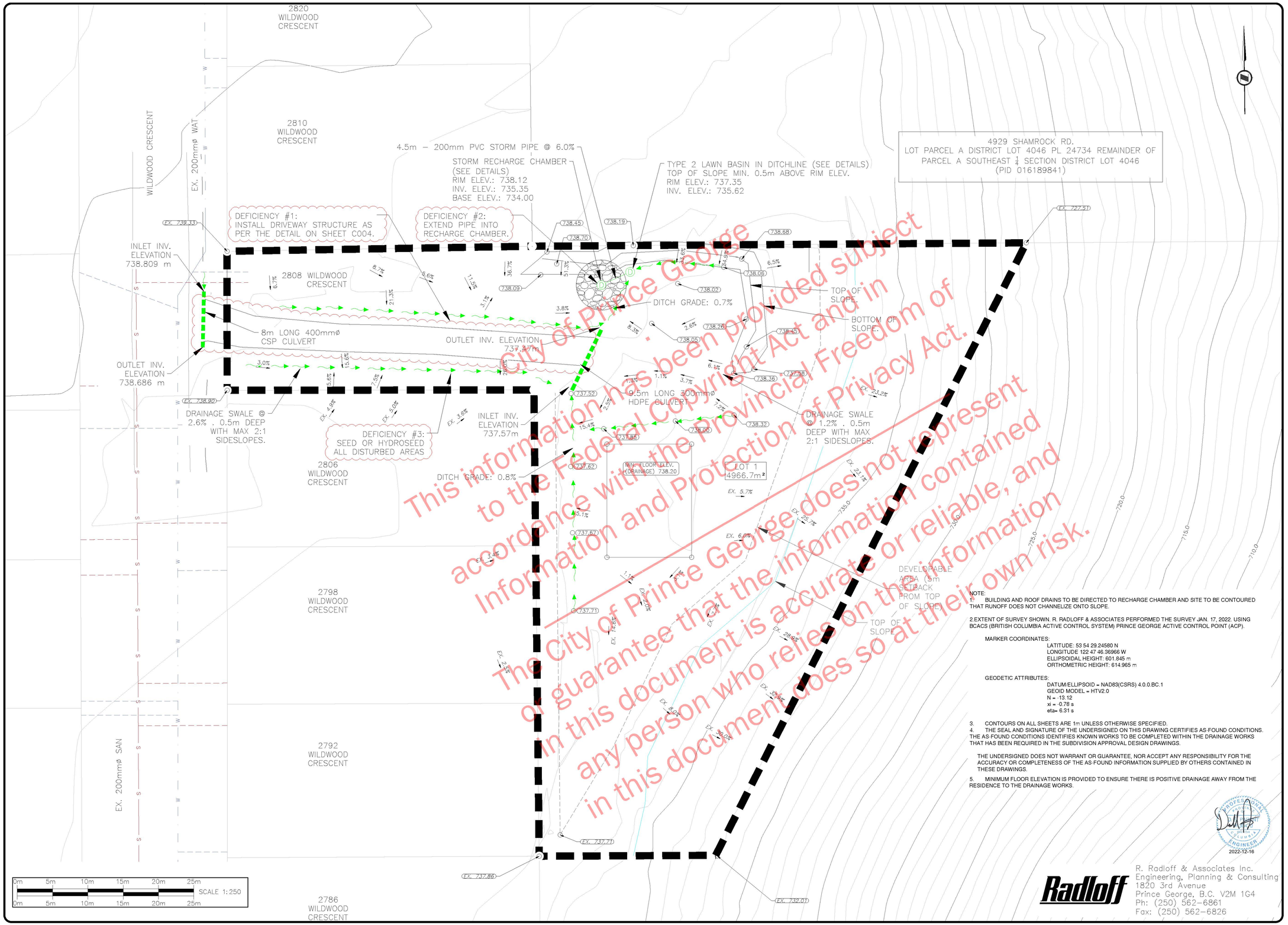

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City of Prince George

LEGEND

EXISTING
- EXISTING EDGE OF PAVEMENT / GUTTER LINE
- PROPERTY LINES
- SANITARY MAIN
- STORM MAIN
- MANHOLE SANITARY/STORM & CATCHBASIN
- CULVERT
- DITCH OR SWALE
- WATER MAIN & VALVE
- BLOWOFF HYDRANT
- FIRE HYDRANT

PROPOSED
- CONTOUR ELEVATION 667.50
- RIGHT-OF-WAY / EASEMENT
- PROPERTY LINE
- EDGE OF PAVEMENT / GUTTER LINE
- DESIGN GUTTER ELEVATION 668.354
- SANITARY MAIN
- STORM MAIN
- MANHOLE SANITARY/STORM & CATCHBASIN
- CULVERT
- DITCH OR SWALE
- WATER MAIN & VALVE
- FIRE HYDRANT
- ROAD SIGN

No.	DATE	REVISION	DR.
6	22/12/13	FOR RECORD	SDF
5	22/04/29	FOR CONSTRUCTION	BRL
4	22/01/26	FOR CONSTRUCTION	BRL
3	21/10/21	FOR APPROVAL	BRL
2	21/08/19	FOR APPROVAL	BRL
1	21/04/15	FOR APPROVAL	BRL

CITY OF PRINCE GEORGE
Development Services

NOTE:
1. BUILDING AND ROOF DRAINS TO BE DIRECTED TO RECHARGE CHAMBER AND SITE TO BE CONTOURED THAT RUNOFF DOES NOT CHANNELIZE ONTO SLOPE.

2.EXTENT OF SURVEY SHOWN. R. RADLOFF & ASSOCIATES PERFORMED THE SURVEY JAN. 17, 2022. USING BCACS (BRITISH COLUMBIA ACTIVE CONTROL SYSTEM) PRINCE GEORGE ACTIVE CONTROL POINT (ACP).

MARKER COORDINATES:
LATITUDE: 53 54 29.24580 N
LONGITUDE 122 47 46.36966 W
ELLIPSOIDAL HEIGHT: 601.845 m
ORTHOMETRIC HEIGHT: 614.965 m

GEODETIC ATTRIBUTES:
DATUM/ELLIPSOID = NAD83(CSRS) 4.0.0.BC.1
GEOID MODEL = HTV2.0
N = -13.12
xi = -0.78 s
eta= 6.31 s

3. CONTOURS ON ALL SHEETS ARE 1m UNLESS OTHERWISE SPECIFIED.
4. THE SEAL AND SIGNATURE OF THE UNDERSIGNED ON THIS DRAWING CERTIFIES AS-FOUND CONDITIONS. THE AS-FOUND CONDITIONS IDENTIFIES KNOWN WORKS TO BE COMPLETED WITHIN THE DRAINAGE WORKS THAT HAS BEEN REQUIRED IN THE SUBDIVISION APPROVAL DESIGN DRAWINGS.

THE UNDERSIGNED DOES NOT WARRANT OR GUARANTEE, NOR ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE AS-FOUND INFORMATION SUPPLIED BY OTHERS CONTAINED IN THESE DRAWINGS.

5. MINIMUM FLOOR ELEVATION IS PROVIDED TO ENSURE THERE IS POSITIVE DRAINAGE AWAY FROM THE RESIDENCE TO THE DRAINAGE WORKS.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA
2022-12-16

Radloff
R. Radloff & Associates Inc.
Engineering, Planning & Consulting
1820 3rd Avenue
Prince George, B.C. V2M 1G4
Ph: (250) 562-6861
Fax: (250) 562-6826

DRAWN:	DJF/BRL
CHECKED:	DJF
ENGINEER:	DSP
SURVEY FILE:	
DRAWING FILE:	SHAMROCK SUBDIVISION
CORRESPONDENCE:	CPG
GRID:	
DATE:	DEC 2022
SCALES HORZ. 1:250	VERT.

BLUEBERRY PROPERTY MANAGEMENT INC.
SHAMROCK SUBDIVISION

GRADING AND STORMWATER PLAN

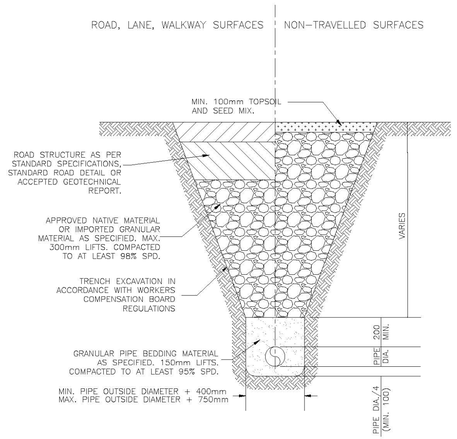
CONSULTANTS PROJECT No.
871-002-03

DRAWING No.
C003

SHEET No.	REV. No.
3 of 4	6

PIPE TRENCH — G5

CITY OF PRINCE GEORGE

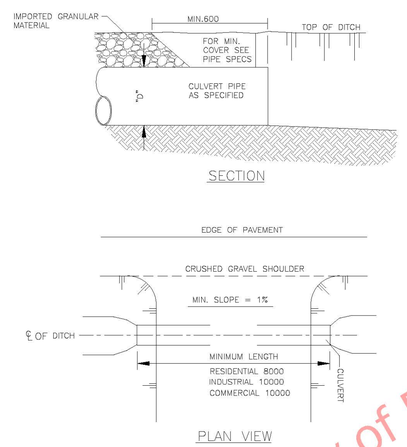


DATE OF REVISION	REVISION NUMBER	SCALE	DRAWING NUMBER
JUN 2004	0	N.T.S.	G5

2004

DRIVEWAY CULVERT — R13

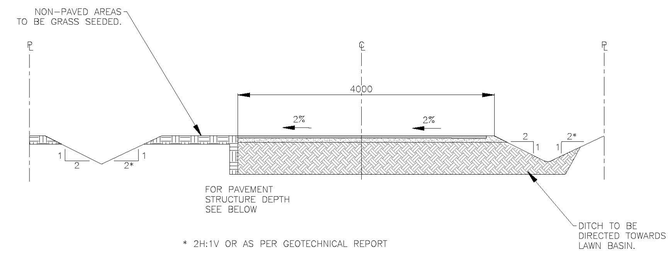
CITY OF PRINCE GEORGE



NOTE:
1. AT THE DISCRETION OF THE CITY RIP-RAP MAY BE REQUIRED AROUND CULVERT ENDS
2. MINIMUM PIPE DIAMETER ("D") IS 400mm

DATE OF REVISION	REVISION NUMBER	SCALE	DRAWING NUMBER
JUN 2004	0	N.T.S.	R13

2004



* 2H:1V OR AS PER GEOTECHNICAL REPORT

PAVEMENT STRUCTURE
MIN. 65mm OF HOT MIX ASPHALTIC CONCRETE
MIN. 80mm OF GRANULAR BASE COURSE

NOTES: 1. DEPTH OF GRANULAR SUBBASE MAY BE ADJUSTED TO RECOMMENDATION OF GEOTECHNICAL ENGINEERING REPORT APPROVED BY DIRECTOR.

DRIVEWAY STRUCTURE
N.T.S.

LEGEND

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- WATER MAIN & VALVE
- BLOWOFF HYDRANT — B.O.H.
- FIRE HYDRANT

PROPOSED
- CONTOUR ELEVATION — 667.50
- RIGHT-OF-WAY / EASEMENT
- PROPERTY LINE
- EDGE OF PAVEMENT / GUTTER LINE
- DESIGN GUTTER ELEVATION — 668.354
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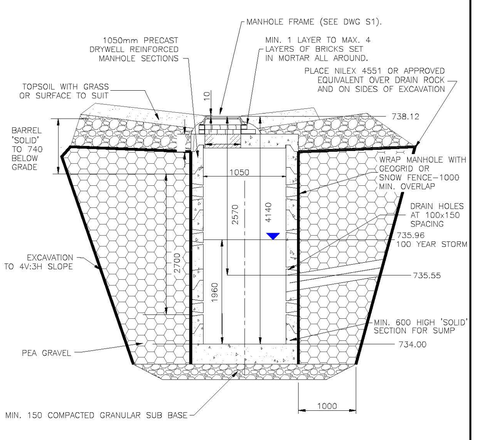
RECHARGE CHAMBER — S11

CITY OF PRINCE GEORGE



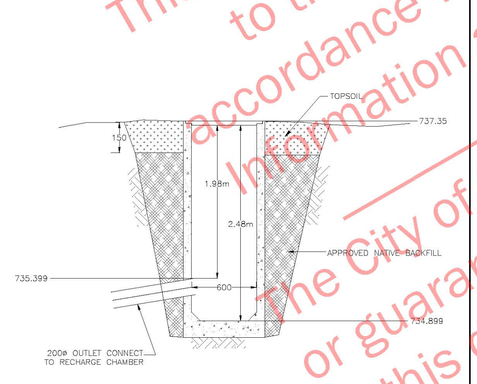
NOTE:
1. CHAMBER BARREL SIZE MAY BE INCREASED IN DIAMETER TO SUIT SITE CONDITIONS.
2. ALTERNATIVE RECHARGE CHAMBERS DESIGNED BY PROFESSIONAL ENGINEER MAY BE SUBSTITUTED WHEN APPROVED BY DIRECTOR.

DATE OF REVISION	REVISION NUMBER	SCALE	DRAWING NUMBER
SEPT 2004	0	N.T.S.	S11

2004

LAWN DRAINS — S12

CITY OF PRINCE GEORGE



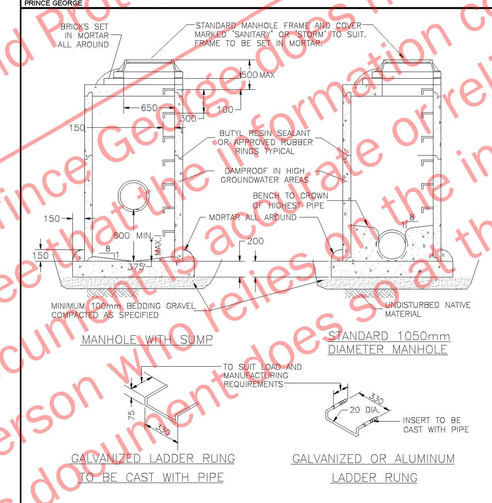
NOTE:
1. REFER TO CONTRACT DRAWINGS AND SECTION 02630 FOR DETAILED SPECIFICATIONS.
2. ALTERNATIVE RECHARGE CHAMBERS DESIGNED BY PROFESSIONAL ENGINEER MAY BE SUBSTITUTED WHEN APPROVED BY DIRECTOR.

DATE OF REVISION	REVISION NUMBER	SCALE	DRAWING NUMBER
JUN 2004	0	N.T.S.	S12

2004

MANHOLE FOR 200mm – 450mm PIPES — S1

CITY OF PRINCE GEORGE

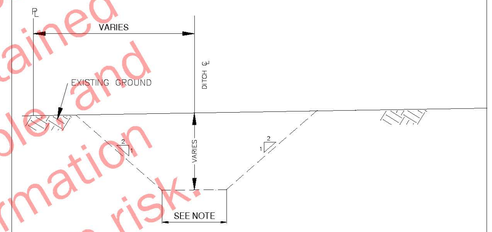


NOTES:
1. DETAILS ARE DRAWN FOR PRECAST RISERS ON CAST-IN-PLACE BASE. PRECAST BASES APPROVED BY DIRECTOR ARE ACCEPTABLE.
2. MAXIMUM DEPTH TO FIRST RUNG IS 500mm. WHEN HANDHOLD IS INSTALLED BETWEEN TOP AND FIRST RUNG, MAXIMUM DEPTH MAY BE INCREASED TO 660mm.
3. REFER TO DWG. S4 FOR CONNECTION DETAILS.
4. REFER TO SECTION 02631 OF STANDARD SPECIFICATIONS.
5. FIELD INSTALLATION OF LADDER RUNGS NOT ALLOWED UNLESS APPROVED BY DIRECTOR.

DATE OF REVISION	REVISION NUMBER	SCALE	DRAWING NUMBER
JUN 2004	0	N.T.S.	S1

2004

Radloff STANDARD DETAIL DRAWINGS — S1



NOTE: DRAINAGE DITCHES TO BE EXCAVATED AS A "V" SHAPED DITCH.

NOT TO SCALE

TYPICAL DRAINAGE DITCH

DRAWING NUMBER:

City of Prince George
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CITY OF PRINCE GEORGE
Development Services

DRAWN:	DJF/BRL
CHECKED:	DJF
ENGINEER:	DSP
SURVEY FILE:	
DRAWING FILE:	SHAMROCK SUBDIVISION
CORRESPONDENCE:	CPG
GRID:	
DATE:	DEC 2022
SCALES HORZ. N.T.S.	VERT.

BLUEBERRY PROPERTY MANAGEMENT INC.
SHAMROCK SUBDIVISION

CONSTRUCTION DETAILS

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA
2022-12-16

Radloff
R. Radloff & Associates Inc.
Engineering, Planning & Consulting
1820 3rd Avenue
Prince George, B.C. V2M 1G4
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Fax: (250) 562-6826

CONSULTANTS PROJECT No. 871-002-03

DRAWING No. **C004**

SHEET No.	REV. No.
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