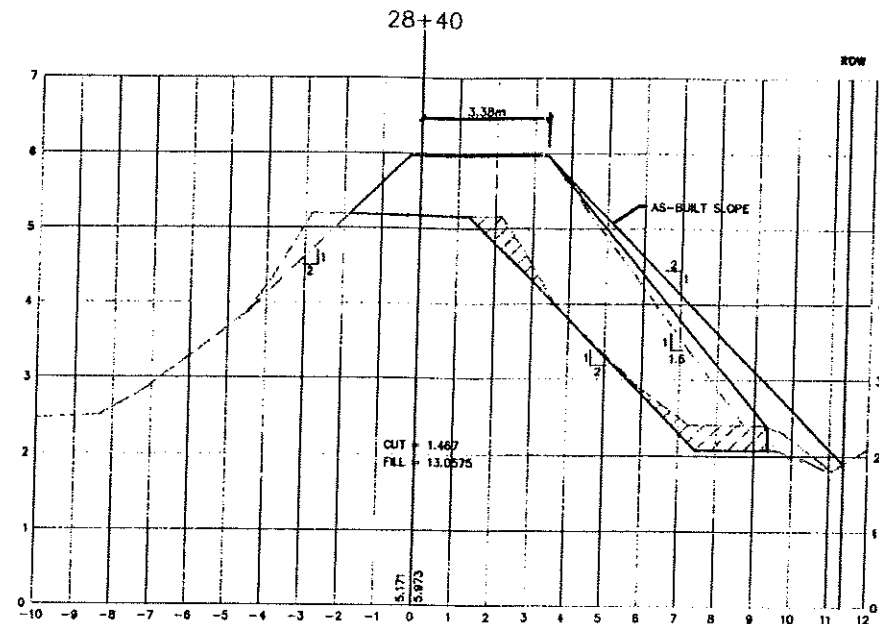
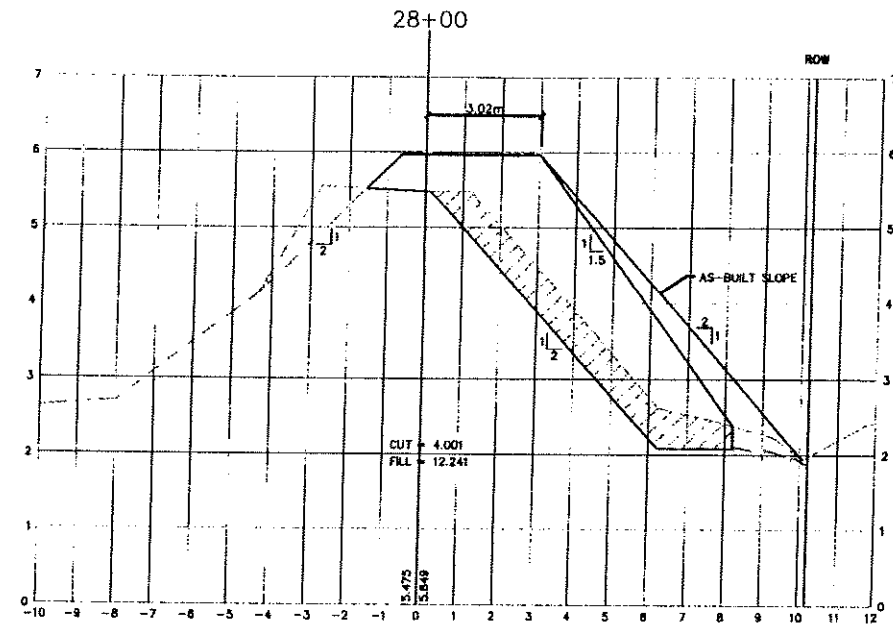
SEAL

NOTES
UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO OBTAIN LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No	Date	REVISIONS
1	14/04/06	RECORD DRAWING SHEET
2	26/11/06	ISSUED FOR TENDER
3	26/11/06	ISSUED FOR APPROVAL
4	08/06/06	ISSUED FOR APPROVAL
5	11/09/06	ISSUED FOR CONSTRUCTION
6	16/01/06	TEMPLATE REVISED, ISSUED FOR CONSTRUCTION

PLAN
 PREPARED BY: PRE
 DRAWN BY: DLS
 CHECKED BY: MG
 DATE: NOV. 2004
 SCALE: HORIZ. 1:100
 VERT. 1:50

The Corporation of the Township of Langley
 WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 26+60 TO 27+60
 PLAN 02098028 SHEET 12 OF 15



NOTE: STEEPEN LAND SIDE SLOPE LOCALLY AT 1:5H:1V WHERE REQUIRED BETWEEN SECTIONS 27+00 TO 29+97.351

AS CONSTRUCTED NOTES:

ADDITIONAL 2 METRES OF R.O.W. EASEMENT ACQUIRED BY LANGLEY TOWNSHIP FROM STA. 28+60.00 TO STA. 29+97.351 TO ENABLE THE PLACEMENT OF DYKE FILL AT 1V:2H SLOPE AND THE DELETION OF THE PROPOSED LOCK BLOCK RETAINING WALL.



Waterworks	
Sanitary	
Storm Drains	
Ditches	
Misc. Utilities	
Poles	

BENCHMARK
 MONUMENT 88H5666 LOCATED AT 205 ST. AND 102B AVE ELEVATION = 8.504
 MONUMENT 88H4564 LOCATED AT 203 ST AND 102 B AVE ELEVATION = 3.53
 MONUMENT 84H9718 LOCATED AT 208 ST AND 102 B AVE ELEVATION = 3.364

LEVELTON
 Engineering Solutions
 Levelton Engineering Ltd.
 110-12791 Clovis Place Tel: 604 278-1411
 Steveston, B.C. Fax: 604 278-1942
 PLS. No. 301-0197-01

SEAL

NOTES

UTILITIES AND APPURTENANCES
 CONTRACTOR TO CONTACT TELUS B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

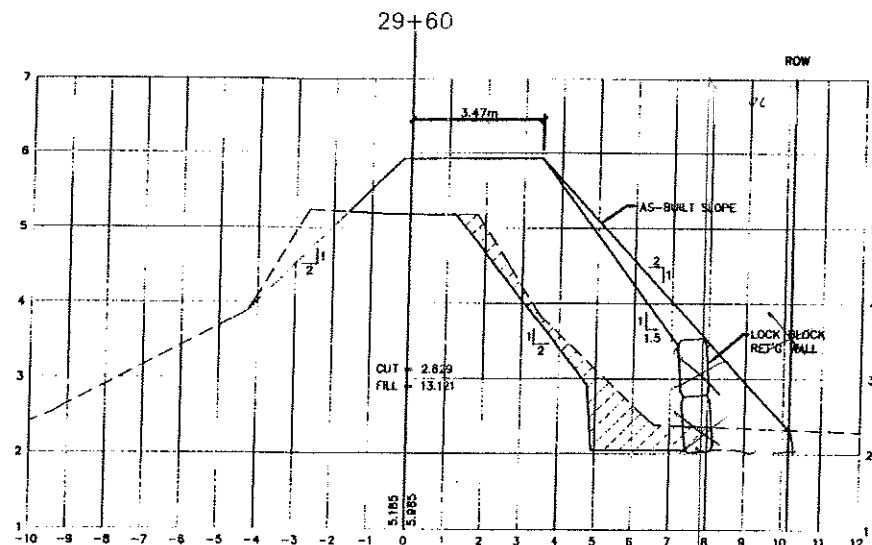
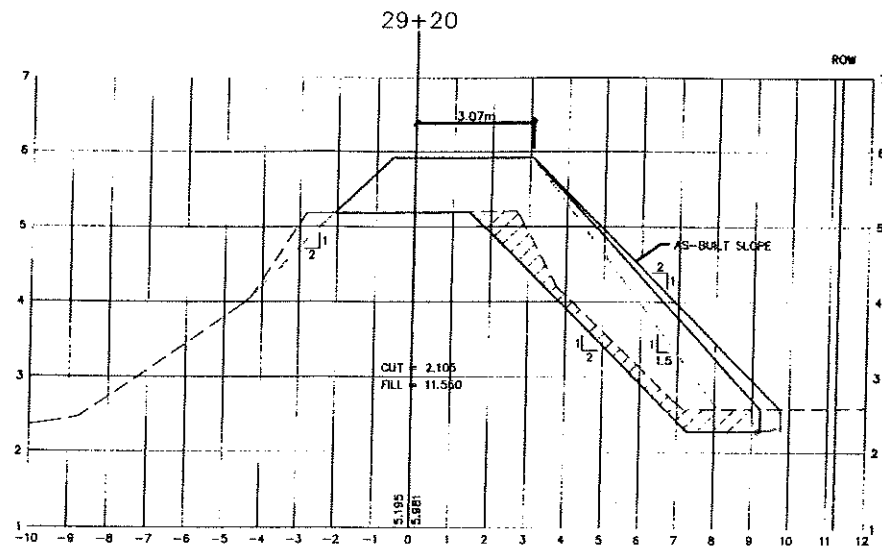
No	Date	REVISIONS
1	14/04/02	RECORD DRAWING ISSUE
2	14/05/02	BASEMENT REDDED, SLOPE FLATTENED
3	26/11/04	ISSUED FOR TENDER
4	28/12/04	ISSUED FOR APPROVAL
5	04/01/05	ISSUED FOR APPROVAL
6	11/01/05	ISSUED FOR CONSTRUCTION
7	14/01/05	TEMPLATE REDDED, ISSUED FOR CONSTRUCTION

PLAN

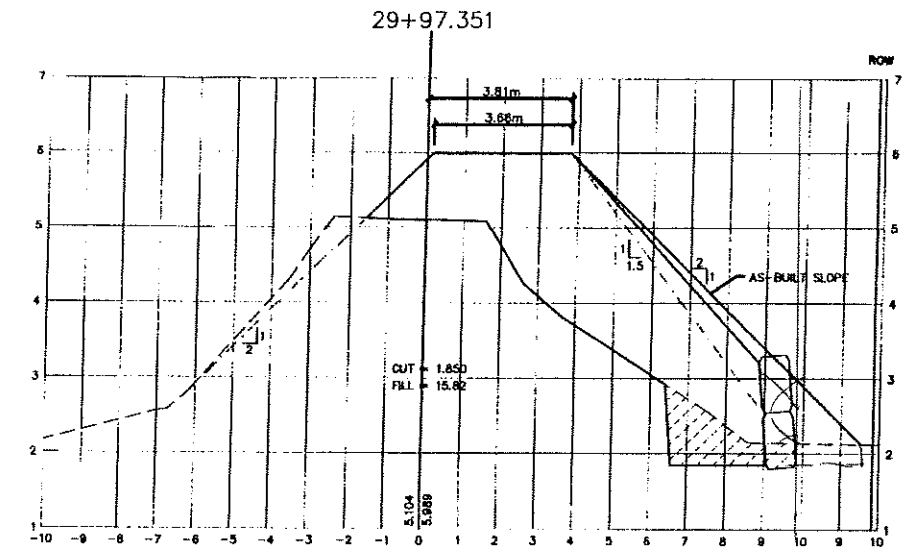
DESIGNED BY	PFE
DRAWN BY	DLB
CHECKED BY	MG
DATE	NOV. 2001
HORIZ.	1:100
VERT.	1:50

CERTIFIED RECORD DRAWING

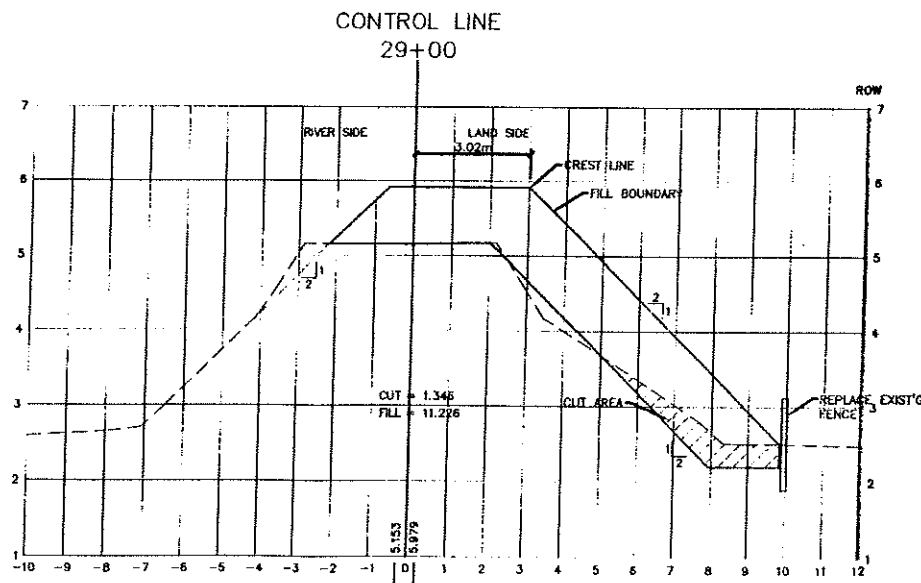
The Corporation of the Township of Langley
 Township of Langley
WEST LANGLEY DYKE UPGRADE
 X-SECTIONS - 27+80 TO 28+80
 PLAN 02098029 SHEET NO. SHEET 13 OF 15



LOCK BLOCK WALL NOT CONSTRUCTED



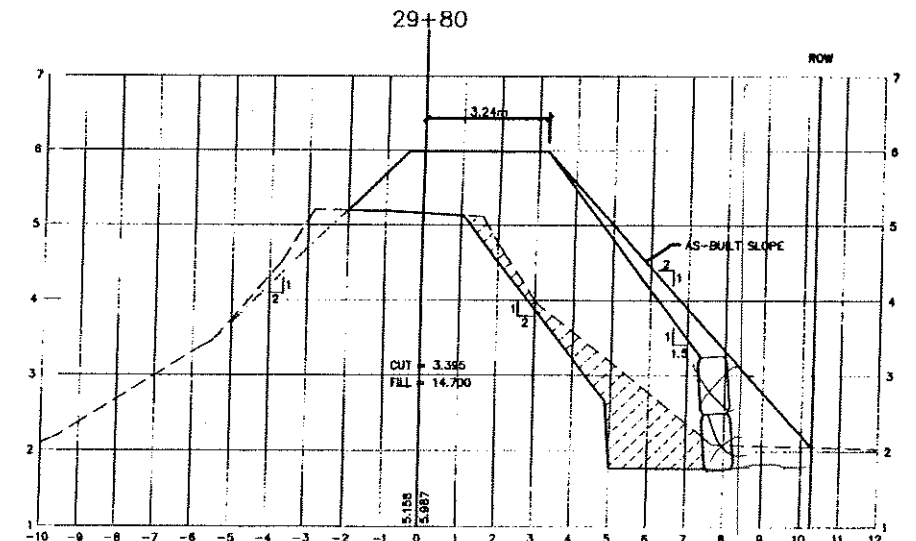
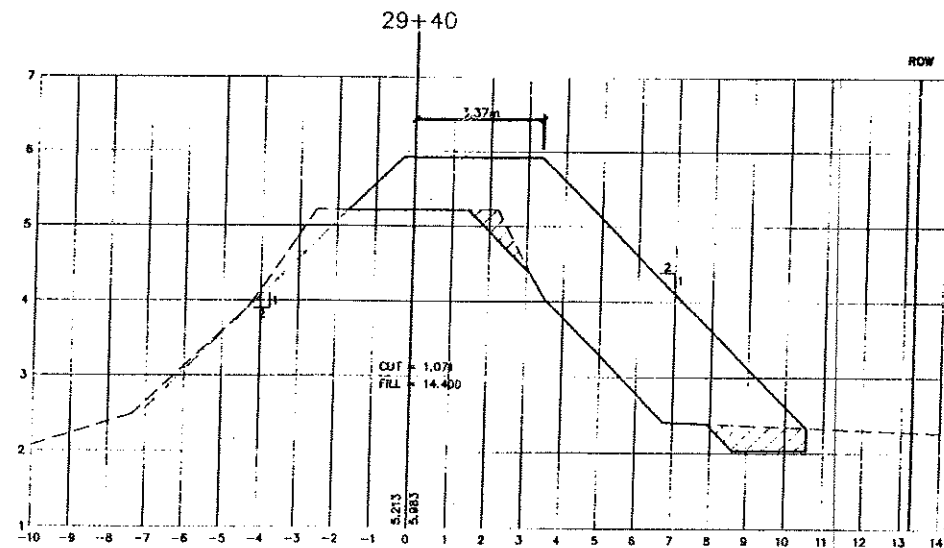
LOCK BLOCK WALL NOT CONSTRUCTED



EXISTING GROUND ELEVATION — 200 YEAR LEVEL + 0.6m FREEBOARD + ALLOWANCE FOR SETTLEMENT (0.12m)

NOTE: STEEPEN LAND SIDE SLOPE LOCALLY AT 1.5H:1V WHERE REQUIRED BETWEEN SECTIONS 27+00 TO 29+97.351

AS CONSTRUCTED NOTES:
ADDITIONAL 2 METRES OF R.O.W. EASEMENT ACQUIRED BY LANGLEY TOWNSHIP FROM STA. 28+00 TO STA. 29+97.351 TO ENABLE THE PLACEMENT OF DYKE FILL AT 1V:2H SLOPE AND THE DELETION OF THE PROPOSED LOCK BLOCK RETAINING WALL.



LOCK BLOCK WALL NOT CONSTRUCTED

CERTIFIED RECORD DRAWING



LEGEND	Symbol	Description
Waterworks	W	Sanitary
Storm Drain	SD	
Ditches	D	
Misc. Utilities	Gas, Tel, Power, Conduit	
Poles	Wood, Steel, Lamppost	

BENCHMARK
MONUMENT 88H5608 LOCATED AT 205 ST. AND 102B AVE ELEVATION = 8.504
MONUMENT 88H4564 LOCATED AT 203 ST AND 102 B AVE ELEVATION = 3.33
MONUMENT 84H9718 LOCATED AT 208 ST AND 102 B AVE ELEVATION = 3.364

LEVELTON
Engineering Solutions
Levelton Engineering Ltd.
150-12791 Clarke Place, Richmond, B.C. Tel: 604 278-1411 Fax: 604 278-1042
REG. No. 881-9197-01

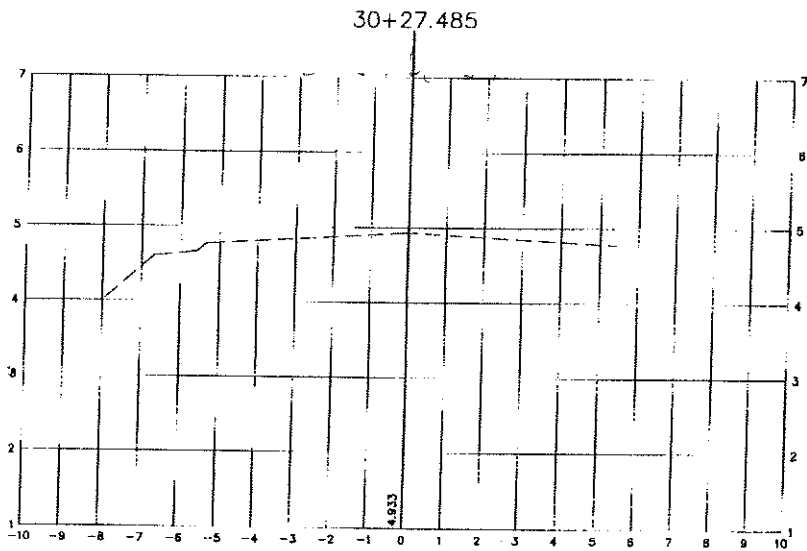
SEAL

NOTES
UTILITIES AND APPURTENANCES
CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

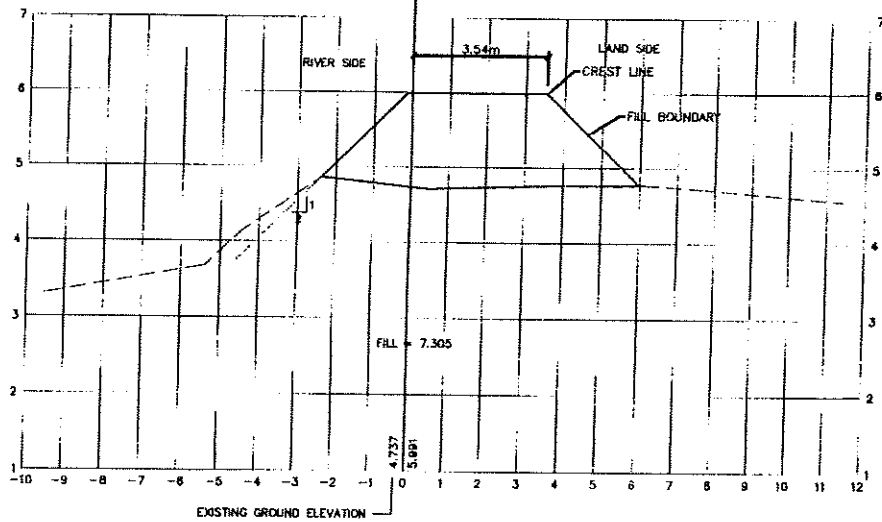
No	Date	REVISIONS
1	11/09/02	ISSUED FOR CONSTRUCTION
2	11/09/02	REPLACE REVISION 1 ISSUED FOR CONSTRUCTION

DATE	BY	DESCRIPTION
11/09/02	PRE	PREPARED
11/09/02	DLB	DRAWN
11/09/02	MG	REVIEWED
11/09/02	MG	APPROVED
11/09/02	MG	ISSUED

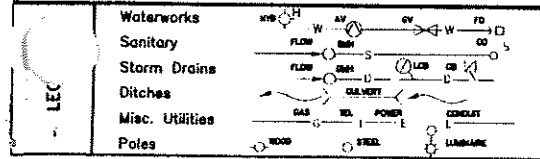
The Corporation of the Township of Langley
Township of Langley
WEST LANGLEY DYKE UPGRADE
X-SECTIONS - 29+00 TO 30+00
PLAN 0209030 SHEET NO. SHEET 14 OF 15 REV. 4
HORZ. 1:100
VERT. 1:50



CONTROL LINE
END OF DYKE CREST
30+15.463



CERTIFIED RECORD DRAWING



BENCHMARK
MONUMENT 88H5666 LOCATED AT 205 ST. AND 102B AVE
ELEVATION = 6.504
MONUMENT 88H4564 LOCATED AT 203 ST AND 102 B AVE
ELEVATION = 3.53
MONUMENT 84H9718 LOCATED AT 206 ST AND 102 B AVE
ELEVATION = 3.364

LEVELTON
Engineering Solutions

Levelton Engineering Ltd.
120-17781 Clark Place Tel: 604 278-1411
Richmond, B.C. Fax: 604 278-1048
P.E. No. 001-9787-01

SEAL

NOTES

UTILITIES AND APPURTENANCES
CONTRACTOR TO CONTACT TELUS, B.C. HYDRO AND
B.C. GAS PRIOR TO CONSTRUCTION TO CONFIRM LOCATIONS
OF UTILITIES AND APPURTENANCES REQUIRING ADJUSTMENT

No	Date	REVISIONS
1	26/11/04	ISSUED FOR TENDER
2	26/12/04	ISSUED FOR APPROVAL
3	04/01/05	ISSUED FOR APPROVAL
4	11/01/05	ISSUED FOR CONSTRUCTION
5	18/01/05	TEMPLATE NUMBER ISSUED FOR CONSTRUCTION

DESIGNED BY	PRE
CHECKED BY	DLB
DRAWN BY	MG
DATE	NOV. 2001
SCALE	HORIZ. 1:100 VERT. 1:50

The Corporation of the Township of Langley

Township of Langley

**WEST LANGLEY DYKE UPGRADE
X-SECTIONS - 30+20 TO 30+27.485**

PLAN 02098031 SHEET NO. SHEET 15 OF 15 REV. 5