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 - TOPOGRAPHIC INFORMATION PROVIDED BY RONALD H. SMITH LTD. (JULY 2012). REFER TO CONTROL POINT (09R193033) LOCATION SHOWN ON KEY PLAN, NORTHING=4899107.479, EASTING=375921.245, ELEVATION = 84.229m.
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 - EXISTING BUILDINGS AND TREES TO BE PROTECTED DURING CONSTRUCTION UNLESS INDICATED OTHERWISE.
 - REINSTATE DISTURBED AREAS TO ORIGINAL CONDITION OR BETTER AND GRADE SURROUNDING AREAS AT 4%:1V FOR TIE-IN. COORDINATE WITH DEPARTMENTAL REPRESENTATIVE PRIOR TO COMMENCING RESTORATION.
 - HEAVY DUTY SALT FENCE AS PER OPSD 219.130 TO BE INSTALLED DOWN STREAM OF CONSTRUCTION.
 - (S) - SWALE GRADE; (TOC) - TOP OF CURB GRADE; (BOC) - BOTTOM OF CURB GRADE
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 - 1.8m HIGH RIGID FENCING TO BE PLACED AROUND THE ENTIRE PERIMETER OF ALL OPEN EXCAVATIONS.

LEGEND:

	EXISTING EDGE OF ASPHALT
	NEW CURB
	NEW LINE PAINTING
	NEW WATERMAIN
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	NEW STORM SEWER c/w INSULATION
	NEW SANITARY SEWER
	EXISTING WATER PIPE
	EXISTING BELL UTILITY
	EXISTING CABLE UTILITY
	EXISTING GAS LINE
	EXISTING STEAM PIPE
	EXISTING HEAT RECOVERY PIPE
	EXISTING UNDERGROUND WIRE
	ABANDONED UNDERGROUND WIRE
	NEW UNDERGROUND WIRE
	NEW GAS LINE
	NEW SWALE
	NEW TOP OF SLOPE
	EXISTING STORM MAINTENANCE HOLE
	EXISTING SANITARY MAINTENANCE HOLE
	EXISTING WATER VALVE CHAMBER
	EXISTING FIRE HYDRANT
	NEW FIRE HYDRANT
	NEW WATER VALVE
	NEW POWER OR COMMUNICATION HAND HOLE
	EXISTING BELL MAINTENANCE HOLE
	EXISTING ELECTRICAL MAINTENANCE HOLE
	NEW BOLLARD
	NEW CULVERT
	EXISTING BUILDING
	NEW CONCRETE
	NEW RIP-RAP c/w GEOTEXTILE
	NEW GRAVEL
	DEEP EXCAVATION AREA
	FINISHED GRADE
	EXISTING GRADE
	SURFACE WATER FLOW DIRECTION

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

Real Property Operations Branch
Real Property Operations Solutions
Direction générale des opérations immobilières
Solutions - Opérations immobilières

Project Delivery & Professional and Technical Services
Exécution de projets et Services experts/consils techniques

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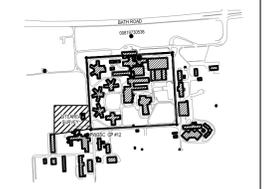
Structural Engineers
Halsall Associates
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Ottawa, ON K2P 0Y6
613.237.2462

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key plan plan-04



01	ISSUED FOR TENDER	15/03/16
revision	description	date
A	detail no. n° du détail	A
B	location drawing no. sur dessin n°	B
C	C drawing no. dessin n°	C

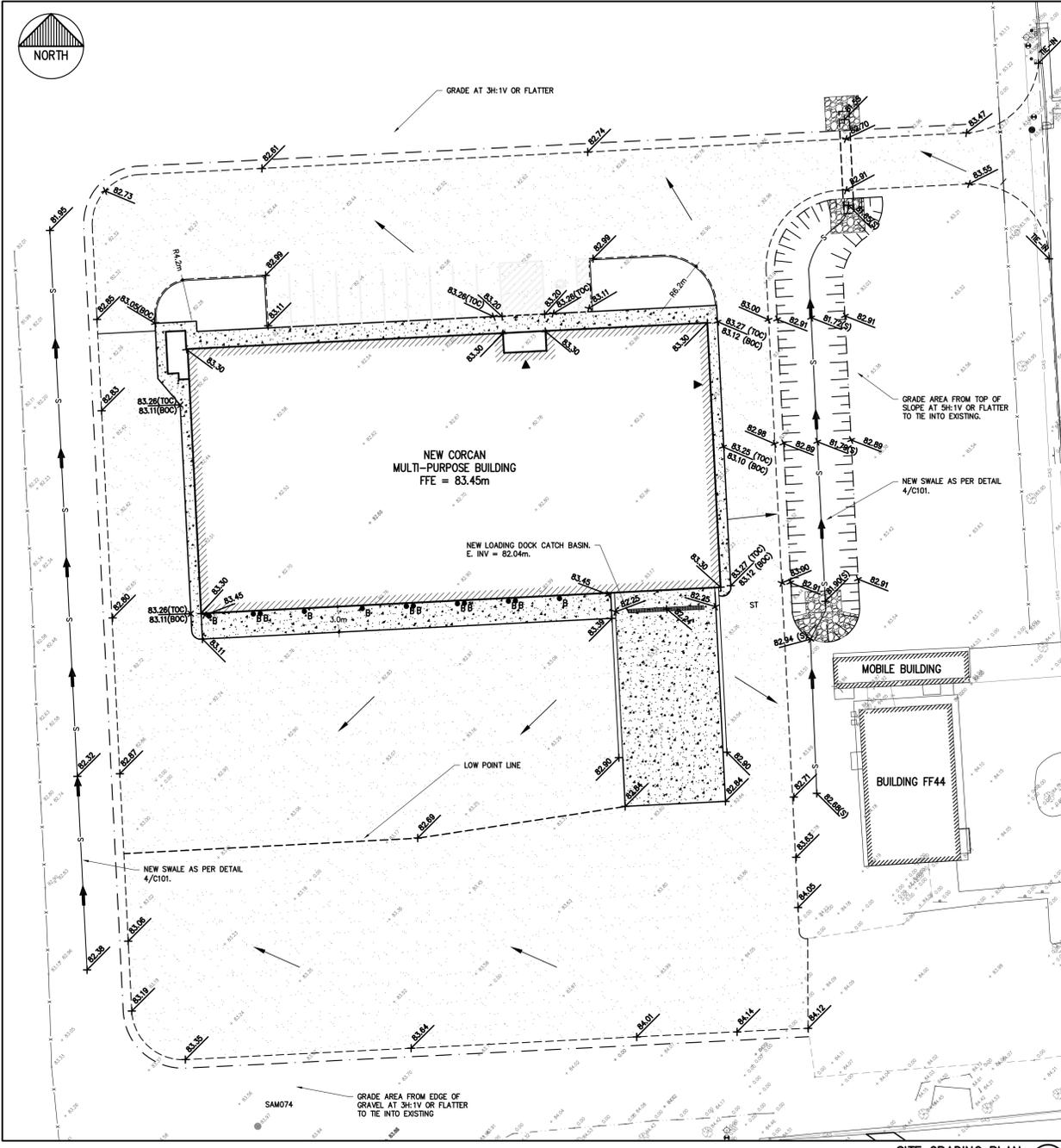
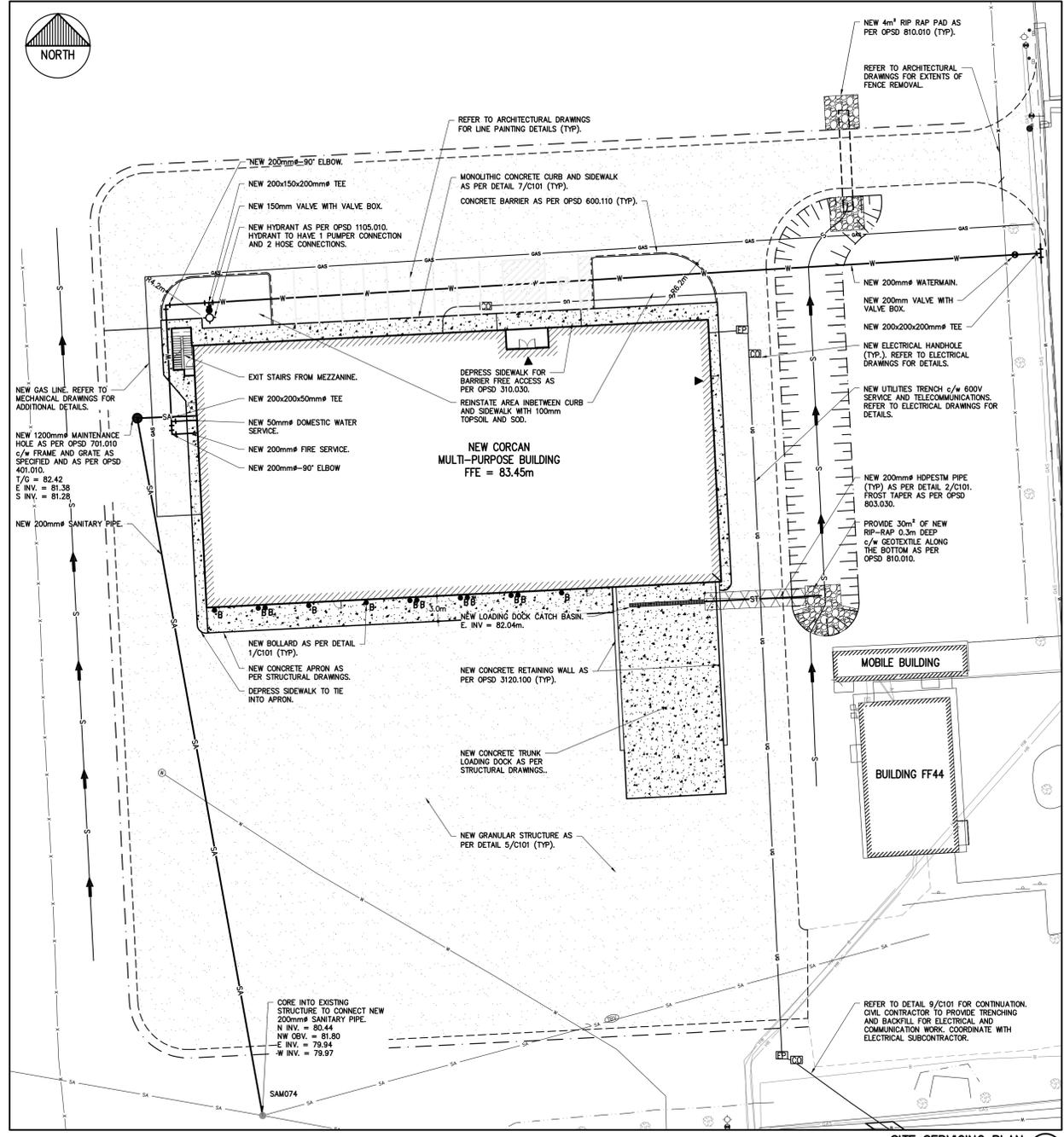
project CSC MULTI-PURPOSE BUILDING
CBI MINIMUM INSTITUTION (FRONTENAC)
KINGSTON, ONTARIO

drawing CIVIL
SITE PLAN & GRADING

designed	NH	conçu
date	2014/08/11	(yyyy/mm/dd)
drawn	NH	dessiné
date	2014/08/11	(yyyy/mm/dd)
reviewed	KC	examiné
date	2015/03/12	(yyyy/mm/dd)
approved	MM	approuvé
date	2015/03/12	(yyyy/mm/dd)
Tender	DUNCAN PARKER	Soumission

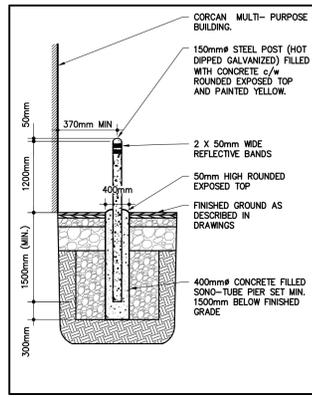
Project Manager Administrateur de projets
project no. no. du projet

R.055776.001
drawing no. no. du dessin
C100

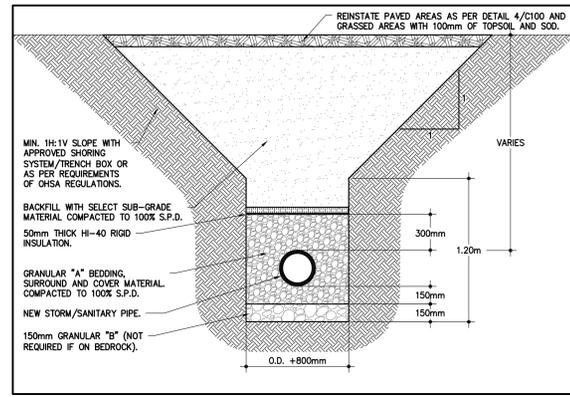


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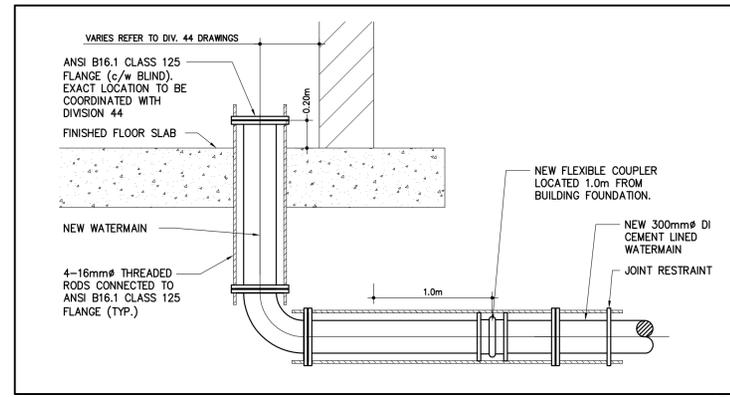
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TYPICAL BOLLARD DETAIL
N.T.S. 1 C101

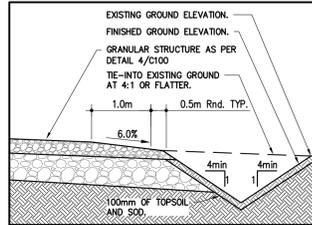
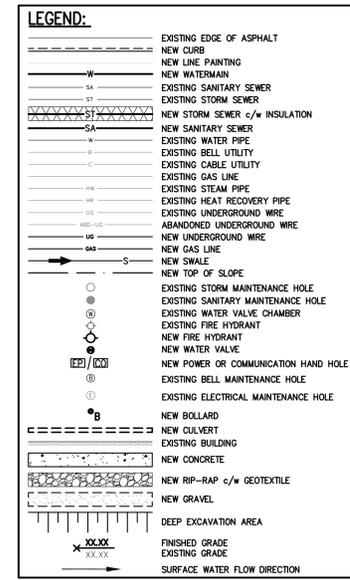


TYPICAL SINGLE TRENCH DETAIL
N.T.S. 2 C101

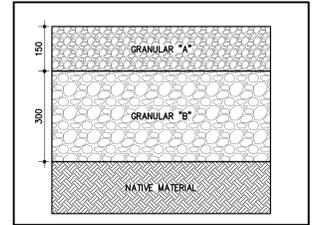


TYPICAL DETAIL OF WATERMAIN INSTALLATION AT BUILDING
SCALE: N.T.S. 3 C101

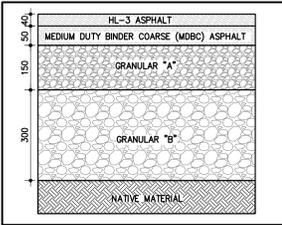
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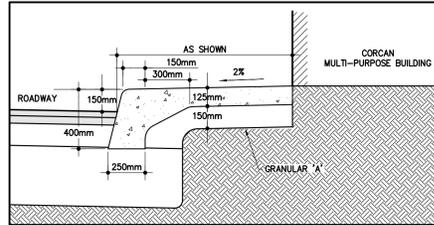
TYPICAL SWALE/GRAVEL SHOULDER
N.T.S. 4 C100



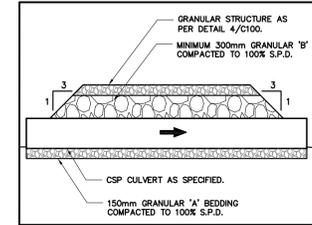
GRANULAR STRUCTURE DETAIL
N.T.S. 5 C101



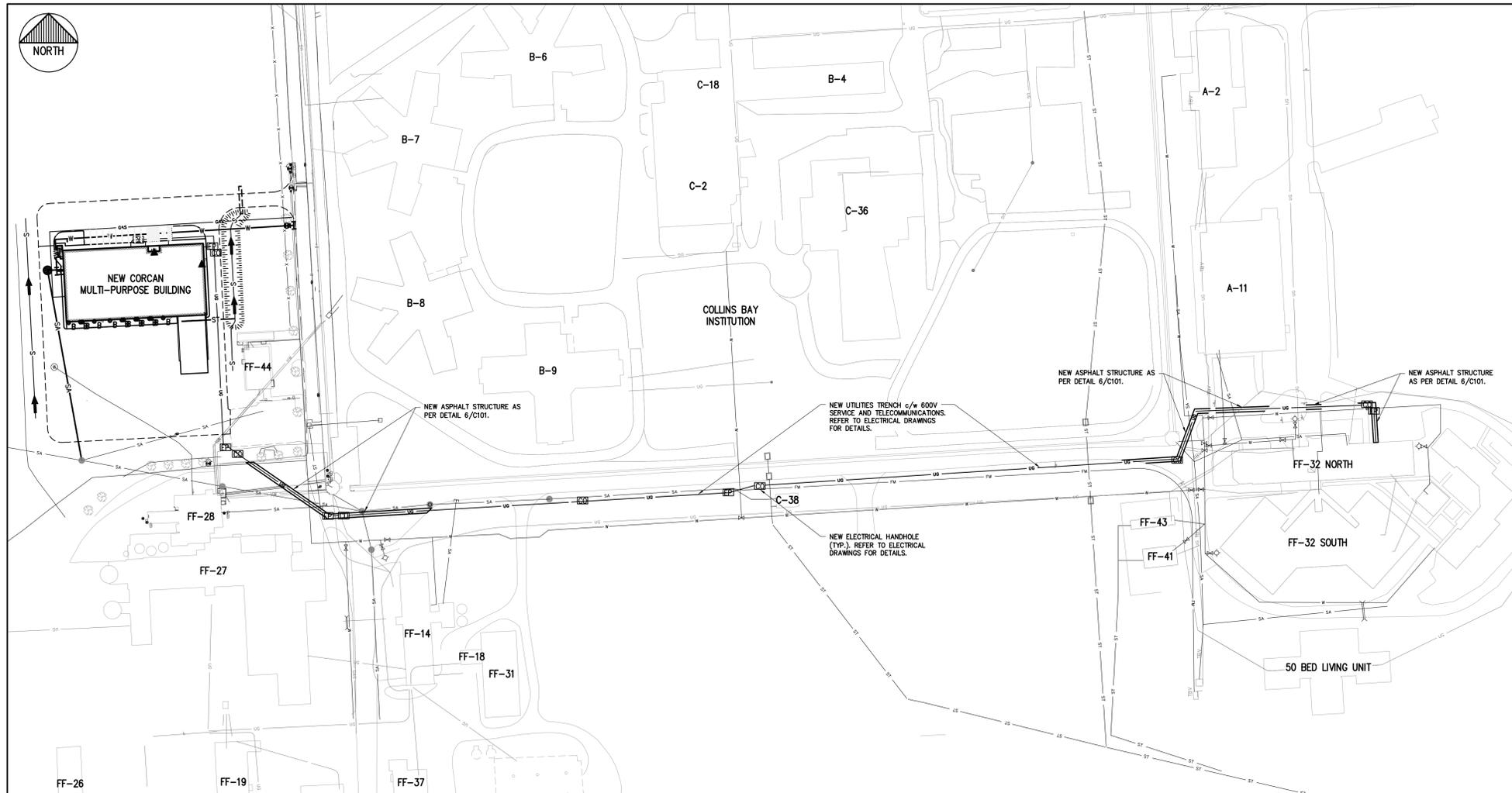
ASPHALT STRUCTURE DETAIL
SCALE: N.T.S. 6 C101



MONOLITHIC CONCRETE CURB AND SIDEWALK DETAIL
N.T.S. 7 C101



TYP. DRIVEWAY CULVERT DETAIL
SCALE: N.T.S. 8 C101



ELECTRICAL ROUTING
SCALE: 1:1000 9 C101



revision	description	date
01	ISSUED FOR TENDER	15/03/16

A	B	C
A detail no. n° du détail	B location drawing no. sur dessin n°	C drawing no. dessin n°

project / projet
CSC MULTI-PURPOSE BUILDING
CBI MINIMUM INSTITUTION (FRONTENAC)
KINGSTON, ONTARIO

drawing / dessin
CIVIL DETAILS

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