

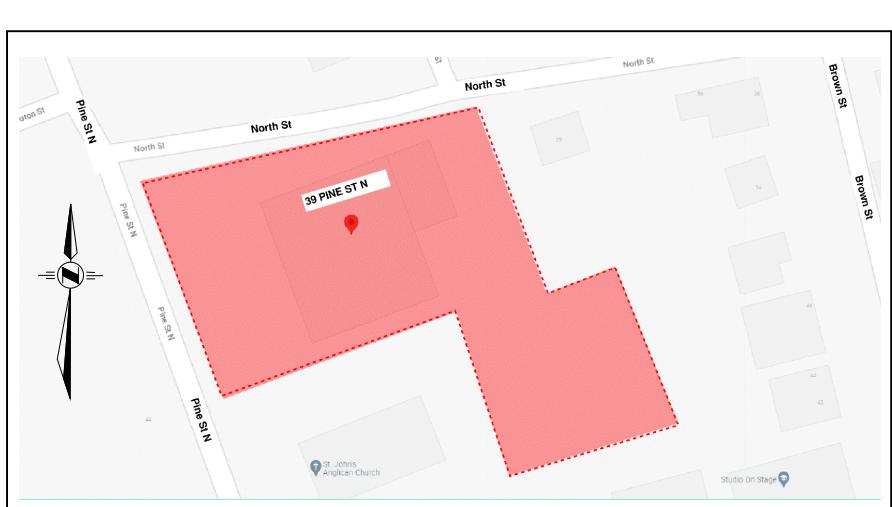


PLAN SHOWING TOPOGRAPHIC DETAIL OF PART OF TOWN PLOT LOT 70 AND 73
STEWART PLAN
PART OF LOTS 306 AND 314 AND ALL OF LOTS 522, 523 AND 524
SMITH ESTATE PLAN
TOWN OF PORT HOPE
MUNICIPALITY OF PORT HOPE
COUNTY OF NORTHUMBERLAND

BENCHMARK NOTES:
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO COSINE BENCHMARK 0011910U172, BEING A BOLT IN SOUTH STONE FOUNDATION OF PORT HOPE TOWN HALL, 25cm FROM SOUTHWEST CORNER, 48cm ABOVE SIDEWALK. ELEVATION=78.253(CGV)(1928:78)

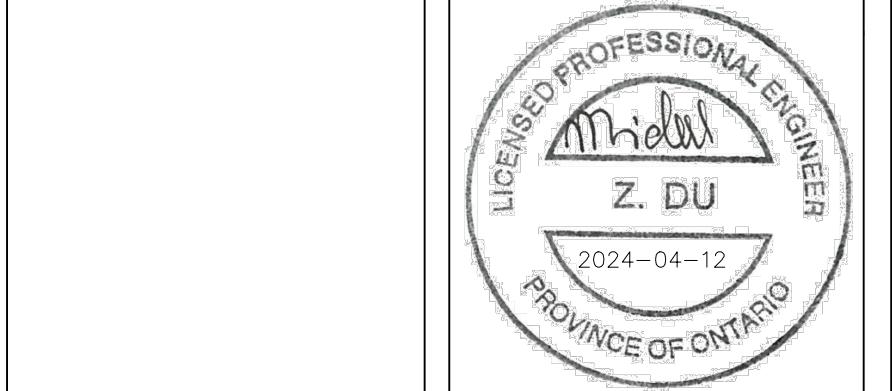
LEGEND

	PROPERTY LINE
	PROP. SWALE
	EX. OVERHEAD WIRES
	PROP. ELEVATION
	PROP. TOP OF CURB ELEVATION
	PROP. BOTTOM OF CURB ELEVATION
	PROP. TOP OF RETAINING WALL ELEVATION
	PROP. BOTTOM OF RETAINING WALL ELEVATION
	EX. ELEVATION
	EX. TOP OF RETAINING WALL ELEVATION
	EX. BACK OF CURB ELEVATION
	EX. EDGE OF GUTTER ELEVATION
	EX. EDGE OF ASPHALT ELEVATION
	EX. CABLE TV PEDESTAL
	EX. HYDRO POLE
	EX. FLAG POLE
	EX. FIRE HYDRANT TO BE REMAINED
	EX. WATER VALVE TO BE REMAINED
	EX. MONITORING WELL
	EX. CATCH BASIN
	EX. MANHOLE
	PROP. SANITARY MANHOLE
	PROP. STORM MANHOLE
	PROP. CATCH BASIN MANHOLE
	PROP. CATCH BASIN
	PROP. FIRE HYDRANT & VALVE
	PROP. WATER VALVE & BOX
	EX. TREE
	PROP. TREE
	DRAINAGE FLOW DIRECTION AND SLOPE
	OVERLAND FLOW ARROW
	PROP. HEAVY DUTY ASPHALT AREA
	PROP. LANDSCAPE AREA



KEYPLAN N.T.S.
THE LOCATION OF ALL UNDER- / ABOVE-GROUND UTILITIES AND SERVICES IS APPROXIMATE ONLY AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE UTILITIES AND SERVICES IS NOT GUARANTEED. THE OWNER AND / OR HIS REPRESENTATIVE SHALL DETERMINE THE LOCATION OF ALL UTILITIES AND SERVICES BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES.
DO NOT SCALE DRAWINGS.
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION.

No.	Issued	Date	By
1	ISSUED FOR SPA	2024-04-12	



WPE

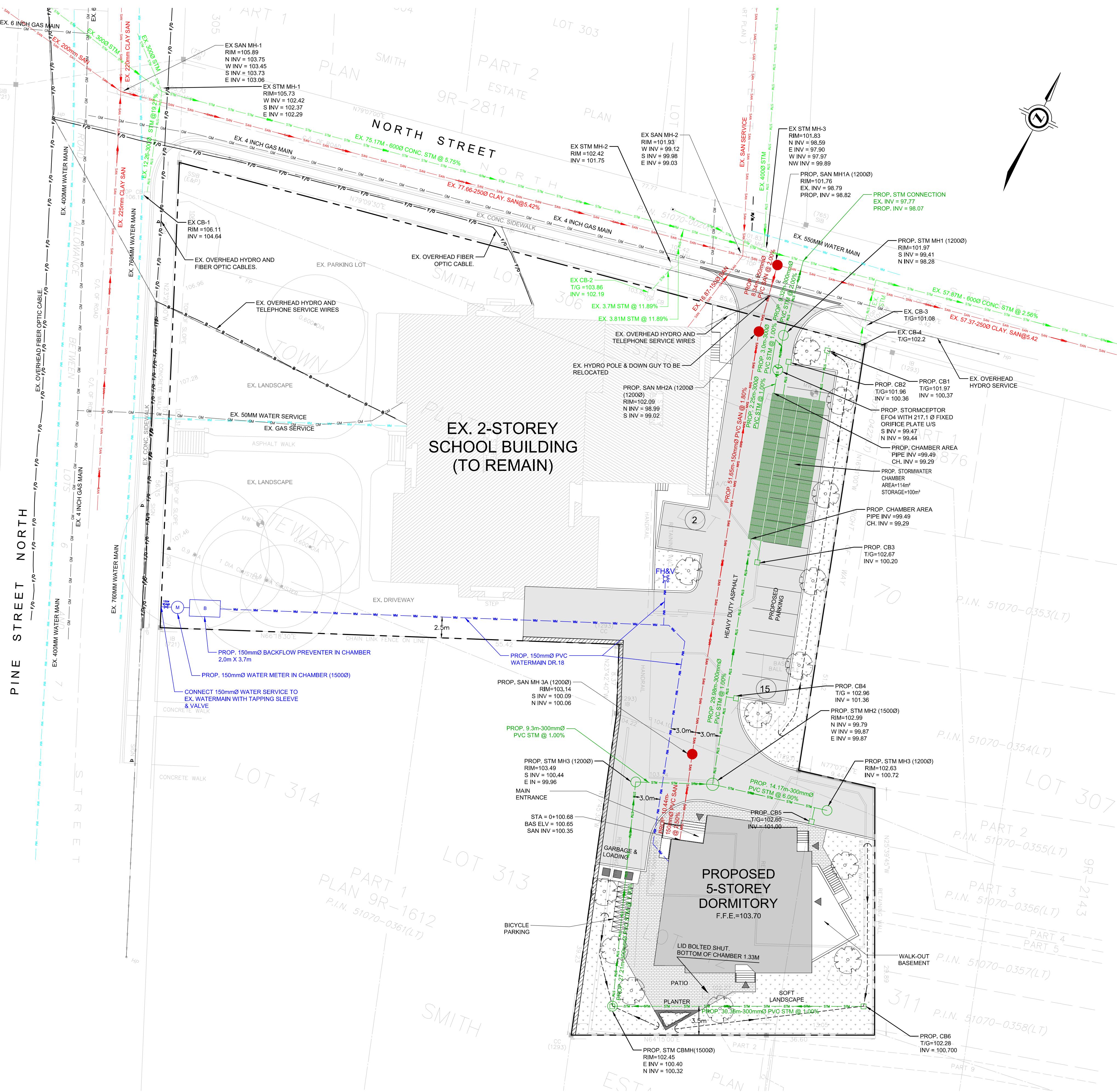
222 - 7250 KEELE STREET
VAUGHAN, ON, L4K 1Z8
T: 416 578 8682
EMAIL: MDU@WPEENGINEERING.COM
WWW.WPEENGINEERING.COM

PROPOSED SCHOOL DORMITORY BUILDING

39 PINE ST N PORT HOPE, ON L1A 3G5

Project Number	2021
Drawn	AL
Scale	1:250
Checked	ZD
Date	2023-10-04

Drawing No.	C-01
-------------	------



PLAN SHOWING TOPOGRAPHIC DETAIL OF PART OF TOWN PLOT LOT 70 AND 73 STEWART PLAN
PART OF LOTS 306 AND 314 AND ALL OF LOTS 522, 523 AND 524 SMITH ESTATE PLAN
TOWN OF PORT HOPE
MUNICIPALITY OF PORT HOPE
COUNTY OF NORTHUMBERLAND

BENCHMARK NOTES:
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO COSINE BENCHMARK 0011910U172, BEING A BOLT IN SOUTH STONE FOUNDATION OF PORT HOPE TOWN HALL, 25cm FROM SOUTHWEST CORNER, 48cm ABOVE SIDEWALK. ELEVATION=78.253(CCVD)(1928:78)

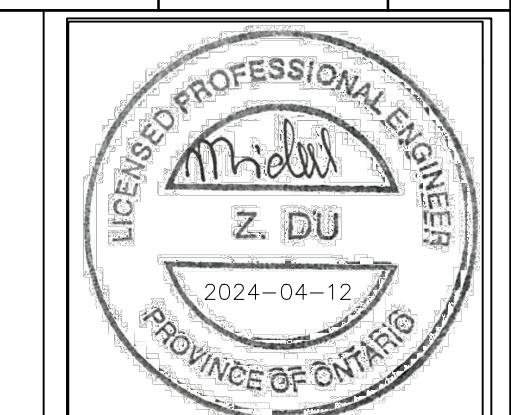
LEGEND

	PROPERTY LINE
	PROP. SWALE
	EX. OVERHEAD WIRES
	EX. SANITARY PIPE
	EX. STORM PIPE
	EX. WATERMAIN
	PROP. SANITARY PIPE
	PROP. STORM PIPE
	PROP. WATERMAIN
	EX. CABLE TV PEDESTAL
	EX. HYDRO POLE
	EX. FLAG POLE
	EX. FIRE HYDRANT TO REMAIN
	EX. WATER VALVE TO REMAIN
	EX. MONITORING WELL
	EX. CATCH BASIN
	EX. MANHOLE
	PROP. SANITARY MANHOLE
	PROP. STORM MANHOLE
	PROP. CATCH BASIN MANHOLE
	PROP. CATCH BASIN
	PROP. FIRE HYDRANT & VALVE
	PROP. WATER VALVE & BOX
	EX. TREE
	PROP. TREE
	PROP. HEAVY DUTY ASPHALT AREA
	PROP. LANDSCAPE AREA

KEYPLAN N.T.S.
THE LOCATION OF ALL UNDER- / ABOVE-GROUND UTILITIES AND SERVICES IS APPROXIMATE ONLY AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE UTILITIES AND SERVICES IS NOT GUARANTEED. THE OWNER AND / OR HIS REPRESENTATIVE SHALL DETERMINE THE LOCATION OF ALL UTILITIES AND SERVICES BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES.

DO NOT SCALE DRAWINGS.
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION.

No.	Issued	Date	By
1	ISSUED FOR SPA	2024-04-12	



WPE
222 - 7250 KEELE STREET
VAUGHAN, ON, L4K 1Z8
T: 416 578 8682
EMAIL: MDU@WPEENGINEERING.COM
WWW.WPEENGINEERING.COM

PROPOSED SCHOOL DORMITORY BUILDING

39 PINE ST N PORT HOPE, ON L1A 3G5

Project Number 2021
Drawn AL Scale 1:250
Checked ZD Date 2023-10-06

SERVICING PLAN
Drawing No. C-02

NOTES

UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE FOLLOWING REQUIREMENTS SHALL APPLY TO THIS PROJECT.

GENERAL

- ALL WORK WITHIN THE CITY RIGHT-OF-WAY SHALL BE CONSTRUCTED ACCORDING TO THE LATEST CITY OF TORONTO STANDARD DRAWINGS AND SPECIFICATIONS. ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS MAY, SUBJECTED TO THE APPROVAL OF THE CITY OF TORONTO, BE USED WHERE NO CITY STANDARD OR SPECIFICATION IS AVAILABLE.
- ALL SERVICES WITHIN R.O.W. TO BE REMOVED, ABANDONED AND INSTALLED BY CITY FORCES AT THE OWNER'S EXPENSE.
- ALL WORK SHALL BE COMPLETED ACCORDING TO THE CURRENT OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS. THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE ACCORDING TO THE CURRENT ONTARIO TRAFFIC MANUAL BOOK 7: TEMPORARY CONDITIONS FIELD EDITION.

LOCATES AND LIABILITIES

- ALL AREAS DISTURBED DURING CONSTRUCTION WITHIN THE CITY'S RIGHT-OF-WAY SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION AND TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR. GRASS AREAS SHALL BE TREATED WITH 100mm OF TOPSOIL AND SHALL BE SODDED ACCORDING TO TS 5.00 AND TS 5.10.
- THE LOCATION OF ALL UNDER/ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN AND, WHERE SHOWN ON THE DRAWING(S), THE ACCURACY OF THE LOCATION OF SUCH UTILITIES ARE NOT GUARANTEED. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DIMENSION OF ALL SUCH UTILITIES AND STRUCTURES BY CONSULTING THE APPROPRIATE AUTHORITIES OR UTILITY COMPANIES CONCERNED. THE CONTRACTORS SHALL PROVE THE LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE OR RESTORATION TO SAME.
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE SITE PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
- ANY DISCREPANCIES BETWEEN SITE CONDITIONS AND CONSTRUCTION DRAWINGS MUST BE REPORTED TO THE CITY PRIOR TO COMMENCEMENT OF CONSTRUCTION AND APPROPRIATE ACTION TAKEN TO THE SATISFACTION OF THE CONTRACT ADMINISTRATION.
- ALL SURVEY STAKE LAYOUT POINTS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE LAYOUT SHALL BE IMMEDIATELY REPORTED THE CITY.
- ATTENTION IS DIRECTED TO THE POSSIBILITY OF EXISTING PRIVATE SPRINKLERS AND LIGHTING SYSTEMS WITHIN THE RIGHT-OF-WAY, WHICH ARE NOT SHOWN ON PLANS, LOCATING, WORKING AROUND AND PROTECTING THESE SYSTEMS SHALL BE COMPLETED AT NO EXTRA COST TO THE CITY.
- ALL DIMENSION ARE EXPRESSED IN METERS AND PIPE SIZES ARE EXPRESSED IN MILLIMETERS UNLESS OTHERWISE NOTED.
- ALL MATERIAL FOR SEWER, FORCEMAIN, WATERMAIN, HYDRANTS AND APPURTENANCES SHALL BE ACCORDING TO CITY OF TORONTO MATERIAL/MANUFACTURER SPECIFICATIONS AS REQUIRED BY CHAPTER 6, MATERIAL SPECIFICATIONS FROM DESIGN CRITERIA FOR SEWERS AND WATERMAINS MANUAL.
- UTILITY SEPARATION SHALL BE ACCORDING TO APPENDIX 'D' OF THE CITY OF TORONTO DESIGN CRITERIA FOR SEWERS AND WATERMAINS MANUAL.
- SERVICE CONNECTIONS AND UTILITY CUTS MADE IN ROAD PAVEMENTS SHALL BE BACKFILLED WITH UNSHRINKABLE FILL ACCORDING TO TS 4.60.
- AT ALL LOCATIONS WHERE THE PROPOSED WATERMAIN CROSSES UNDER OR ABOVE THE EXISTING SEWERS, OR UTILITIES, GRANULAR A BEDDING MATERIAL IS TO EXTEND FROM THE LOWER PIPE TO THE TOP OF THE UPPER PIPE. GRANULAR A TO BE COMPACTED TO MINIMUM 98% OF MAXIMUM DRY DENSITY.
- CONTRACTOR TO PROVIDE ADEQUATE SUPPORT DURING CONSTRUCTION BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS. MAINTAIN 300mm MINIMUM VERTICAL CLEARANCES BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS LESS THAN 300mm IN DIAMETER. MAINTAIN 600mm MINIMUM VERTICAL CLEARANCES BETWEEN THE NEW WATERMAIN AND EXISTING GAS MAINS EQUAL TO OR GREATER THAN 300mm IN DIAMETER.
- ALL EXISTING WATERMAINS AND SEWER PIPES LARGER THAN 300mm DIAMETER SHALL BE SUPPORTED ACCORDING TO DRAWING T-1007.01-4.
- ALL PROPOSED SERVICE CONNECTIONS WITHIN THE MUNICIPAL RIGHT-OF-WAY TO BE INSTALLED BY THE CITY AT THE OWNER'S COST.

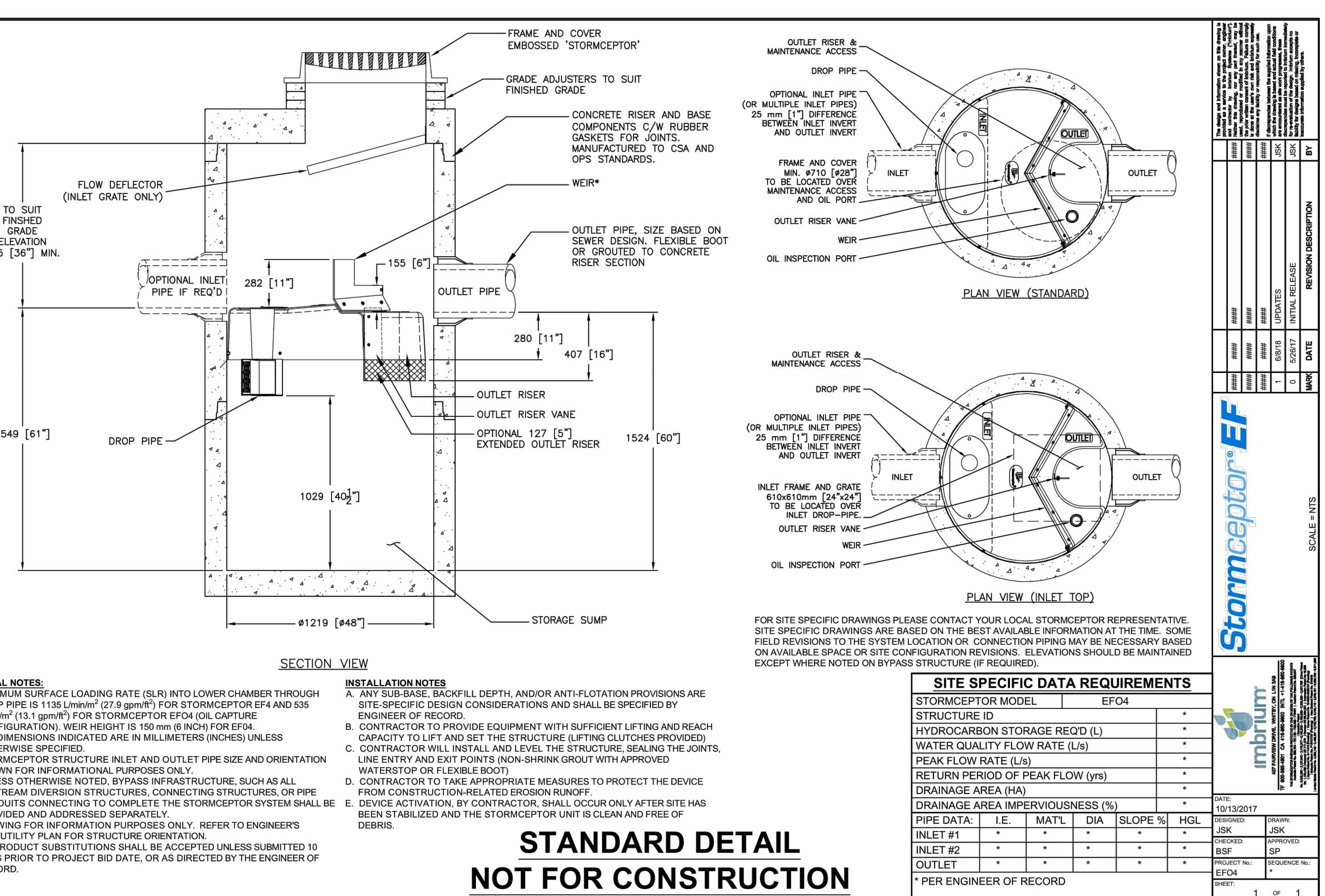
SANITARY AND STORM SEWERS

- ALL EXISTING SEWERS ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION, INCLUDING SEWER INVERTS, MATERIAL AND SIZE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
- MAINLINE PVC PIPE SHALL BE DR 35.
- ALL SANITARY SEWER PIPES SMALLER THAN 300mm SHALL BE PVC AND HAVE SMOOTH INTERIOR AND EXTERIOR WALL AND CONFORM TO OPSS 1841 MATERIAL SPECIFICATION. ALL OTHER SIZED SANITARY PIPES SHALL BE COMPOSED OF REINFORCED CONCRETE AND COMPLY WITH OPSS 1820 MATERIAL SPECIFICATION.
- ALL STORM SEWER GREATER THAN 375mm SHALL BE STEEL REINFORCED CONCRETE AND SHALL CONFORM TO OPSS 1820 MATERIAL SPECIFICATION.
- SANITARY SERVICE CONNECTIONS SHALL BE SINGLE, 150mm DIAMETER MINIMUM, PVC DR 28 INSTALLED AT 2 PERCENT AND THE COLOUR SHALL BE GREEN, FOR SINGLE RESIDENTIAL DWELLINGS.
- STORM SERVICE CONNECTION PIPE SHALL BE PVC DR 28, CSA B182.2-06 CERTIFIED, AND ASTM D3034-04A.
- EMBEDMENT MATERIAL FOR FLEXIBLE PIPE SHALL BE ACCORDING TO OPSD 802.010 AND USING GRANULAR A NATIVE OR GRANULAR A RCM ACCORDING TO TS 1010 AND COMPACTED TO MINIMUM 98% OF MAXIMUM DRY DENSITY.
- BEDDING FOR RIGID PIPE SHALL BE CLASS B BEDDING MATERIAL ACCORDING TO OPSD 802.031 AND USING GRANULAR A NATIVE OR GRANULAR A RCM BEDDING MATERIAL ACCORDING TO TS 1010 AND COMPACTED TO A MINIMUM OF 98% OF MAXIMUM DRY DENSITY.
- ULTRA-RIB PIPE IS NOT PERMITTED WITHIN THE MUNICIPAL RIGHT-OF-WAY.
- MAINTENANCE HOLES SHALL BE ACCORDING TO T-701.010 (1200mm), T-701.011 (1500mm), T-701.012-1 (1800mm) OR T-701.013 (2400mm). FRAME AND COVER SHALL BE ACCORDING TO OPSD 401.010 TYPE A CLOSED (SANITARY AND STORM).
- MAINTENANCE HOLE CHAMBER OPENING MUST BE LOCATED ON THE UPSTREAM SIDE OF THE MAINTENANCE HOLE.
- BENCHING DETAILS SHALL BE ACCORDING TO T-701.021 OR AS SHOWN ON THE DRAWINGS.
- DROP STRUCTURES SHALL BE ACCORDING TO T-1003.01 (EXTERNAL) AND T-1003.01-2 (INTERNAL).
- SANITARY MAINTENANCE HOLES SHALL HAVE WATERTIGHT FRAMES AND COVERS IN PONDING AREA ACCORDING TO OPSD 401.030.
- REINFORCED CONCRETE PIPE SHALL BE MINIMUM 65-D. HEIGHT OF FILL TO BE VERIFIED USING OPSD TABLE 807.01 AND 807.030.
- NON-REINFORCED CONCRETE PIPE 150mm TO 250mm SHALL BE CLASS 3. HEIGHT OF FILL TO BE VERIFIED USING OPSD TABLE 807.040.
- SINGLE CATCHBASINS SHALL BE ACCORDING TO T-705.010 COMPLETE WITH GOSS TRAP, WHERE SPECIFIED. FRAME AND COVER SHALL BE ACCORDING TO OPSD 400.070.
- DOUBLE CATCHBASINS SHALL BE ACCORDING TO T-705.020 COMPLETE WITH GOSS TRAP, WHERE SPECIFIED.
- CATCHBASIN LEADS TO BE 250mm PVC DR 35 FOR SINGLE CATCHBASINS AND 300mm PVC DR 35 FOR DOUBLE CATCHBASINS.
- CONNECTION DETAIL FOR SEWER PIPE AT CATCHBASINS AND MAINTENANCE HOLES SHALL BE ACCORDING TO T708.020.
- STORM SERVICE CONNECTION PIPE SHALL BE PVC SDR-28, CSA B182.2-06 CERTIFIED, AND ASTM D3034-04A.
- FOR SERVICE CONNECTIONS ON EXISTING SEWERS, THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES. SEWER CONNECTIONS MUST BE CONNECTED TO THE MAIN SEWER BY MEANS OF A SADDLE, WHERE APPROPRIATE. THE CONNECTION WILL TERMINATE AT THE PROPERTY LINE AND MUST BE PROPERLY PLUGGED. THE SADDLE FOR THE SADDLE ON THE MAIN SEWER MUST BE MADE BY A CORE DRILL ONLY. THE DIAMETER OF THE CORE MUST NOT EXCEED THE OUTSIDE DIAMETER OF THE SADDLE BRANCH INSERT BY 25mm. WHERE CORE DRILLING IS NOT POSSIBLE, THE CONTRACTOR MUST CONNECT TO THE MAIN SEWER BY APPROPRIATE MEANS, APPROVED BY THE CITY. SEWER CONNECTIONS MUST BE LAID ON SOLID GROUND AND MUST HAVE A MINIMUM OF 75mm OF CLASS B BEDDING.

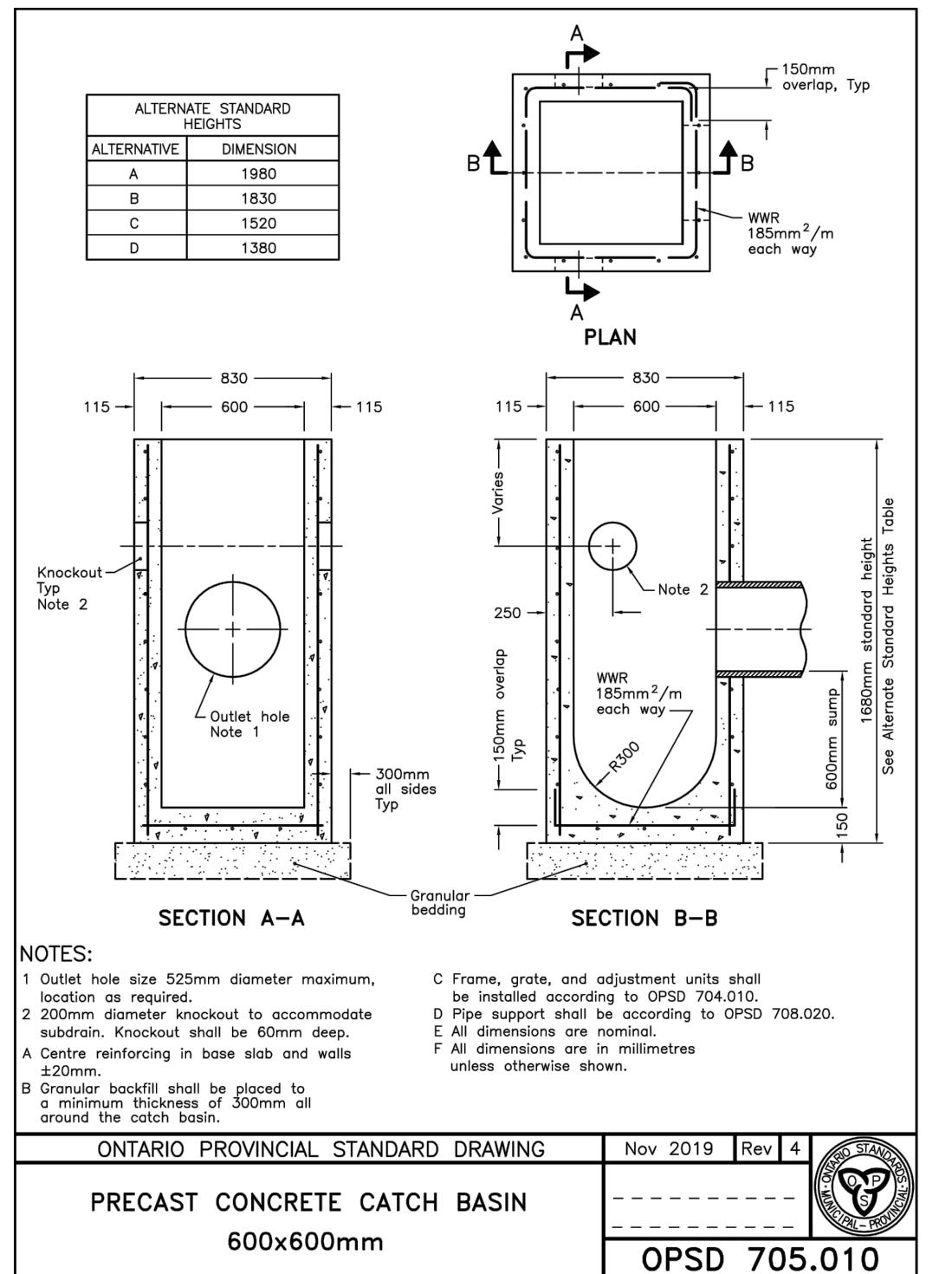
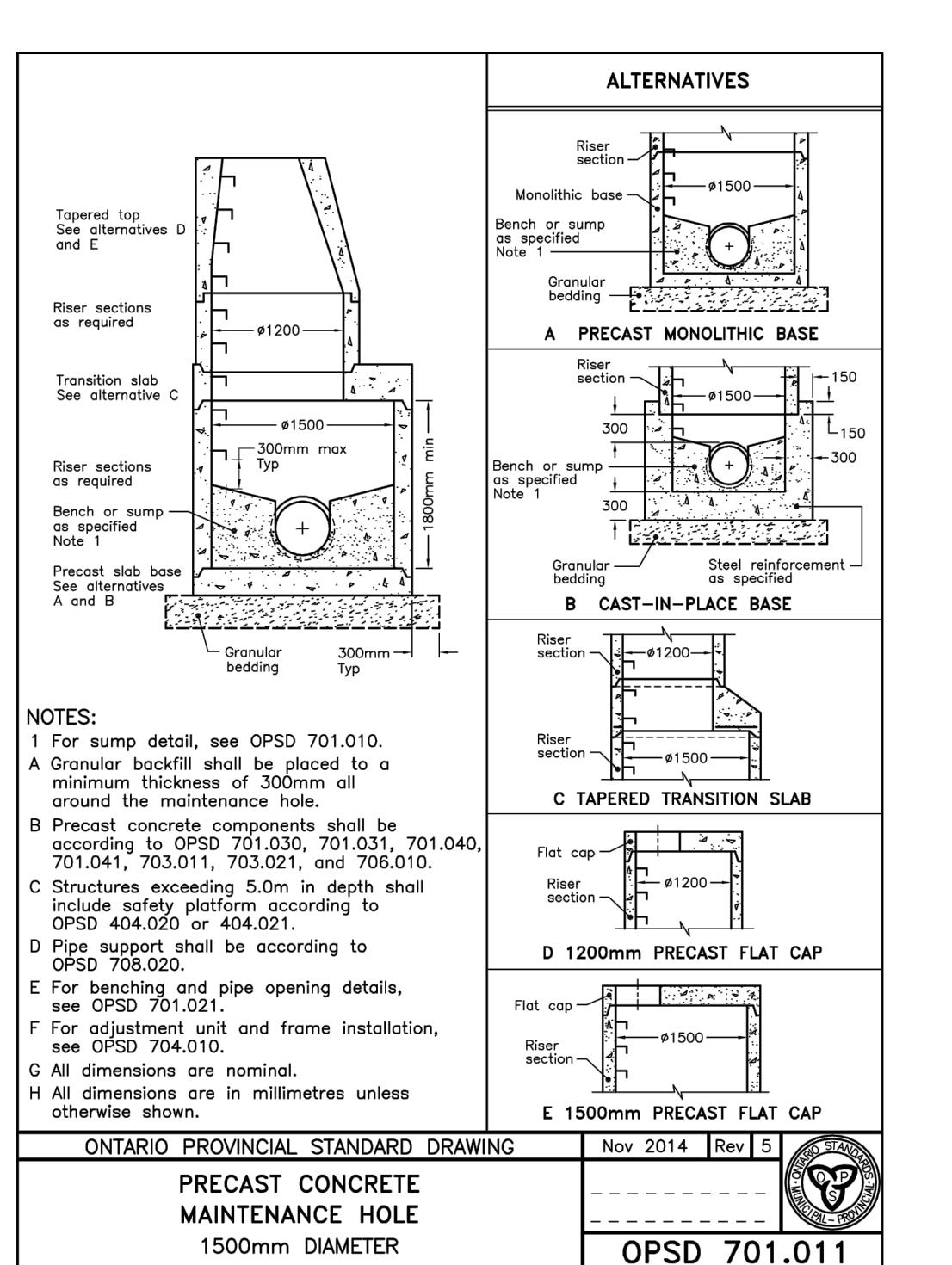
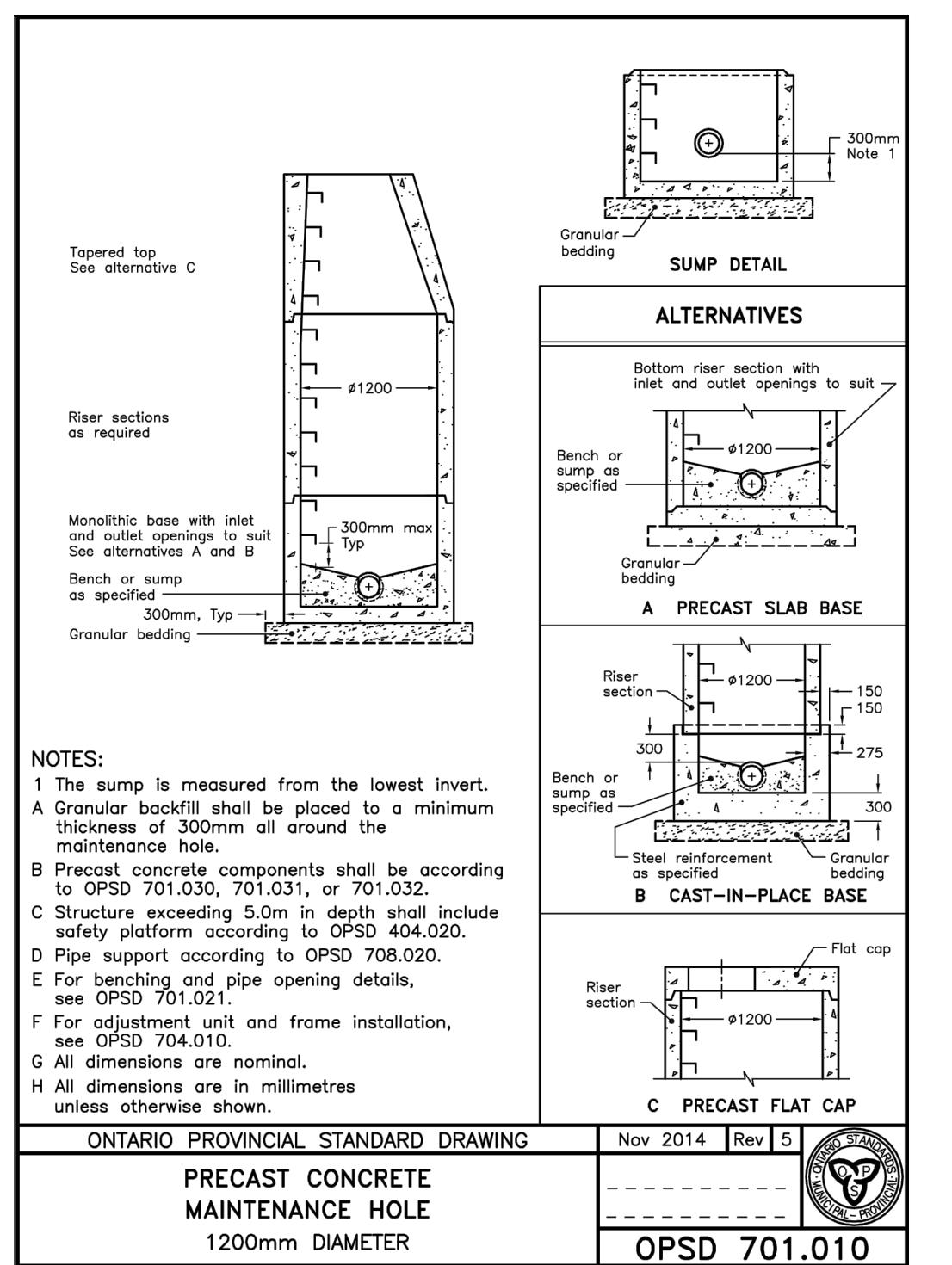
ROAD CONSTRUCTION

WATERMAIN

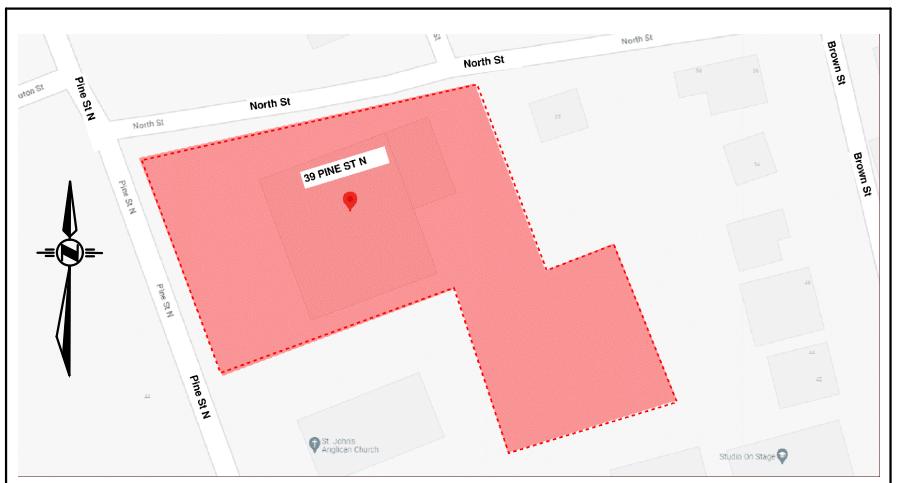
- PVC WATERMAINS SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07 OR MOLECULAR ORIENTED POLYVINYL CHLORIDE (PVC) PIPES RANGING IN SIZE FROM 100mm TO 300mm IN DIAMETER PRESSURE CLASS 235. AWWA C909.09. PVC PIPES RANGING IN SIZE FROM 350mm THROUGH 600mm IN DIAMETER, SHALL BE PRESSURE RATING 235, DR 18, ACCORDING TO AWWA C905-10.
- EMBEDMENT MATERIAL FOR FLEXIBLE PIPE SHALL BE ACCORDING TO OPSD 802.010 AND USING GRANULAR A ACCORDING TO TS 1010 AND COMPACTED TO MINIMUM 98% OF MAXIMUM DRY DENSITY.
- MINIMUM COVER ON WATERMAINS SHALL BE 1.8m.
- ALL HYDRANTS SHALL BE CONSTRUCTED ACCORDING TO T-1105.01.
- HYDRANT LEADS SHALL BE MINIMUM DR 18 CLASS 235 (AWWA) C900-07 OR PRESSURE CLASS 235 AWWA C909-09.
- ALL SERVICE CONNECTIONS SHALL BE CONSTRUCTED ACCORDING TO T-1104.01, T-1104.02-1, T-1104.02-3, T-1105.02-1 AND T-1105.02-2.
- SINGLE WATER SERVICE CONNECTIONS SHALL BE A MINIMUM OF 19mm Dia., TYPE 'K' SOFT COPPER ACCORDING TO T-1104.01. WHEN SERVICE LENGTH EXCEEDS 30m, THE DIAMETER SHALL BE 25mm Dia.
- ALL CURB AND VALVE BOXES TO BE LOCATED AT STREET LINE.
- MECHANICAL THRUST RESTRAINTS SHALL BE INSTALLED AT ALL FITTINGS, BENDS, TEES, CROSSES, REDUCERS AND VALVES FOR ALL WATERMAIN SIZES. MECHANICAL RESTRAINTS AT JOINTS SHALL BE INSTALLED AT EVER PIPE JOIN 6.1m OF EITHER SIDE OF THE VALVE FOR WATERMAINS 100mm DIAMETER OR LARGER.
- ALL TEES, PLUGS, HORIZONTAL, VERTICAL BENDS, REDUCERS AND HYDRANTS TO HAVE CONCRETE THRUST BLOCKS ACCORDING TO T-1103.01 AND T-1103.020.
- WATERMAINS MUST FOLLOW THE ONTARIO MINISTRY OF THE ENVIRONMENT PROCEDURE F-6-1 THAT GOVERN THE SEPARATION OF SEWERS AND WATERMAINS. A MINIMUM VERTICAL CLEARANCE OF 0.30m WHEN CROSSING OVER A 0.3m WHEN CROSSING UNDER SEWERS AND ALL OTHER UTILITIES IS REQUIRED. MUST ALSO MAINTAIN 2.5m HORIZONTAL SEPARATION WITH SEWERS.
- ALL VALVES LESS THAN 400mm WILL BE IN A VALVE AND BOX ACCORDING TO T-1101.02-2. ALL VALVES 400mm AND LARGER SHALL BE A CUPPER.
- SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL METALLIC PIPES AND APPURTENANCES, WATER SERVICES AND FITTINGS ACCORDING TO T-1106.04, T-1106.05, T-1106.06 AND TS 7.22.
- TRACER WIRE INSTALLATION SHALL BE ACCORDING TO TS 7.40.
- HYDROSTATIC PRESSURE TEST AND LEAKAGE TESTING OF THE WATERMAIN SHALL BE ACCORDING TO TS 44.
- THE NEW WATERMAIN SHALL BE ISOLATED ACCORDING TO T-1104.03-3 OR T-1104.03-4 UNTIL BACTERIOLOGICAL TESTS ARE SATISFACTORILY COMPLETED.
- PROVISIONS FOR FLUSHING THE WATERMAIN PRIOR TO TESTING AND SO FORTH MUST BE PROVIDED WITH AT LEAST A 50mm OUTLET ON 100mm AND LARGER LINES ACCORDING TO T-1104.03-1. COPPER WATER SERVICES SHALL HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. ON FIRE LINES, FLUSHING OUTLET TO BE 50mm DIAMETER MINIMUM OR A HYDRANT.
- DISINFECTION OF THE WATERMAIN SHALL BE ACCORDING TO TS 7.30 AND SHALL INCLUDE ALL NEW WATER SERVICES 100mm Dia. AND LARGER.
- TORONTO WATER REQUIRES THAT THE NEW DISTRIBUTION SYSTEM REMAIN ISOLATED UNTIL SATISFACTORY BACTERIOLOGICAL SAMPLE RESULTS ARE RECEIVED. ECS CONTRACT ADMINISTRATOR SHALL NOTIFY TORONTO WATER WHEN SAMPLE RESULTS HAVE PASSED IN ORDER TO PROCEED WITH REMOVAL OF THE BLOW-OFF AND BACK FILLING OF THE ACCESS PIT.
- AFTER SATISFACTORY DISINFECTION OF THE NEW WATERMAIN IS ACHIEVED, PERMANENT CONNECTIONS TO THE EXISTING WATERMAIN(S) WITH A FILTER PIECE SHALL BE MADE ACCORDING TO TS 7.70.
- CITY IN-SERVICE WATER VALVES, CURB STOPS, FIRE HYDRANTS CAN ONLY BE OPERATED BY TORONTO WATER STAFF.
- ALL NEW WATERMAINS SHALL BE INSULATED WHERE THE COVER IS LESS THAN 1.65m ACCORDING TO T-708.01-4.
- BUILDING PERMIT ISSUANCE SHALL BE SUBJECT TO THE BUILDING PERMIT DRAWINGS NOT BEING IN CONTRAVENTION WITH THESE APPROVED PLANS AND DRAWINGS INCLUDING, BUT NOT LIMITED TO, THE EXTERIOR DESIGN OF THE BUILDING AND EXTERIOR BUILDING MATERIALS.



STANDARD DETAIL NOT FOR CONSTRUCTION



Drawing No. **C-03**



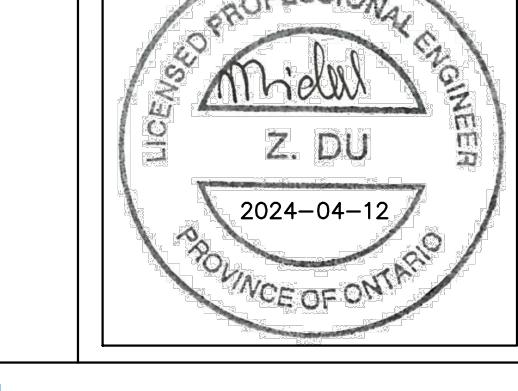
KEYPLAN N.T.S

THE LOCATION OF ALL UNDER- / ABOVE-GROUND UTILITIES AND SERVICES IS APPROXIMATE ONLY AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE UTILITIES AND SERVICES IS NOT GUARANTEED. THE OWNER AND / OR HIS REPRESENTATIVE SHALL DETERMINE THE LOCATION OF ALL UTILITIES AND SERVICES BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES.

DO NOT SCALE DRAWINGS.

CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION.

No.	Issued	Date	By
1	ISSUED FOR SPA	2024-04-12	
			 WPE 222 - 7250 KEELE STREET VAUGHAN, ON. L4K 1Z8 T: 416 578 8682 EMAIL: MDU@WPEENGINEERING.COM WWW.WPEENGINEERING.COM

LICENSED PROFESSIONAL ENGINEER
Z. DU
2024-04-12
PROVINCE OF ONTARIO

PROPOSED SCHOOL
DORMITORY BUILDING
39 PINE ST N PORT HOPE, ON L1A 3G5

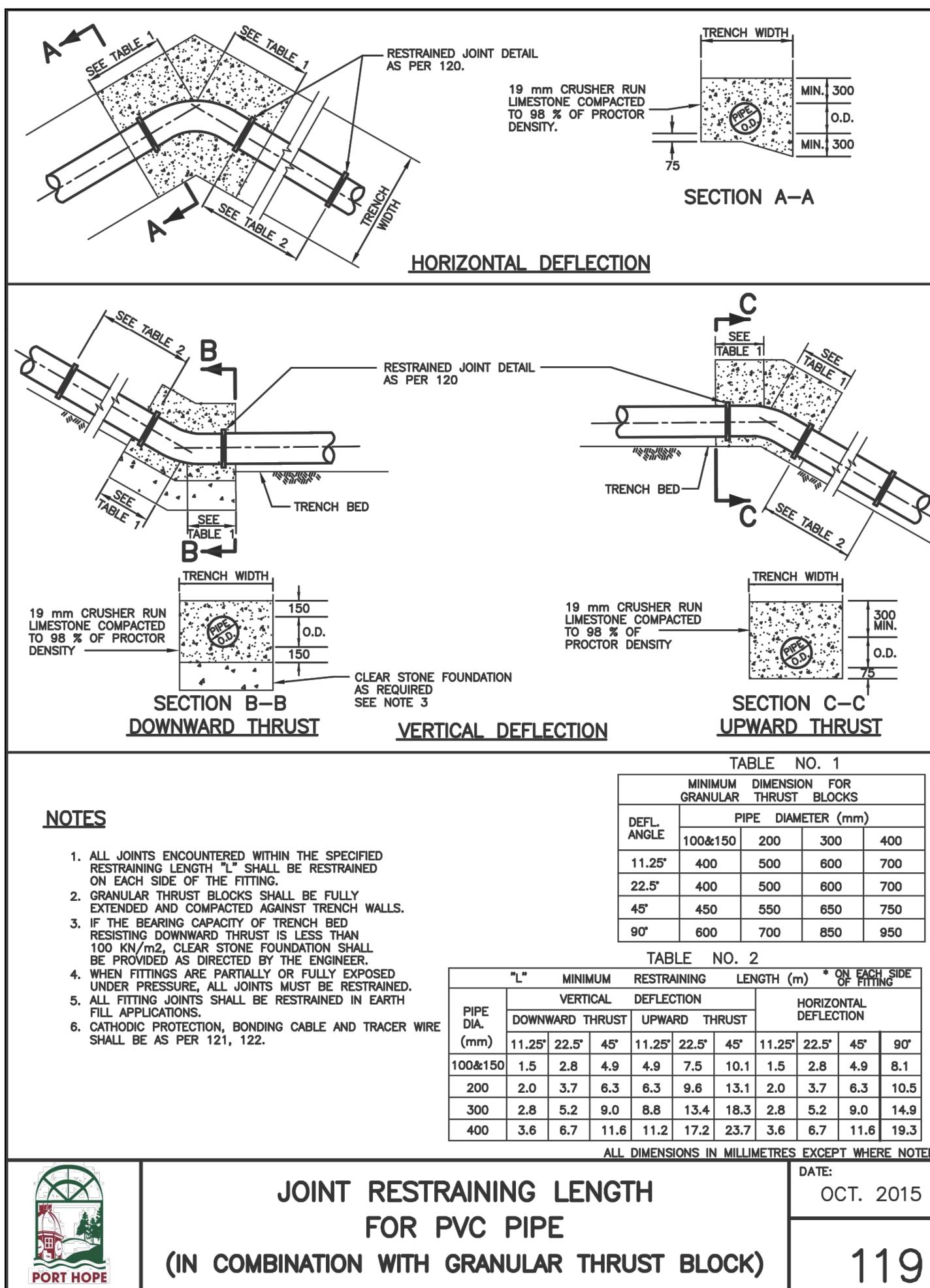
Project Number **2021**

Drawn **AL** Scale **NTS**

Checked **ZD** Date **2023-10-06**

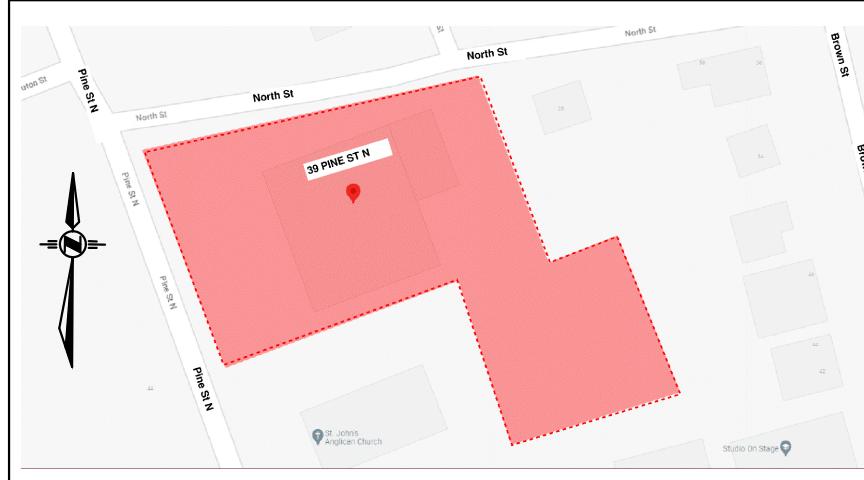
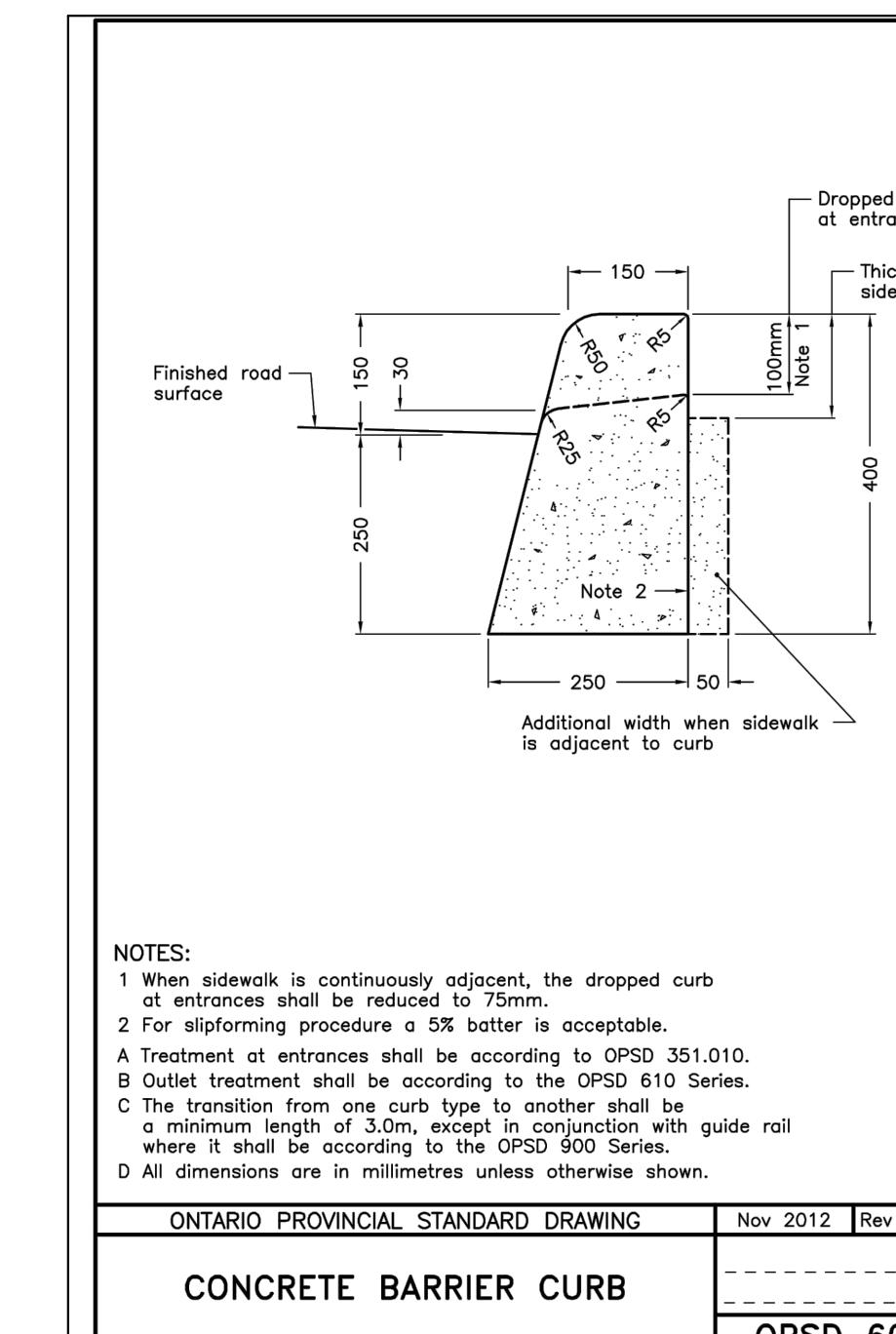
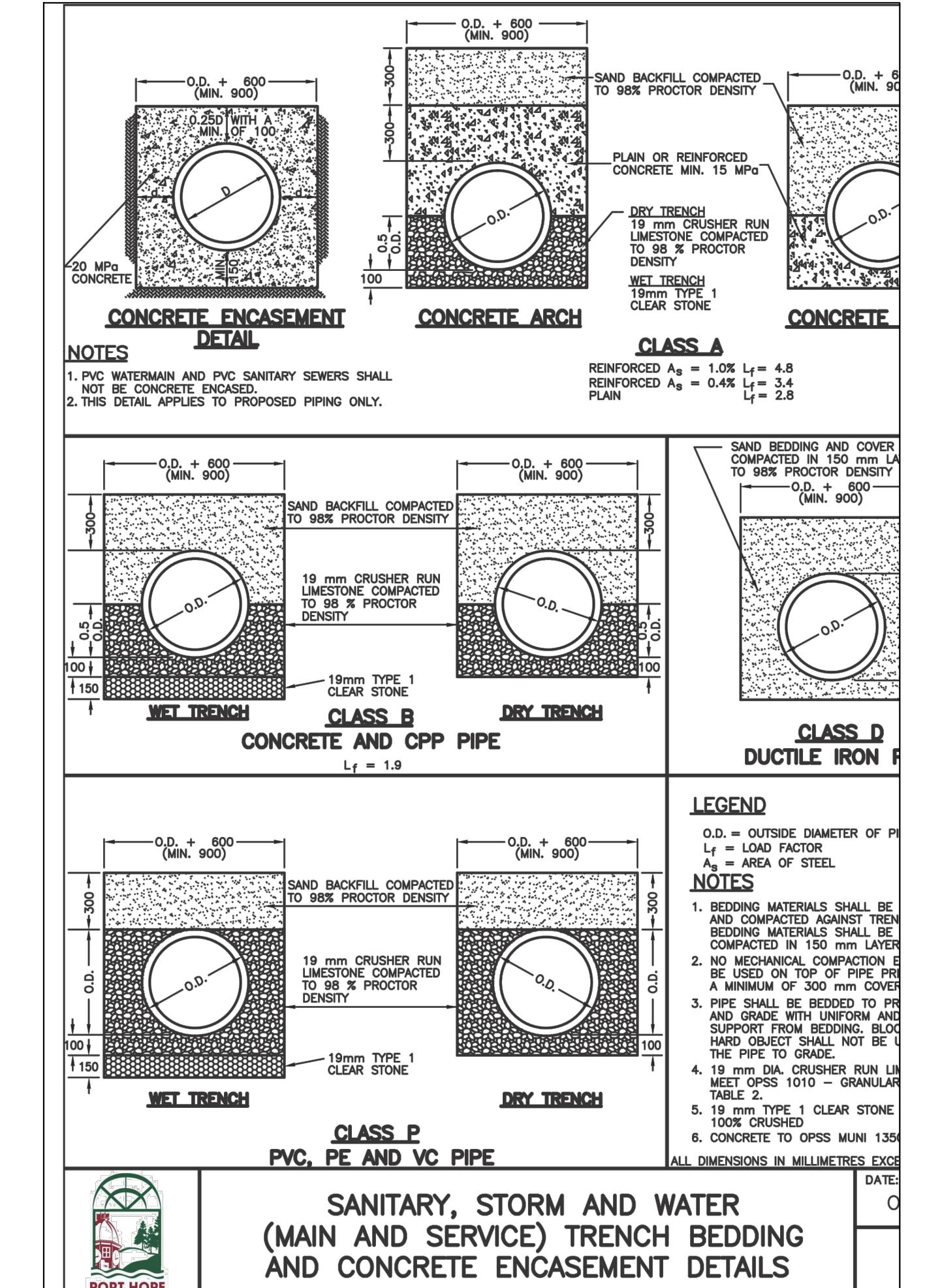
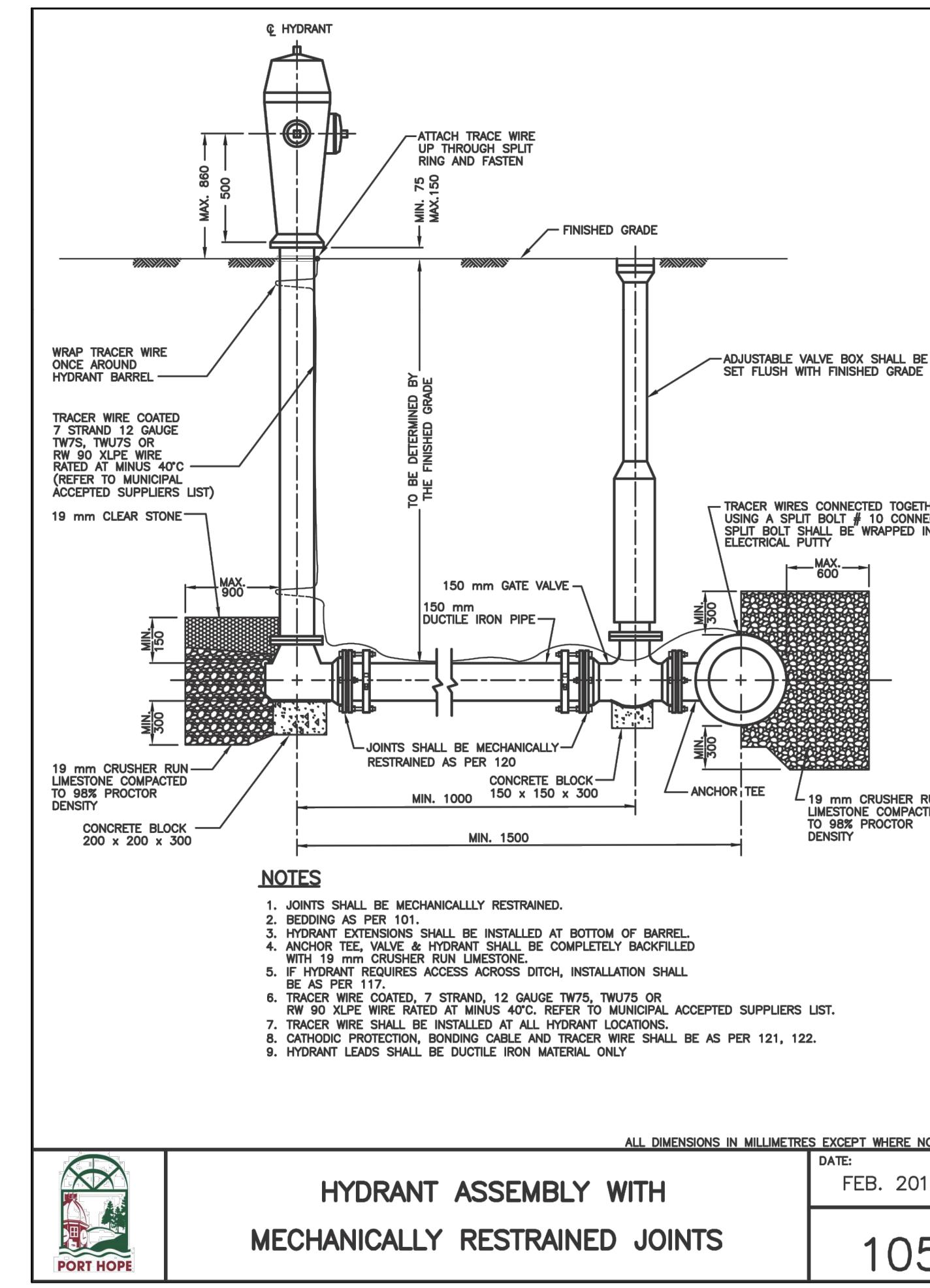
**STANDARD
DRAWING & DETAILS**

Drawing No.



JOINT RESTRAINING LENGTH FOR PVC PIPE (IN COMBINATION WITH GRANULAR THRUST BLOCK)

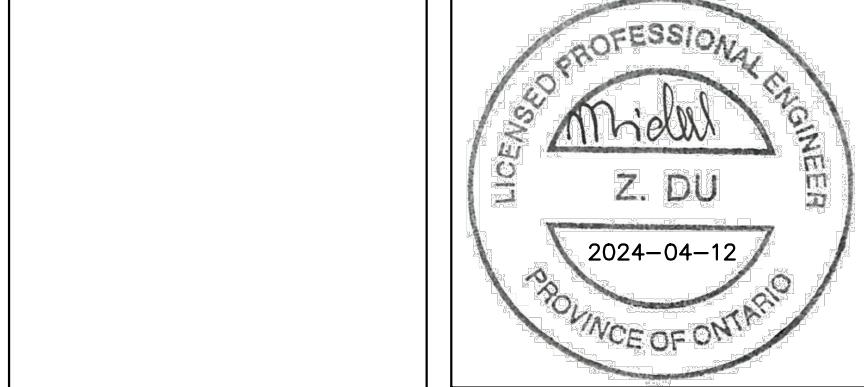
119



KEYPLAN N.T.S.
THE LOCATION OF ALL UNDER- / ABOVE-GROUND UTILITIES AND SERVICES IS APPROXIMATE ONLY AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE UTILITIES AND SERVICES IS NOT GUARANTEED. THE OWNER AND / OR HIS REPRESENTATIVE SHALL DETERMINE THE LOCATION OF ALL UTILITIES AND SERVICES BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES.

DO NOT SCALE DRAWINGS.
CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION.

No.	Issued	Date	By
1	ISSUED FOR SPA	2024-04-12	



WPE

222 - 7250 KEELE STREET
VAUGHAN, ON, L4K 1Z8
T: 416 578 8682
EMAIL: MDU@WPEENGINEERING.COM
WWW.WPEENGINEERING.COM

PROPOSED SCHOOL DORMITORY BUILDING
39 PINE ST N PORT HOPE, ON L1A 3G5

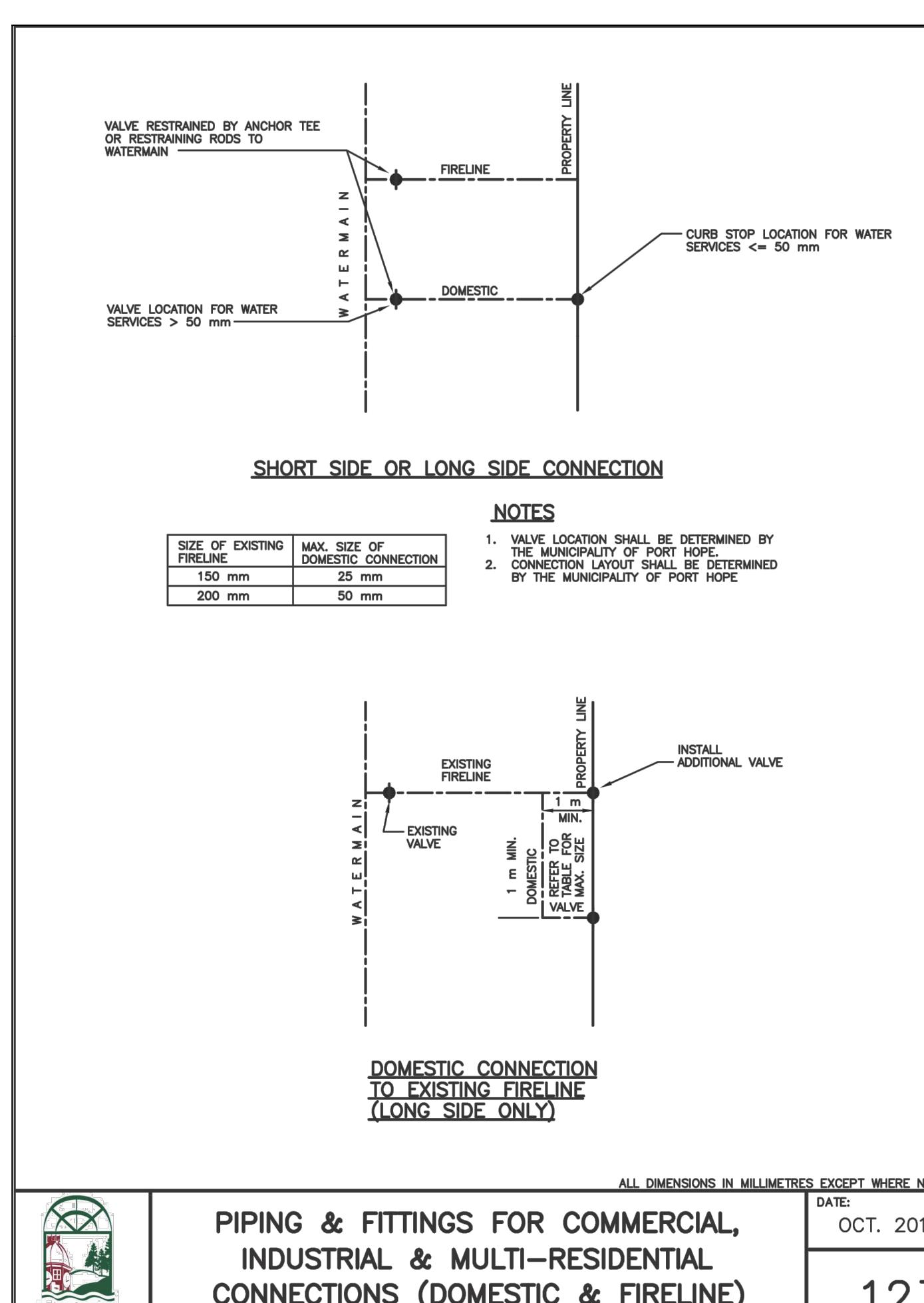
Project Number 2021

Drawn AL Scale NTS

Checked ZD Date 2023-10-06

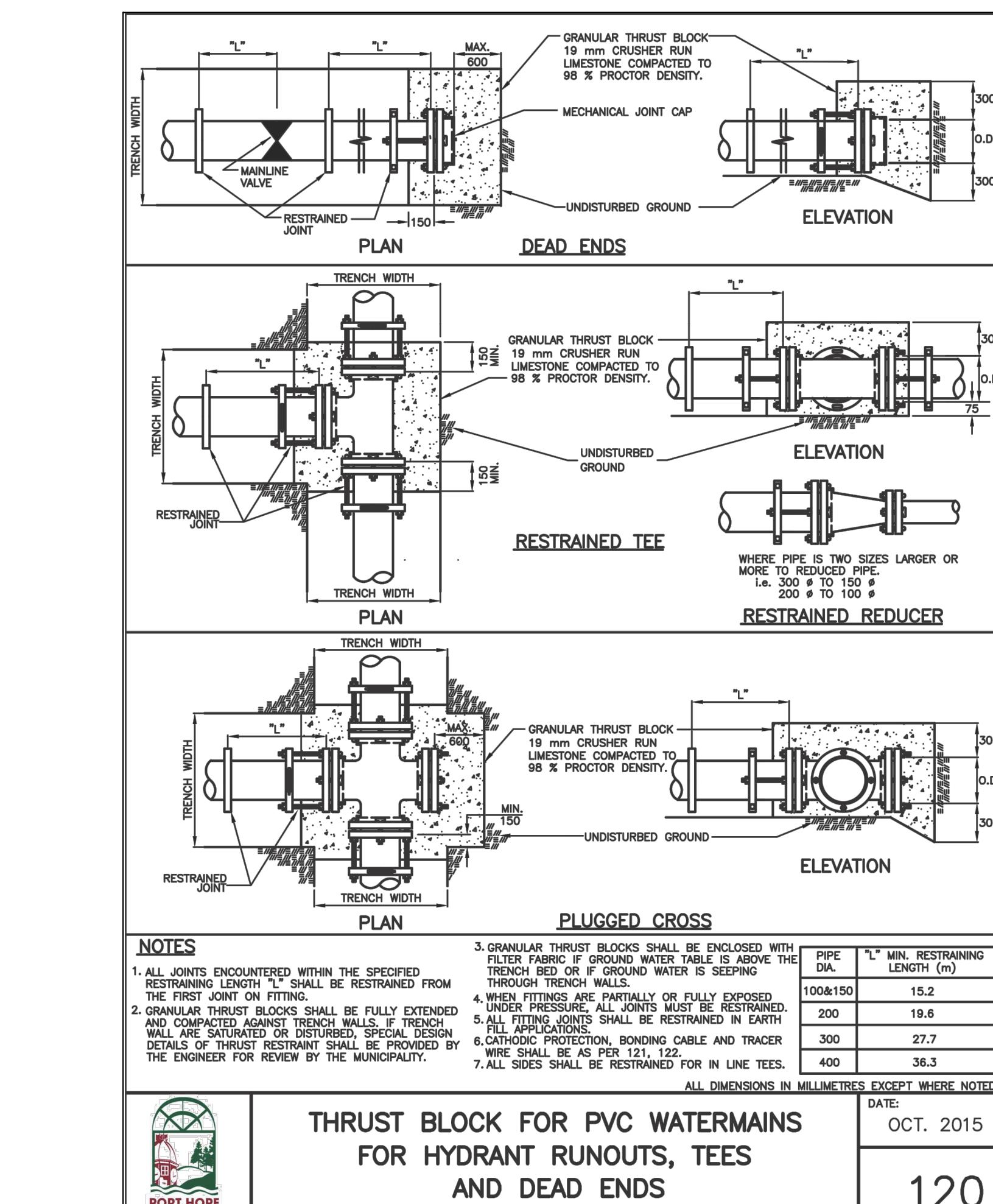
STANDARD DRAWING & DETAILS

Drawing No. C-04



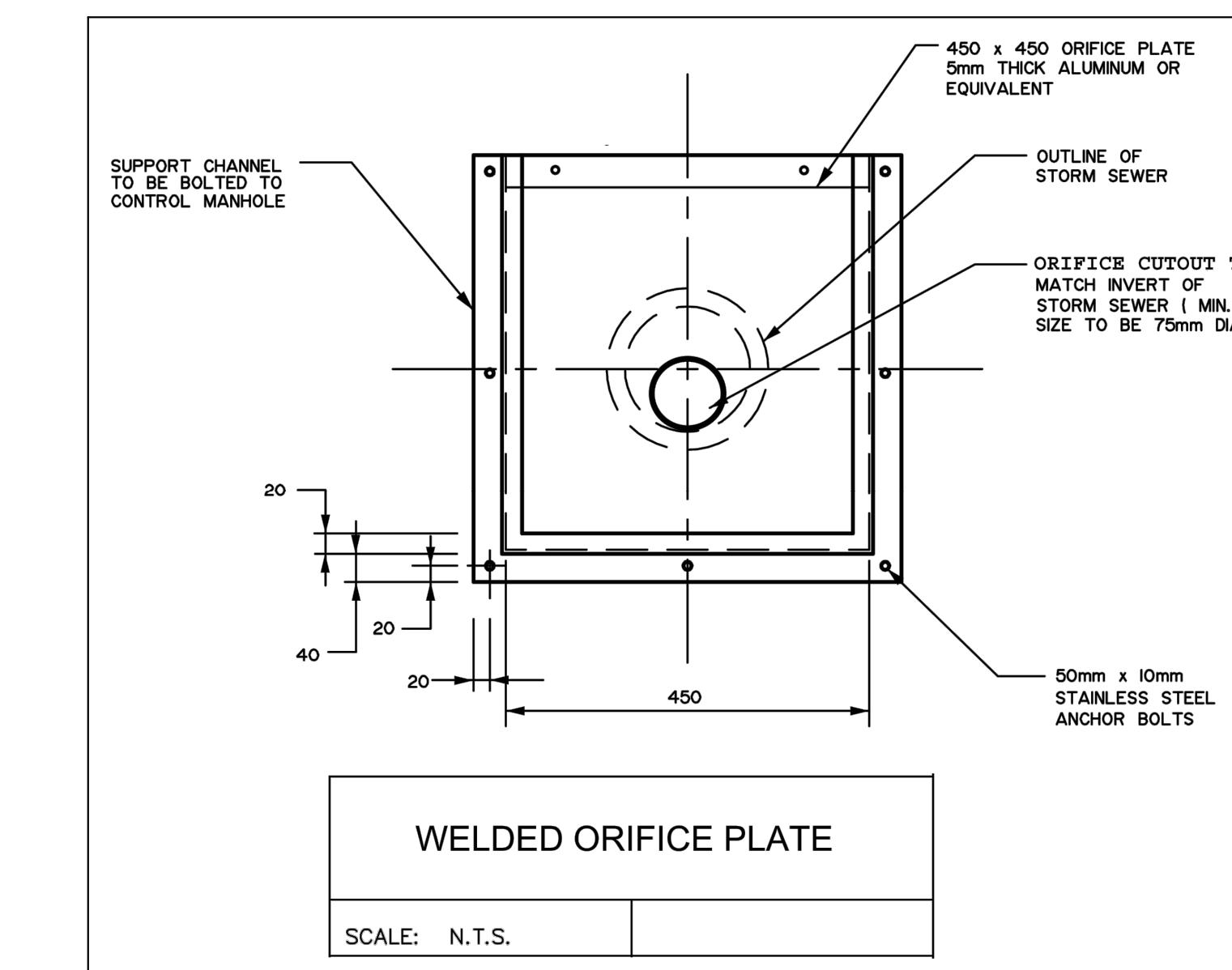
PIPING & FITTINGS FOR COMMERCIAL, INDUSTRIAL & MULTI-RESIDENTIAL CONNECTIONS (DOMESTIC & FIRELINE)

123



THRUST BLOCK FOR PVC WATERMAINS FOR HYDRANT RUNOUTS, TEES AND DEAD ENDS

DATE: OCT. 2015



FIXED ORIFICE PLATE DETAIL

