

Attachment 2

Engineering Plans (Drawing Sheets C005 to C009, C012, C014 and C015, issued 2026/01/26)

ARCH D 24' x 36'



- LEGEND**
- x 291.64 EX GRADE
 - x 291.64 PROP GRADE
 - PROP ASPHALT AREA

IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.

TOPOGRAPHIC DATA AND FEATURES SHOWN ON THIS PLAN ARE DERIVED FROM TOTAL STATION FIELD SURVEY PERFORMED DECEMBER 2023.

PROPERTY BOUNDARY DIMENSIONS ARE COMPILED AND CALCULATED FROM INFORMATION ON PLANS 4R-11395 AND 4R-26260.

SITE BENCHMARK
FIRE HYDRANT
TOP OF SPINDLE
ELEV.=70.160



SERVICES D'INFRASTRUCTURE
DIRECTION DE CONCEPTION ET DE CONSTRUCTION

FOR / POUR
Client - Department
Infrastructure and Water Services Department
Design & Construction



PRIME:
AECOM Canada Architects Ltd.
50 Sportsworld Crossing Road, Suite 200
Kitchener, Ontario, N2P 0A4



SUBCONSULTANT:
GRC ARCHITECTS INC.
47 Clarence Street, Suite 401
Ottawa, Ontario, K1N 9K1

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NO.	ISSUED FOR	DATE	BY
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8	SUBMITTED FOR ECA & SPA SUBMISSIONS	2025/11/26	TG
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4	ISSUED FOR 6% CONTRACT DOCUMENTATION/ISSUED FOR SPA	2025/04/15	
3	ISSUED FOR 100% DESIGN DEVELOPMENT/33% CONTRACT DOCUMENTATION	2025/01/09	
2	RESUBMITTED FOR SCHEMATIC DESIGN	2024/09/27	
1	ISSUED FOR SCHEMATIC DESIGN	2024/03/28	

DESIGNED BY: CONCIU PAR
TG/SS
DRAWN BY: DESBRE PAR
SS

SCALE: 1:500

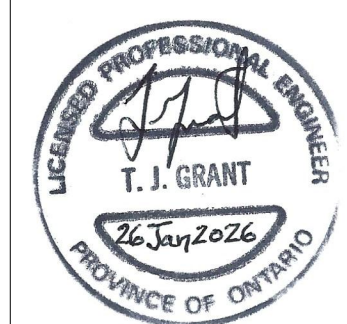
1:500

1:500

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CONSULTANT / EXPERT-CONSEIL

CONSULTANT / EXPERT-CONSEIL
CONSULTANT / EXPERT-CONSEIL



PROJECT / LOCATION / PROJET / ENDROIT
OTC ZEB-New Garage

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OTTAWA, ONTARIO

DRAWING / DESSIN
SITE GRADING PLAN

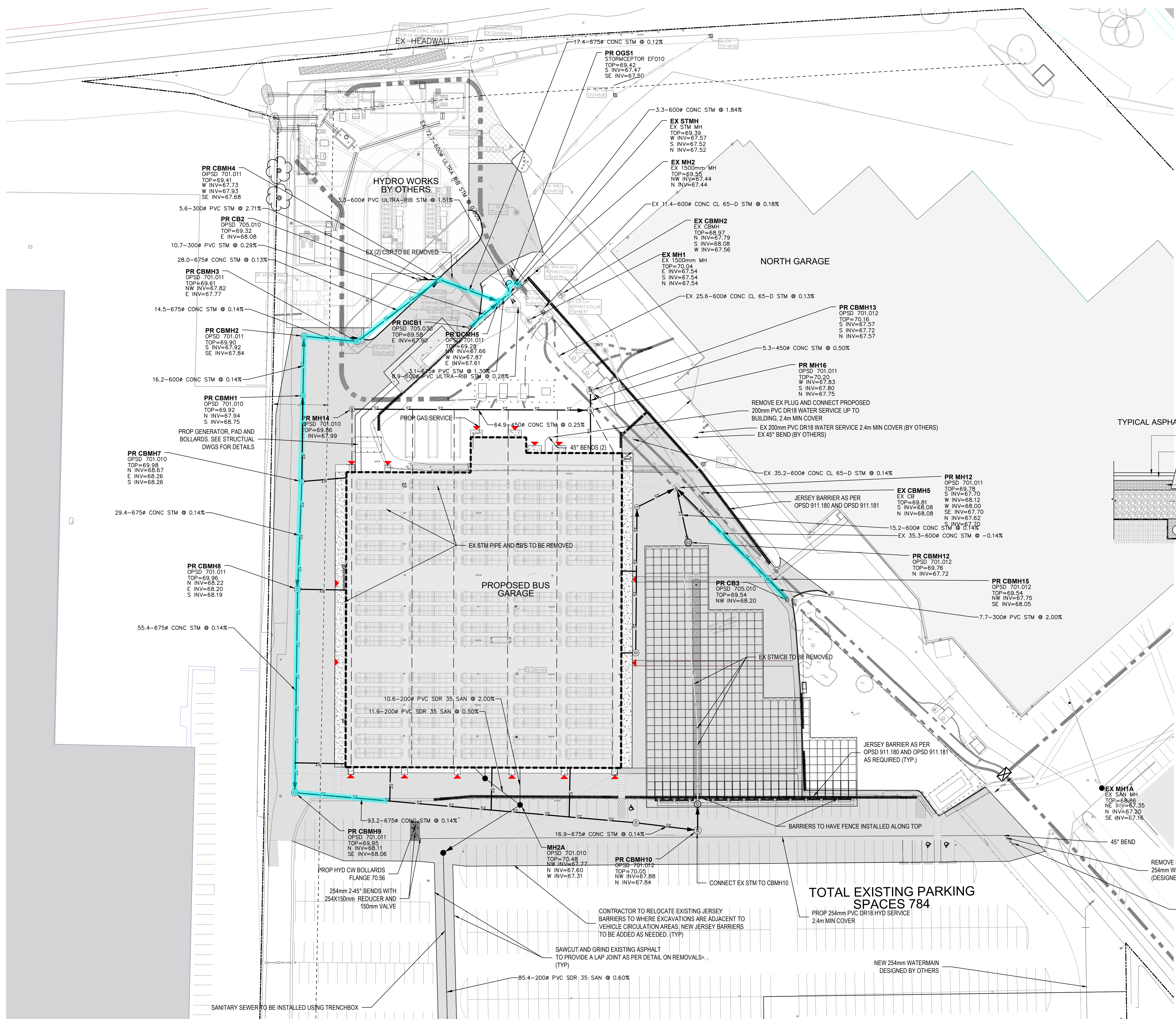
BUSINESS ENTITY / NUMERO DE L'ENTITE
BUILDING NUMBER / NUMERO DU BATIMENT
SHEET NO. / FEUILLE No.
OMF1
CITY PROJECT NO. / NUMERO DE PROJET
60716350

CONS. PROJECT NO. / NUMERO DE PROJET
C005

File Number D07-12-25-0095
Plan Number 19357

CONTRACTOR TO RELOCATE EXISTING JERSEY BARRIERS TO WHERE EXCAVATIONS ARE ADJACENT TO VEHICLE CIRCULATION AREAS. NEW JERSEY BARRIERS TO BE ADDED AS NEEDED. (TYP)

TOTAL EXISTING PARKING SPACES 784



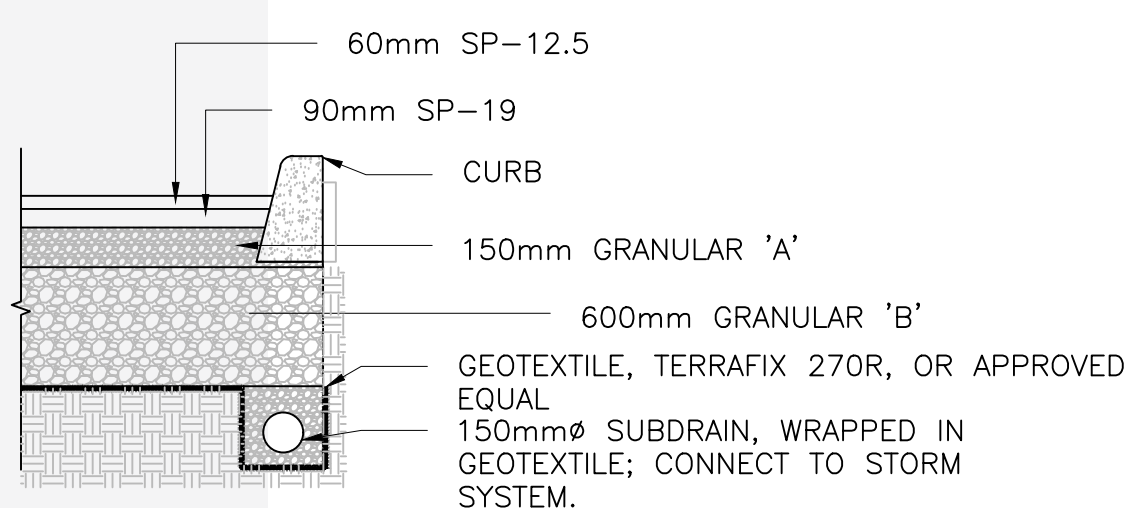
LEGEND

- EX STORM SEWER
- EX SANITARY SEWER
- EX WATERMAIN
- PROP STORM SEWER
- PROP SANITARY SEWER
- PROP WATERMAIN
- PROP ASPHALT AREA
- SEWER TO BE INSULATED
CONC PIPE CLASS TO BE 100-D
- PROP FLOOR SUBDRAIN

NOTES:
ORIFICE PLATES TO BE PLACED ON CBM13, EX MH1 AND DCBMH5. SEE DRAWING C012 FOR ORIFICE PLATE LOCATION, SIZE AND INVERTS.

BUILDING SLAB TO HAVE SUBDRAIN SYSTEM. DRAINAGE SYSTEM TO CONNECT TO STORM SYSTEM. SEE MECHANICAL / STRUCTURAL DRAWINGS FOR DRAINAGE SYSTEM DETAILS.

TYPICAL ASPHALT SECTION



NOTES:
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NOTES:
INSTALLATION OF STORM SEWER ON THE NORTH AND WEST SIDES OF NEW BUILDING TO BE INSTALLED IN PHASES PRIOR TO WORK ON NEW BUILDING. BUS ACCESS TO FUELLING STATION AND BUS EXIT AT BELFAST TO BE MAINTAINED. PHASING AND TRAFFIC MANAGEMENT PLAN TO BE SUBMITTED FOR APPROVAL.

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NUMBER	MILESTONE/FAIT SAILLANT	DATE (Y/M/D)	INITIALS

DESIGNED BY / CONÇU PAR	CHECKED BY / VÉRIFIÉ PAR	SCALE / ÉCHELLE
TG/SS	TG	1 : 500

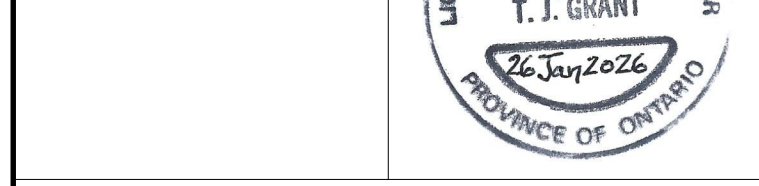
DETAIL NUMBER	DRAWING TITLE	SHEET NUMBER
A1.1	DRAWING TITLE	

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ARCHITECT / ARCHITECTE	CONSULTANT / EXPERT-CONSEIL

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PROJECT / LOCATION / PROJET / ENDROIT
OTC ZEB-New Garage

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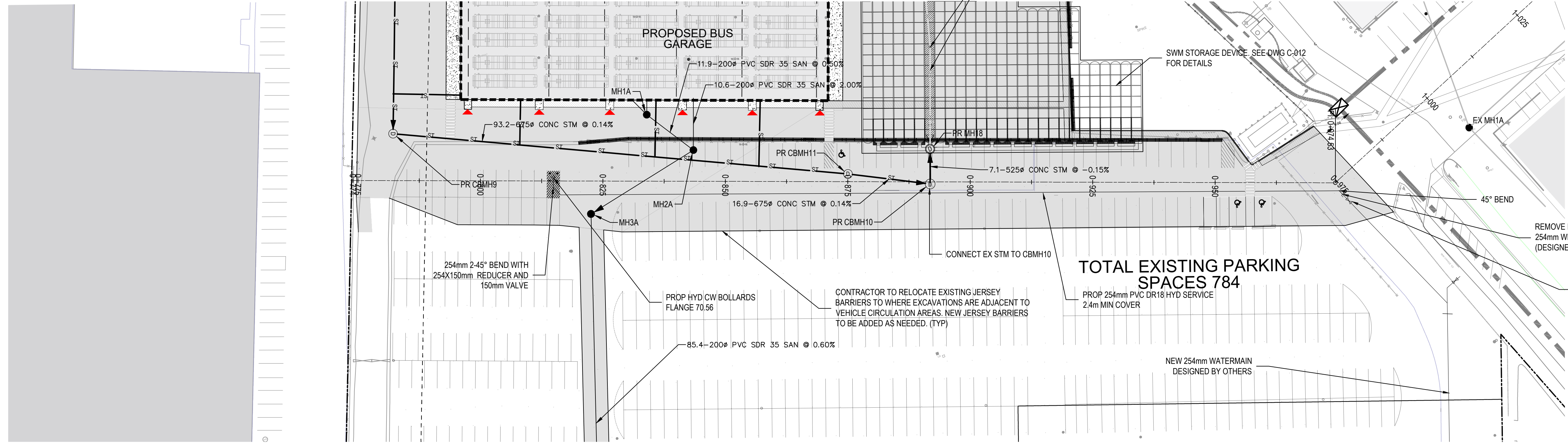
DRAWING / DESSIN
SITE SERVICING PLAN

BUSINESS ENTITY / NUMÉRO DE L'ENTITÉ
BUILDING NUMBER / NUMÉRO DU BÂTIMENT
CITY PROJECT NO. / NUMÉRO DE PROJET
CONS. PROJECT NO. / NUMÉRO DE PROJET

OMF1
60716350

SHEET NO. / FEUILLE No.
C006

File Number D07-12-25-0095
Plan Number 19357



LEGEND

- ST — EX STORM SEWER
- SAN — EX SANITARY SEWER
- EX WATERMAIN
- ST — PROP STORM SEWER
- SAN — PROP SANITARY SEWER
- — PROP WATERMAIN

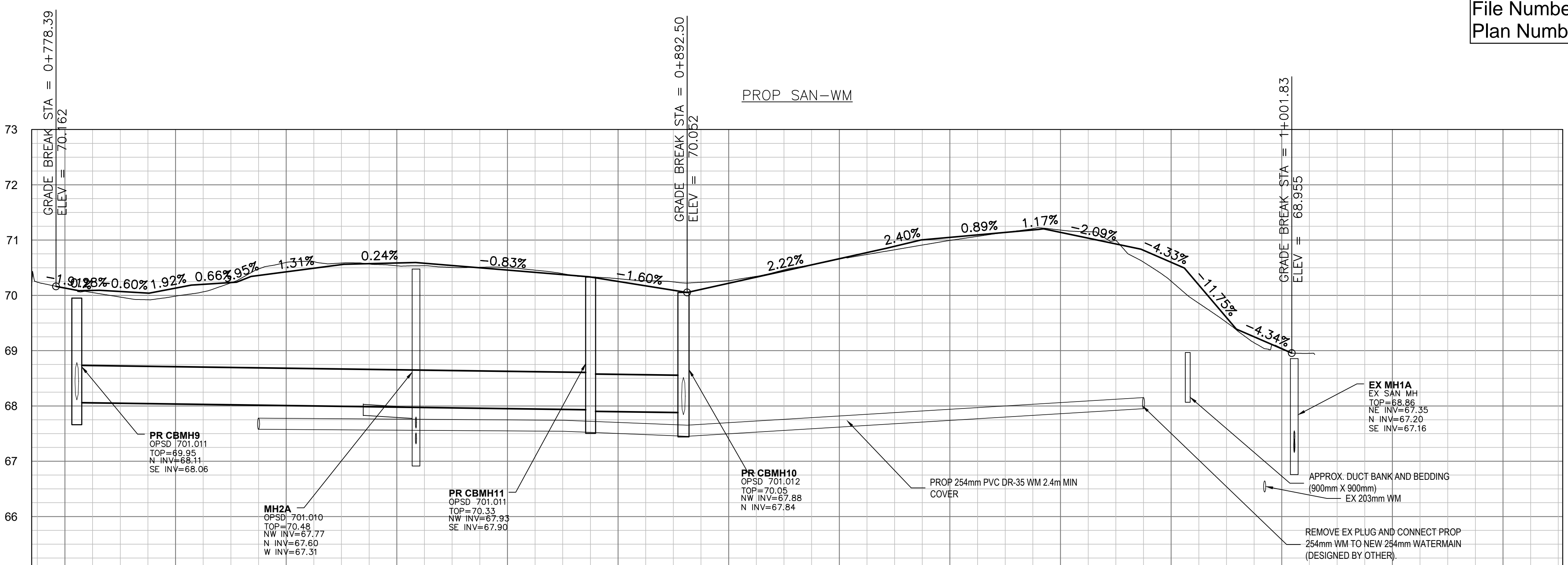
NOTES:
ORIFICE PLATES TO BE PLACED ON CBMH13, EX MH1 AND DCBMH5. SEE DRAWING C012 FOR ORIFICE PLATE LOCATION, SIZE AND INVERTS.

REMOVE EX PLUG AND CONNECT PROP 254mm WM TO NEW 254mm WATERMAIN (DESIGNED BY OTHER).
VALVE (BY OTHERS)

NOTES:
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1 | PLAN VIEW

C007



File Number D07-12-25-0095
Plan Number 19357

PROPOSED STORM	PR 93.2m-675# CONC STM @ 0.14%		PR 16.9m-675# CONC STM @ 0.14%		PROPOSED STORM																				
PROPOSED SANITARY	PR 11.9m-200# PVC SDR 35 SAN @ 0.50%					PROPOSED SANITARY																			
EX/PR CENTERLINE ELEVATION	70.17	70.13	68.88	70.13	70.60	70.43	70.54	70.59	70.60	70.46	70.30	70.25	70.22	70.20	70.66	70.66	70.69	71.05	71.18	71.14	70.26	70.60	68.04	68.03	EX/PR CENTERLINE ELEVATION
CHAINAGE	0+773.38	0+780	0+800	0+820	0+840	0+860	0+880	0+900	0+920	0+940	0+960	0+980	1+000	1+020	1+040	1+060	1+080	1+100	1+120	1+140	1+160	1+180	1+200	CHAINAGE	

2 | PROFILE VIEW

C007 SCALE: H 1:500 V 1 : 50



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FOR / POUR
Client - Department
Infrastructure and Water Services Department
Design & Construction



PRIME:
AECOM Canada Architects Ltd.
50 Spadina Avenue, Suite 290
Kitchener, Ontario, N2P 0A4



SUBCONSULTANT:
GRC ARCHITECTS INC.
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Ottawa, Ontario, K1N 9K1

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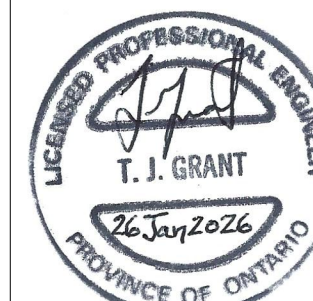
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8	SUBMITTED FOR ECA & SPA SUBMISSIONS	2025/1126	TG
7	ISSUED FOR 100% CONTRACT DOCUMENTATION/RENDER	2025/1114	TG
6	ISSUED FOR BUILDING PERMIT	2025/0819	TG
5	ISSUED FOR 90% CONTRACT DOCUMENTATION	2025/0807	
4	ISSUED FOR 80% CONTRACT DOCUMENTATION/	2025/0415	
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1	ISSUED FOR SCHEMATIC DESIGN	2024/0328	

DESIGNED BY / CONCEPU PAR	CONCI PAR	CHECKED BY / VERIFIE PAR	YVONNE PAR
TG/SS		TG	
DRAWN BY / DESINE PAR	SS	SCALE / ECHELLE	1 : 500

DETAIL NUMBER
1 DRAWING TITLE
SCALE
SHEET NUMBER

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CONSULTANT / EXPERT-CONSEIL	CONSULTANT / EXPERT-CONSEIL



PROJECT / LOCATION / PROJET / ENDROIT
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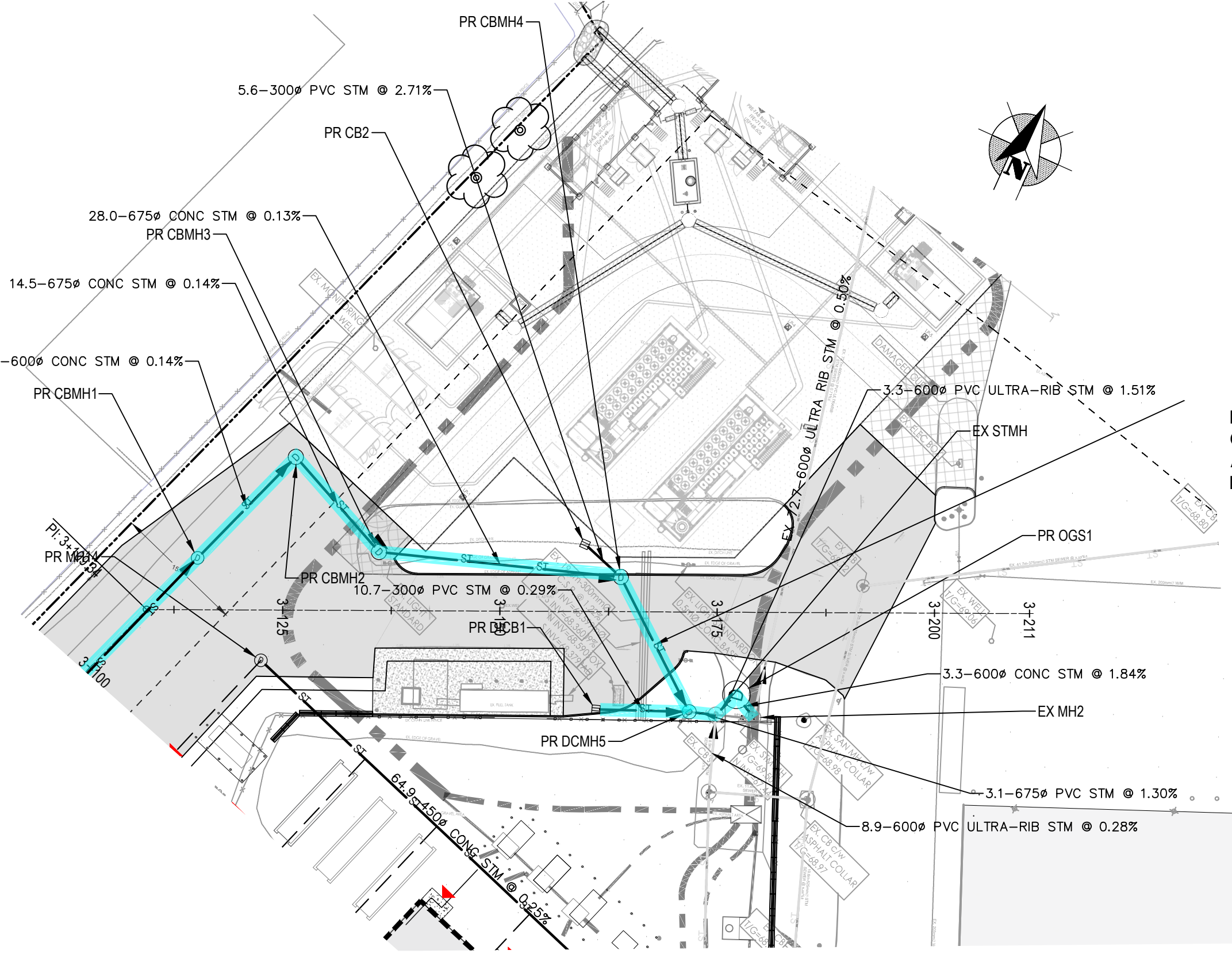
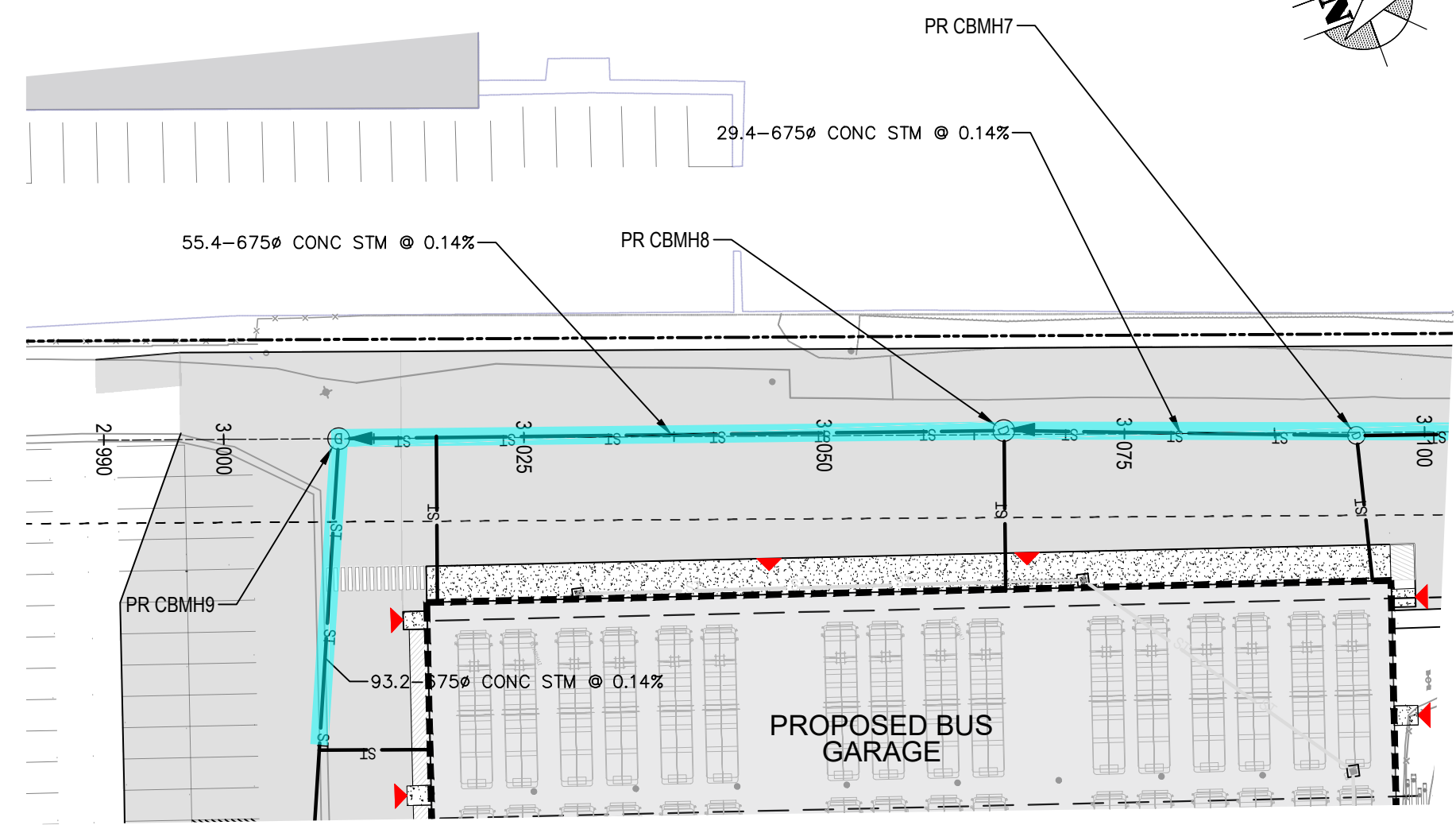
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OTTAWA, ONTARIO

DRAWING / DESSIN
SOUTH STORM AND WATERMAIN PROFILE

BUSINESS ENTITY / NUMERO DE LEVITE
BUILDING NUMBER / NUMERO DE BATIMENT

OMF1
CITY PROJECT NO. / NUMERO DE PROJET
60716350

SHEET NO. / FEUILLE No.
C007



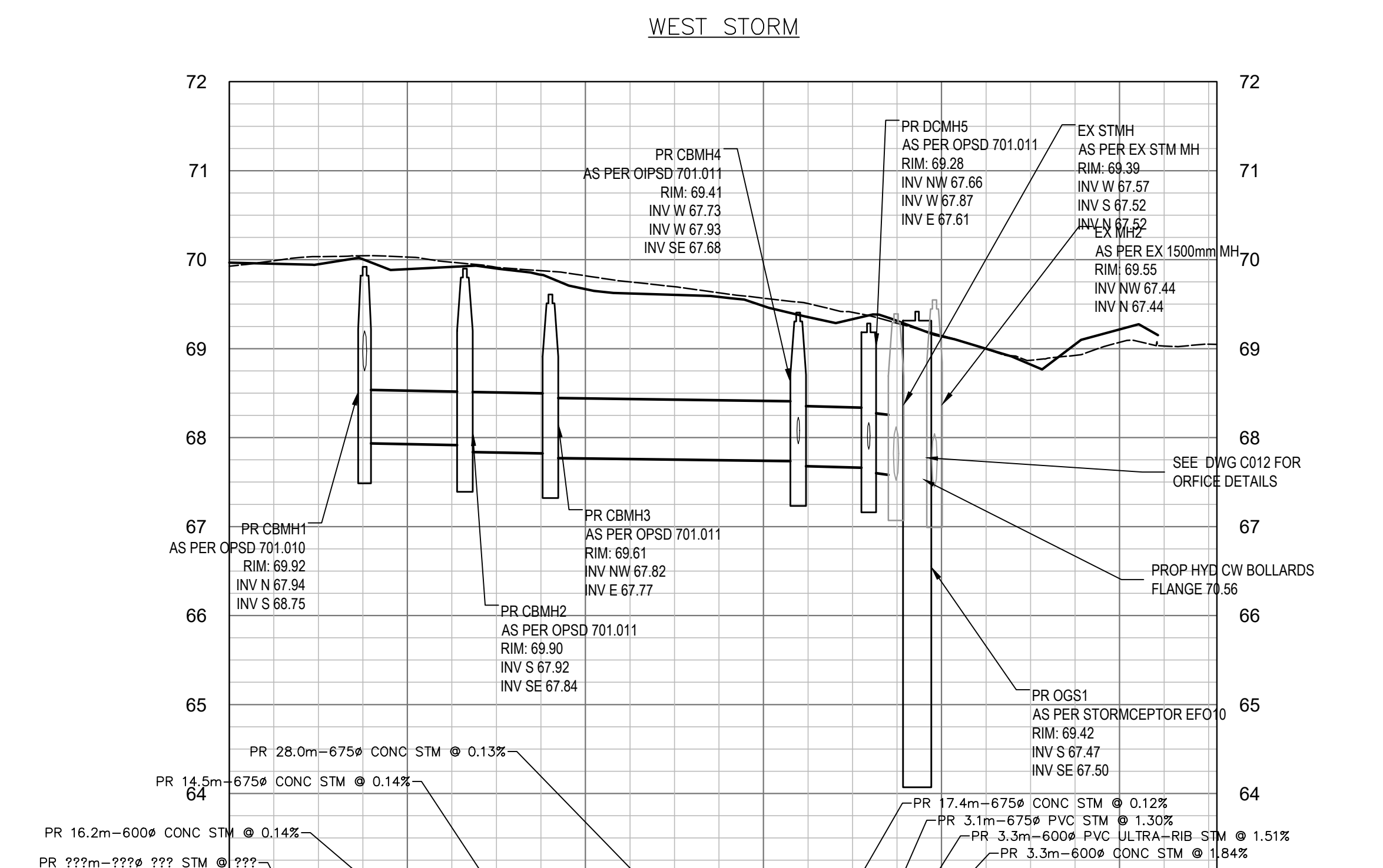
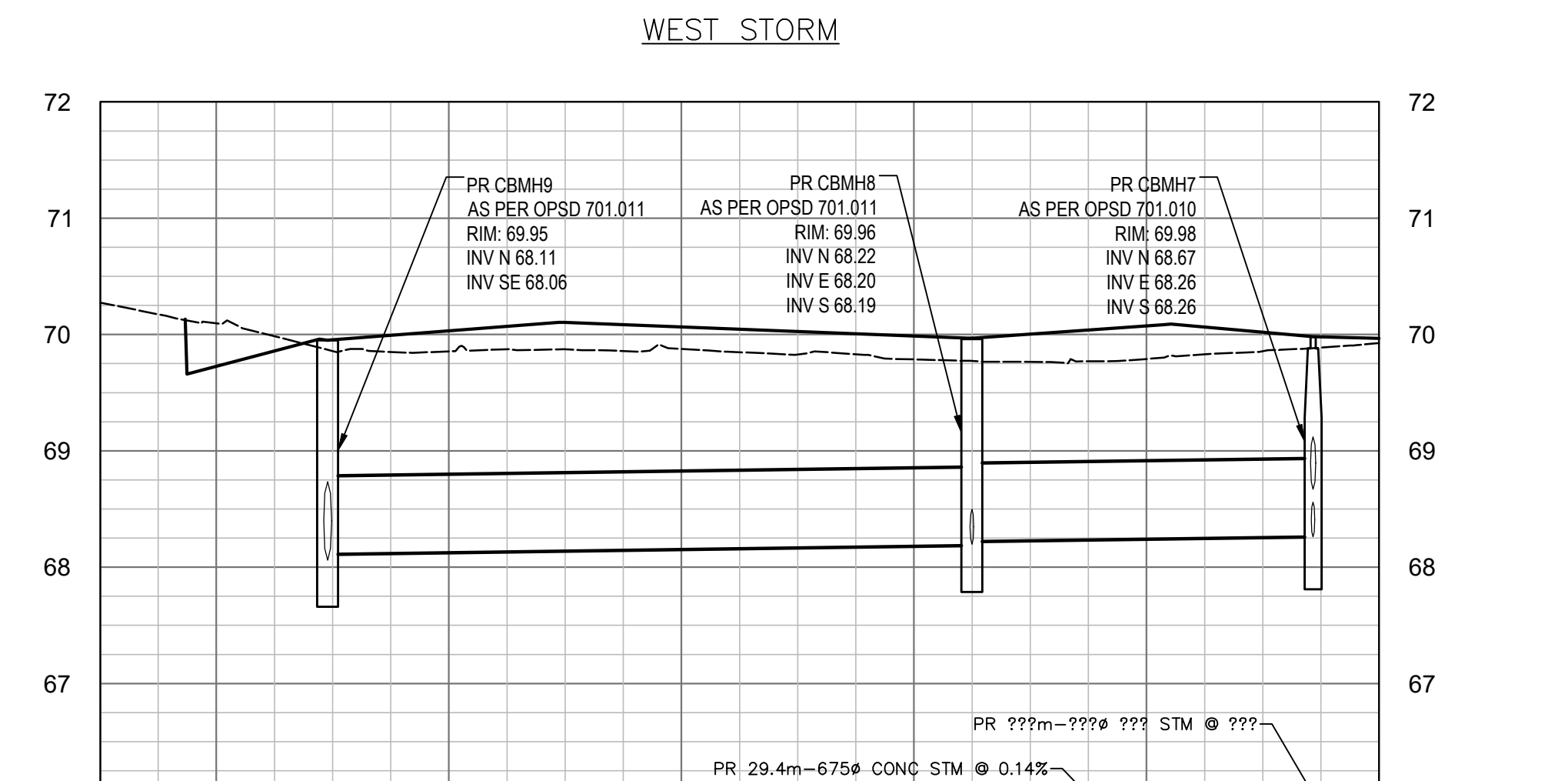
- LEGEND**
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 - EX WATERMAIN
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NOTES:
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1 | PLAN VIEW

C006



NOTES:
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PROPOSED STORM	PR 55.4m-675# CONC STM @ 0.14%						PROPOSED STORM						
PROPOSED SANITARY							PROPOSED SANITARY						
EX/PR CENTERLINE ELEVATION	70.27	70.10	69.73	69.65	70.03	69.88	70.06	69.79	69.59	69.79	70.07	69.93	69.93
CHAINAGE	2+990.01	3+000	3+020	3+040	3+060	3+080	3+100	CHAINAGE					

PROPOSED STORM	PR 17.4m-675# CONC STM @ 0.12%						PROPOSED STORM					
PROPOSED SANITARY							PROPOSED SANITARY					
EX/PR CENTERLINE ELEVATION	69.97	70.03	69.82	69.67	69.57	69.48	69.15	69.14	69.07	69.22	69.15	69.14
CHAINAGE	3+100	3+120	3+140	3+160	3+180	3+200	3+210.93	CHAINAGE				

File Number D07-12-25-0095
Plan Number 19357

2 | PROFILE VIEW

C008

SCALE: H 1:500 V 1:50



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FOR / POUR
Client - Department
Infrastructure and Water Services Department
Design & Construction



PRIME:
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50 Sportsworld Crossing Road, Suite 200
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DESIGNED BY / CONCEVU PAR	CG/UCI PAR	CHECKED BY / VERIFIE PAR	TG
TG/SS		TG	
DRAWN BY / DESINE PAR	SS	SCALE / ECHELLE	1 : 500

DETAIL NUMBER
1 DRAWING TITLE
SCALE
SHEET NUMBER

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ARCHITECT / ARCHITECTE
CONSULTANT / EXPERT-CONSEIL
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PROJECT / LOCATION / PROJET / ENDROIT
OTC ZEB-New Garage

Enter address here,
OTTAWA, ONTARIO

DRAWING / DESSIN
WEST STORM

BUSINESS ENTITY / NUMERO DE LEVITE / BUILDING NUMBER / NUMERO DU BATIMENT
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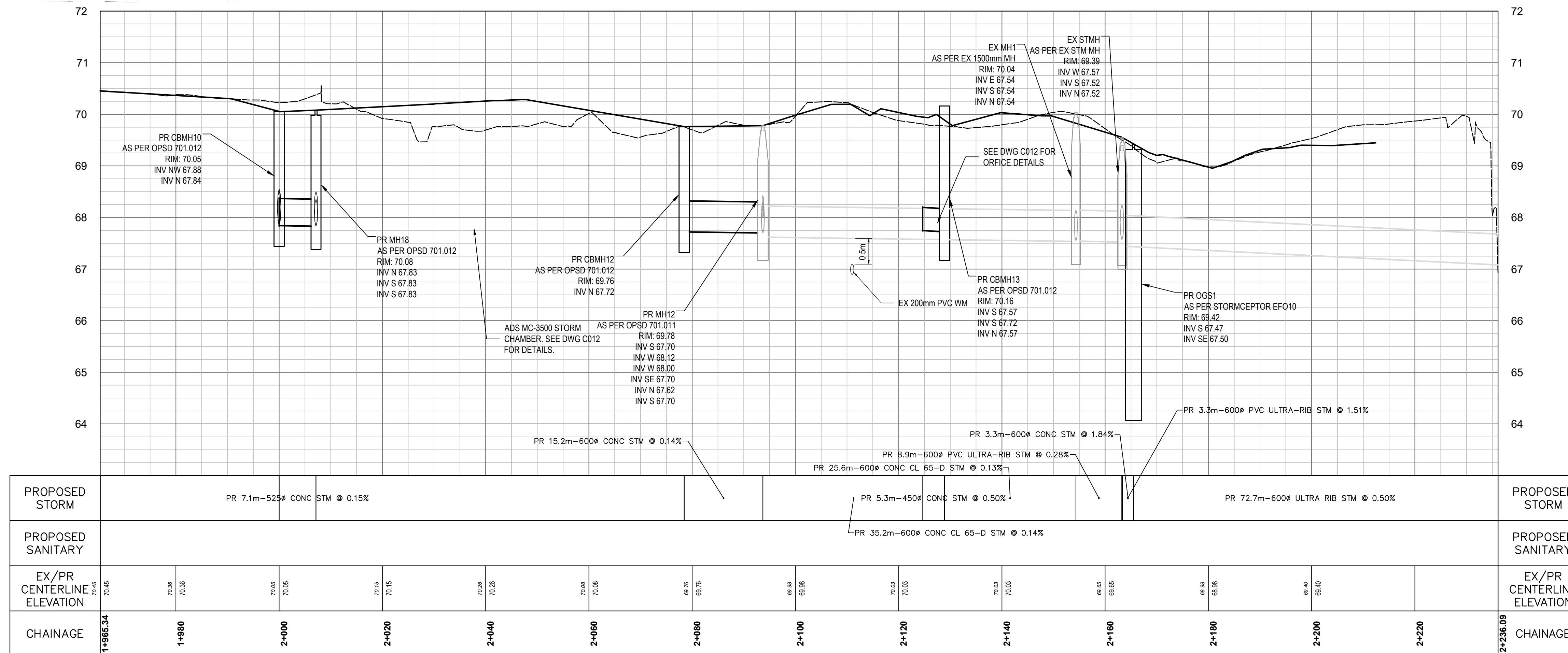
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1 | PLAN VIEW

C009



2 | PROFILE VIEW

C009

SCALE: H 1:500 V 1 : 50

File Number D07-12-25-0095
Plan Number 19357



SERVICES D'INFRASTRUCTURE
DIRECTION DE CONCEPTION ET DE CONSTRUCTION

FOR / POUR
Client - Department
Infrastructure and Water Services Department
Design & Construction



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50 Sportsworld Crossing Road, Suite 200
Kitchener, Ontario, N2P 0A4



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DESIGNED BY	CHECKED BY	DATE (Y/M/D)	INITIALS
CONCI PAR	VERNE PAR		
TG/SS	TG		
SS			

1 | DRAWING TITLE
SCALE: 1 : 500
SHEET NUMBER

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ARCHITECT / ARCHITECTE
CONSULTANT / EXPERT-CONSEIL

CONSULTANT / EXPERT-CONSEIL
CONSULTANT / EXPERT-CONSEIL



PROJECT / LOCATION / PROJET / ENDROIT

OTC ZEB-New Garage

Enter address here,

OTTAWA, ONTARIO

DRAWING / DESSIN

EAST STORM PROFILE

BUSINESS ENTITY / NUMÉRO DE L'ENTITÉ
BUILDING NUMBER / NUMÉRO DU BÂTIMENT

SHEET NO. / FEUILLE NO.

OMF1

CITY PROJECT NO. / NUMÉRO DE PROJET

60716350

CONS_PROJECT NO. / NUMÉRO DE PROJET

C009

PROJECT INFORMATION table with columns for PROJECT, PRODUCT, MANAGER, ADS SALES REP, PROJECT NO., ONTARIO SITE COORDINATION.

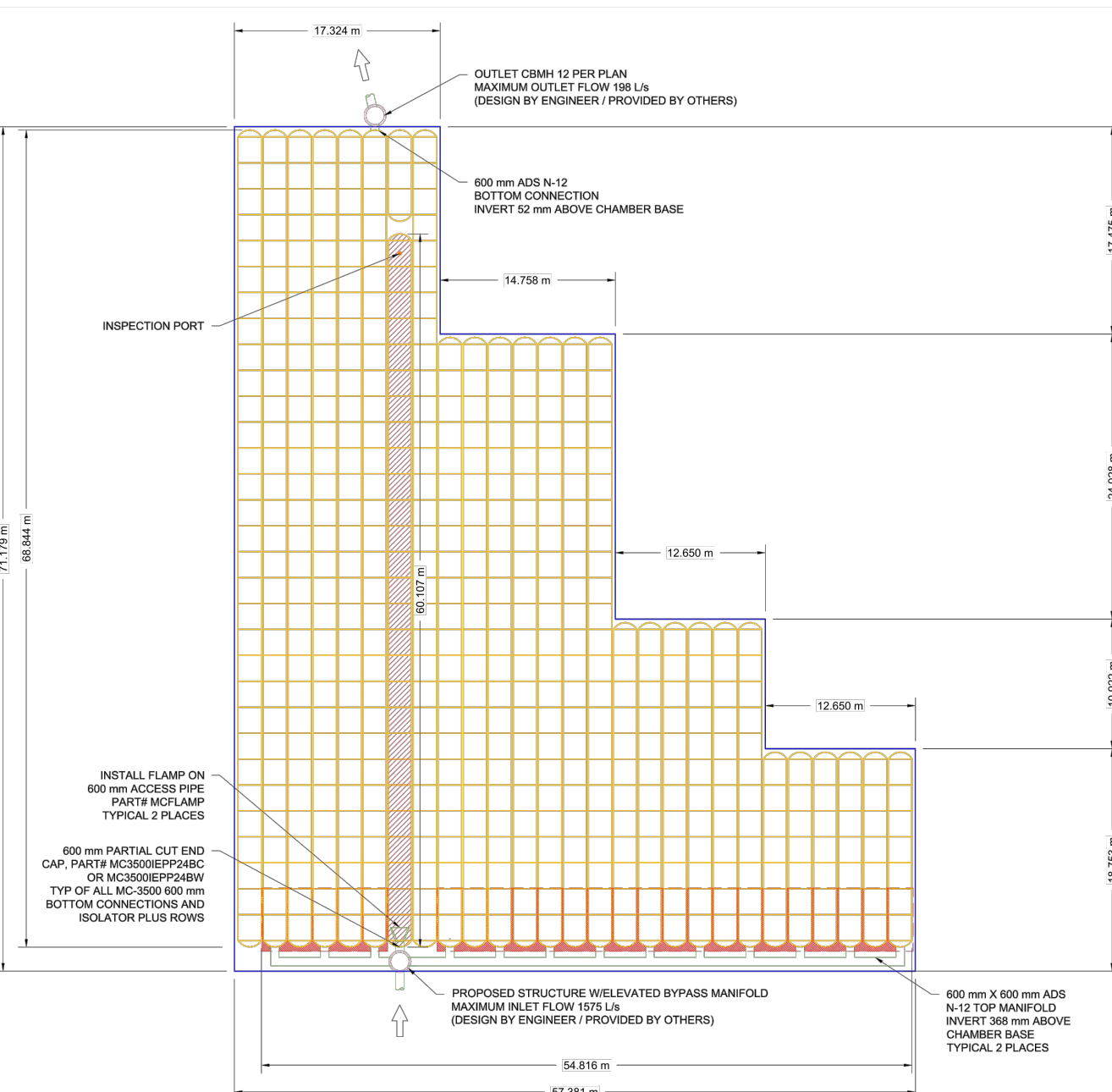


OTC ZEB NEW GARAGE OTTAWA, ON.

MC-3500 STORMTECH CHAMBER SPECIFICATIONS

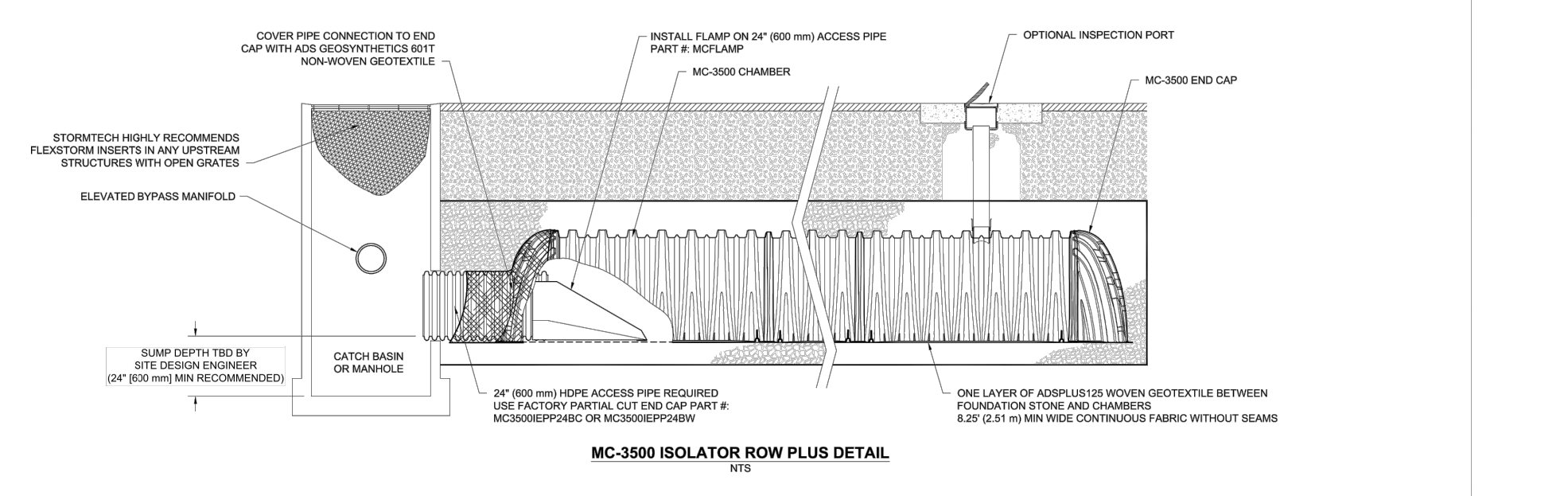
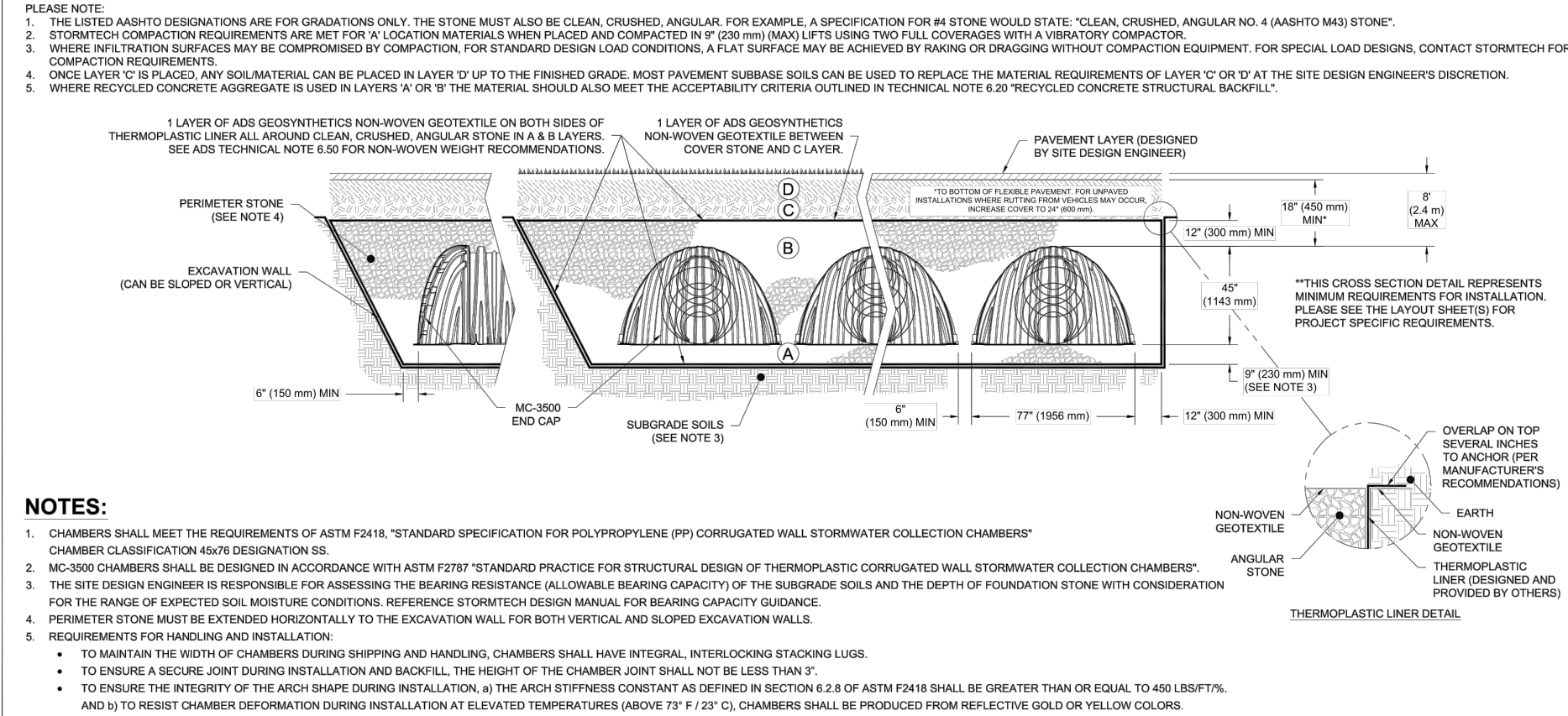
- 1. CHAMBER SHALL BE IDENTIFIED TO CSA 510A... 2. CHAMBERS SHALL BE ARCH-BARRIED... 3. CHAMBERS SHALL BE CONFINED TO CSA 510A... 4. CHAMBER ROWS SHALL PROVIDE CONTINUOUS UNOBSTRUCTED INTERNAL SPACE... 5. THE STRUCTURAL DESIGN OF THE CHAMBERS... 6. CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD... 7. REQUIREMENTS FOR HANDLING AND INSTALLATION... 8. CHAMBERS AND END CAPS SHALL BE PROCESSED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY... 9. MANHOLE RISE FOR OPENINGS... 10. ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS...

PROPOSED LAYOUT and PROPOSED ELEVATIONS tables with columns for STATIONING, ELEVATION, and CHAMBER TYPE.

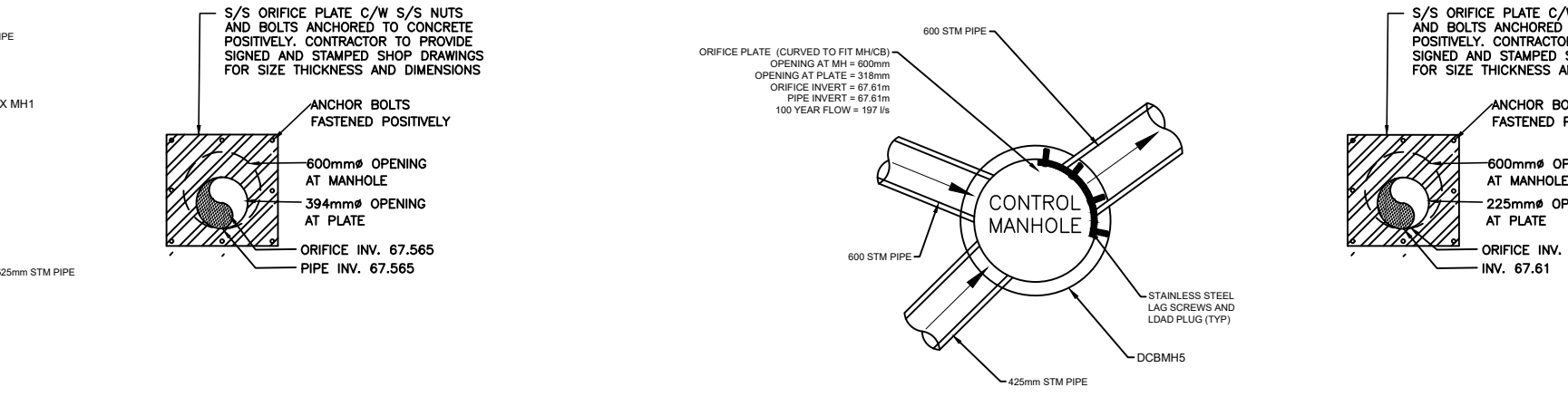
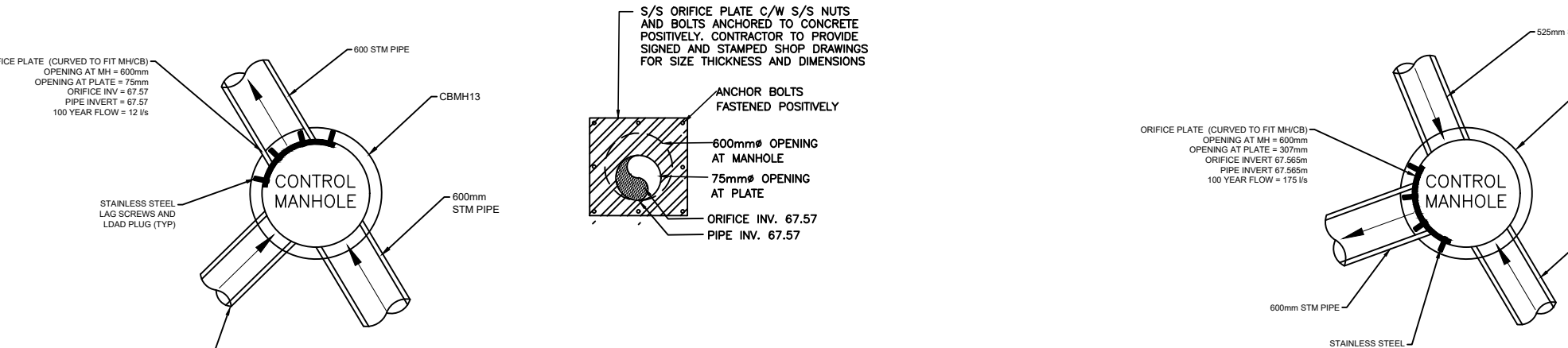
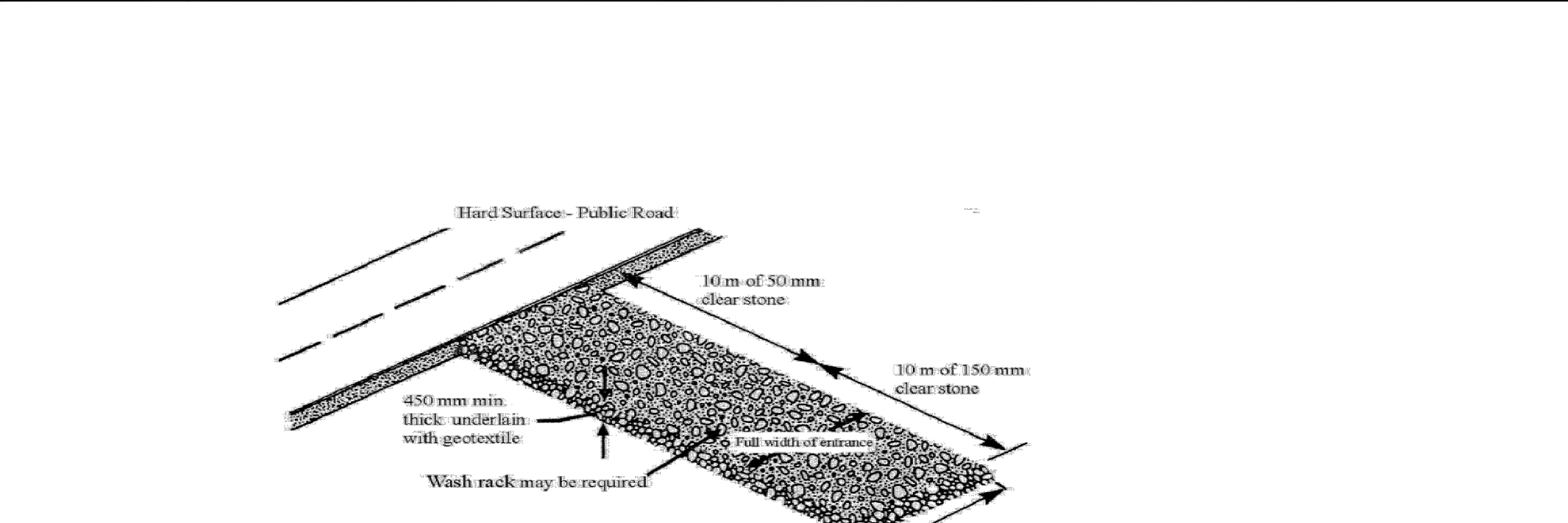
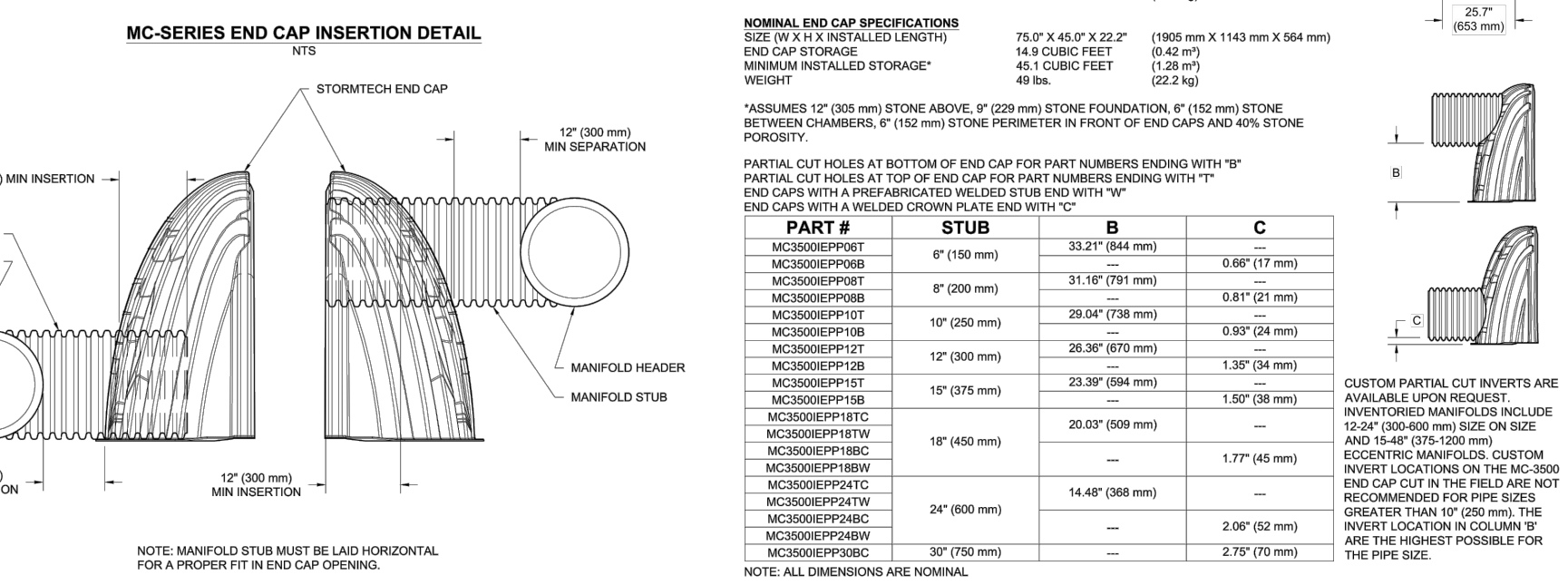
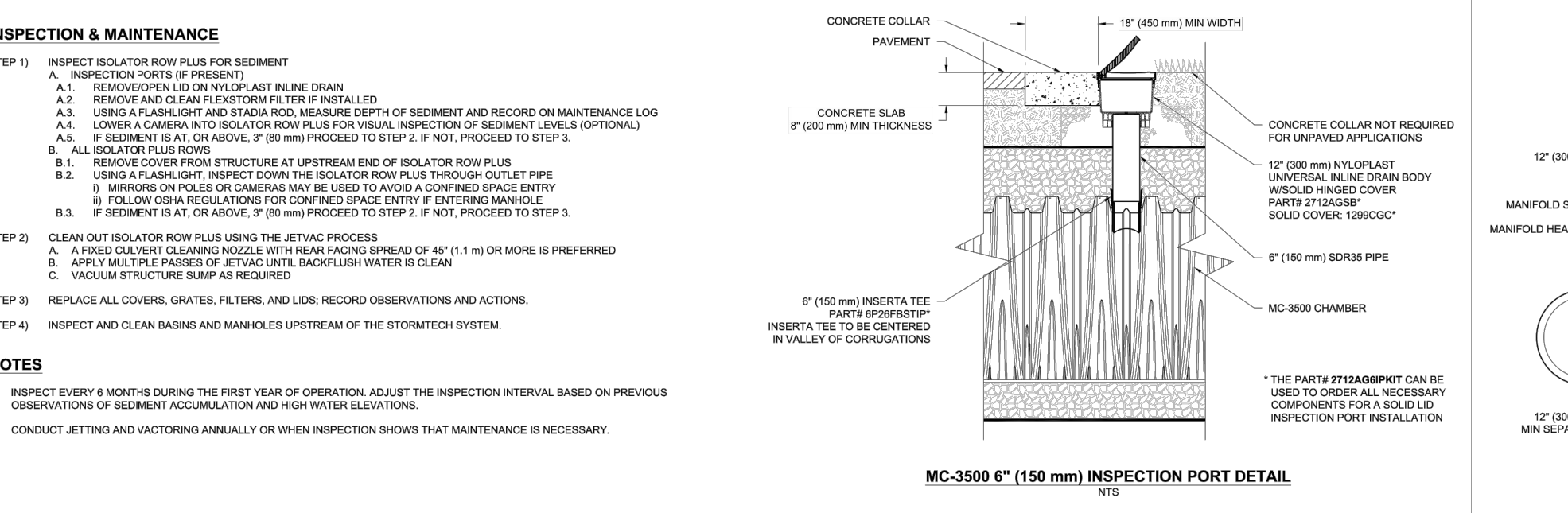


ACCEPTABLE FILL MATERIALS: STORMTECH MC-3500 CHAMBER SYSTEMS

Table with columns: MATERIAL LOCATION, DESCRIPTION, AASHTO MATERIAL CLASSIFICATIONS, COMPACTION / DENSITY REQUIREMENT.



MC-3500 TECHNICAL SPECIFICATION table with columns for PART #, STUB, and various dimensions and weights.



Ottawa Infrastructure Services Design and Construction logo and contact information.

AECOM CONSULTANT logo and contact information.

PRIME: AECOM Canada Architects Ltd. contact information.

grc architects logo and contact information.

SUBCONSULTANT: SRC ARCHITECTS INC. contact information.

Revision table with columns for NO., DESCRIPTION, DATE, and INITIALS.

DRAWING TITLE and SHEET NUMBER information.

Professional Engineer seal for J. J. Grant, dated 26 Jan 2026.

ARCHITECT / ARCHITECTE and CONSULTANT / EXPERT-CONSEIL information.

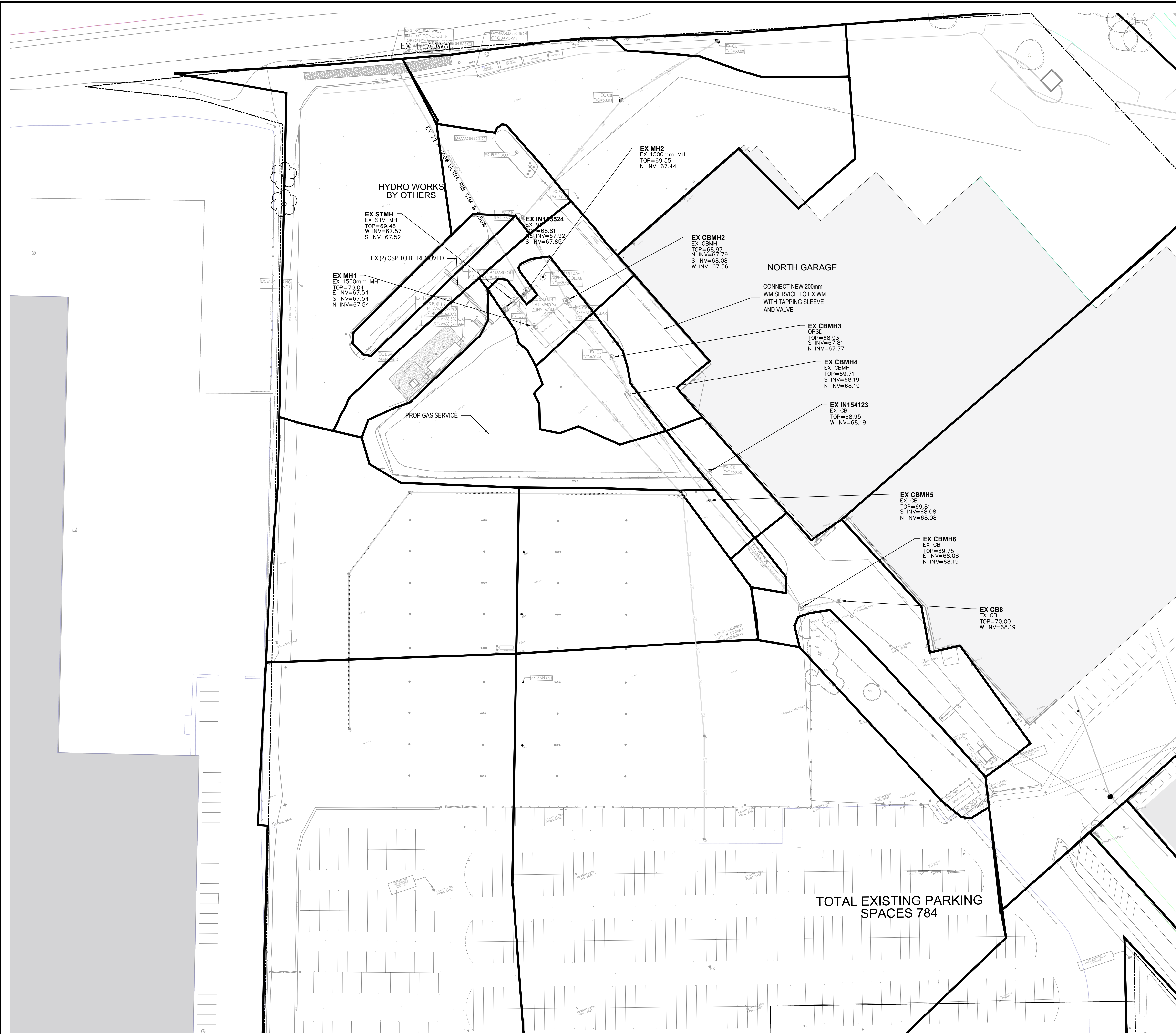
PROJECT / LOCATION / PROJET / ENDROIT information: OTC ZEB-New Garage.

Enter address here, OTTAWA, ONTARIO.

DRAWING / DESSIN information: STORMWATER STORAGE AND INLET CONTROL DETAILS.

BUSINESS ENTITY / NUMÉRO DE L'ENTITÉ information: OMF1.

File Number D07-12-25-0095 Plan Number 19357 and C012 sheet number.



LEGEND

- ST — EX STORM SEWER
- SAN — EX SANITARY SEWER
- WM — EX WATERMAIN
- ST — PROP STORM SEWER
- SAN — PROP SANITARY SEWER
- WM — PROP WATERMAIN



SERVICES D'INFRASTRUCTURE
DIRECTION DE CONCEPTION ET DE CONSTRUCTION

FOR / POUR
Client - Department
**Infrastructure and Water Services Department
Design & Construction**



PRIME:
AECOM Canada Architects Ltd.
50 Sportsworld Crossing Road, Suite 200
Kitchener, Ontario, N2P 0A4



SUBCONSULTANT:
GRC ARCHITECTS INC.
47 Clarence Street, Suite 401
Ottawa, Ontario, K1N 9K1

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NO.	DESCRIPTION	DATE	BY	CHKD
9	ISSUED FOR ECA & SPA SUBMISSIONS	2025/01/26	TG	
8	SUBMITTED FOR ECA & SPA SUBMISSIONS	2025/01/26	TG	
7	ISSUED FOR 100% CONTRACT DOCUMENTATION/TENDER	2025/01/14	TG	
6	ISSUED FOR BUILDING PERMIT	2025/08/19	TG	
5	ISSUED FOR 90% CONTRACT DOCUMENTATION	2025/08/07		
4	ISSUED FOR 80% CONTRACT DOCUMENTATION/ISSUED FOR SPA	2025/04/15		
3	ISSUED FOR 100% DESIGN DEVELOPMENT/30% CONTRACT DOCUMENTATION	2025/01/09		
2	RESUBMITTED FOR SCHEMATIC DESIGN	2024/09/27		
1	ISSUED FOR SCHEMATIC DESIGN	2024/03/28		

NUMBER	MILESTONE/FAT SALLANT	DATE (Y/M/D)	INITIALS

DESIGNED BY / CONÇU PAR	CHECKED BY / VÉRIFIÉ PAR
TG/SS	TG

DRAWN BY / DÉSSINÉ PAR	SCALE / ÉCHELLE
SS	1 : 500

DETAIL NUMBER
1 DRAWING TITLE
SCALE:
SHEET NUMBER

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ARCHITECT / ARCHITECTE	CONSULTANT / EXPERT-CONSEIL

CONSULTANT / EXPERT-CONSEIL	CONSULTANT / EXPERT-CONSEIL

PROJECT / LOCATION / PROJET / ENDROIT

OTC ZEB-New Garage

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OTTAWA, ONTARIO

DRAWING / DESSIN

PRE DEVELOPMENT DRAINAGE AREAS

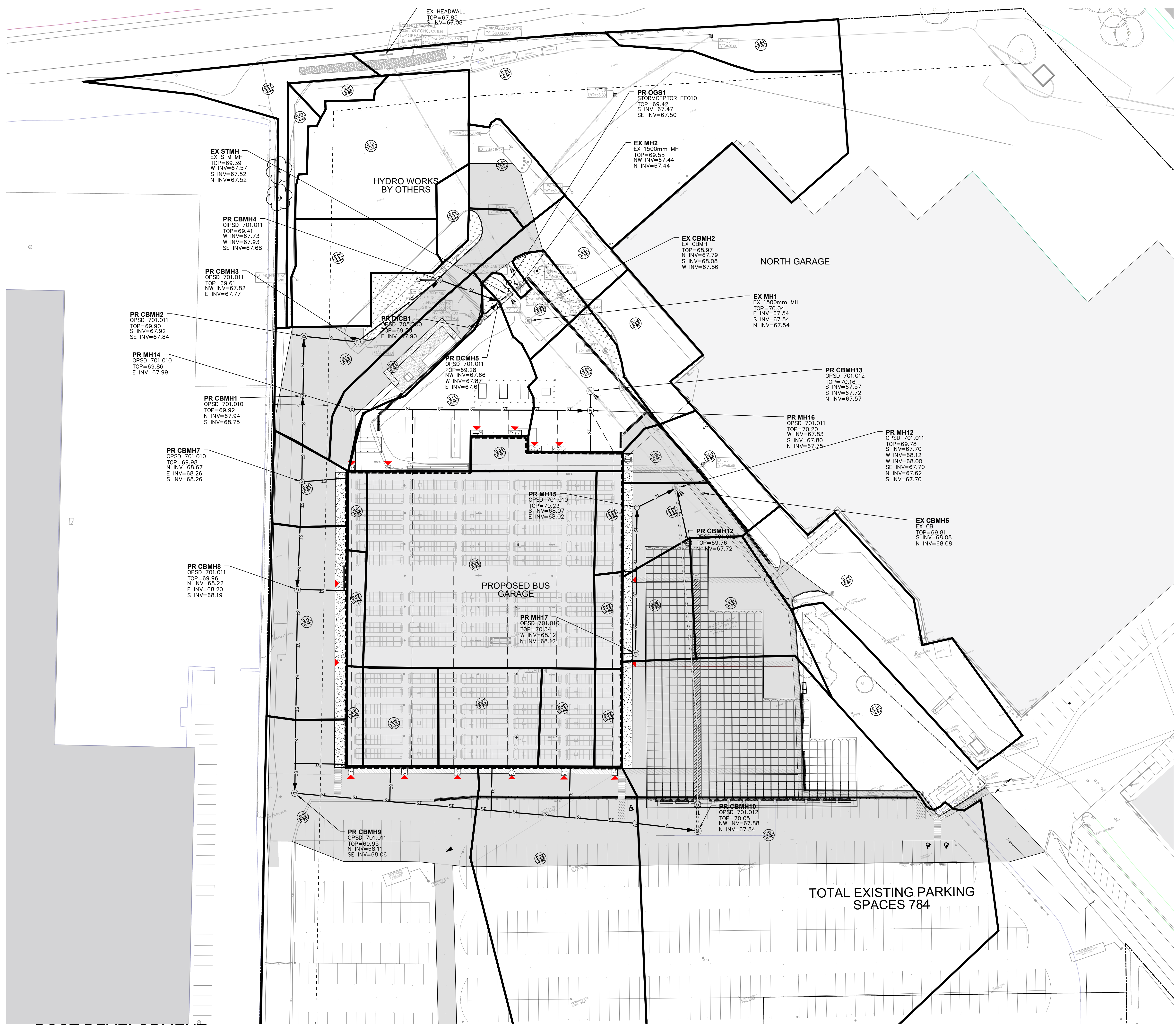
BUSINESS ENTITY / NUMÉRO DE L'ENTITÉ
BUILDING NUMBER / NUMÉRO DU BÂTIMENT

OMF1

CITY PROJECT NO. / NUMÉRO DE PROJET
60716350

SHEET NO. / FEUILLE NO.
C014

File Number D07-12-25-0095
Plan Number 19357



LEGEND

- ST — EX STORM SEWER
- SAN — EX SANITARY SEWER
- EX — EX WATERMAIN
- PS — PROP STORM SEWER
- SS — PROP SANITARY SEWER
- WM — PROP WATERMAIN



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FOR / POUR
Client - Department
**Infrastructure and Water Services Department
Design & Construction**



PRIME:
AECOM Canada Architects Ltd.
50 Spadina Avenue, Suite 290
Kitchener, Ontario, N2P 0A4



SUBCONSULTANT:
GRC ARCHITECTS INC.
47 Clarence Street, Suite 401
Ottawa, Ontario, K1N 9K1

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NO.	ISSUED FOR	DATE	TG
9	ISSUED FOR ECA & SPA SUBMISSIONS	2025/12/26	TG
8	SUBMITTED FOR ECA & SPA SUBMISSIONS	2025/12/26	TG
7	ISSUED FOR 100% CONTRACT DOCUMENTATION/TENDER	2025/11/14	TG
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2	RESUBMITTED FOR SCHEMATIC DESIGN	2024/09/27	TG
1	ISSUED FOR SCHEMATIC DESIGN	2024/03/28	TG

DESIGNED BY / CONÇU PAR	CHECKED BY / VÉRIFIÉ PAR
TG/SS	TG

DRAWN BY / DÉSSINÉ PAR	SCALE / ÉCHELLE
SS	1 : 500

DETAIL NUMBER: **1** DRAWING TITLE: **DRAINAGE AREAS** SHEET NUMBER:

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ARCHITECT / ARCHITECTE: CONSULTANT / EXPERT-CONSEIL

CONSULTANT / EXPERT-CONSEIL: CONSULTANT / EXPERT-CONSEIL

PROJECT / LOCATION / PROJET / ENDROIT: **OTC ZEB-New Garage**

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OTTAWA, ONTARIO

DRAWING / DESSIN: **POST DEVELOPMENT DRAINAGE AREAS**

BUSINESS ENTITY / NUMÉRO DE L'ENTITÉ: **OMF1** SHEET NO. / FEUILLE NO.: **C015**

CITY PROJECT NO. / NUMÉRO DE PROJET: **60716350** CONS. PROJECT NO. / NUMÉRO DE PROJET: **19357**

File Number D07-12-25-0095
Plan Number 19357

1 POST DEVELOPMENT DRAINAGE AREAS

SCALE: 1 : 500