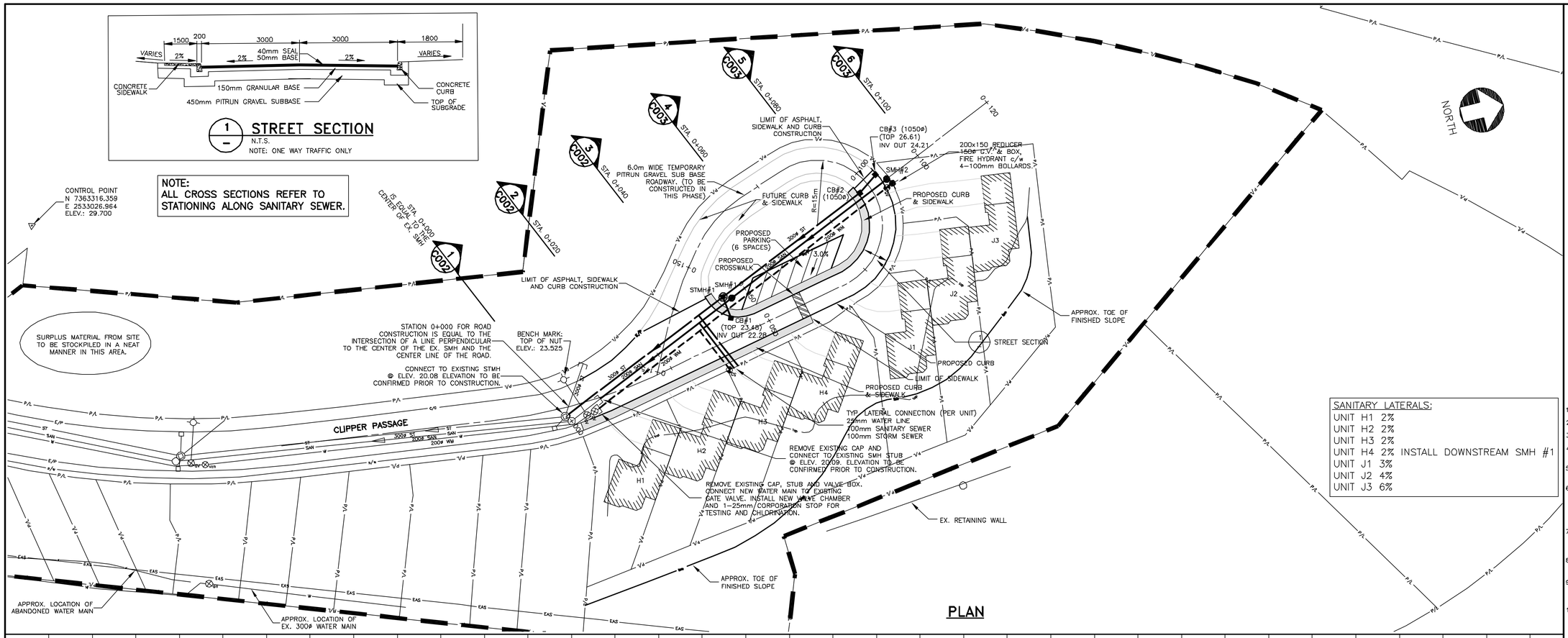
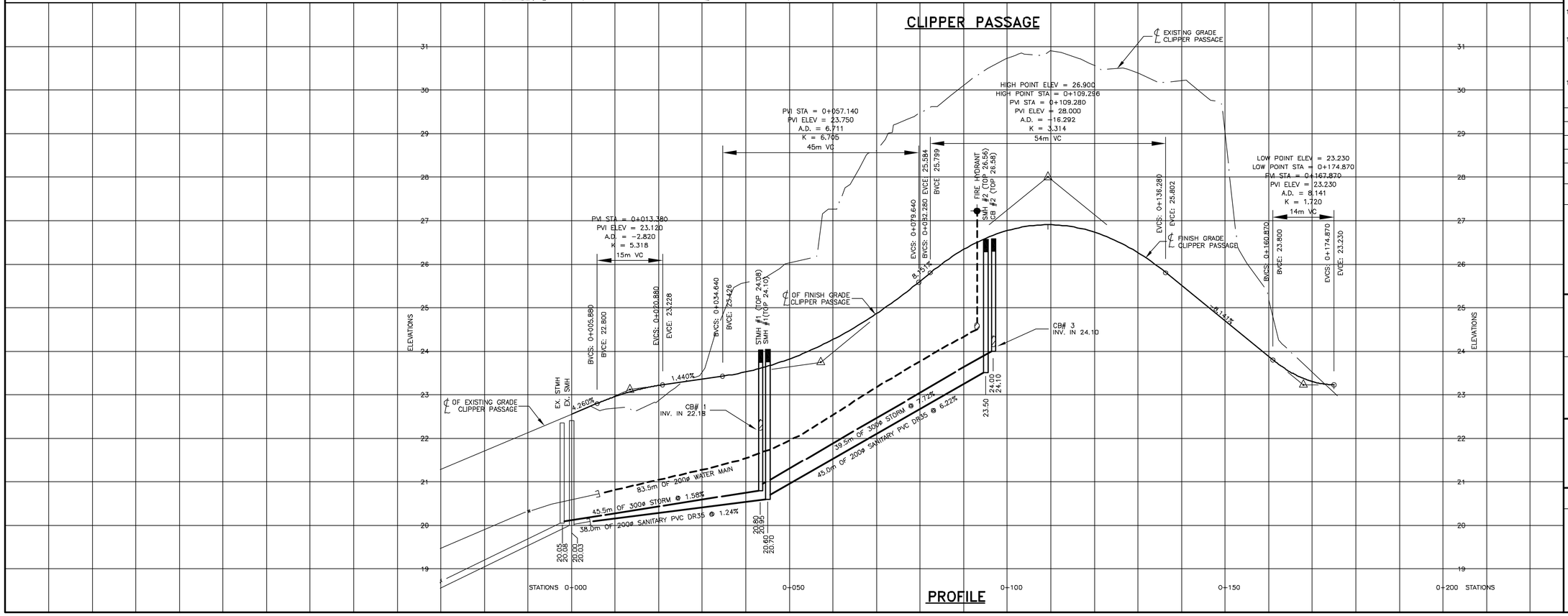
1 STREET SECTION
N.T.S.
NOTE: ONE WAY TRAFFIC ONLY

NOTE:
ALL CROSS SECTIONS REFER TO STATIONING ALONG SANITARY SEWER.



PLAN

SANITARY LATERALS:
UNIT H1 2%
UNIT H2 2%
UNIT H3 2%
UNIT H4 2% INSTALL DOWNSTREAM SMH #1
UNIT J1 3%
UNIT J2 4%
UNIT J3 6%



PROFILE

LEGEND

PROPOSED		EXISTING
●	SANITARY MANHOLE (SMH)	○
■	CATCH BASIN (CB)	□
◉	STORM MANHOLE (STMH)	⊞
	SANITARY SEWER	SAN
	SANITARY FORCE MAIN	FM
	STORM SEWER	ST
	WATER MAIN	W
	COMBINED SEWER	COM
	PROPERTY LINE	P/L
EAS	EASEMENT	EAS
E/P	EDGE OF PAVEMENT	E/P
	U/G ELECTRICAL LINE	E
	U/G TELEPHONE LINE	T
	SIDEWALK	S/W
	CURB	curb
	RAILWAY TRACKS	
X X X	FENCE	X X X
	DITCH	
	ELECTRICAL MANHOLE	Ⓔ
	UTILITY POLE	●UP
	LIGHT STANDARD	
GV	GATE VALVE	⊗GV
CS	CURB STOP	⊗CS
Vch	VALVE IN CHAMBER	⊗Vch
	FIRE HYDRANT	
	BENCH MARK	△TBM
	PROPERTY PIN	⊙
	CULVERT	
+12.0	GRADE	+12.0
	SEDIMENT CONTROL FENCE	
	SEDIMENT CONTROL BERM	

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL ELEVATIONS ARE IN GEODETIC METRES.
3. ALL CHAINAGES ARE IN METRES.
4. LOCATION OF EXISTING SERVICES, STRUCTURES AND BUILDINGS APPROXIMATE ONLY.
5. ALL FIELD SURVEY INFORMATION PROVIDED BY CBCL LIMITED.
6. TYPICAL TRENCH DETAIL, PIPE INSTALLATION, FITTINGS, STRUCTURES, CONCRETE CURB AND SIDEWALK AS PER CITY OF SAINT JOHN MUNICIPAL OPERATIONS AND ENGINEERING DEPARTMENT GENERAL SPECIFICATIONS LATEST REVISION.
7. ALL CATCH BASIN LEADS TO BE 250mm PVC. DR35 OR APPROVED EQUAL @ 2.0% MIN. GRADE OR UNLESS OTHERWISE NOTED.
8. CATCH BASIN TO BE 750ø AND STORM MANHOLES 1050ø UNLESS OTHERWISE NOTED.
9. ALL CATCH BASINS, MANHOLES, GATE VALVE CHAMBERS AND AIR RELEASE CHAMBERS TO HAVE MINIMUM 100mm RISER BETWEEN FRAME & CONCRETE COVER.
10. AT ALL PIPE CONNECTIONS TO EXISTING WATER MAINS, FUTURE EXTENSIONS AND FIRE LINES, PROVIDE A 25mm (1") MAIN STOP AND SADDLE BOTH SIDES OF GATE VALVE TO FACILITATE TESTING AND CHLORINATION.
11. ALL WATER LINES LESS THAN 1.8m COVER TO BE INSULATED WITH 50mm THICK RIGID "STYROFOAM SM" BOARD.
12. ALL WATER, SANITARY AND STORM STUBS TO BE PLUGGED/CAPPED & WATER MAIN FITTINGS TO BE RESTRAINED. LOCATION TO BE MARKED WITH A 38x89 STUD FROM INVERT OF PIPE TO 300mm ABOVE FINISH GRADE.
13. CONTRACTOR TO ENSURE ALL UTILITIES ARE CONTACTED AND SERVICES LOCATED IN THE FIELD PRIOR TO START OF CONSTRUCTION.

No.	Description	Date	By
1	ISSUED FOR CONSTRUCTION	FEB 11/09	
B	ISSUED FOR APPROVAL	OCT 9/08	TMc
A	ISSUED FOR REVIEW	OCT 3/08	TMc

Revision or Issue

BENTLEY PROPERTIES INC.
63 FALLSVIEW AVENUE
SAINT JOHN, N.B.
E2K 1B8

BENTLEY CROSSING
PHASE 3
PLAN PROFILE
CLIPPER PASSAGE
STA. 0+000 – 0+175

CBCL LIMITED
Consulting Engineers

Scale
HORIZ. 1:500 ; VERT. 1:50

Date OCT. 2008		Drawn THM
Designed GMP	Checked JDF	Approved TMc
Contract No 082844		Sheet of 1/3
CBCL I.D. No. 953		Revision
Drawing No 082844-C001		