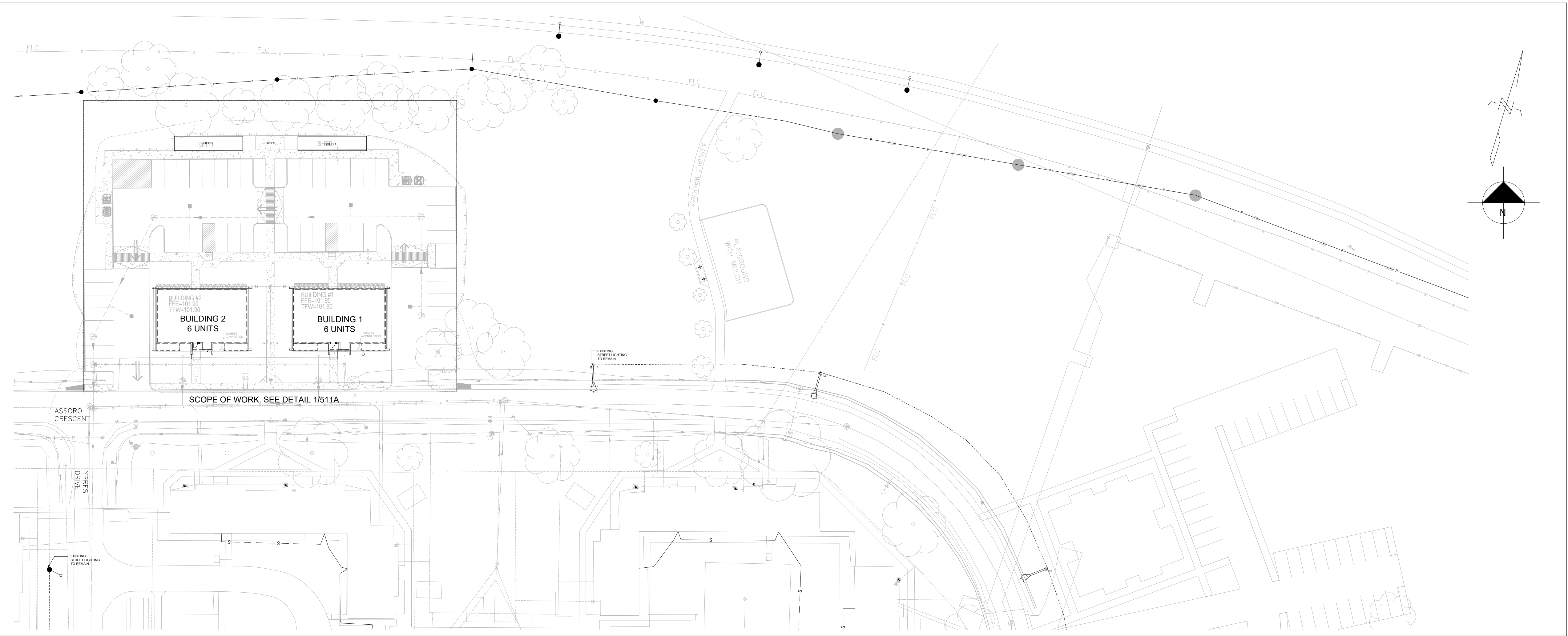
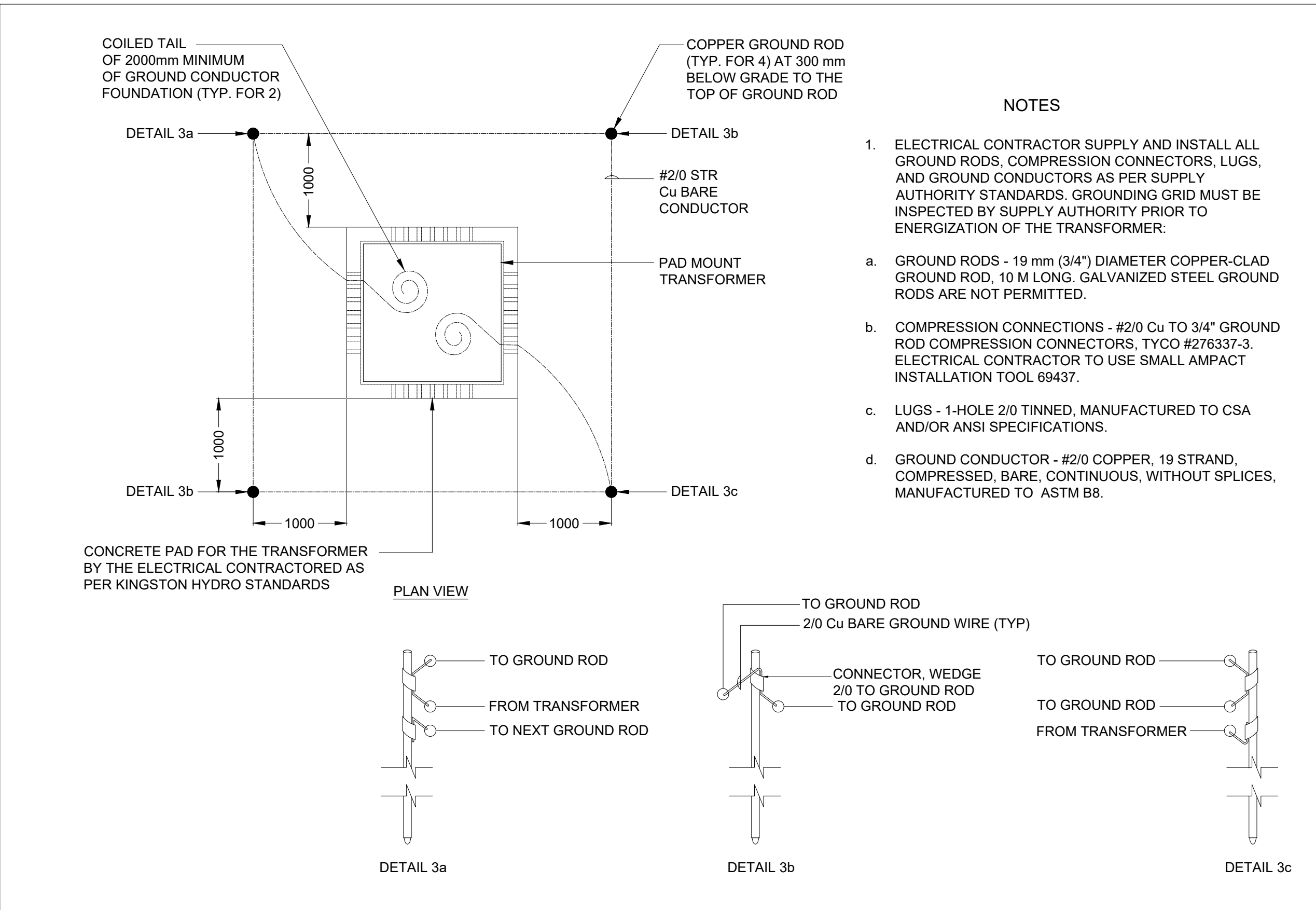
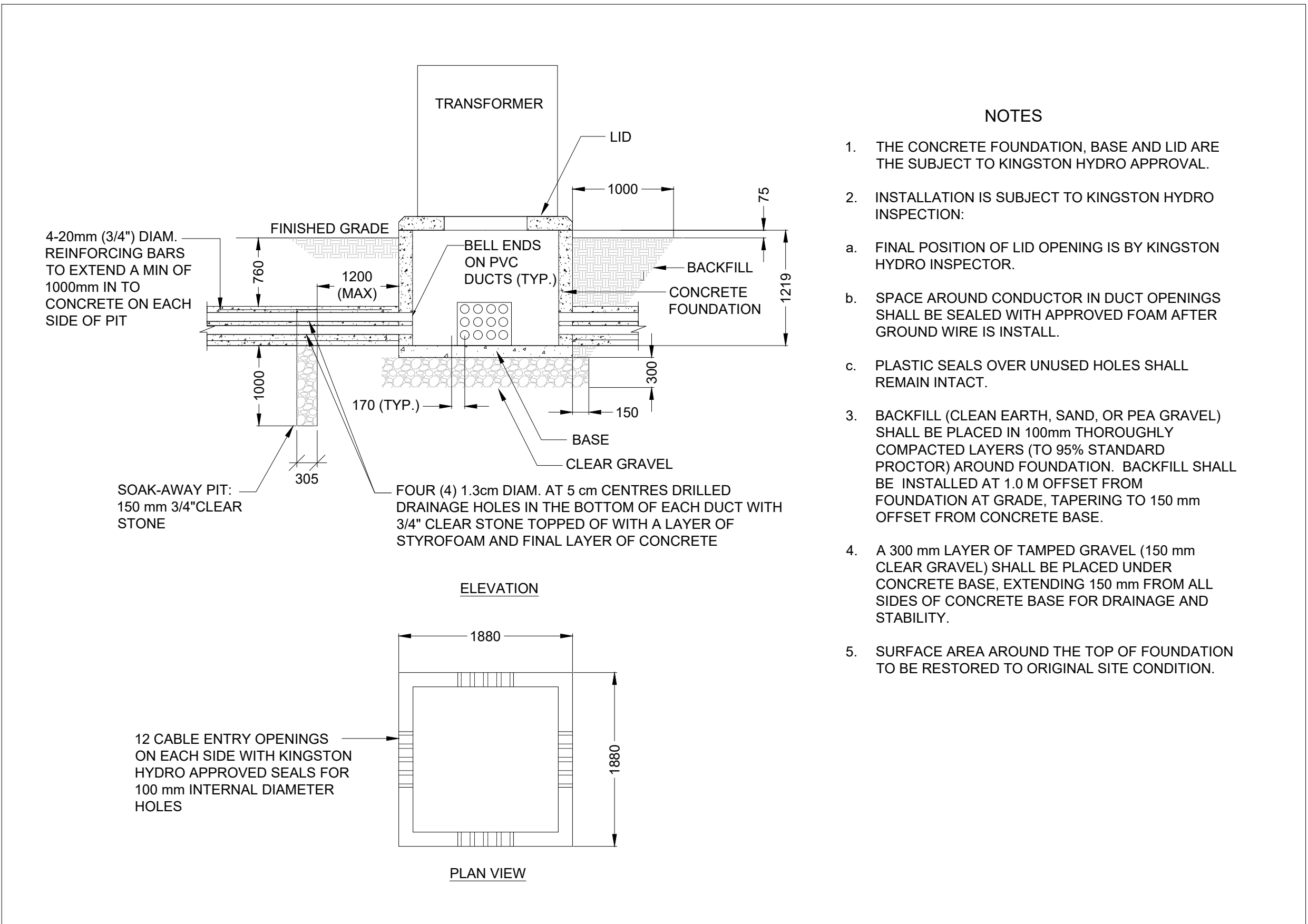




1 KINGSTON - BUILDINGS 1 & 2 KEY PLAN



3 PAD MOUNT TRANSFORMER GROUNDING DETAIL



2 PAD MOUNT TRANSFORMER CONCRETE BASE TYPICAL DETAIL

LIGHTING FIXTURES SCHEDULE											
TAG NUMBER	IMAGE	LAMP TYPE	FIXTURE WATTS	COLOR TEMP.	CRI	FIXTURE LUMENS	VOLTS	BALLAST/ DRIVER	DESCRIPTION	MOUNTING	REMARKS
LS1		LED	TBD	3000	>70	TBD	120	0-10V DIMMING	POLE MOUNTED LED LIGHTING FIXTURE TO MEET DARK SKY COMPLIANT AND CITY OF KINGSTON REQUIREMENTS.	POLE	FIXTURE TYPE, INSTALLATION AND CONNECTION TO BE COORDINATED WITH KINGSTON HYDRO. THIS CONTRACTOR TO OBTAIN STANDARD DRAWINGS AND DOCUMENTATION FROM CITY OF KINGSTON. CONTACT SEAN KOESTER @ SKOESTER@KINGSTON-ON.CA OR BY PHONE 845-334-3969.

DRAWING LIST	
DRAWING NUMBER	TITLE
L-KN-ZKN99-510-A	LEGEND OF SYMBOLS, KEY PLAN AND DETAILS
L-KN-ZKN99-511-A	ELECTRICAL SITE PLAN, NOTES AND DETAILS

LEGEND OF SYMBOLS	
SYMBOL	DESCRIPTION
XX XX-XX	DETAIL NUMBER DETAIL SHEET
AFF	ABOVE FINISHED FLOOR
WP	WEATHER PROOF
#	KEYNOTE
TYP.	TYPICAL
CW	COMPLETE WITH
UG	UNDERGROUND
N.T.S	NOT TO SCALE
N.I.C	NOT IN CONTRACT
MH	MANHOLE
	POWER AND/OR DISTRIBUTION TRANSFORMER
	SURFACE MOUNTED PANEL BOARD
	DISCONNECT SWITCH - NON-FUSIBLE
	FUSED DISCONNECT SWITCH
	PULL BOX
	DUPLEX RECEPTACLE (5-20R CSA CONFIGURATION)
L5-30R	SINGLE RECEPTACLE L5-30R DENOTES RECEPTACLE TYPE / CSA CONFIGURATION
	120/208V, 3P DIRECT CONNECTION TO EQUIPMENT
	WALL MOUNTED LIGHTING FIXTURE
	POLE MOUNTED LIGHTING FIXTURE
	GROUND ROD
	GROUND CONNECTION
	LOW VOLTAGE CIRCUIT BREAKER
	LOW VOLTAGE DISCONNECT SWITCH NUMBER DENOTES AMPERE RATING
	FUSE NUMBER DENOTES FUSE RATING
	DISTRIBUTION TRANSFORMER
KW	KW METER
P	EXISTING HYDRO PRIMARY FEEDERS
S	EXISTING HYDRO SECONDARY FEEDERS
SL	EXISTING STREET LIGHTING
SYMBOLS AND LEGEND AS APPLICABLE	



1	2025/01/24	ISSUED FOR TENDER	T.R
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE
AS NOTED

LOCATION | EMPLACEMENT
Canadian Forces Base (CFB)
KINGSTON, ON

PROJECT | PROJET

Canadian Forces Housing Agency
(CFHA) Apartment Buildings
Tier 4 6-plex

TRADE | MÉTIER
ELECTRICAL

DATE
2025/01/24

SUBJECT | SUJET

LEGEND OF SYMBOLS,
KEY PLAN AND DETAILS

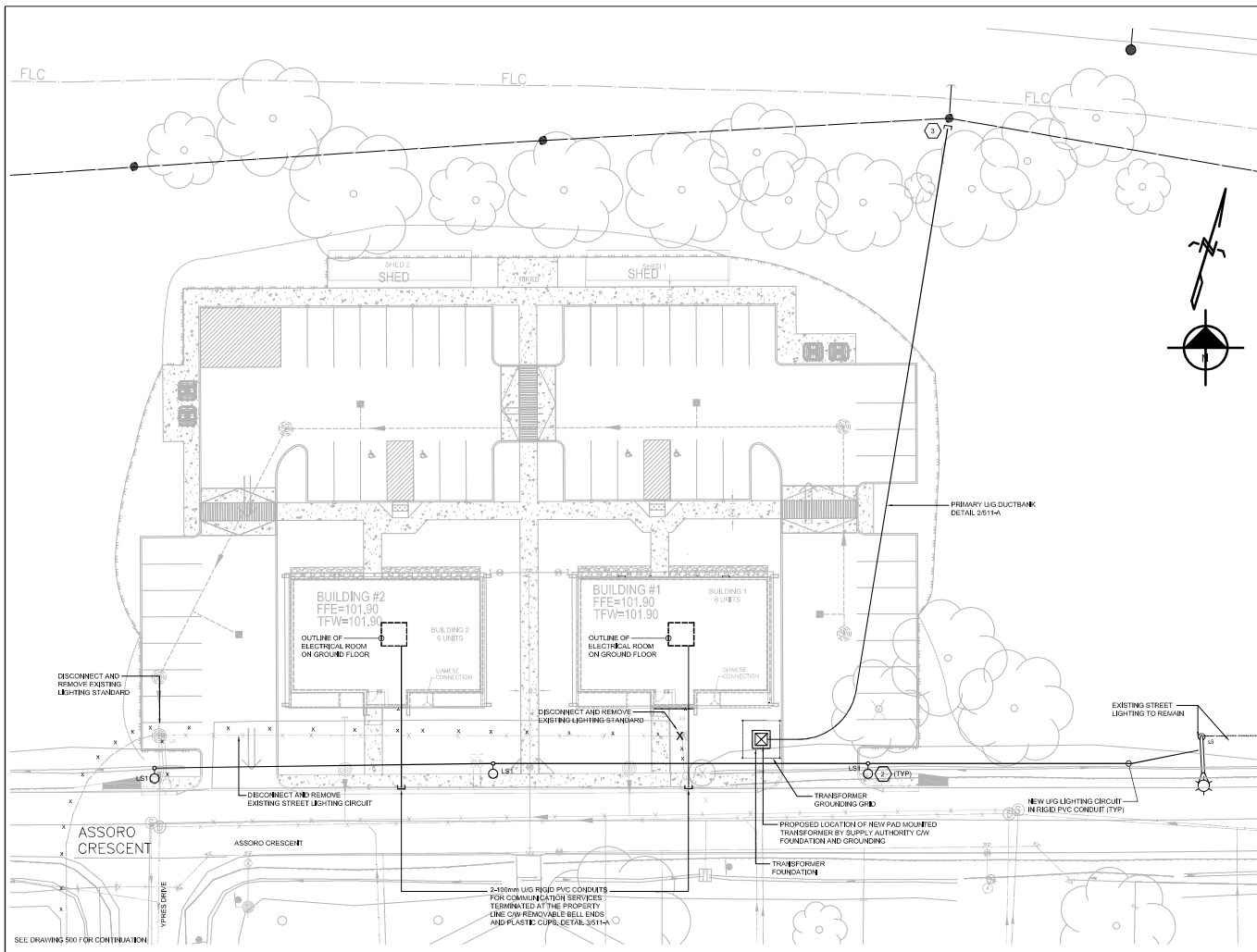
PRODUCTION	DESIGNED ÉTUDIÉ	REVIEWED REVU
T.R		DES O AGENT CONC
DRAWN Dessiné	CHECKED VÉRIFIÉ	COORDINATION
T.R		FIRE INCENDIE
S.R		

WBS NUMBER | NO. SRT
WBS #

PF NUMBER | NO. DP
ZKN99

DWG. NO. | NO. DESSIN

L-KN - ZKN99 - 510-A



- GENERAL NOTES
1. PRIOR TO STARTING THE WORK CONSULT WITH THE SUPPLY AUTHORITY AND COORDINATE THE CONSUMER SERVICE CONNECTION TO THEIR PAD MOUNT TRANSFORMER.
 2. THE SUPPLY AUTHORITY IS KINGSTON-HYDRO CORPORATION, PO BOX 780, KINGSTON ON K7L 1A7.
 3. PAY ALL COSTS, CHARGES AND FEES RELATED THEREOF, COMPLY WITH ALL SUPPLY AUTHORITY STANDARDS AND REQUIREMENTS (OWNER WILL PAY SERVICE CONNECTION COST DIRECTLY TO KINGSTON-HYDRO).
 4. THE SUPPLY AUTHORITY WILL PROVIDE (SUPPLY AND INSTALL) PAD MOUNTED TRANSFORMER, TRANSFORMER GROUNDING GRID, PRIMARY AND SECONDARY CABLES FROM POWER GRID TO THE TRANSFORMER IN UNDERGROUND DUCT BANK, PRIMARY AND SECONDARY CONNECTIONS AT THE TRANSFORMER, AND REVENUE METERS.
 5. THE ELECTRICAL CONTRACTOR TO PROVIDE (SUPPLY AND INSTALL) TRANSFORMER FOUNDATION, TRANSFORMER GROUNDING GRID, PRIMARY AND SECONDARY CABLES IN UNDERGROUND DUCT BANK FROM PAD MOUNTED TRANSFORMER AND CONNECTION TO CUSTOMER DISTRIBUTION EQUIPMENT.
 6. PAD MOUNTED TRANSFORMER, PRIMARY AND SECONDARY FEEDERS WILL BE OWNED AND OPERATED BY SUPPLY AUTHORITIES.
 7. KINGSTON-HYDRO APPROVAL INSPECTIONS FOR ALL THE ABOVE PRIOR TO AND DURING INSTALLATION.
 8. THE SUPPLY AND INSTALLATION OF PRODUCTS FOR, AND THE COORDINATION AND COOPERATION WITH THE SUPPLY AUTHORITY, INCLUDING OBTAINING THEIR STANDARDS WITH DRAWINGS TO ENSURE INSTALLATION IS IN ACCORDANCE WITH REQUIREMENTS, IS A REQUIREMENT OF THIS CONTRACT.
 9. ELECTRICAL CONTRACTOR TO VERIFY ON SITE EXACT LOCATION OF ALL EXISTING UNDERGROUND SERVICES PRIOR TO EXCAVATION FOR NEW INCOMING SERVICES INSTALLATION. CARRY OUT ALL TRENCH EXCAVATION IN STRICT CONFORMITY WITH ALL APPLICABLE ACTS AND BYLAWS. ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR ANY DAMAGE CAUSED BY THEIR COMPANY TO THE EXISTING UNDERGROUND SERVICES SUCH AS BUT NOT LIMITED TO HIGH VOLTAGE, TELEPHONE, CABLE TV, GAS, COLD WATER, SPRINKLER, SEWER, STORM, ETC.
 10. ELECTRICAL CONTRACTOR TO REPLACE PORTION OF EXISTING STREET LIGHTING WITH NEW TO SUPPORT NEW ROAD ENTRANCES AND PARKING LOT, STREET LIGHTING TO COMPLY WITH CITY OF KINGSTON STANDARDS.

Government of Canada / Gouvernement du Canada

LEVEL OF SECURITY / NIVEAU DE SÉCURITÉ: UNCLASS

This design is an instrument of service and is intended to be reviewed by the client. It is not to be used for any other purpose without the express written consent of the consultant.

As project leader and as the person in charge, I warrant that the design is in accordance with the applicable standards and regulations, and that I am not providing any false or misleading information.

REPUBLIC ARCHITECTURE INC.

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Windsor, MB R3C 2N1
T 204 989 0102
F 204 989 0084
www.republicarchitecture.ca

PROFESSIONAL ENGINEER
S. J. STODPS
100502277
2025-01-03
PROVINCE OF ONTARIO

NO.	DATE	REVISION	APPROVED
1	2025/01/24	ISSUED FOR TENDER	LR
2	2025/01/24	ISSUED FOR TENDER	LR

SCALE: AS NOTED

LOCATION: EMPLACEMENT
Canadian Forces Base (CFB)
KINGSTON, ON

PROJECT: PROJECT
Canadian Forces Housing Agency (CFHA) Apartment Buildings
Tier 4 6-plex

TRADE: ELECTRICAL
DATE: 2025/01/24
SUBJECT: ELEC

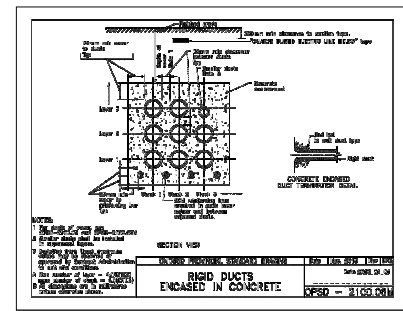
ELECTRICAL SITE PLAN, NOTES AND DETAILS

DESIGNED ÉTUDE	REVIEWED REVU	DESIGNED AGENT CONC
LR		
DRAWN Dessine		PRO MGR GÉST PROJ
TR		
CHECKED VÉRIFIÉ		DES MGR GÉST CONC
SR		
COORDINATION		FILE INCIDENCE
REPUBLIC		
WBS #	WBS NUMBER NO. SRT	OFF NUMBER NO. OP
DWG. NO. NO. Dessin		L-KN - ZKN99 - 511-A

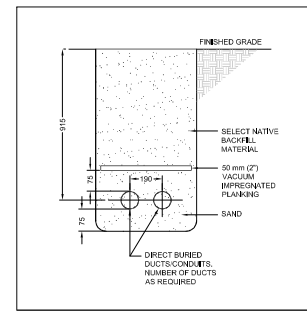
Canada

1 KINGSTON - BUILDINGS 1 & 2 SITE PLAN
SCALE: 1:200

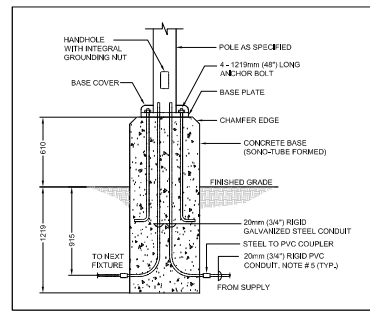
- KEY NOTES
1. FOR FEEDERS FROM PAD MOUNTED TRANSFORMER TO THE BUILDING ELECTRICAL ROOMS, PARKING LIGHTING AND FEEDSTALS SEE BUILDING PACKAGE DRAWING L-KN-2019-008-B.
 2. LIGHTING FIXTURE TYPE LS1 TO BE CONNECTED TO KINGSTON-HYDRO STREET LIGHTING CIRCUIT. IF FIXTURES TYPE, POLES, INSTALLATION REQUIREMENTS TO BE AS PER CITY OF KINGSTON AND KINGSTON-HYDRO REQUIREMENTS AND STANDARDS AND TO THEIR APPROVAL.
 3. EXACT TERMINATION POINT OF PRIMARY DUCT BANK AT THE EXISTING POWER POLE TO BE COORDINATED WITH KINGSTON-HYDRO AND TO THEIR APPROVAL.



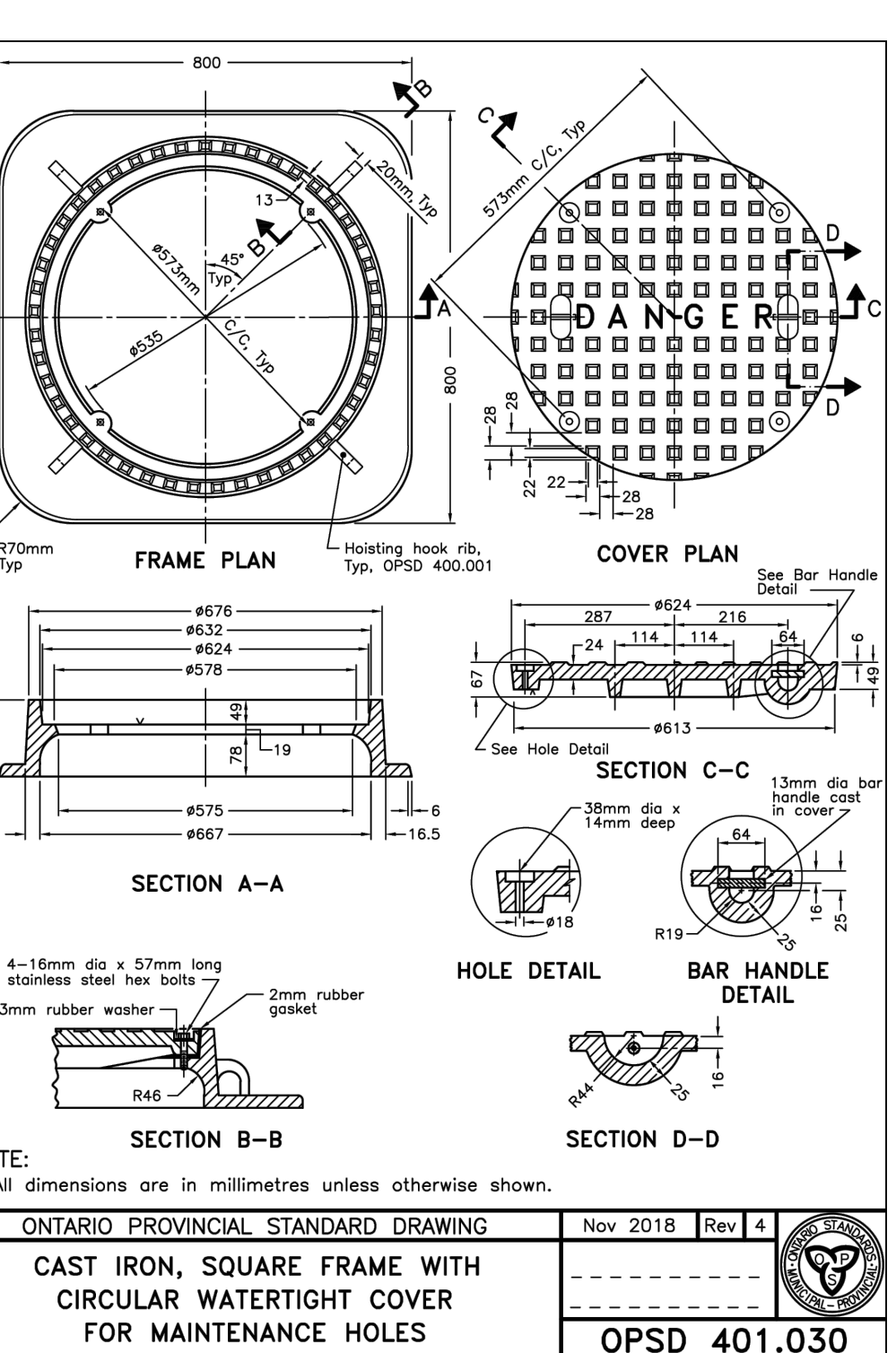
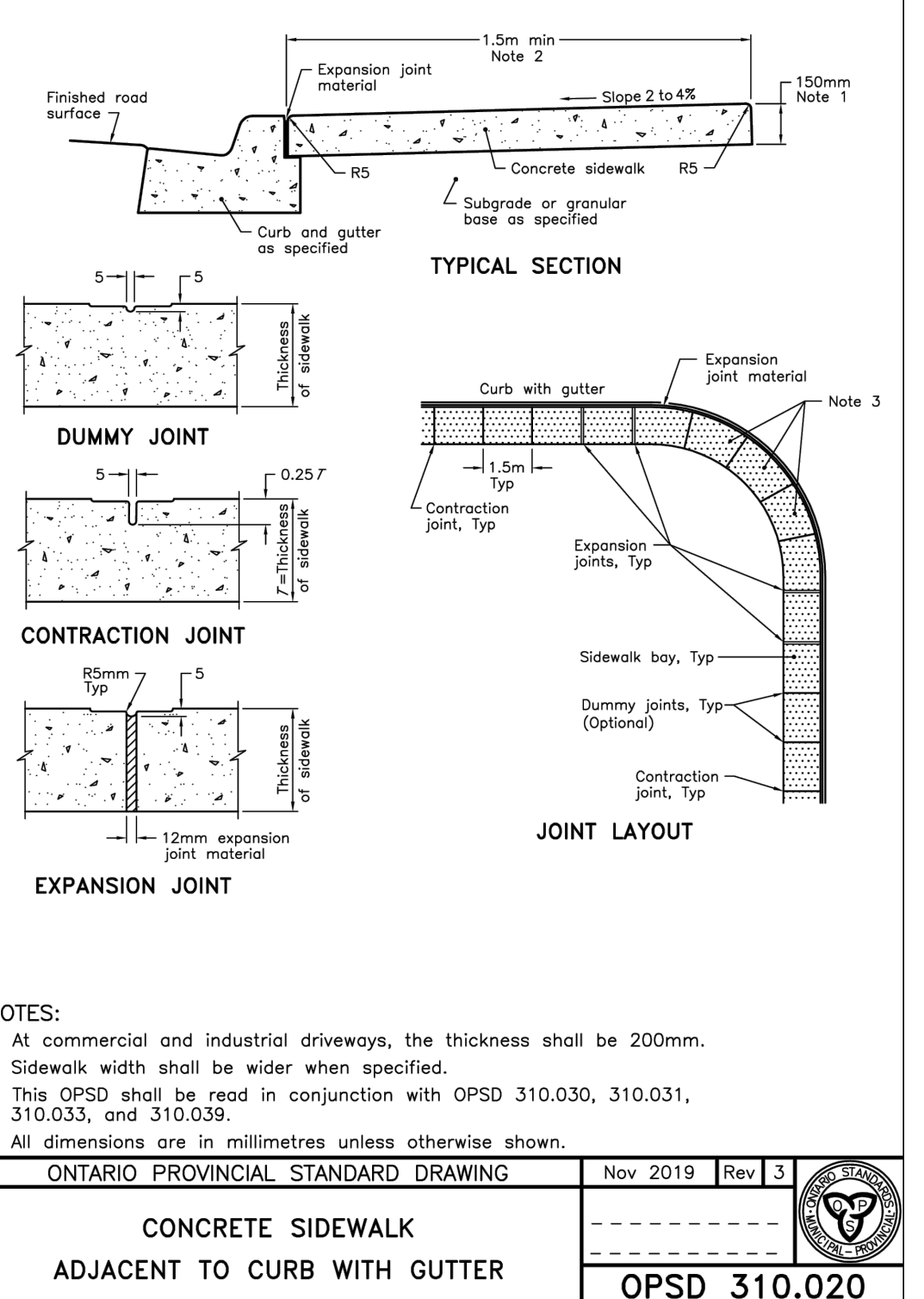
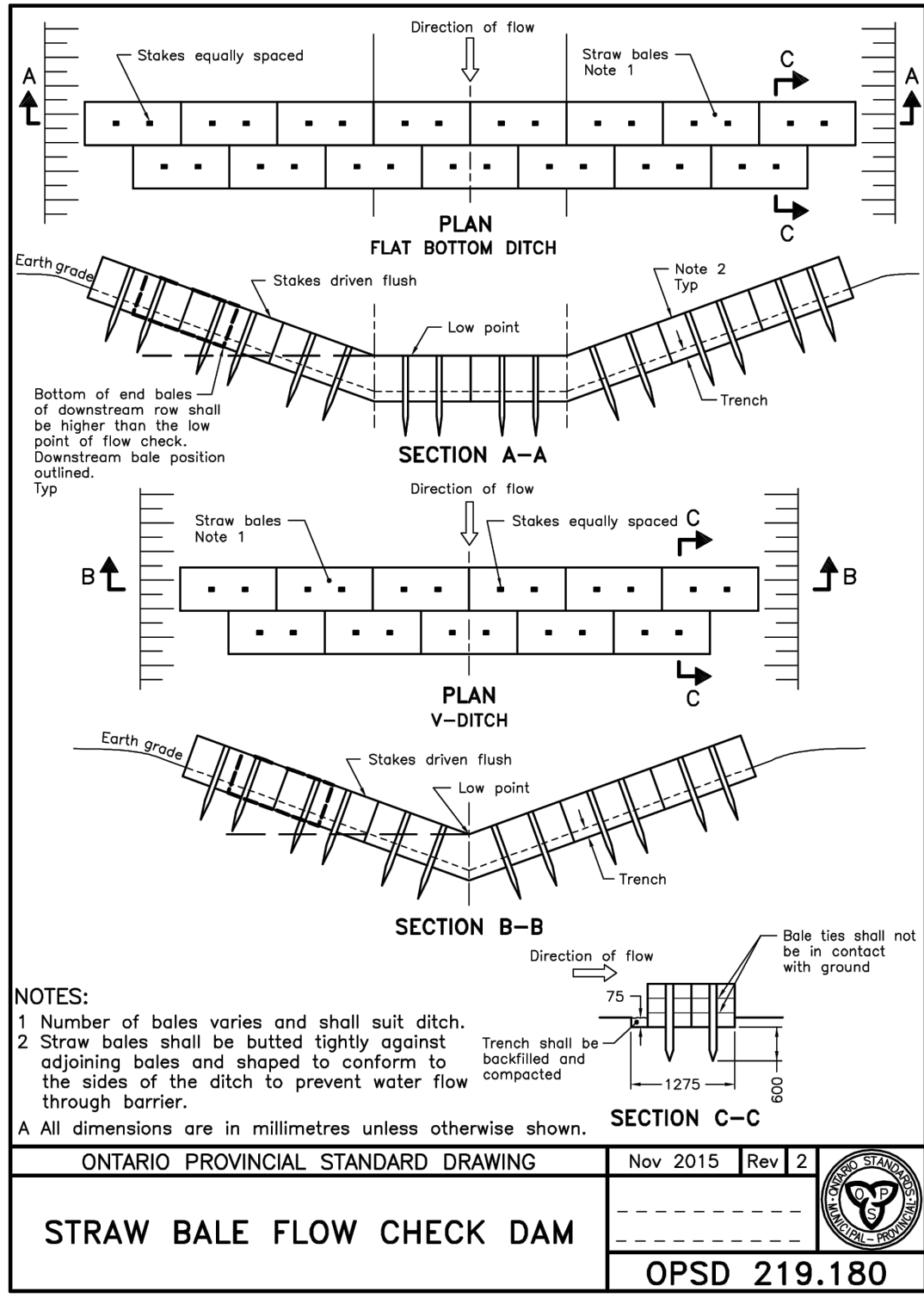
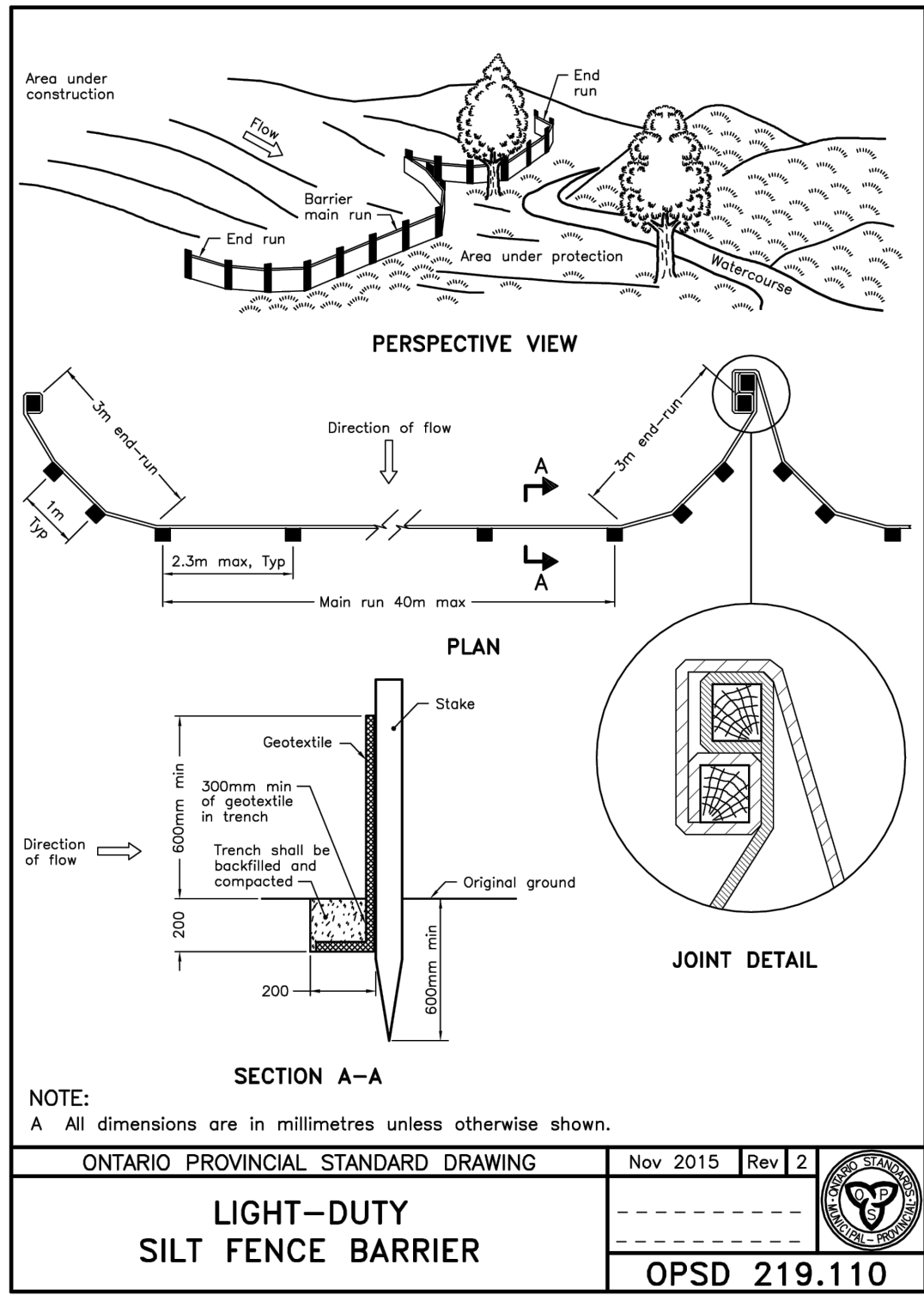
2 UNDERGROUND DUCT BANK - PRIMARY
SCALE: 1:10

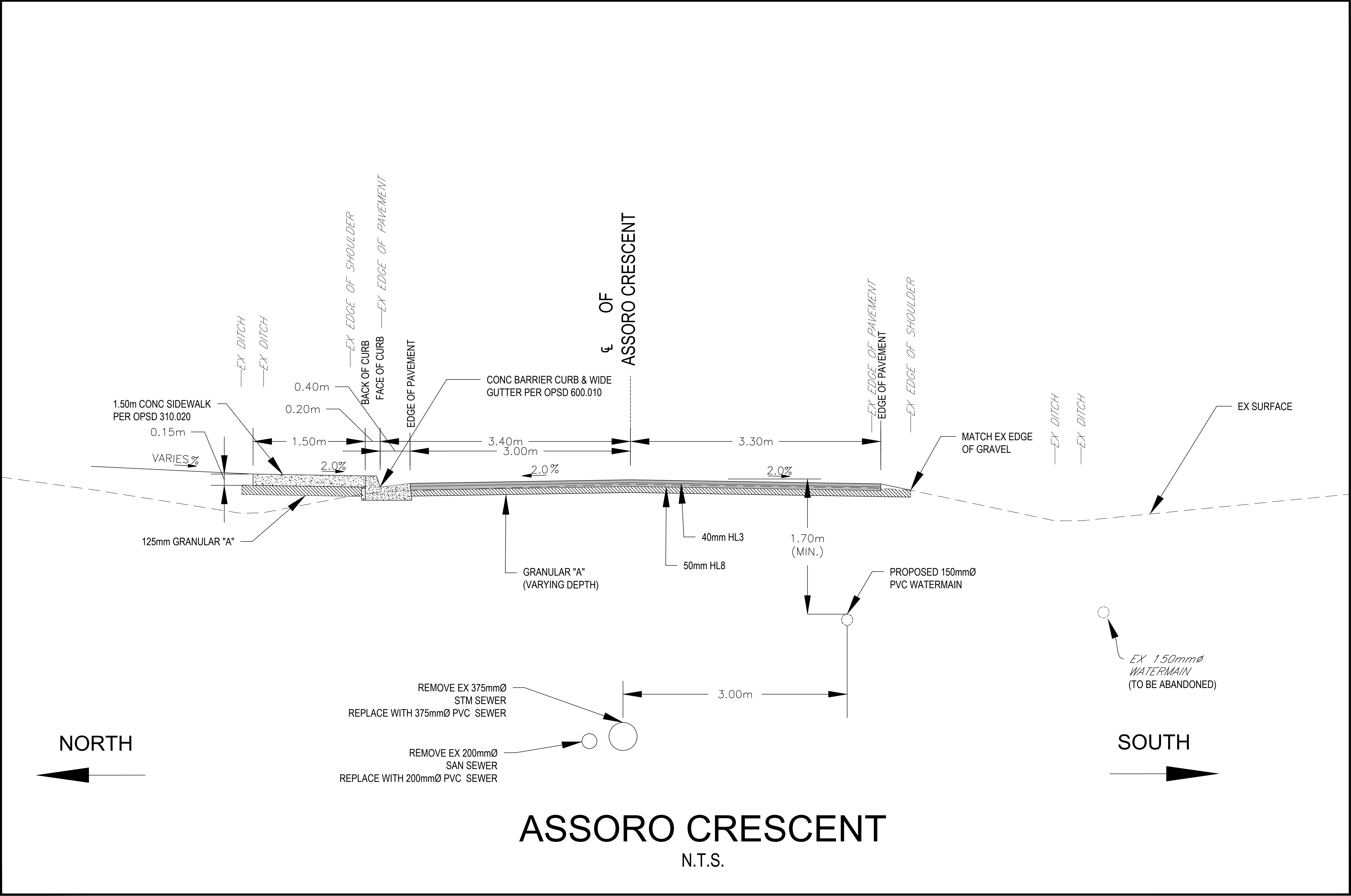


3 UNDERGROUND DUCTS
SCALE: 1:10



4 LIGHTING POST BASE DETAIL
SCALE: 1:10





1	2025/01/24	ISSUED FOR TENDER	JX
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE
1:25

LOCATION | EMPLACEMENT
Canadian Forces Base (CFB)

KINGSTON, ONTARIO

PROJECT | PROJET
Canadian Forces Housing Agency (CFHA) Apartment Buildings
Tier 4 6-Plex

TRADE MÉTIER 6	DATE 2024/10/25
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SUBJECT | SUJET
TYPICAL CROSS SECTION

PRODUCTION	DESIGNED ÉTUDIÉ JX	REVIEWED REVU XX XX	DES O AGENT CONC DES MGR GEST PROJ DES MGR GEST CONC
DRAWN DESSINÉ JX	CHECKED VÉRIFIÉ AAF/JX	COORDINATION	FIRE INCENDIE

WBS NO. NO. OTP	PF NO. NO. DP ZKN99
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DWG. NO. | NO. DESSIN
L - KN - ZKN99 - 602 - A



LEVEL OF SECURITY | NIVEAU DE SÉCURITÉ
TO BE REVIEWED | À ÊTRE RÉVISÉ

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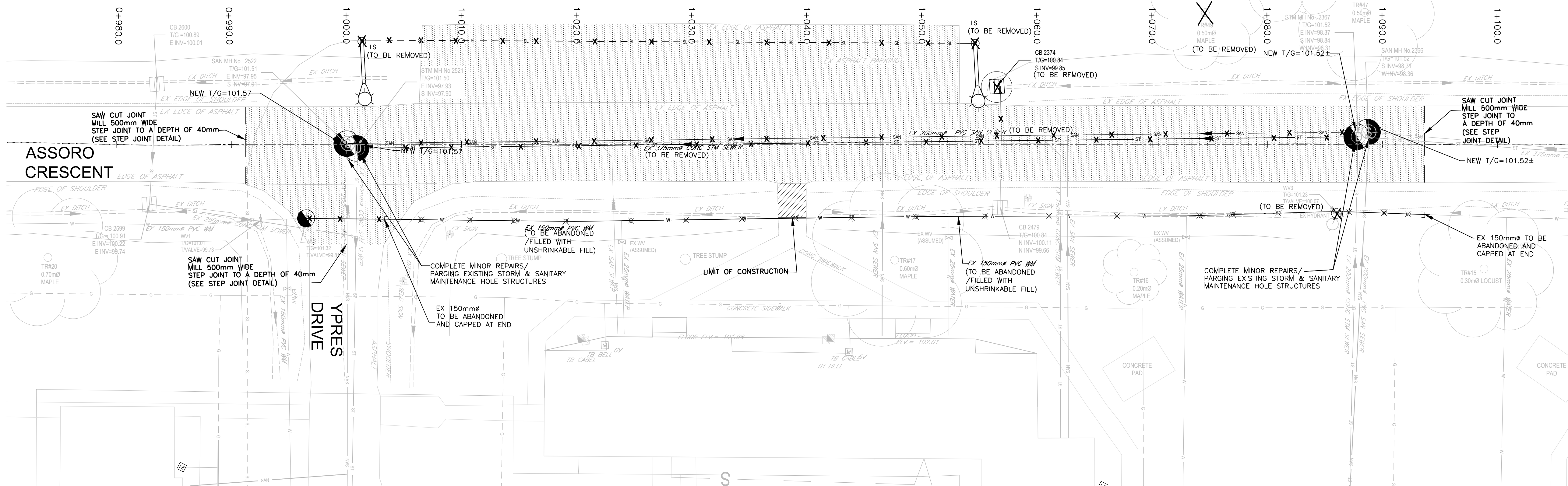
Ainley
GROUP
CONSULTING ENGINEERS PLANNERS

2724 Fenton Road
Ottawa, Ontario
K1T 3T7
Telephone: (613) 822-1010
Fax: (613) 822-1573

 Professional Engineers
Ontario
JANUARY 24, 2025
Limited Licensee
Name: J.W.XU
Number: 100171806
Category: CIVIL: see limitation
Limitations: *J.W.XU*
This licence is subject to the limitations as detailed on the certificate.
Association of Professional Engineers of Ontario



	ASPHALT ROAD REMOVAL
	CONCRETE REMOVAL
	REMOVE EX SAN SEWER
	REMOVE EX STM SEWER
	REMOVE EX WATERMAIN
	EX WATERMAIN TO BE ABANDONED
	REMOVE EX STREET LIGHT
	REMOVE EX LIGHT POLE
	MANHOLE & WV ADJUST



1	2025/01/24	ISSUED FOR TENDER	JX
NO.	DATE	REVISION	APP

SCALE | ÉCHELLE
1:200

LOCATION | EMPLACEMENT

Canadian Forces Base (CFB)

KINGSTON, ONTARIO

PROJECT | PROJET

Canadian Forces Housing Agency
(CFHA) Apartment Buildings
Tier 4 6-Plex

TRADE MÉTIER	DATE
6	2024/10/25

SUBJECT | SUJET

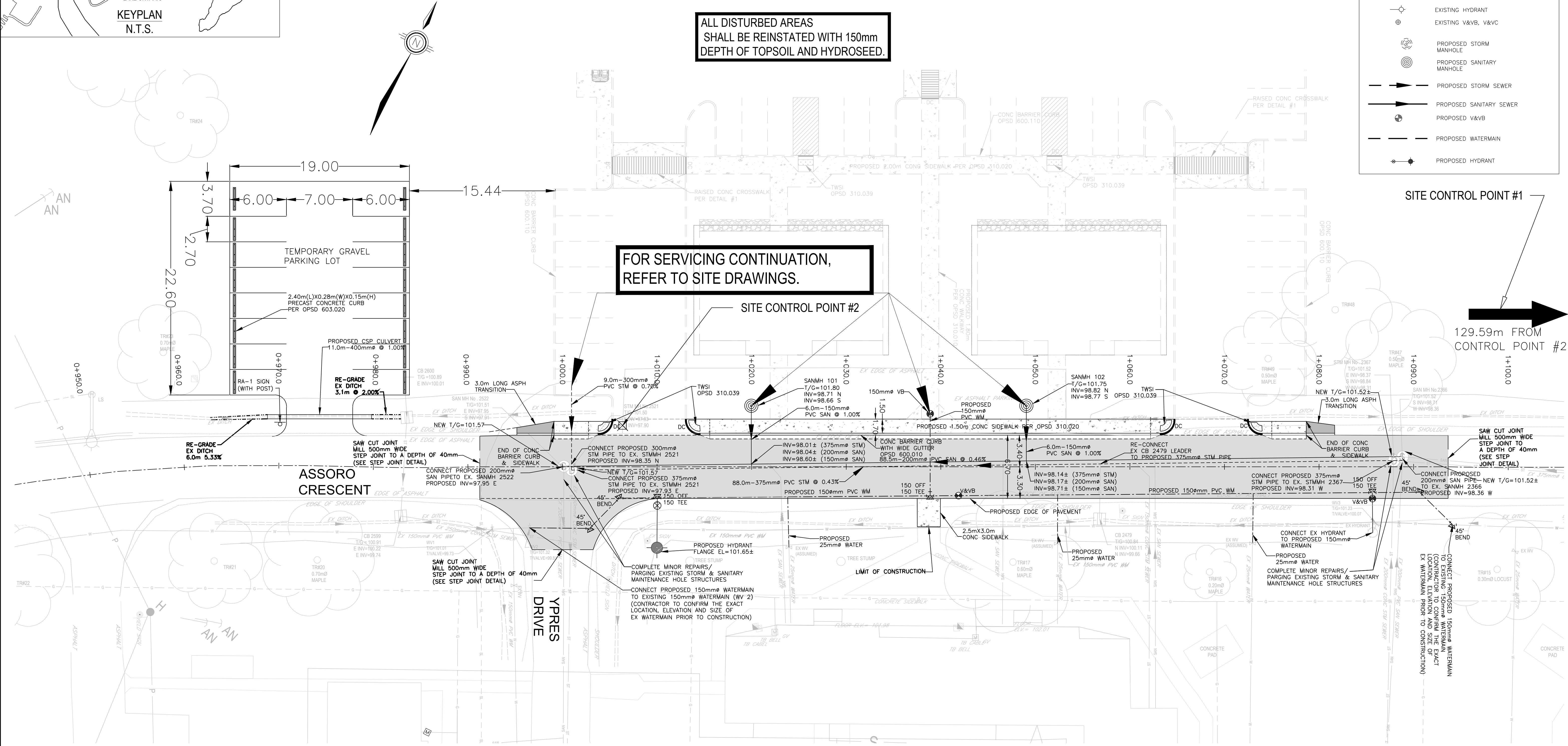
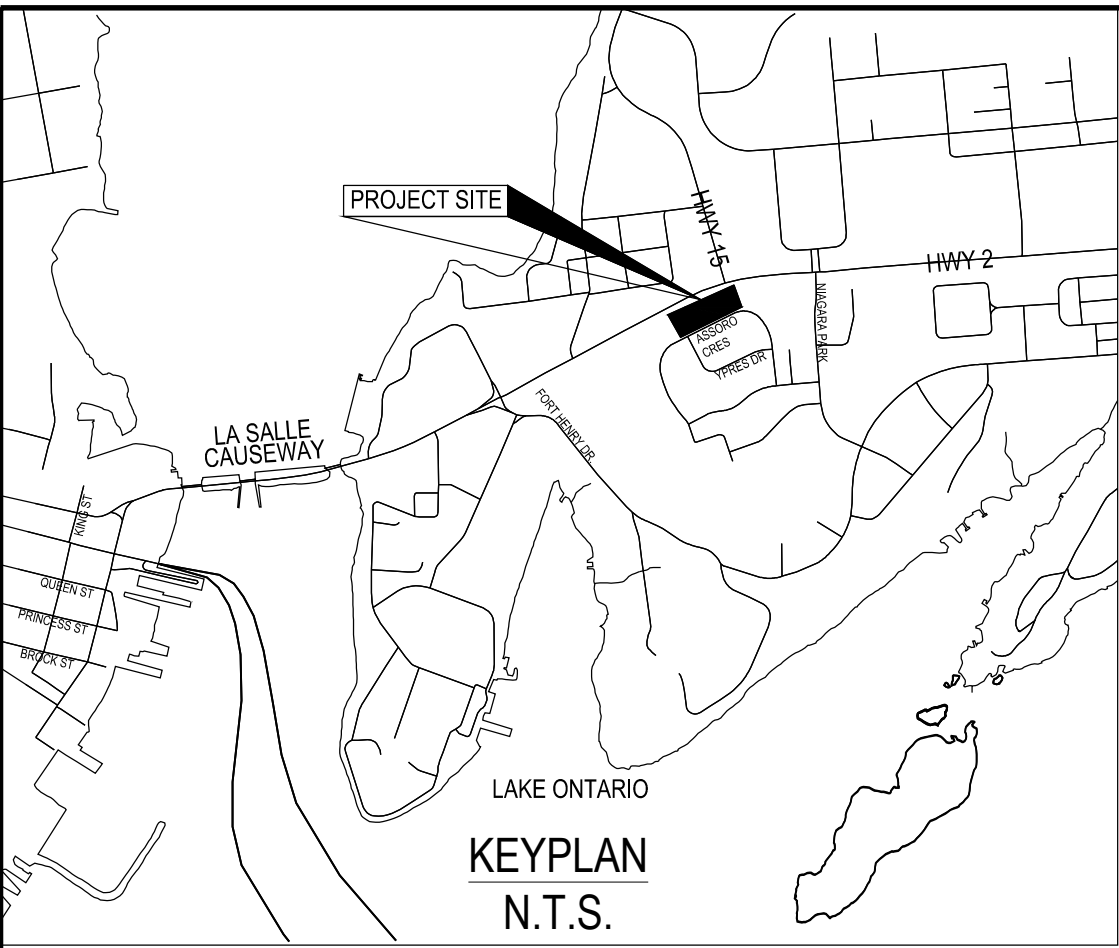
REMOVAL PLAN

PRODUCTION	REVIEWED REVU	
DESIGNED ÉTUDIÉ JX	XX XX	DES O AGENT CONCO
DRAWN DESSINÉ CK		PROJ MGR GEST PR
CHECKED VÉRIFIÉ AAF/JX		DES MGR GEST CON
COORDINATION		FIRE INCENDIE

WBS NO. NO. OTP	PF NO. NO. DP ZKN99
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L - KN - ZKN99 - 603 -

Canada



THE CONTRACTOR TO CONFIRM LOCATION(S) AND ELEVATION(S) OF EXISTING SERVICES AND STRUCTURES TO BE CONNECTED TO AND EXISTING SERVICES THAT MAY CAUSE CONFLICT PRIOR TO CONSTRUCTION OF ANY NEW SEWER, WATER AND /OR STORM WATER WORKS. DCC REPRESENTATIVE SHALL BE INFORMED IMMEDIATELY OF ANY ERRORS, DISCREPANCIES, CONFLICTS, OMISSIONS etc THAT ARE FOUND.

RE-CONNECT ALL EXISTING SANITARY LATERALS TO THE PROPOSED 200mmØ SANITARY SEWER

RE-CONNECT ALL EXISTING STORM LATERALS TO THE PROPOSED 375mmØ STORM SEWER

RE-CONNECT ALL EXISTING WATER SERVICES TO THE PROPOSED 150mmØ WATERMAIN

TRENCH REINSTATEMENT TO INCLUDE 400mm OF OPSS GRANULAR "B" TYPE II & 150mm OF OPSS GRANULAR "A".

STORM MAINTENANCE HOLE DATA									
NO.	NORTHING	EASTING	COVER	STRUCTURE	T/GRATE	ELEVATION			
						N INV.	E INV.	S INV.	W INV.
EX STMMH 2521	---	---	---	---	---	98.35	97.93	97.90	---
EX STMMH 2367	---	---	---	---	---	---	98.37	98.84	98.31

SANITARY MAINTENANCE HOLE DATA									
NO.	NORTHING	EASTING	COVER	STRUCTURE	T/GRATE	ELEVATION			
						N INV.	E INV.	S INV.	W INV.
EX SANMH 2522	---	---	---	---	---	---	97.95	97.91	---
EX SANMH 2366	---	---	---	---	---	---	---	98.71	98.36
SANMH 101	4899403.2627	383457.2038	401.030	701.010	101.80	98.71	---	98.66	---
SANMH 102	4899416.2534	383483.2243	401.030	701.010	101.75	98.82	---	98.77	---

LEGEND	
	EXISTING SANITARY SEWER
	EXISTING WATERMAIN
	EXISTING STORM SEWER
	EXISTING FENCE
	EXISTING HYDRO POLE/LIGHT STANDARD
	EXISTING CATCHBASIN
	EXISTING GASMAIN
	EXISTING UNDERGROUND HYDRO
	EXISTING UH FA
	EXISTING UT COM
	EXISTING HYDRANT
	EXISTING V&B, V&VC
	PROPOSED STORM MANHOLE
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM SEWER
	PROPOSED SANITARY SEWER
	PROPOSED V&B
	PROPOSED WATERMAIN
	PROPOSED HYDRANT

LEVEL OF SECURITY | NIVEAU DE SÉCURITÉ
TO BE REVIEWED | À ÊTRE RÉVISÉ

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Ainley GROUP
CONSULTING ENGINEERS PLANNERS

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Ottawa, Ontario
K1T 3T7
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Fax: (613) 822-1573

Professional Engineers
Ontario
Limited License
Name: J.W.XU
Number: 100171806
Category: CPE - see limitation
Limitations:
This license is subject to the limitations as detailed on the certificate.
Association of Professional Engineers of Ontario



SITE CONTROL POINT #1
129.59m FROM CONTROL POINT #2

1	2025/01/24	ISSUED FOR TENDER	JX
NO.	DATE	REVISION	APPR.

SCALE | ÉCHELLE
1:200

LOCATION | EMPLACEMENT
Canadian Forces Base (CFB)

KINGSTON, ONTARIO

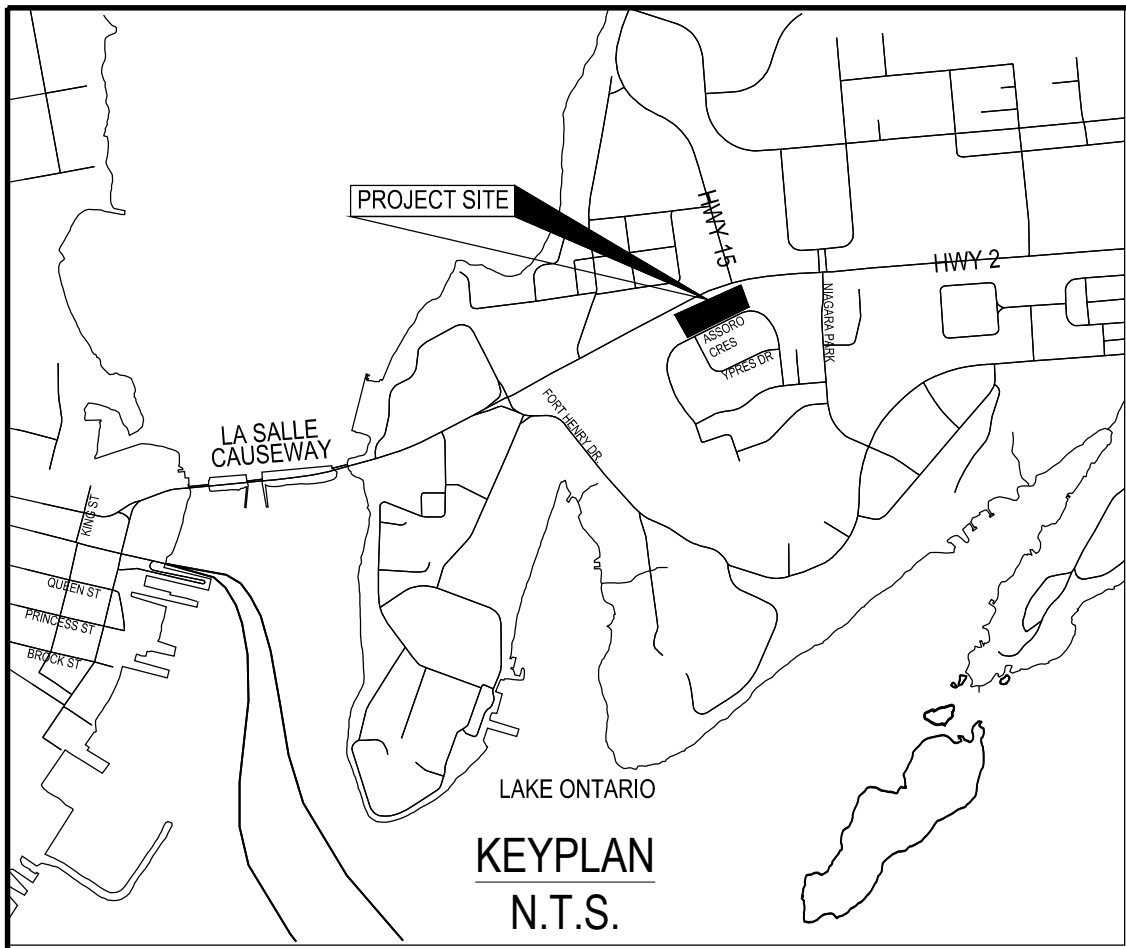
PROJECT | PROJET
Canadian Forces Housing Agency (CFHA) Apartment Buildings
Tier 4 6-Plex

TRADE MÉTIER	DATE
6	2024/10/25

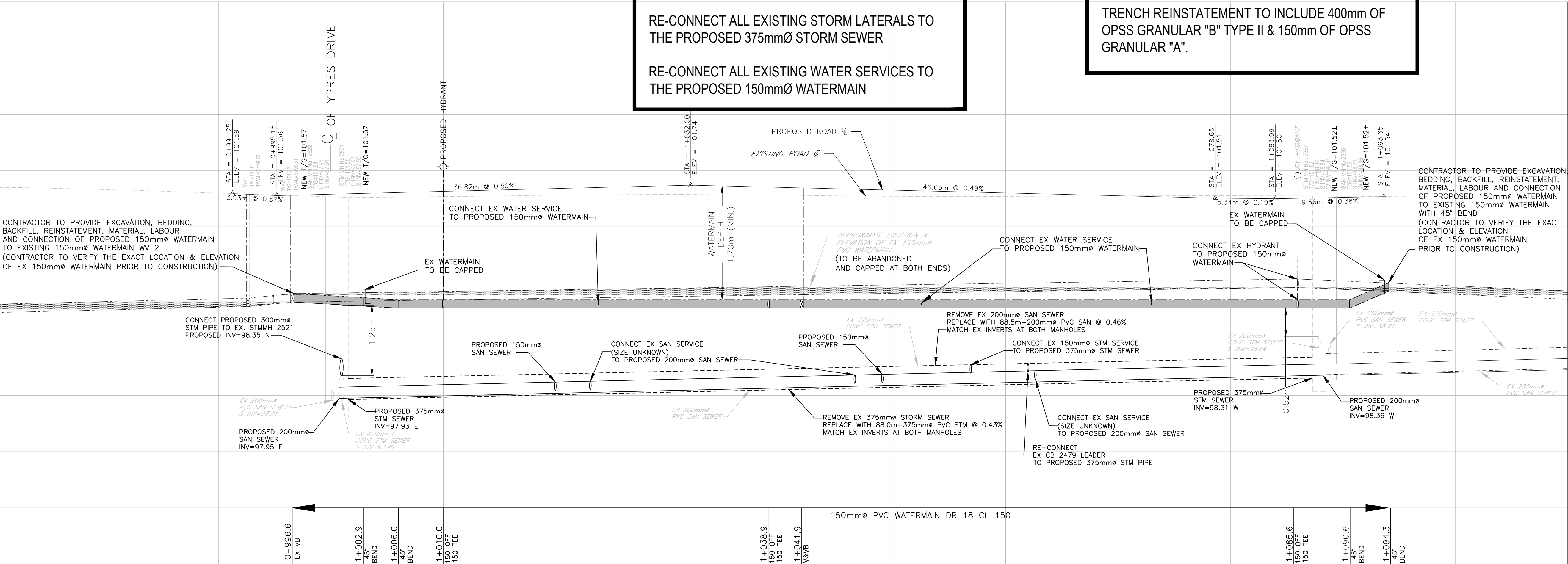
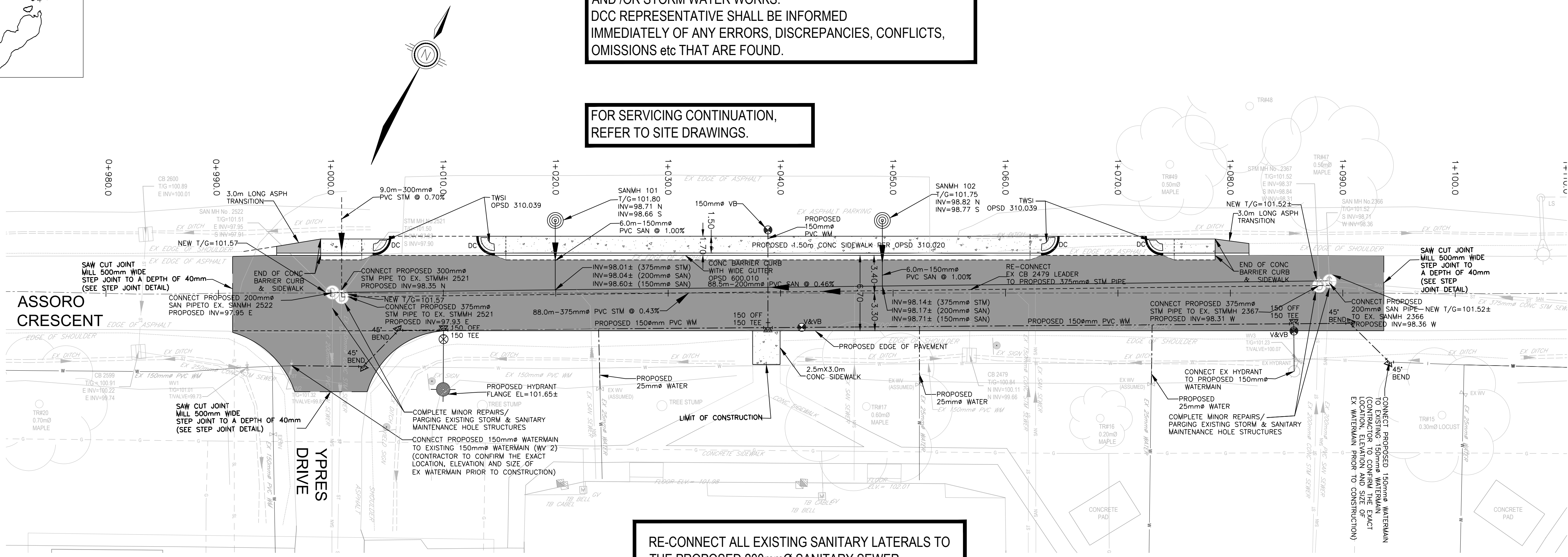
SUBJECT | SUJET
SITE SERVICING PLAN

PRODUCTION	DESIGNED ETUDIÉ	REVIEWED REVU
JX	XX XX	DES O AGENT CONC
DRAWN DESSINÉ	CHECKED VÉRIFIÉ	COORDINATION
JX	AAF/JX	FIRE INCENDIE

WBS NO. NO. OTP	PF NO. NO. DP
	ZKN99
DWG. NO. NO. DESSIN	L - KN - ZKN99 - 604 - A



LEGEND	
	EXISTING SANITARY SEWER
	EXISTING WATERMAIN
	EXISTING STORM SEWER
	EXISTING FENCE
	EXISTING HYDRO POLE/LIGHT STANDARD
	EXISTING CATCHBASIN
	EXISTING GASMAIN
	EXISTING UNDERGROUND HYDRO
	EXISTING UH FA
	EXISTING UT COM
	EXISTING HYDRANT
	EXISTING V&VB, V&VC
	PROPOSED STORM MANHOLE
	PROPOSED SANITARY MANHOLE
	PROPOSED STORM SEWER
	PROPOSED SANITARY SEWER
	PROPOSED V&VB
	PROPOSED WATERMAIN
	PROPOSED HYDRANT



PROPOSED ROAD CL ELEVATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</
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THE CONTRACTOR TO CONFIRM LOCATION(S) AND ELEVATION(S) OF EXISTING SERVICES AND STRUCTURES TO BE CONNECTED TO AND EXISTING SERVICES THAT MAY CAUSE CONFLICT PRIOR TO CONSTRUCTION OF ANY NEW SEWER, WATER AND /OR STORM WATER WORKS. DCC REPRESENTATIVE SHALL BE INFORMED IMMEDIATELY OF ANY ERRORS, DISCREPANCIES, CONFLICTS, OMISSIONS etc THAT ARE FOUND.

FOR SERVICING CONTINUATION, REFER TO SITE DRAWINGS.

RE-CONNECT ALL EXISTING SANITARY LATERALS TO THE PROPOSED 200mmØ SANITARY SEWER
RE-CONNECT ALL EXISTING STORM LATERALS TO THE PROPOSED 375mmØ STORM SEWER
RE-CONNECT ALL EXISTING WATER SERVICES TO THE PROPOSED 150mmØ WATERMAIN

TRENCH REINSTATEMENT TO INCLUDE 400mm OF OPSS GRANULAR "B" TYPE II & 150mm OF OPSS GRANULAR "A".

SANITARY MAINTENANCE HOLE DATA									
NO.	NORTHING	EASTING	COVER	STRUCTURE	TIGRATE	N INV.	E INV.	S INV.	W INV.
EX SANMH 2522	---	---	---	---	---	---	97.95	97.91	---
EX SANMH 2366	---	---	---	---	---	---	---	98.36	---
SANMH 101	4899403.2627	383457.2038	401.030	701.010	101.80	98.71	---	98.66	---
SANMH 102	4899416.2534	383483.2243	401.030	701.010	101.75	98.82	---	98.77	---

STORM MAINTENANCE HOLE DATA									
NO.	NORTHING	EASTING	COVER	STRUCTURE	TIGRATE	N INV.	E INV.	S INV.	W INV.
EX STMMH 2521	---	---	---	---	---	---	101.57±	98.35	97.90
EX STMMH 2367	---	---	---	---	---	---	101.52±	98.37	98.31

Government of Canada
Gouvernement du Canada

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Professional Engineers
Ontario

JANUARY 24, 2025

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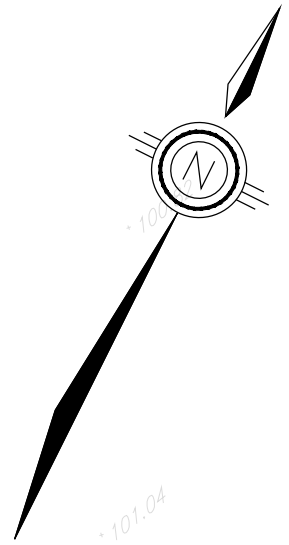
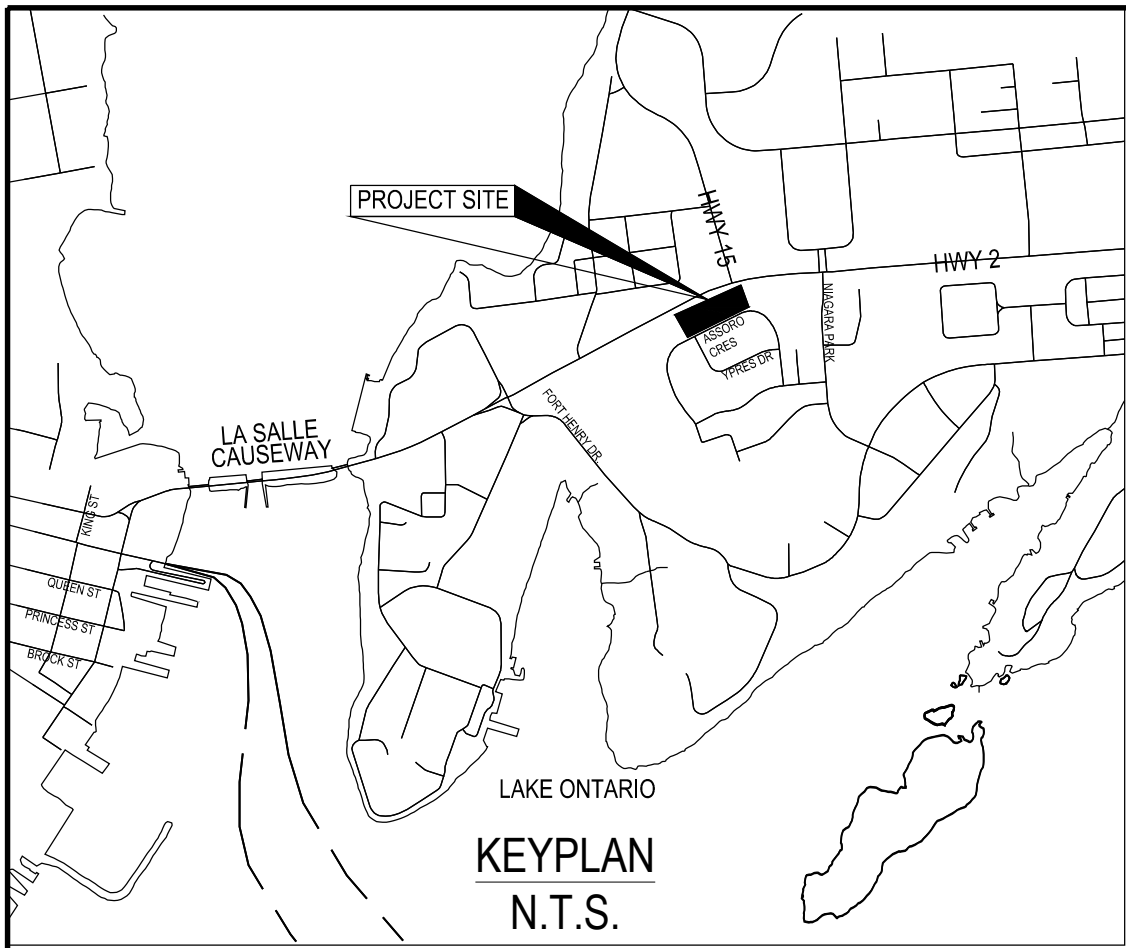
Licensed Professional Engineer
A. AL-FARAJ
100569923
JAN 24, 2025
PROVINCE OF ONTARIO

1	2025/01/24	ISSUED FOR TENDER	JX
NO.	DATE	REVISION	APPR.
SCALE ÉCHELLE 1:200 H - 1:50 V			
LOCATION EMPLACEMENT Canadian Forces Base (CFB)			
KINGSTON, ONTARIO			
PROJECT PROJET Canadian Forces Housing Agency (CFHA) Apartment Buildings Tier 4 6-Plex			
TRADE MÉTIER 6			DATE 2024/10/25
SUBJECT SUJET PLAN AND PROFILE			

PRODUCTION				REVIEWED REVU	
DESIGNED ÉTUDIÉ JX		XX XX		DES O AGENT CONC	
DRAWN DESSINÉ JX				PROJ MGR GEST PROJ	
CHECKED VÉRIFIÉ AAF/JX				DES MGR GEST CONC	
COORDINATION				FIRE INCENDIE	

WBS NO. NO. OTP		PF NO. NO. DP ZKN99	
DWG. NO. NO. DESSIN		L - KN - ZKN99 - 605 - A	

Canada



TEMPORARY PARKING LOT PAVEMENT STRUCTURE
200mm OPSS GRANULAR "A"
300mm OPSS GRANULAR "B" TYPE II
WOVEN GEOTEXTILE -CLASS 1

REINSTATE ROAD, MATCH EXISTING MATERIAL DEPTH,
FOR BIDDING PURPOSES ASSUME 40mm HL3 AND 50mm HL 8

FOR GRADING CONTINUATION,
REFER TO SITE DRAWINGS.

SITE CONTROL POINT #1

129.59m FROM
CONTROL POINT #2

LEGEND

- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- EXISTING STORM SEWER
- EXISTING FENCE
- EXISTING HYDRO POLE/LIGHT STANDARD
- EXISTING CATCHBASIN
- EXISTING GASMAIN
- EXISTING UNDERGROUND HYDRO
- EXISTING UH FA
- EXISTING UT COM
- EXISTING HYDRANT
- EXISTING V&VB, V&VC
- PROPOSED CATCHBASIN
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED V&VB
- PROPOSED HYDRANT
- PROPOSED GRADE
- DIRECTION AND SLOPE
- PROPOSED GRADE
- OVERLAND FLOW ROUTE
- H.P. RIDGE LINE
- ASPHALT REINSTATEMENT (INCL. GRANULAR "A")
- HEAVY DUTY ASPHALT PAVEMENT (REFER TO SITE DRAWINGS)

BOREHOLE DATA			
ID	TOP OF GRADE ELEVATION (masl)	BEDROCK ELEVATION (masl)	GROUNDWATER ELEVATION (masl)
BH1	101.85	101.10	NE
BH2	102.53	97.68	102.23
BH3	102.26	100.71	NE
BH4	102.68	97.48	NE
BH5	101.70	NE	NE
PH1	102.53	98.82	NE
PH2	102.15	96.45	NE

SURVEY NOTES:

- EXISTING SITE PLAN INFORMATION COMPLETED BY FIELD SURVEY ON AUGUST 1, 2019 BY ANLEY GROUP AND FROM GIS DATA DERIVED FROM DND GIS MAPPING. CONDITIONS MAY DIFFER THAN THOSE SHOWN.
- EXISTING MUNICIPAL PLAN INFORMATION COMPLETED BY FIELD SURVEY ON AUGUST 1, 2019 BY ANLEY GROUP AND FROM GIS DATA DERIVED FROM DND GIS MAPPING. CONDITIONS MAY DIFFER THAN THOSE SHOWN.
- CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING SERVICES PRIOR TO ANY CONSTRUCTION.
- COORDINATES INDICATED REFERENCE UTM NAD83 HORIZONTAL DATUM WITH UTM ZONE 18N USED FOR MAP PROJECTION.
- ELEVATIONS INDICATED REFERENCE CGVD28 VERTICAL DATUM.
- ELEVATIONS ARE IN METERS (m).
- SITE CONTROL POINTS:
 110. MAGNAIL IN ASPHALT
N: 4899453.576
E: 383561.713
Z: 101.343
 111. MAG NAIL IN ASPHALT
N: 4899395.328
E: 383445.956
Z: 101.585
 - CONCRETE MONUMENT 98, SOUTH END OF PARK ON ASSORO CRESCENT
N: 4899458.426
E: 383563.750
Z: 101.765
- CONTRACTOR TO CONFIRM HORIZONTAL AND VERTICAL SURVEY CONTROL PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO DCC REPRESENTATIVE IMMEDIATELY.
- THIS MAP IS A GRAPHICAL REPRESENTATION OF PROPERTY BOUNDARIES WHICH APPROXIMATE THE SIZE, CONFIGURATION AND LOCATION OF PROPERTIES. IT IS NOT A BOUNDARY SURVEY AND IT IS NOT INTENDED TO BE USED FOR LEGAL DESCRIPTION OR TO CALCULATE EXACT DIMENSIONS OR AREA.

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Fax: (613) 822-1573

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Ontario
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Number: 100171806
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NO.	DATE	REVISION	APPR.
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SCALE | ÉCHELLE
1:200

LOCATION | EMPLACEMENT
Canadian Forces Base (CFB)

KINGSTON, ONTARIO

PROJECT | PROJET
Canadian Forces Housing Agency (CFHA) Apartment Buildings
Tier 4 6-Plex

TRADE | MÉTIER
6

DATE
2024/10/25

SUBJECT | SUJET

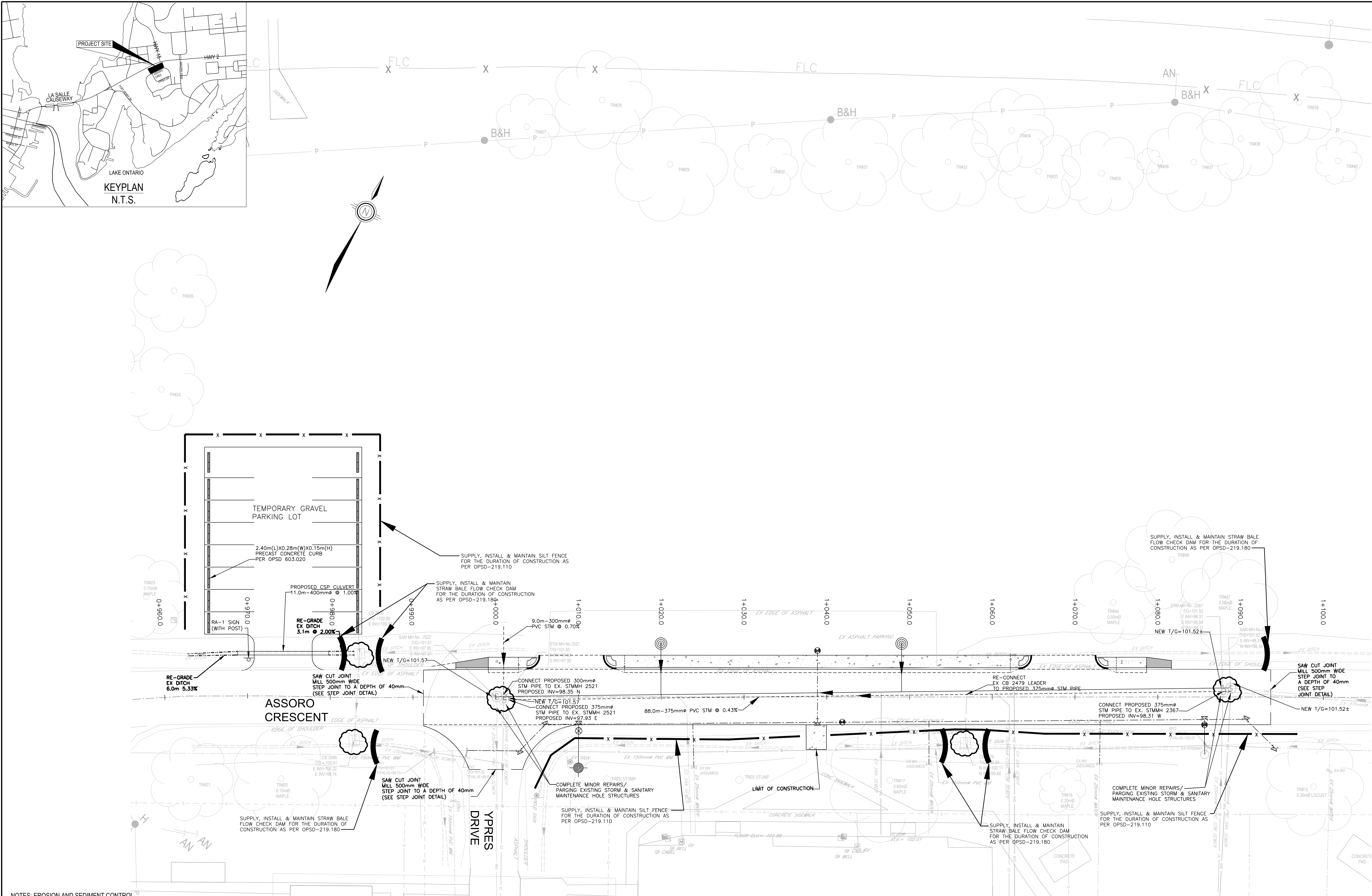
SITE GRADING AND DRAINAGE PLAN

DESIGNED ETUDIÉ	REVIEWED REVU	DES O AGENT CONC
JX	XX XX	
DRAWN DESSINÉ		PROJ MGR GEST PROJ
JX		
CHECKED VÉRIFIÉ		DES MGR GEST CONC
AAF/JX		
COORDINATION		FIRE INCENDIE

WBS NO. | NO. OTP
Z: 101.585

FF NO. | NO. DP
Z: 101.585

DWG. NO. | NO. DESSIN
L - KN - ZKN99 - 606 - A



NOTES: EROSION AND SEDIMENT CONTROL

- SEDIMENT AND EROSION CONTROL MEASURES TO BE CONSTRUCTED AS PER OPSS 805 AND SPEC 01 35.43 ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR SHALL SUBMIT AN EROSION & SEDIMENT CONTROL PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND CONSTRUCTION OF ALL SEDIMENT AND EROSION CONTROL MEASURES TO ENSURE THAT SEDIMENT DOES NOT MIGRATE FROM THE CONSTRUCTION SITE. THE CONTRACTOR SHALL IMPLEMENT BEST PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSES, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES:
 - LIMITING THE AMOUNT OF EXPOSED SOIL.
 - INSTALLING SILT FENCES (PER OPSD 219.110) WHERE INDICATED.
 - INSTALLING STRAW BALE FLOW CHECK DAM (PER OPSD 219.180) ALONG ROADSIDE DITCHES/SWALES AT UPSTREAM OF CATCHBASINS.
 - OTHER EFFECTIVE SEDIMENT TRAPS.THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- IN ORDER TO AVOID POLLUTANTS FROM BEING DISCHARGED, THE CONTRACTOR MUST MINIMIZE THE GENERATION OF DUST THROUGH APPROPRIATE APPLICATION OF WATER OR OTHER DUST SUPPRESSION MATERIAL.
- THE CONTRACTOR IS TO SUPPLY, INSTALL AND MAINTAIN FILTER CLOTH BETWEEN THE FRAME AND COVER ON ALL EXISTING AND PROPOSED CATCH BASINS AND MANHOLES WITHIN CONSTRUCTION LIMITS FOR THE DURATION OF CONSTRUCTION.
- THE CONTRACTOR'S SUBCONTRACTOR ARE REQUIRED TO COMPLY WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.

LEGEND

- LIGHT DUTY SILT FENCE BARRIER (PER OPSD-219.110)
- STRAW BALE FLOW CHECK DAM (PER OPSD-219.180)
- FILTER CLOTH BETWEEN THE FRAME (SEE DETAIL)

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Ontario

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NO.	DATE	REVISION	APPR.
SCALE ECHELLE 1:200			
LOCATION EMPLACEMENT Canadian Forces Base (CFB)			
KINGSTON, ONTARIO			
PROJECT PROJET Canadian Forces Housing Agency (CFHA) Apartment Buildings Tier 4 6-Plex			
TRADE METIER 6		DATE 2024/10/25	
SUBJECT SUJET EROSION AND SEDIMENT CONTROL PLAN			
PRODUCTION DESIGNED ETUDIÉ JX DRAWN DESSINE JX CHECKED VÉRIFIÉ AAF/JX COORDINATION		REVIEWED REVU XX XX DES O AGENT CONC PROJ MGR GEST PROJ DES MGR GEST CONC FIRE INCENDIE	
WBS NO. NO. OTP		PF NO. NO. DP ZKN99	
DWG. NO. NO. DESSIN L - KN - ZKN99 - 607 - A			
Canada			