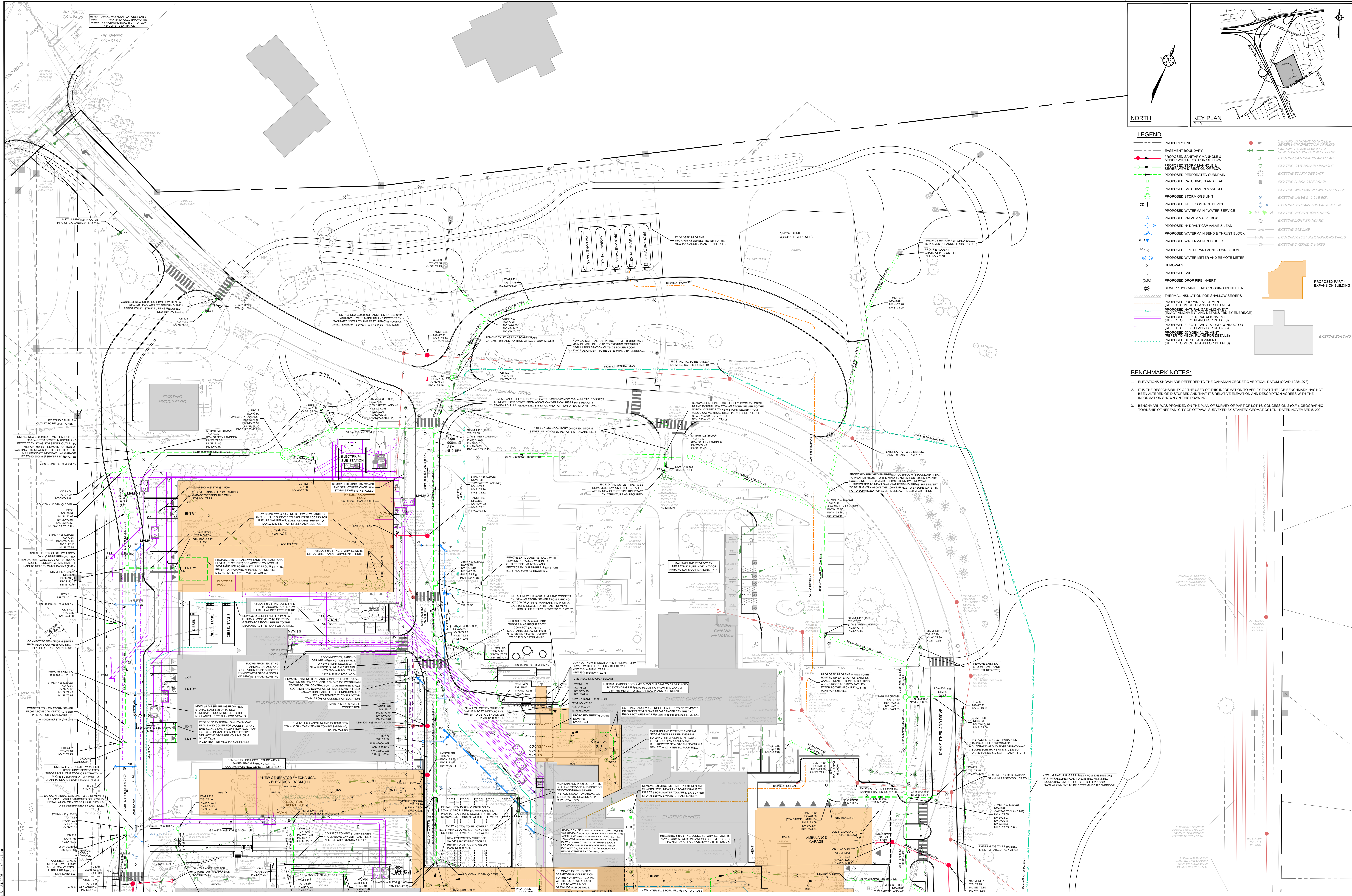




NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

REFER TO PLAN 123089-GP2 FOR CONTINUATION

REFER TO PLAN 123089-NDT FOR ADDITIONAL NOTES



REVISION		DATE	BY
2.	REISSUED FOR SITE PLAN CONTROL APPROVAL	SEP 2025	FST
1.	ISSUED FOR SITE PLAN CONTROL APPROVAL	NOV 2025	FST

SCALE	
1:400	
0 4 8 12 16	

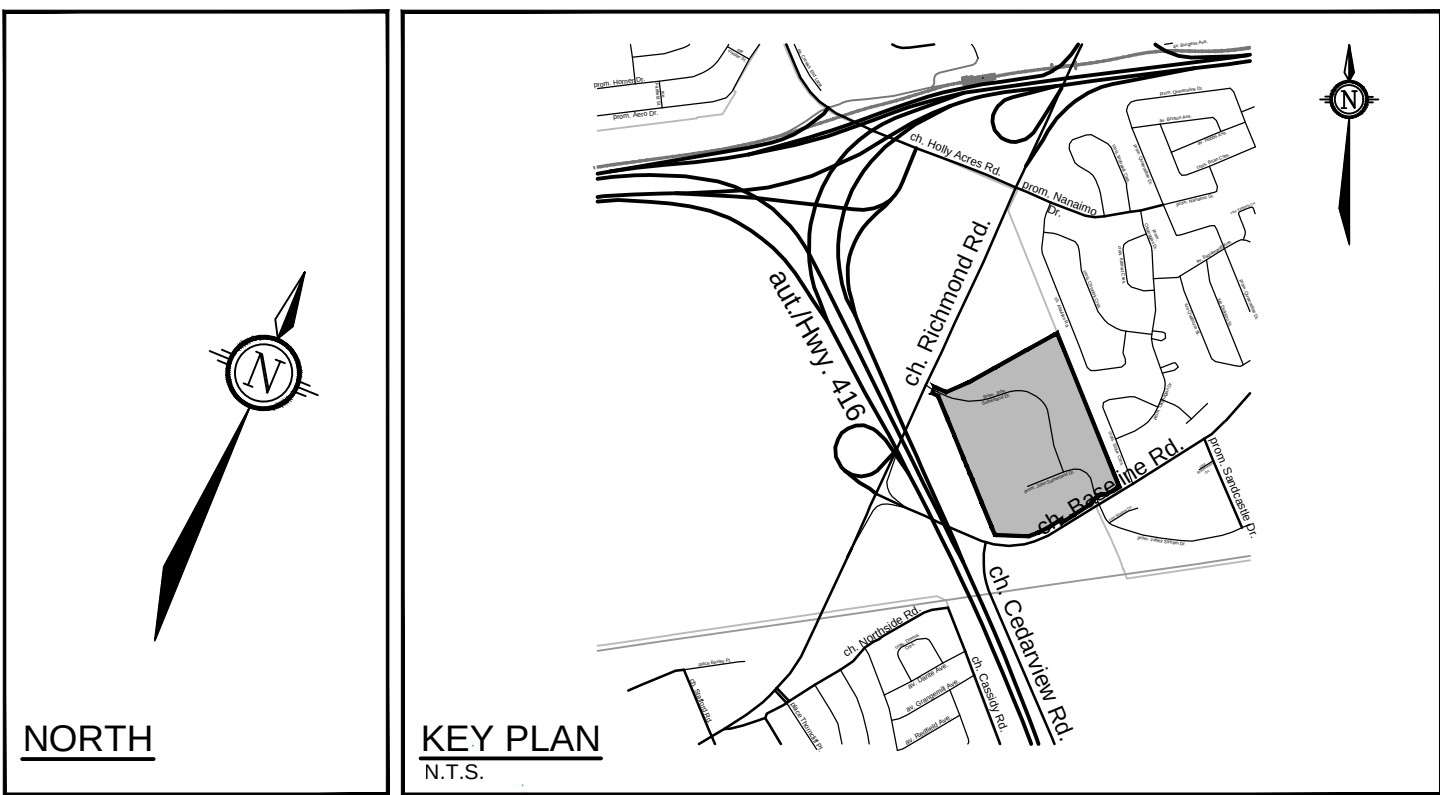
FOR REVIEW ONLY	
DESIGN	KD
CHECKED	FST
DRAWN	KD
CHECKED	FST
APPROVED	FST

LOCATION CITY OF OTTAWA QUEENSWAY CARLETON HOSPITAL	
DRAWING NAME GENERAL PLAN OF SERVICES PART 4 EXPANSION	
PROJECT NO. 123089	REV REV 02
DRAWING NO. 123089-GP1	



ZBA# D02-02-25-0093 & SPC# D07-12-25-0163

REFER TO PLAN 123089-GP1 FOR CONTINUATION



- LEGEND**
- PROPERTY LINE
 - EASEMENT BOUNDARY
 - PROPOSED SANITARY MANHOLE & SEWER WITH DIRECTION OF FLOW
 - PROPOSED STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
 - PROPOSED PERFORATED SUBURBAN
 - PROPOSED CATCHBASIN AND LEAD
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED STORM OGS UNIT
 - PROPOSED INLET CONTROL DEVICE
 - PROPOSED WATERMAIN / WATER SERVICE
 - PROPOSED VALVE & VALVE BOX
 - PROPOSED HYDRANT C/W VALVE & LEAD
 - PROPOSED WATERMAIN BEND & THRUST BLOCK
 - PROPOSED WATERMAIN REDUCER
 - PROPOSED FIRE DEPARTMENT CONNECTION
 - PROPOSED WATER METER AND REMOTE METER
 - REMOVALS
 - PROPOSED CAP
 - PROPOSED DROP PIPE INVERT
 - SEWER / HYDRANT LEAD CROSSING IDENTIFIER
 - THERMAL INSULATION FOR SHALLOW SEWERS
 - PROPOSED PROPANE ALIGNMENT (REFER TO MECH. PLANS FOR DETAILS)
 - PROPOSED NATURAL GAS ALIGNMENT (EXACT ALIGNMENT AND DETAILS TO BE DETERMINED BY ENGINEER)
 - PROPOSED ELECTRICAL ALIGNMENT (REFER TO ELEC. PLANS FOR DETAILS)
 - PROPOSED ELECTRICAL GROUNDING CONDUCTOR (REFER TO ELEC. PLANS FOR DETAILS)
 - PROPOSED OXYGEN ALIGNMENT (REFER TO MECH. PLANS FOR DETAILS)
 - PROPOSED DIESEL ALIGNMENT (REFER TO MECH. PLANS FOR DETAILS)
 - EXISTING SANITARY MANHOLE & SEWER WITH DIRECTION OF FLOW
 - EXISTING STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
 - EXISTING CATCHBASIN AND LEAD
 - EXISTING STORM OGS UNIT
 - EXISTING LANDSCAPE DRAIN
 - EXISTING WATERMAIN / WATER SERVICE
 - EXISTING VALVE & VALVE BOX
 - EXISTING HYDRANT C/W VALVE & LEAD
 - EXISTING VEGETATION (TREES)
 - EXISTING LIGHT STANDARD
 - EXISTING GAS LINE
 - EXISTING HYDRO UNDERGROUND WIRES
 - EXISTING OVERHEAD WIRES
 - PROPOSED PART 4 EXPANSION BUILDING
 - EXISTING BUILDING

- BENCHMARK NOTES:**
- ELEVATIONS SHOWN ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD-1985).
 - IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.
 - BENCHMARK WAS PROVIDED ON THE PLAN OF SURVEY OF PART OF LOT 16, CONCESSION 2 (O.P.), GEOGRAPHIC TOWNSHIP OF NEPEAN, CITY OF OTTAWA, SURVEYED BY STANTEC GEOMATICS LTD., DATED NOVEMBER 5, 2024.

REFER TO PLAN 123089-NDT FOR ADDITIONAL NOTES



REVISION		DATE	BY
2.	REISSUED FOR SITE PLAN CONTROL APPROVAL	SEP 25/20	FST
1.	ISSUED FOR SITE PLAN CONTROL APPROVAL	NOV 20/25	FST

SCALE	
1:400	
0 4 8 12 16	

DESIGN	
DESIGNED	KD
CHECKED	FST
DRAWN	KD
CHECKED	FST
APPROVED	FST

FOR REVIEW ONLY



LOCATION CITY OF OTTAWA QUEENSWAY CARLETON HOSPITAL	PROJECT NO. 123089
DRAWING NAME GENERAL PLAN OF SERVICES PART 4 EXPANSION	REV REV 02
	DRAWN BY 123089-GP2

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

ZBA# D02-02-25-0093 & SPC# D07-12-25-0163



LEGEND

- PROPERTY LINE
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED SWALE ELEVATION
- PROPOSED DEPRESSION CURB ELEVATION
- PROPOSED ENTRANCE/EXIT ELEVATION
- MAXIMUM 3:1 SLOPE
- GRADE AND DIRECTION
- EMERGENCY OVERLAND FLOW ROUTE
- PROPOSED CHAIN LINK FENCE
- PROPOSED DEPRESSION CURB
- PROPOSED ARMOUR STONE RETAINING WALL
- PROPOSED TWSI
- APPROXIMATE PONDING LIMITS
- PROPOSED SANITARY MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED CATCH BASIN MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED STORM OGS UNIT
- PROPOSED VALVE & VALVE BOX
- PROPOSED HYDRANT
- REMOVALS
- EXISTING ELEVATION
- EXISTING OVERHEAD WIRES
- EXISTING CONCRETE CURB
- EXISTING CATCH BASIN MANHOLE
- EXISTING STORM OGS UNIT
- EXISTING STORM DRAIN
- EXISTING VALVE & VALVE BOX
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING VEGETATION (TREES)
- EXISTING LIGHT STANDARD
- EXISTING SIGN
- EXISTING UTILITY POLE

BENCHMARK NOTES:

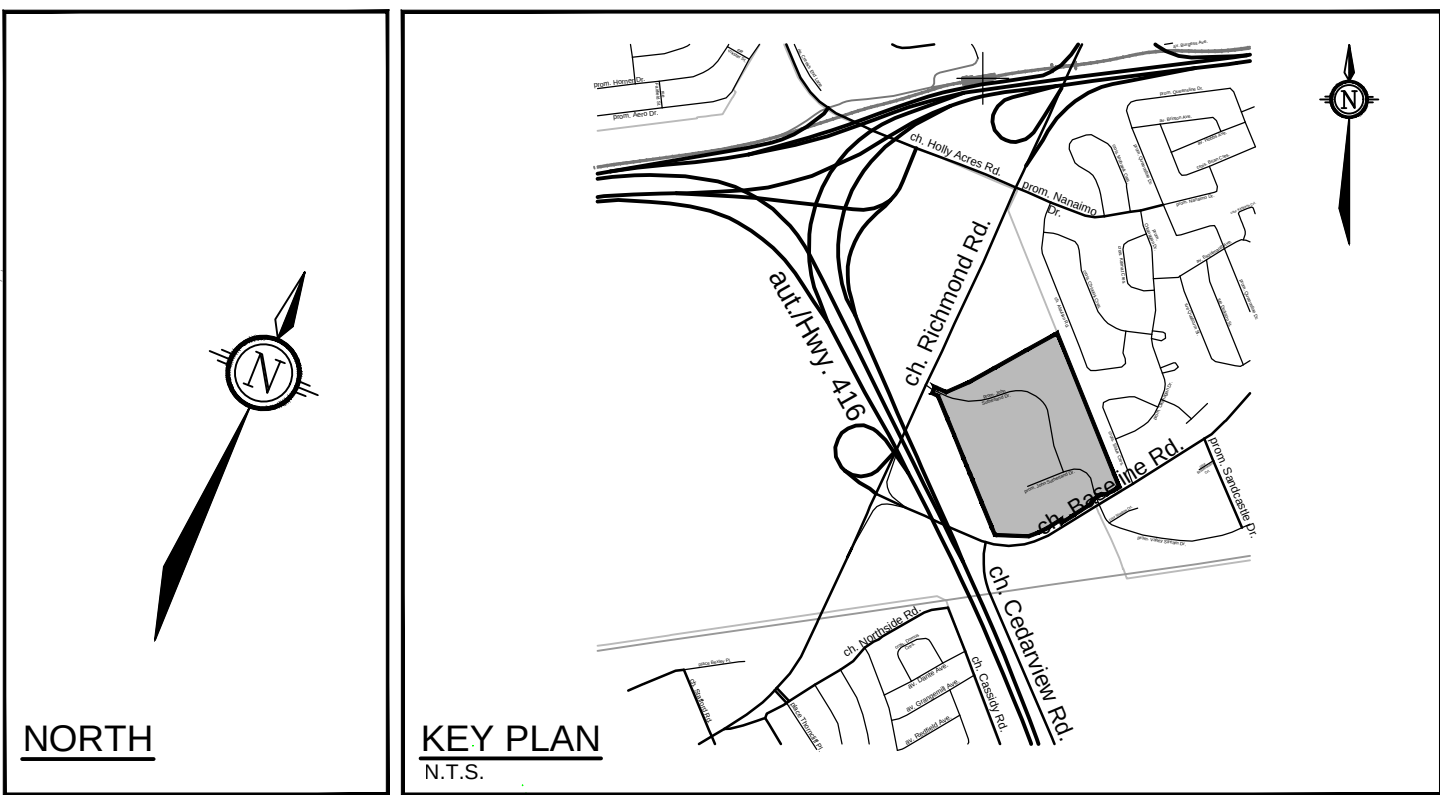
- ELEVATIONS SHOWN ARE GEODETIC REFERENCE TO THE CGVD83 VERTICAL DATUM AND WERE DERIVED THROUGH CANMET REAL-TIME NETWORK OBSERVATIONS.
- IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE SITE BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.
- BENCHMARK WAS PROVIDED ON PLAN OF SURVEY OF PART OF LOT 16, CONCESSION 2, GEOGRAPHIC TOWNSHIP OF NEPEAN, SURVEYED BY STANTEC GEOMATICS LTD., DATED NOVEMBER 5, 2024.

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



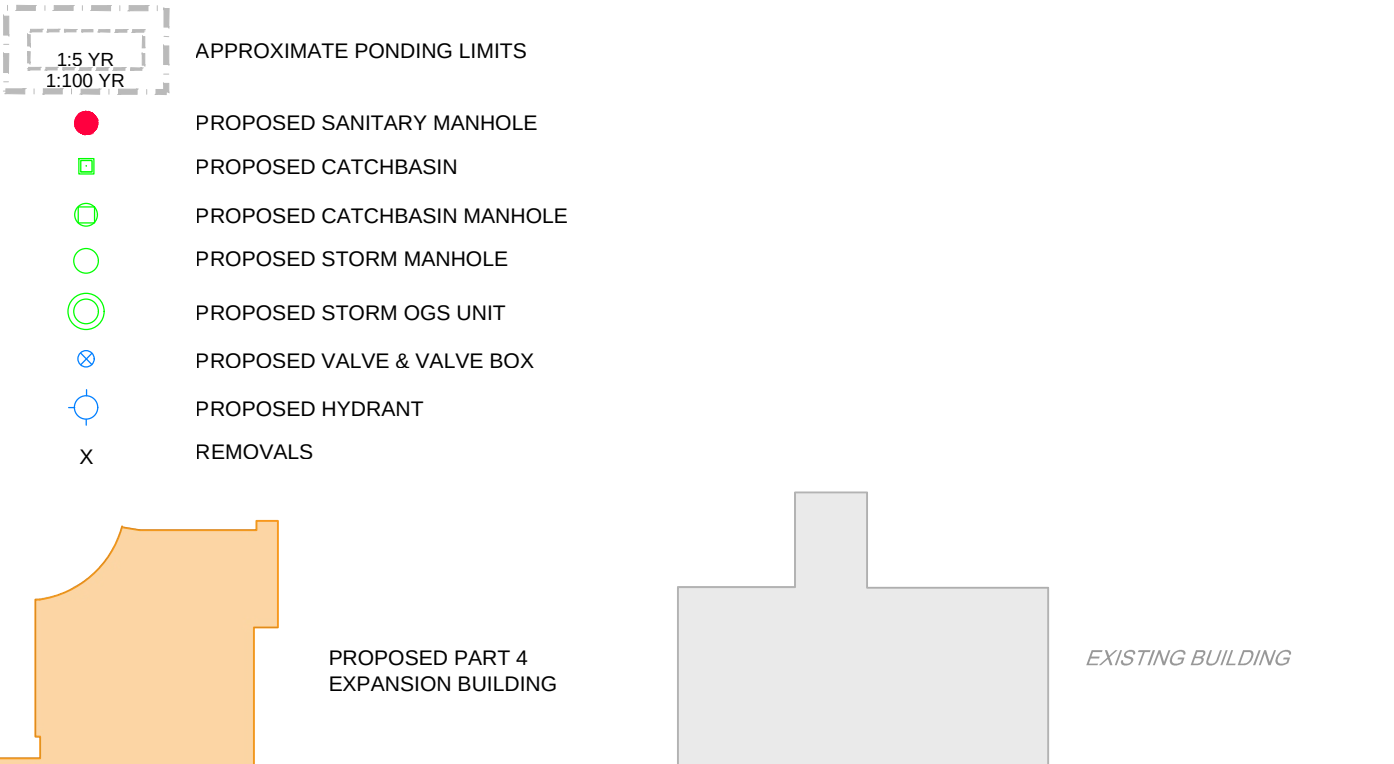
				SCALE				DESIGN			
				1:400				KD			
								CHECKED		FST	
								DRAWN		KD	
								CHECKED			
2. REISSUED FOR SITE PLAN CONTROL APPROVAL				SEP 2025	FST	0 4 8 12 16				FST	
1. ISSUED FOR SITE PLAN CONTROL APPROVAL				NOV 2025	FST					APPROVED	
No.		REVISION		DATE		BY		FST			

REFER TO PLAN 123089-GR1 FOR CONTINUATION



LEGEND

- PROPERTY LINE
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED SWALE ELEVATION
- PROPOSED DEPRESSIONED CURB ELEVATION
- PROPOSED ENTRANCE ELEVATION
- MAXIMUM 3:1 SLOPE
- GRADE AND DIRECTION
- EMERGENCY OVERLAND FLOW ROUTE
- PROPOSED CHAIN LINK FENCE
- PROPOSED CONCRETE CURB
- PROPOSED DEPRESSIONED CURB
- PROPOSED ARMOUR STONE RETAINING WALL
- PROPOSED TWSI
- APPROXIMATE PONDING LIMITS
- PROPOSED SANITARY MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED STORM OGS UNIT
- PROPOSED VALVE & VALVE BOX
- PROPOSED HYDRANT
- REMOVALS
- EXISTING ELEVATION
- EXISTING OVERHEAD WIRES
- EXISTING CONCRETE CURB
- EXISTING CATCHBASIN
- EXISTING STORM OGS UNIT
- EXISTING STORM DRAIN
- EXISTING VALVE & VALVE BOX
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING VEGETATION (TREES)
- EXISTING LIGHT STANDARD
- EXISTING SIGN
- EXISTING UTILITY POLE



BENCHMARK NOTES:

- ELEVATIONS SHOWN ARE GEODETIC REFERENCE THE CGVD2011 VERTICAL DATUM AND WERE DERIVED THROUGH CANMET REAL-TIME NETWORK OBSERVATIONS.
- IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE SITE BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.
- BENCHMARK WAS PROVIDED ON PLAN OF SURVEY OF PART OF LOT 16, CONCESSION 2, GEOGRAPHIC TOWNSHIP OF NEPEAN, SURVEYED BY STANTEC GEOMATICS LTD., DATED NOVEMBER 5, 2024.

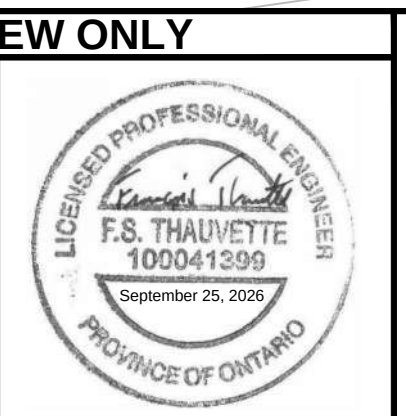
Erosion and Sediment Control Responsibilities:									
Activity	Responsible Party	Responsible Party	Responsible Party	Responsible Party	Responsible Party	Responsible Party	Responsible Party	Responsible Party	Responsible Party
Site Preparation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner
Foundation	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner	Owner

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



REVISION				DATE				BY			
2.	REISSUED FOR SITE PLAN CONTROL APPROVAL	SEP 2025	FST	1.	ISSUED FOR SITE PLAN CONTROL APPROVAL	NOV 2025	FST				

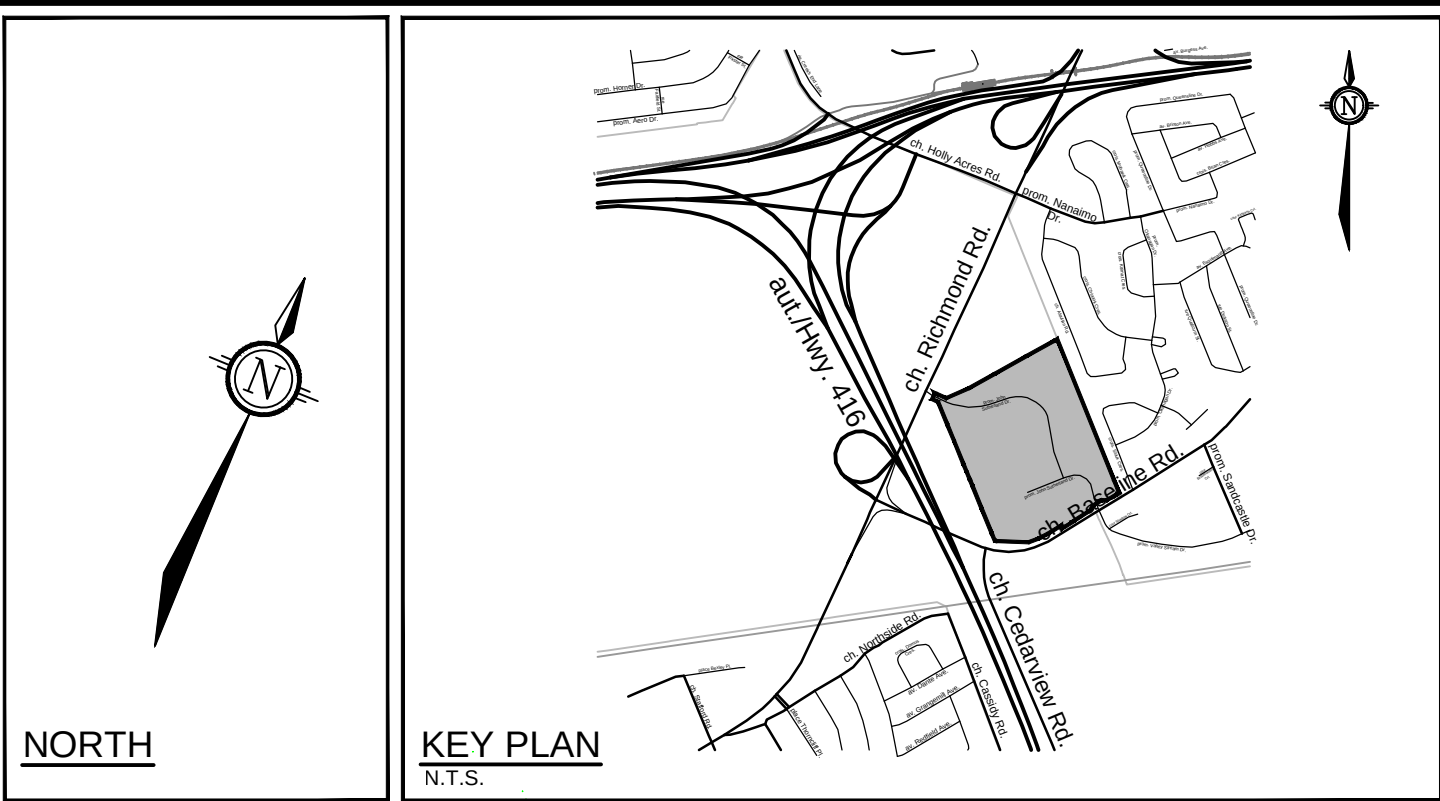
SCALE		DESIGN	
1:400		CD	FST
		CD	FST
		CD	FST



NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 340 McIntosh Corporate Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone: (613) 254-9643
Facsimile: (613) 254-9667
Website: www.novatech-eng.com

LOCATION		PROJECT NO.	
CITY OF OTTAWA QUEENSWAY CARLETON HOSPITAL		123089	
DRAWING NAME		REV	
GRADING AND EROSION & SEDIMENT CONTROL PLAN PART 4 EXPANSION		REV 02	
		123089-GR2	

ZBA# D02-02-25-0093 & SPC# D07-12-25-0163

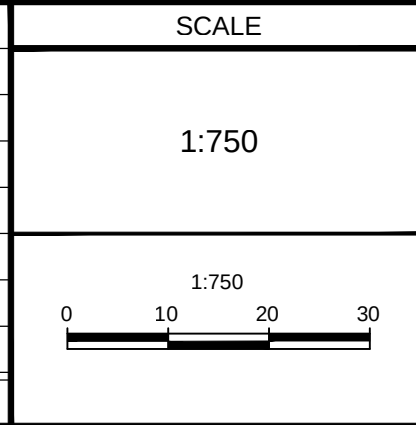


- LEGEND**
- DRAINAGE AREA LIMITS
 - B101
0.550
0.48 POST-DEVELOPMENT AREA ID
 - B102
0.550
0.48 POST-DEVELOPMENT DRAINAGE AREA (ha)
 - 0.48 1.5 YEAR WEIGHTED RUNOFF COEFFICIENT
 - PROPOSED STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
 - PROPOSED PERFORATED SUBDRAIN
 - PROPOSED CATCHBASIN AND LEAD
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED STORM OGS UNIT
 - PROPOSED CONTROL FLOW ROOF DRAIN
 - LIMITS OF 100-YEAR ROOF PONDING
 - PROPOSED MAJOR OVERLAND FLOW ROUTE
 - X REMOVALS
 - EXISTING STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
 - EXISTING CATCHBASIN AND LEAD
 - EXISTING CATCHBASIN MANHOLE
 - EXISTING STORM OGS UNIT
 - EXISTING LANDSCAPE DRAIN
 - EXISTING MAJOR OVERLAND FLOW ROUTE
 - PROPOSED PART 4 EXPANSION BUILDING
 - EXISTING BUILDING

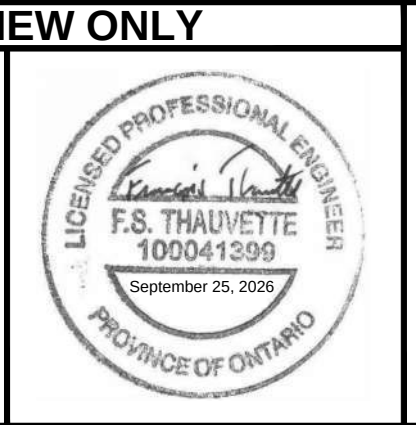
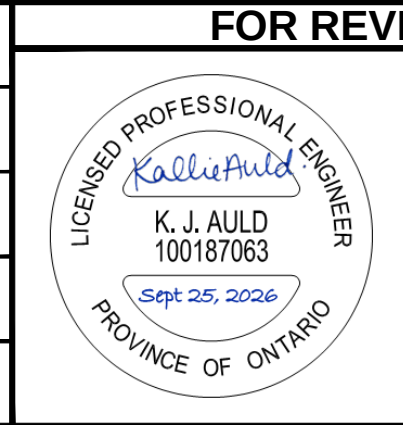
NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS,
WATERMANS, SEWERS AND OTHER
UNDERGROUND AND OVERGROUND UTILITIES AND
STRUCTURES IS NOT NECESSARILY SHOWN ON
THE CONTRACT DRAWINGS, AND WHERE SHOWN,
THE ACCURACY OF THE POSITION OF SUCH
UTILITIES AND STRUCTURES IS NOT GUARANTEED.
BEFORE STARTING WORK, DETERMINE THE EXACT
LOCATION OF ALL SUCH UTILITIES AND
STRUCTURES AND ASSUME ALL LIABILITY FOR
DAMAGE TO THEM.



NO.	REVISION	DATE	BY
2.	REISSUED FOR SITE PLAN CONTROL APPROVAL	SEP 25/20	FST
1.	ISSUED FOR SITE PLAN CONTROL APPROVAL	NOV 28/25	FST



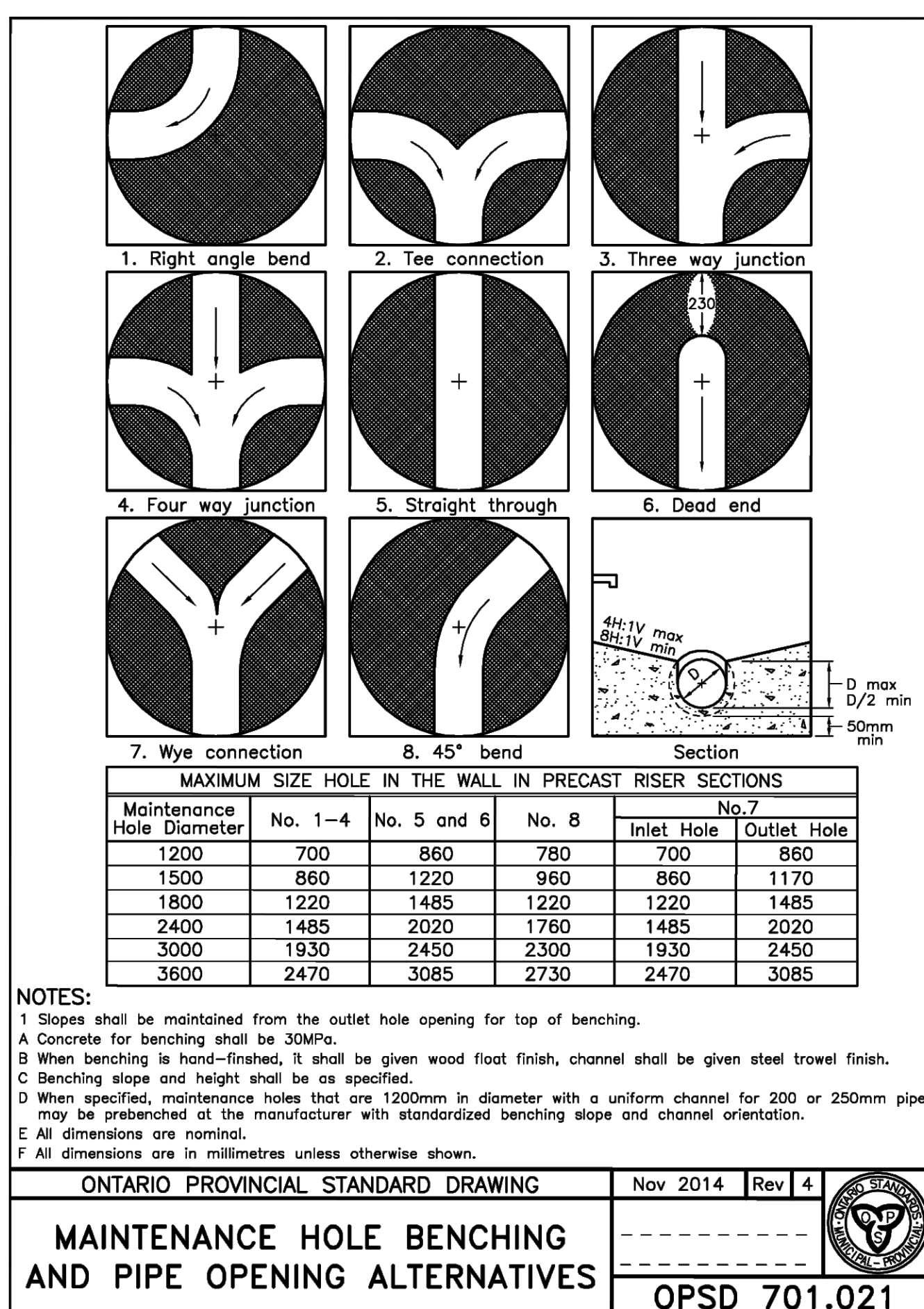
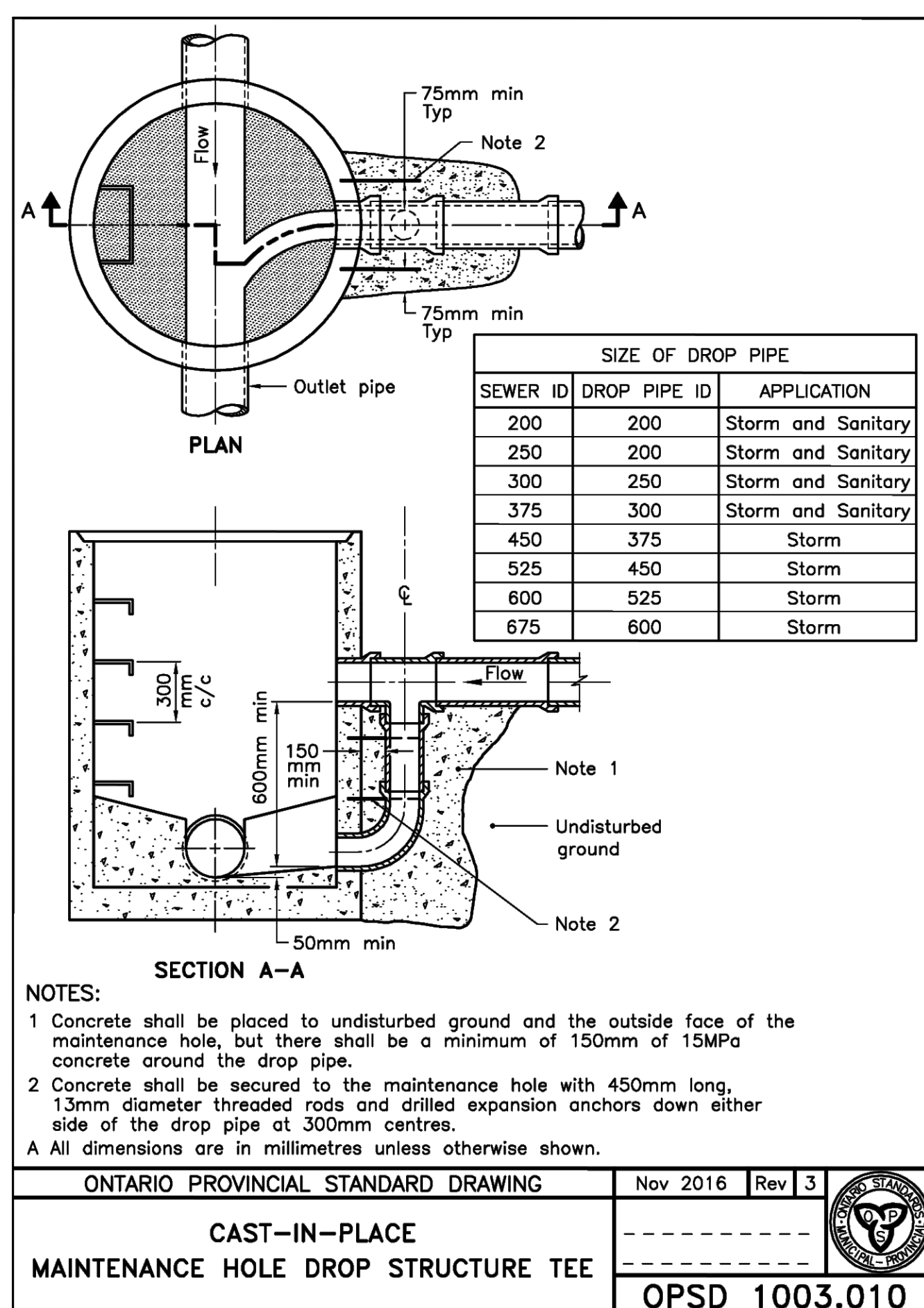
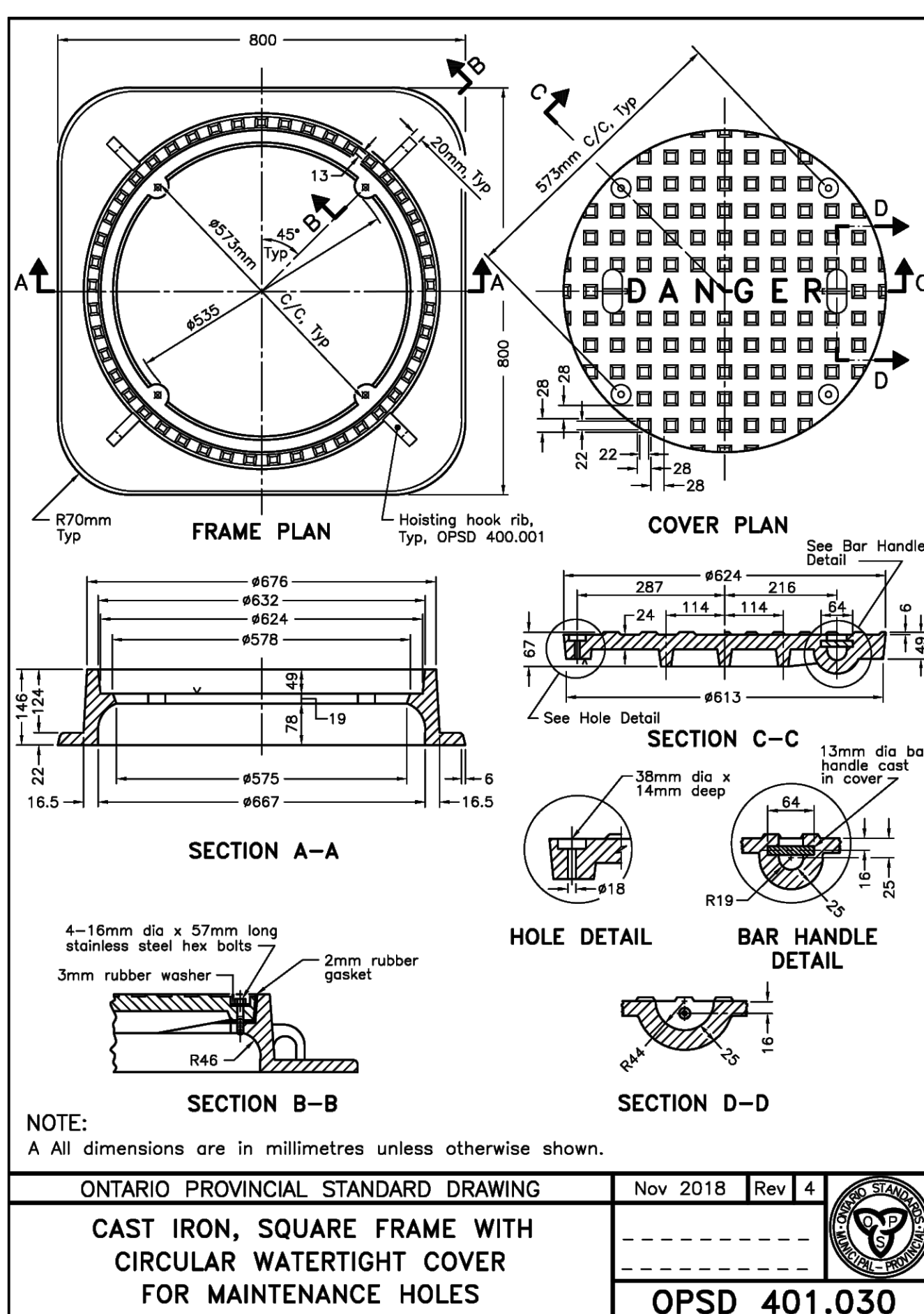
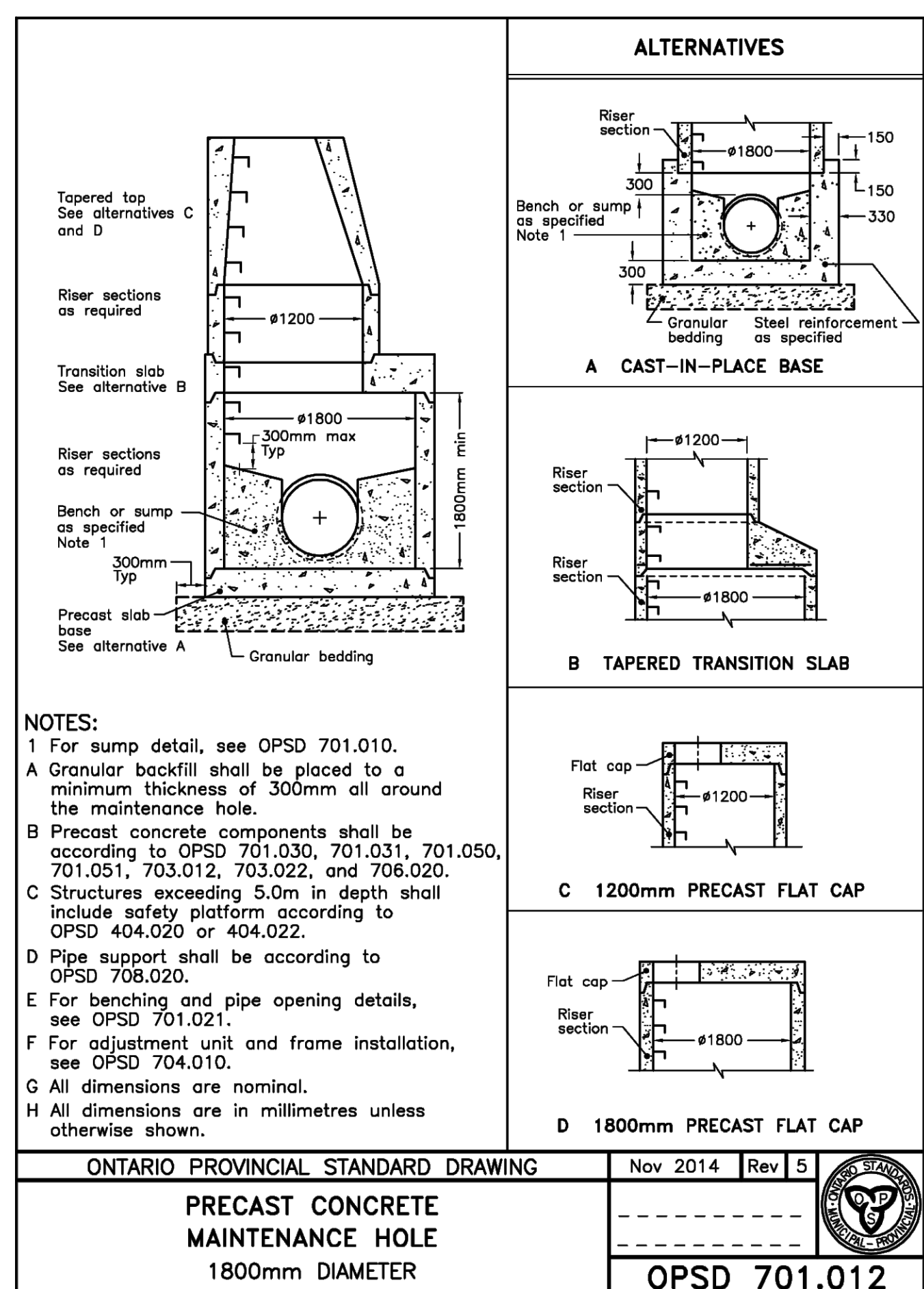
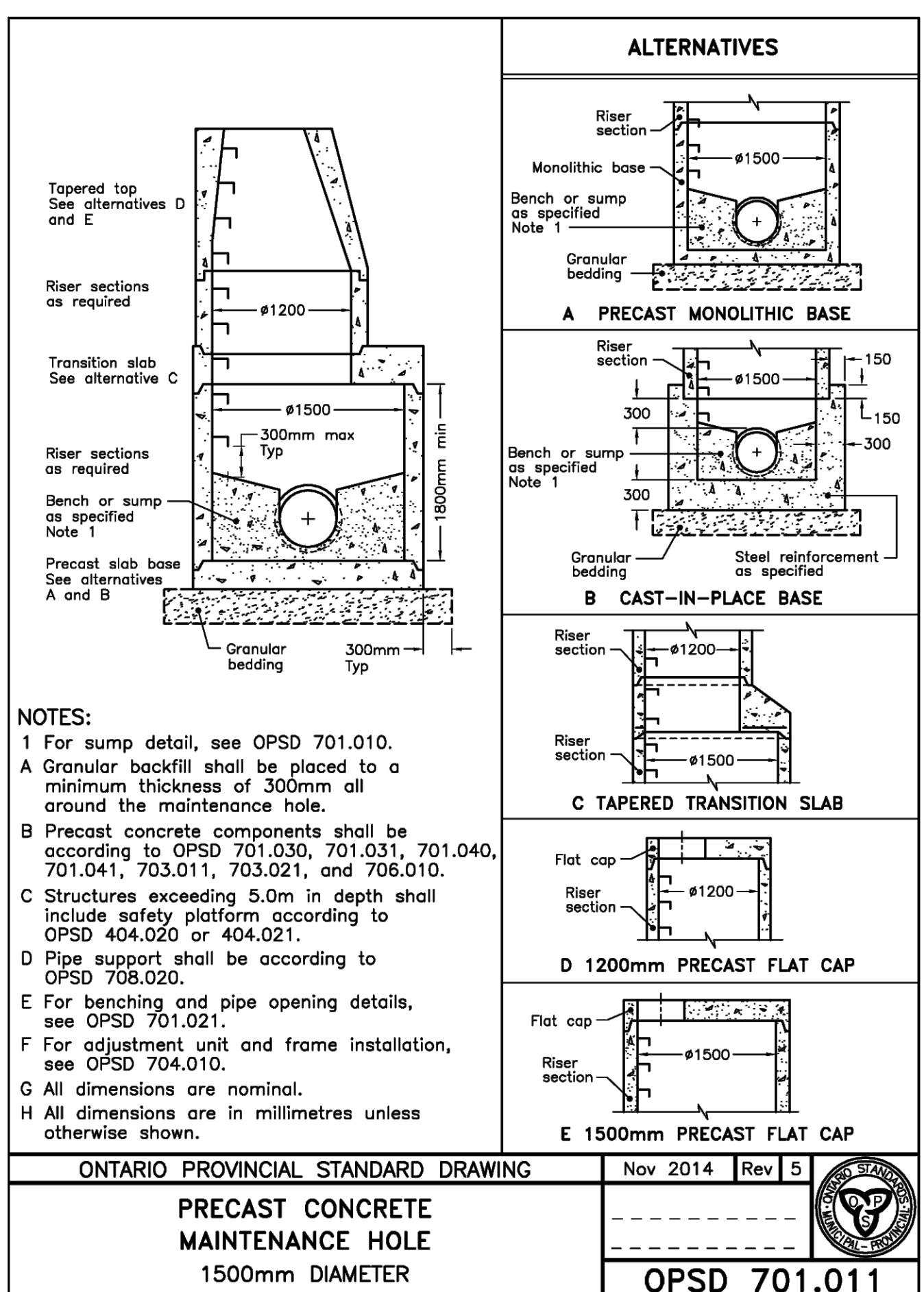
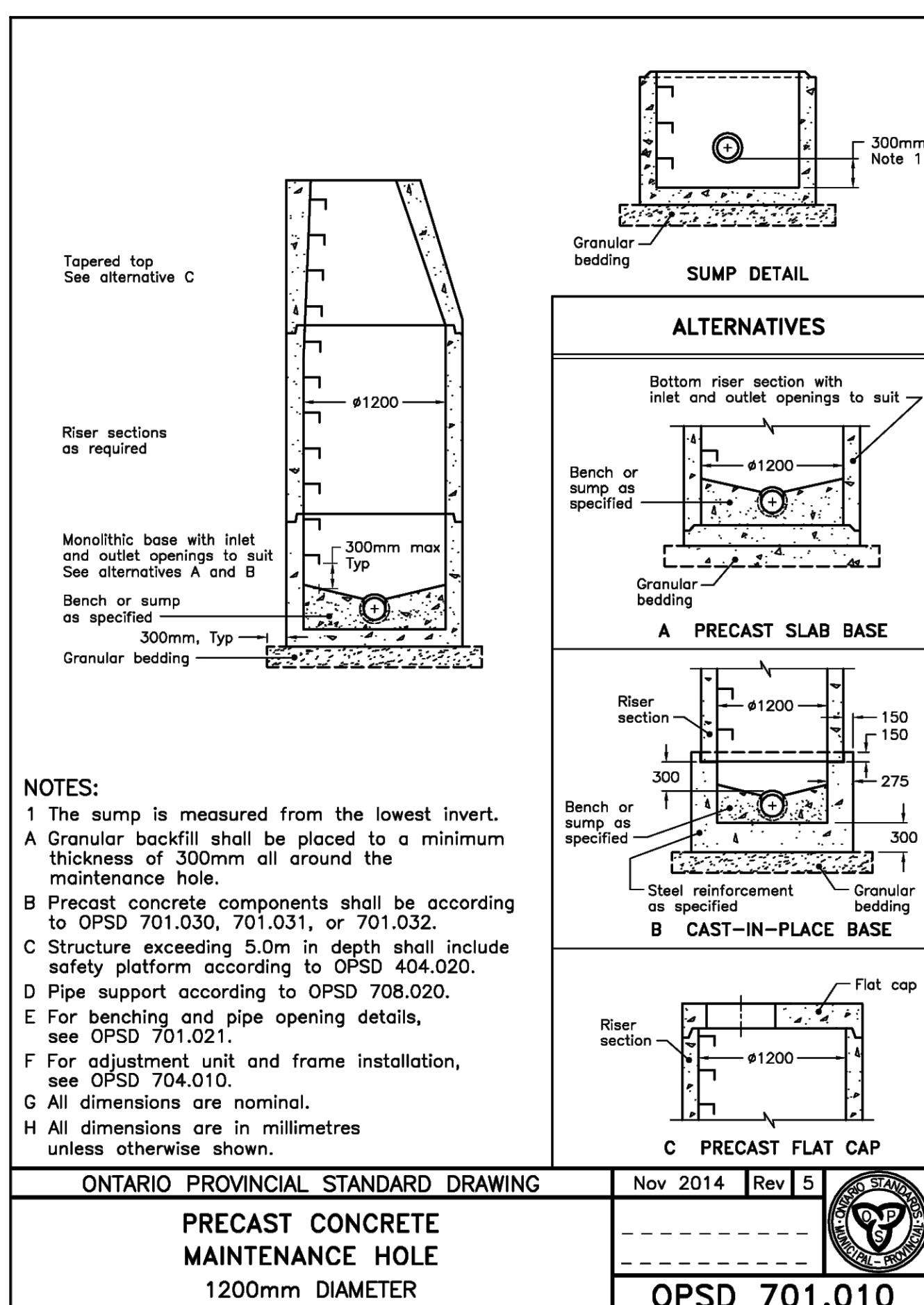
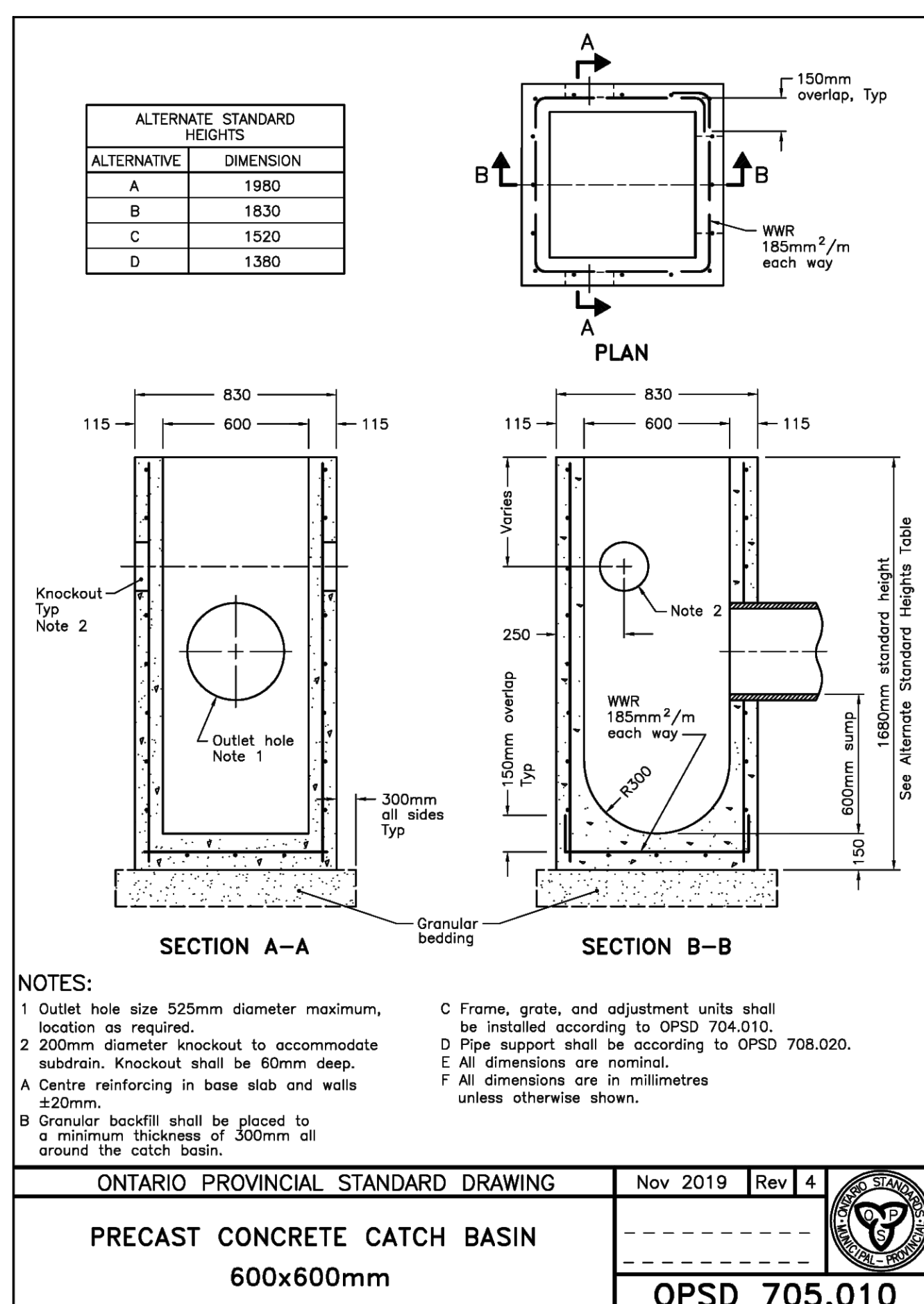
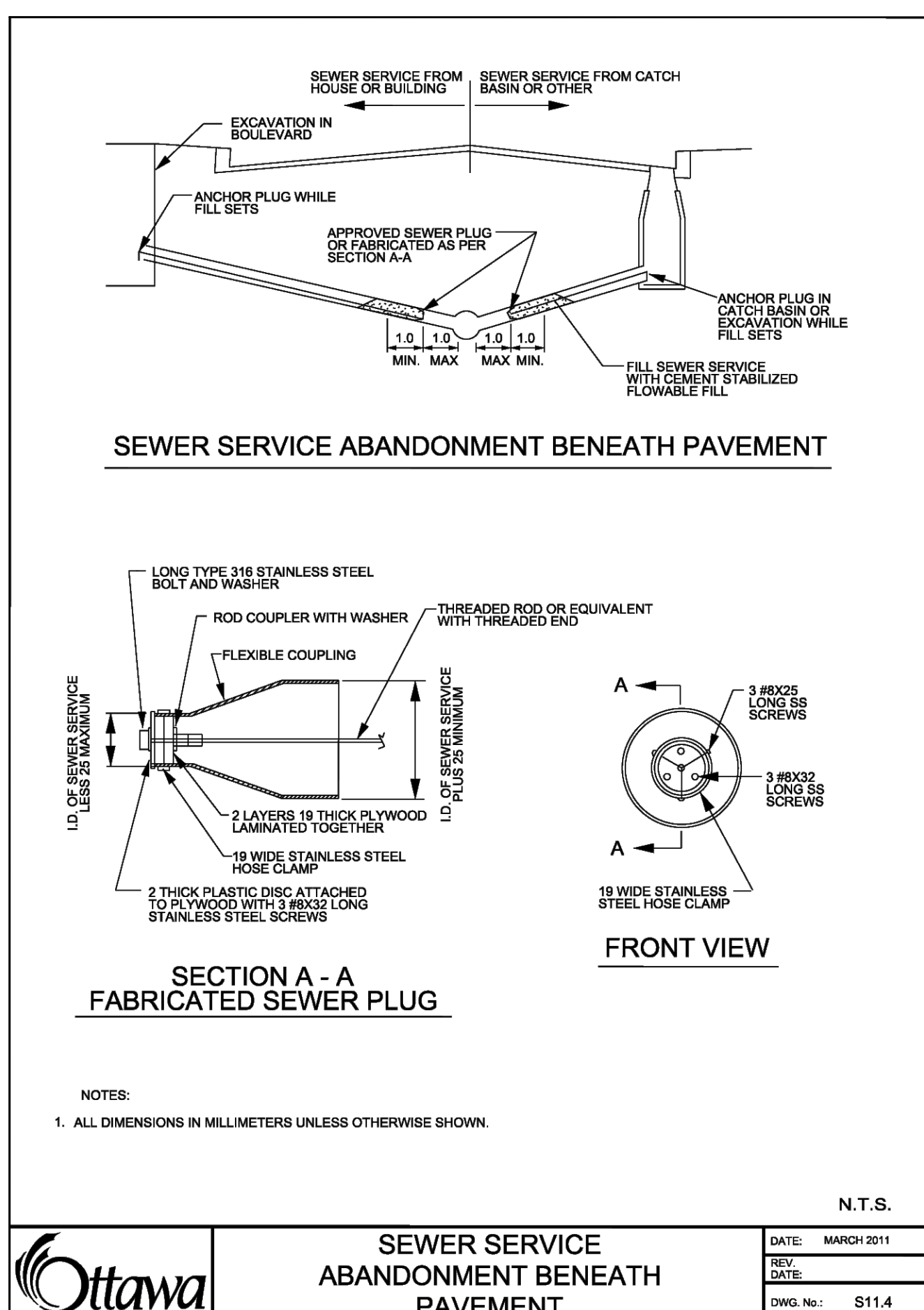
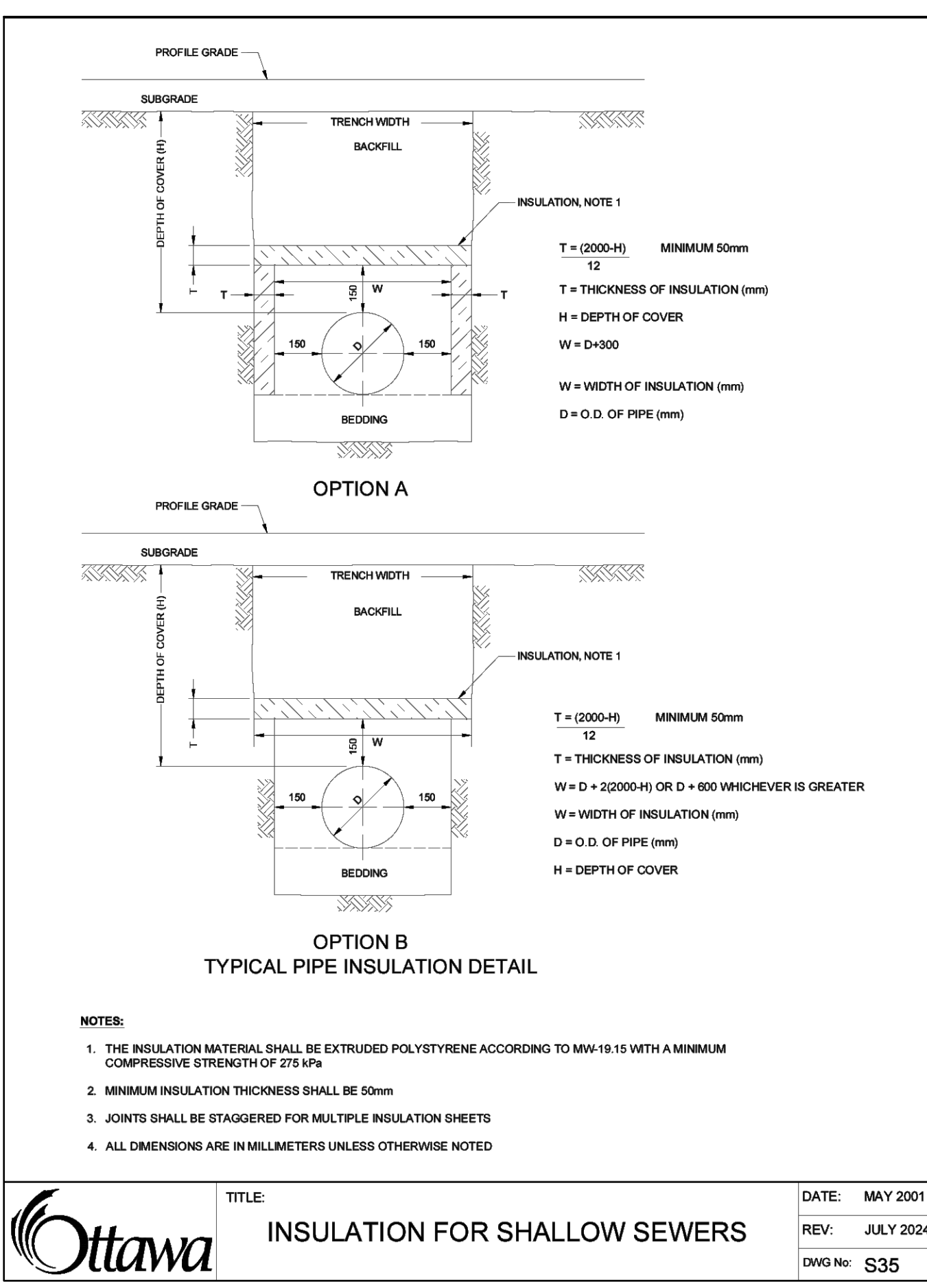
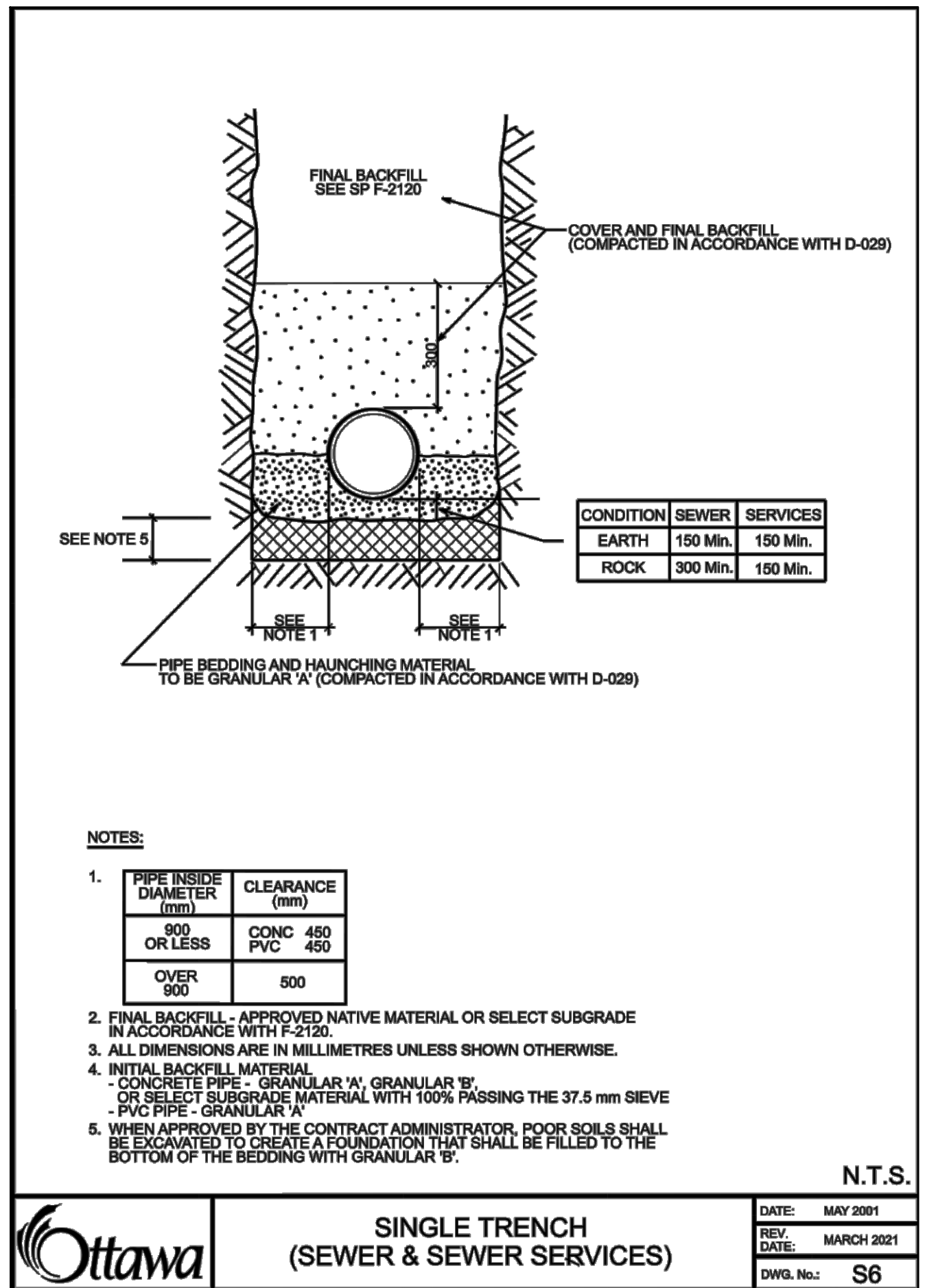
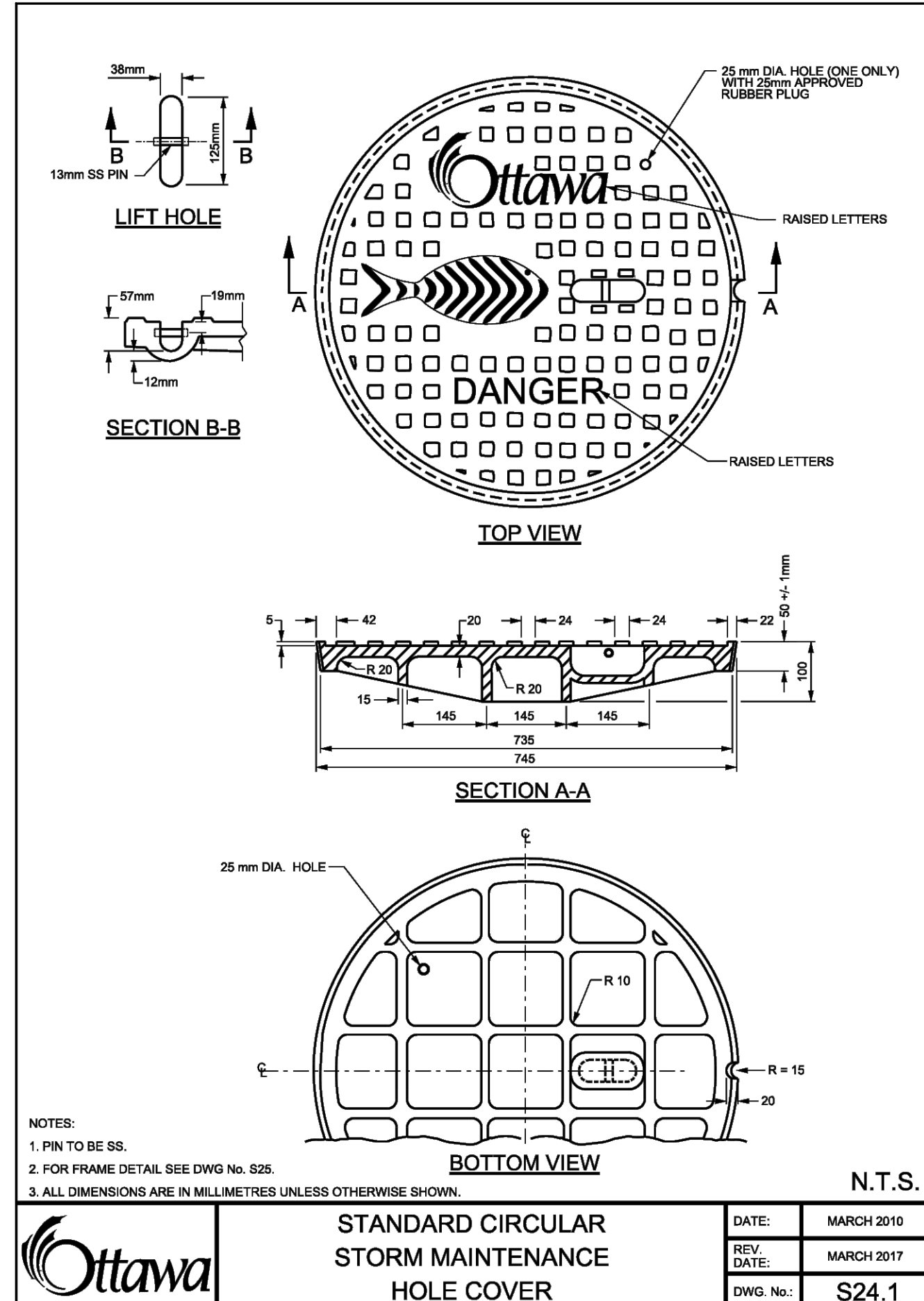
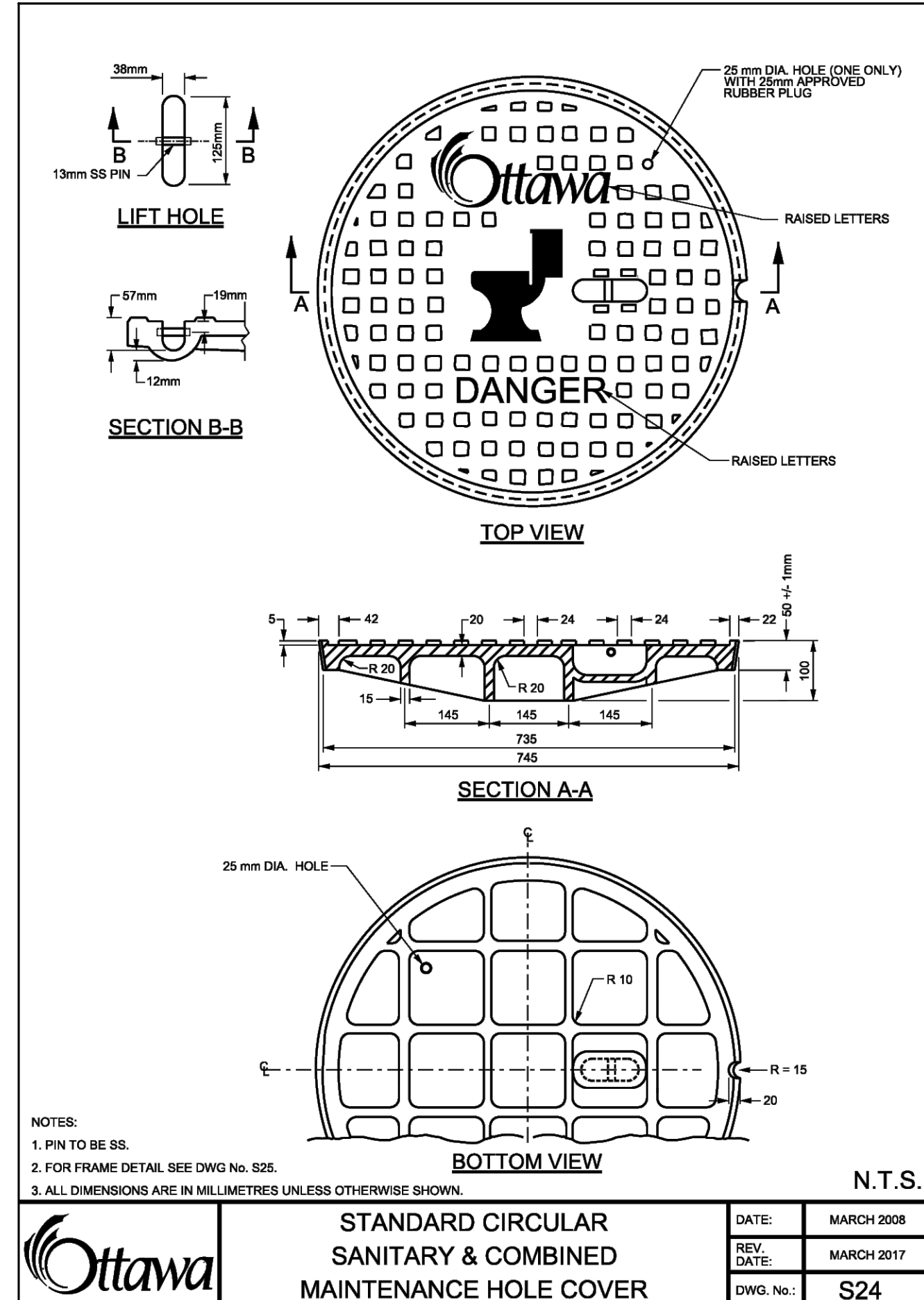
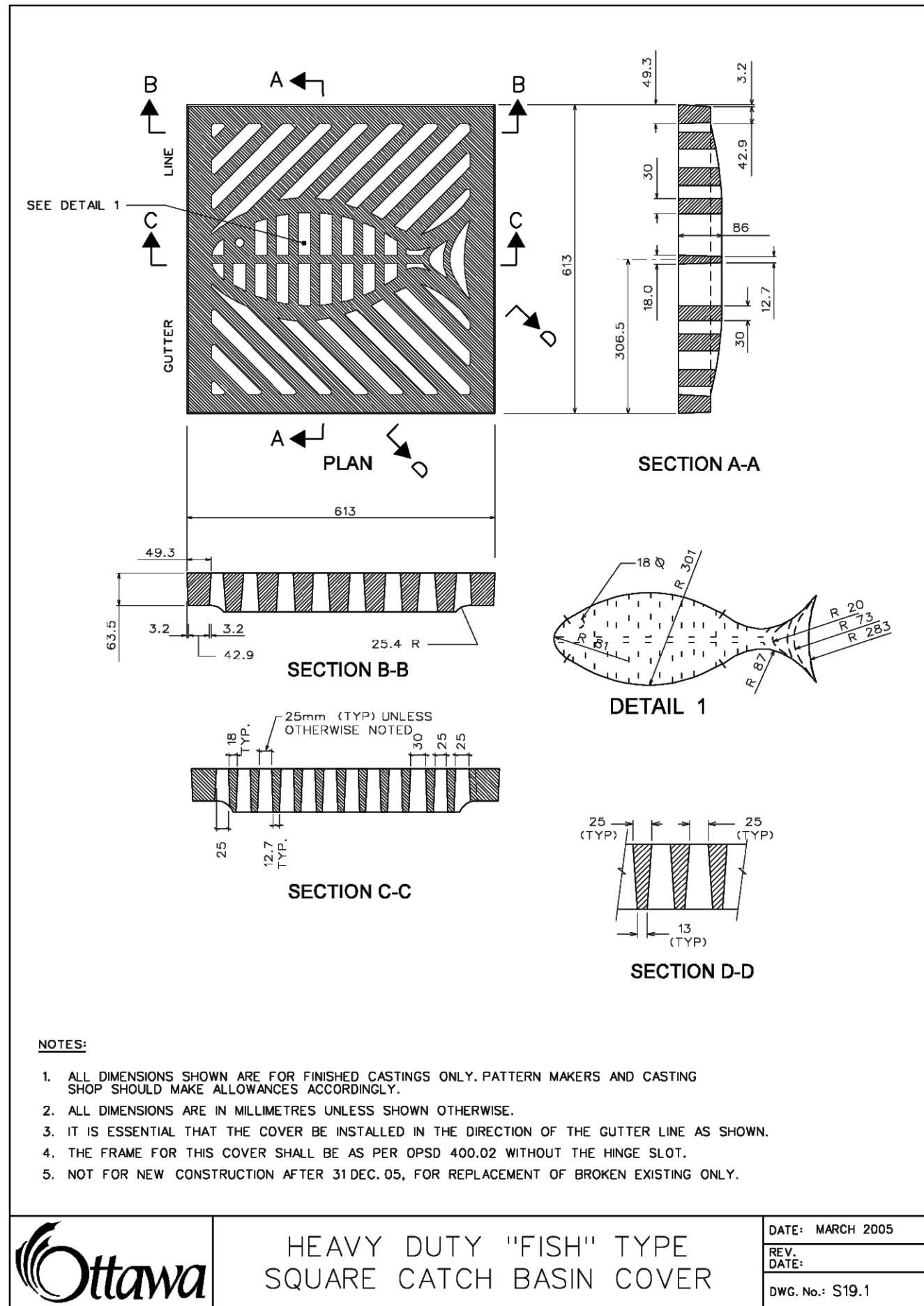
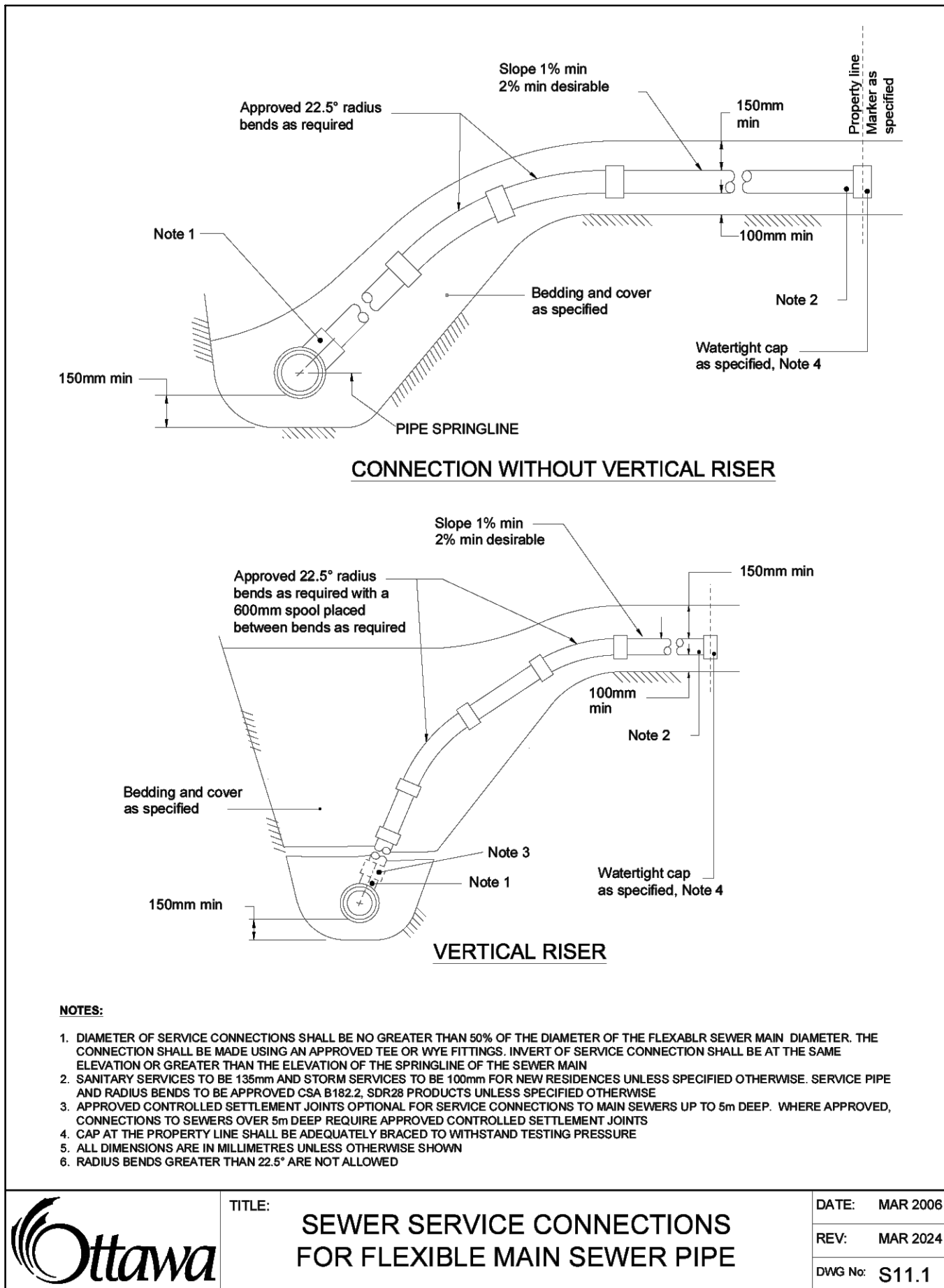
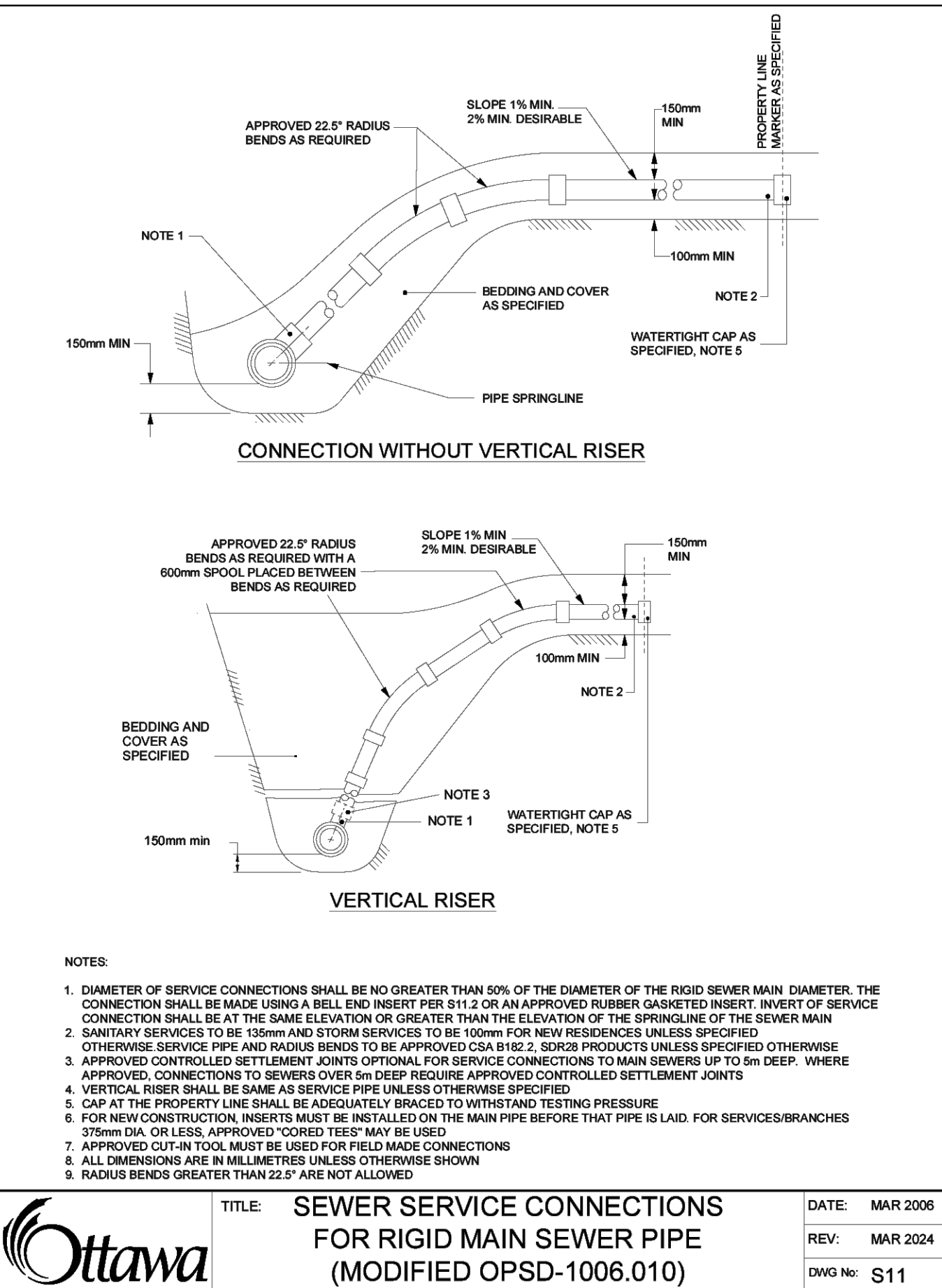
DESIGN	FST/KD
CHECKED	FST
DRAWN	KD
CHECKED	FST
APPROVED	FST



LOCATION CITY OF OTTAWA QUEENSWAY CARLETON HOSPITAL	PROJECT NO. 123089
DRAWING NAME STORMWATER MANAGEMENT PLAN	REV #2
	DRAWING NO. 123089-SWM

REFER TO PLAN 123089-NDT FOR ADDITIONAL NOTES, DETAILS AND TABLES

ZBA# D02-02-25-0093 & SPC# D07-12-25-0163



ALL PROJECT NOTES, DETAILS AND SPECIFICATIONS ARE TO MEET THE MOST CURRENT AND AMENDED VERSIONS OF THE CITY OF OTTAWA AND PROVINCIAL STANDARDS

THIS PLAN IS TO BE READ IN CONJUNCTION WITH CIVIL PLANS 123089-GP1, 123089-GP2, 123089-GR1, AND 123089-GR2

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED BEFORE STARTING WORK. DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



NO.	REVISION	DATE	BY
2.	REISSUED FOR SITE PLAN CONTROL APPROVAL	SEP 25/20	FST
1.	ISSUED FOR SITE PLAN CONTROL APPROVAL	NOV 20/25	FST

DESIGN	FOR REVIEW ONLY
DESIGNED	KD
CHECKED	FST
DESIGNED	KD
CHECKED	FST
APPROVED	FST



LOCATION	CITY OF OTTAWA
PROJECT NAME	QUEENSWAY CARLETON HOSPITAL
DRAWING NAME	CIVIL DETAILS
PART	4 EXPANSION
PROJECT NO.	123089
REV	REV #2
DRAWING NO.	123089-DET 1

