

GENERAL NOTES:

- PRIOR TO STARTING ANY WORKS, THE CONTRACTOR MUST ENSURE THAT ALL NECESSARY APPROVALS ARE IN PLACE FROM THE TOWN OF PICTON, PRINCE EDWARD COUNTY AND OTHER EXTERNAL AGENCIES, AS REQUIRED.
- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- ALL WORK AND MATERIALS TO CONFORM WITH THE CURRENT PROVINCIAL BUILDING CODE, MINISTRY OF THE ENVIRONMENT CONSERVATION AND PARKS, TOWN OF PICTON, PRINCE EDWARD COUNTY, ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS, LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.

- FOR ALL CONSTRUCTION DETAILS NOT SHOWN ON THE DRAWINGS, REFERENCE SHALL BE MADE TO THE DESIGN STANDARDS OF THE TOWN OF PICTON AND PRINCE EDWARD COUNTY.
- THE CONTRACTOR IS ADVISED THAT WORKS BY OTHERS MAY BE ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
- THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS PROVIDED BY OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY EACH PROVIDER PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE REPORTED TO THE ENGINEER. ALL PIPES AND PIPES TO CONSTRUCTION, LOST TIME AND/OR ANY ADDITIONAL WORKS DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF ANY CONFLICTS. HRS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTORS EXPENSE.

- THE CONTRACTOR MUST INSTALL ALL SEDIMENT CONTROL DEVICES PRIOR TO THE COMMENCEMENT OF SITE GRADING WORKS. SILT LAIDEN WATER MUST NOT BE PERMITTED TO ENTER INTO ANY EXISTING CATCH BASINS, INLET STRUCTURES, OR WATERCOURSES. ADDITIONAL CATCH BASINS AS DEMERED REQUIRED BY THE AUTHORITIES AND/OR THE ENGINEER DURING CONSTRUCTION ACTIVITIES SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR MUST INSPECT SEDIMENT CONTROLS ON A REGULAR BASIS AND AFTER EVERY RAINFALL EVENT. SEDIMENT CONTROL DEVICES MUST BE MAINTAINED UNTIL SERVING CONSTRUCTION IS COMPLETED TO THE SATISFACTION OF THE ENGINEER. THE CITY OF RICHMOND HILL AND REGION OF YORK.

- ALL DIMENSIONS, ELEVATIONS AND OTHER INFORMATION SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR 72 HOURS PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES FOUND MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.

- THE CONTRACTOR IS TO PROVIDE A TOTAL OF TWO CCTV CAMERA INSPECTIONS OF ALL SANITARY AND STORM SEWERS, INCLUDING PICTORIAL REPORT AND TWO COPIES IN A FORMAT SATISFACTORY TO THE ENGINEER. ALL SEWERS ARE TO BE FLUSHED PRIOR TO CAMERA INSPECTION.

- LASER ALIGNMENT CONTROL TO BE UTILIZED ON ALL SEWER INSTALLATIONS.

- ALL PVC SANITARY SEWERS TO BE MANDREL AND AIR TESTED.

- ALL PVC STORM SEWERS TO BE MANDREL TESTED. AIR TEST ONLY ON RECOMMENDATION BY SOIL CONSULTANT.

- ALL RESTORATIONS AND RELOCATION SHALL BE COMPLETED TO THE SATISFACTION OF THE TOWN'S DIRECTOR OF ENGINEERING AND PRINCE EDWARD COUNTY. ALL AREAS WITHIN PUBLIC RIGHT-OF-WAYS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER. GRASSED AREAS SHALL BE PROVIDED WITH SOON OF TOPSOIL AND SOODED TO THE SATISFACTION OF THE TOWN'S DIRECTOR OF ENGINEERING.

- DRAWINGS ARE NOT TO BE SCALED. ALL SURVEY LATENT WORKS ON SITE TO BE BASED ON DIGITAL FILES ONLY. CONTRACTOR AND HIS SURVEYOR TO ADVISE PROJECT ENGINEER OF ANY DISCREPANCIES NOTED PRIOR TO PROCEEDING WITH CONSTRUCTION.

- UNLESS OTHERWISE NOTED ON THE DRAWING, THE FOLLOWING REQUIREMENTS SHALL APPLY TO THE WORKS.

SEWER PIPE MATERIAL:

- ALL SEWERS 375MM ØR SMALLER SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPES WITH FITTINGS CONFORMING TO CSA-B181.1 OR CSA-B181.2. ALL PIPES AND FITTINGS SHALL MEET CURRENT M.O.E. SPECIFICATIONS. ALL PIPES SHALL HAVE A MINIMUM STANDARD DENSIFICATION RATIO (SDR) OF 35. UNLESS OTHERWISE SPECIFIED ON THESE PLANS, ALL PIPES SHALL BE GREEN IN COLOUR.
- ALL CONCRETE SEWER PIPES 450MM ØR AND LARGER SHALL CONFORM TO CSA-A257.2 REINFORCED CLASS AS SPECIFIED (605-10, 0-10, OR 10-0).
- THE MINIMUM PIPE SIZE FOR SANITARY AND STORM SEWERS SHALL BE 200MM AND 300MM DIAMETER RESPECTIVELY.

- WHERE WATER BEARING SAND AND SILT OCCURS, THE SEWER JOINTS SHOULD BE LEAK-PROOF, OR WRAPPED WITH WATER PROOF MEMBRANE TO PREVENT SUBGRADE MIGRATION THROUGH LEAKY JOINTS RESULTING FROM INADEQUATE FAULTY INSTALLATION. THE NECESSITY OF IMPLEMENTING THESE MEASURES CAN BEST BE DETERMINED DURING SEWER CONSTRUCTION.

SEWER BEDDING:

- STORM, SANITARY AND FDC SEWER BEDDING SHALL BE AS PER OPSD-802-00 FOR FLEXIBLE PIPES AND OPSD-802-030 CLASS 'B' FOR RIGID CIRCULAR PIPES AND OPSD-802-00 CLASS 'B' FOR RIGID ELIPTICAL PIPES. RIGID PIPES OTHERWISE SPECIFIED ON PLANS OR GEOTECHNICAL REPORT.
- STORM AND SANITARY SEWER BEDDING IN WATER BEARING SAND AND SILT (WET TRENCH CONDITION) SHALL CONSIST OF 200M CRUSHER-RUN LIMESTONE. THE NECESSITY FOR IMPLEMENTING THESE MEASURES CAN BE ASSESSED AT THE TIME OF TRENCH EXCAVATION BY A GEOTECHNICAL ENGINEER.
- ALL SERVICES AND STRUCTURES LOCATED IN TRENCH CUT SHALL BE SUPPORTED BY COMPACTED GRANULAR TO UNDISTURBED OR STRUCTURALLY COMPACTED GROUND.

SUBDRAINS:

- ALL CATCH BASINS SHALL BE EQUIPPED WITH A MINIMUM 3.0M CROSS FORMATION AS PER SUBDRAIN DETAIL SHOWN ON THESE PLANS.
- PERFORATED SUBDRAINS SHALL BE CONTINUOUS AND SHALL BE CAPPED USING AN EXTENDABLE PLUG ON LOW SIDE OF CATCHBASIN. SUBDRAINS SHALL BE CONNECTED TO A CATCHBASIN UNLESS FORCED TO A LOWER ELEVATION BY THE SUB-BASE DEPTH. IN THAT CASE, SUB-DRAINS TO BE CONNECTED TO STORM MANHOLE USING 'TEE' FITTINGS.

BACKFILL:

- ALL MANHOLE AND CATCH BASIN EXCAVATIONS SHALL BE BACKFILLED WITH GRANULAR 'B' COMPACTED TO 98% SPMD OR AS SPECIFIED IN THE GEOTECHNICAL REPORT IDENTIFIED ON THESE PLANS, WHICH EVER IS MORE STRINGENT.

MANHOLES:

- ALL STORM MANHOLES SHALL CONFORM TO OPSD 701.00, 701.01, 701.02 AND 701.03 WITH FRAME AND COVER AS PER OPSD 401.010 - TYPE 'A' FOR SANITARY AND TYPE 'B' FOR STORM.
- MANHOLE STEPS SHALL BE AS PER OPSD 405.010. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL MANHOLES OVER 3600MM DIAMETER OR CAST-IN-PLACE MANHOLES.
- BENCHING TO BE PROVIDED AT ALL MANHOLES. UNLESS OTHERWISE STATED, IN ACCORDANCE WITH OPSD 701.021. STORM MANHOLES TO BE BENCHING TO PIPE ORVERT.

- 'MODULOC' OR APPROVED MANHOLES ADJUSTERS SHALL BE USED IN LIEU OF BRICKING.

- SAFETY PLATFORMS SHALL BE PROVIDED, AS PER OPSD 404.020, FOR MANHOLES WITH DEPTH EXCEEDING 5.0M.

- EXTERNAL DROP STRUCTURES TO BE AS PER OPSD 1003.010/020. INTERNAL DROP STRUCTURES AS PER OPSD 1003.030. DROP PIPE SHALL BE ONE SIZE LESS THAN INCOMING SEWER TO MAX. ØF 375MM DIAMETER AND SHALL BE CONNECTED TO MAINLINE SEWER WITH THE RIG OR WYE.

CATCH BASINS:

- ALL CATCH BASINS SHALL BE PRECAST AS PER RH 301.01.
- ALL CATCH BASIN FRAMES AND COVERS SHALL BE AS PER OPSD 400.010.
- UNLESS OTHERWISE NOTED, ALL CATCH BASIN LEADS SHALL BE SDR-35, 250MM ØR FOR SINGLE AND 300MM ØR FOR DOUBLE WITH A MINIMUM SLOPE OF 1.0% UNLESS OTHERWISE NOTED. CB LEAD INVERT TO BE 1.50M BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED.
- 'MODULOC' OR APPROVED CATCH BASIN ADJUSTERS SHALL BE USED IN LIEU OF BRICKING.
- DURING CONSTRUCTION ALL CATCH BASINS SHALL BE EQUIPPED WITH A TEMPORARY SEDIMENT CONTROL DEVICE AS DETAILED ON THESE PLANS.

WATERMAINS:

- ALL WATERMAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH OPSD 701.
- WATERMAINS AND APPURTENANCES SHALL BE AS PER PRINCE EDWARD COUNTY SPECIFICATIONS.
- WATERMAIN SHALL BE POLYVINYL CHLORIDE (PVC) CLASS-150, DR-8 CONFORMING TO APPLICABLE AWWA STANDARDS.
- ALL WATERMAINS SHALL HAVE A MINIMUM COVER OF 1.8M MEASURED FROM FINISHED GRADE ELEVATION.
- ALL WATERMAIN HORIZONTAL AND VERTICAL BENDS, JOINTS AND PLUGS TO BE MECHANICALLY RESTRAINED. MECHANICAL RESTRAINTS MUST BE INSTALLED ON ALL WATERMAIN BENDS, TEES, AND PLUGS AS PER PRINCE EDWARD COUNTY STANDARDS.
- WATERMAINS MUST COMPLY WITH MINIMUM HORIZONTAL AND VERTICAL.

CLEARANCES IN ACCORDANCE WITH LOCAL PROVINCIAL GUIDELINES AND THE APPLICABLE BUILDING AND PLUMBING CODE. WHERE HORIZONTAL SEPARATIONS CANNOT BE ACHIEVED, APPROVAL FROM THE ENGINEER MUST BE OBTAINED. WHERE REQUIRED, INSTALL BEND IN WATERMAIN TO ENSURE A MINIMUM 500MM VERTICAL SEPARATION IS MAINTAINED WITH OTHER SEWERS.

- ALL WATERMAIN BEDDING COVER AND TRENCH DETAIL SHALL BE AS PER LOCAL MUNICIPAL, REGIONAL OR PROVINCIAL STANDARDS. THE CONTRACTOR SHALL SUBMIT SAMPLES OF BEDDING AND COVER MATERIALS TO THE GEOTECHNICAL ENGINEER AND OBTAIN APPROVAL FOR USE PRIOR TO COMMENCEMENT OF SERVICE INSTALLATION.
- ALL WATERMAIN AND APPURTENANCES (VALVES, HYDRANTS, FITTINGS, ETC.) SHALL BE INSTALLED WITH CATHODIC PROTECTION AS PER OPSD 1003.030.
- HYDRANT INSTALLATION SHALL BE AS PER PRINCE EDWARD COUNTY STANDARDS (SELF DRAINING) WITH STORZ ADAPTOR FACING FIRE ROUTE.
- ALL PVC WATERMAIN SHALL BE INSTALLED COMPLETE WITH #14 GAUGE TRACER WIRE, TERMINATING AT GRADE AT A FIRE HYDRANT OR VALVE LOCATION, AND SHALL BE POSITIVELY CONNECTED TO THE HYDRANT OR VALVE.
- ALL WATERMAINS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH LOCAL MUNICIPAL AND PROVINCIAL GUIDELINES UNLESS OTHERWISE DIRECTED. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED. FLUSHING, PRESSURE TESTING, CHLORINATION AND SAMPLING SHALL BE DONE IN ACCORDANCE WITH THE CITY OF RICHMOND HILL REQUIREMENTS.
- ALL WATERMAINS SHALL BE BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH LOCAL MUNICIPAL AND PROVINCIAL GUIDELINES. ALL CHLORINATED WATER TO BE DISCHARGED AND PRETREATED TO ACCEPTABLE LEVELS PRIOR TO DISCHARGE. ALL DISCHARGED WATER MUST BE CONTROLLED AND TREATED SO AS NOT TO ADVERSELY EFFECT THE ENVIRONMENT. THE LOCAL MUNICIPALITY MAY HAVE SPECIFIC REQUIREMENTS TO BE COMPLIED WITH. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL MUNICIPAL AND/OR PROVINCIAL REQUIREMENTS ARE FOLLOWED.

GRADING:

- PRIOR TO COMMENCEMENT OF GRADING WORKS ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND OPERATIONAL. THE CONTRACTOR SHALL BE PROVIDED BY THE MUNICIPALITY PRIOR TO BACKFILLING ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE MUNICIPALITY WHEN REQUIRED BY THE MUNICIPALITY.
- ALL GRANULAR BASE AND SUB-BASE COURSE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAXIMUM DRY DENSITY.
- PAVEMENT STRUCTURE TO BE CONSTRUCTED, AS RECOMMENDED BY TERRAPEX, AS FOLLOWS:

	MIN.
HL3	40
HL5	60
GRANULAR 'A' BASE	150
GRANULAR 'B' SUB-BASE	300

IN THE EVENT OF A DISCREPANCY BETWEEN THE ABOVE INFORMATION AND THE GEOTECHNICAL REPORT, THE LATTER SHALL GOVERN AND THE DISCREPANCY MUST IMMEDIATELY BE REPORTED TO THE CONSULTANT.

- CONCRETE BARRIER CURB SHALL BE AS PER OPSD 600.010.
- INSPECTIONS: ALL WORK ON THE MUNICIPAL RIGHT-OF-WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE MUNICIPALITY WHEN REQUIRED BY THE MUNICIPALITY.

- CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT 48 HOURS PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD ALLOWANCE IF REQUIRED BY THE MUNICIPALITY OR THE REGION.

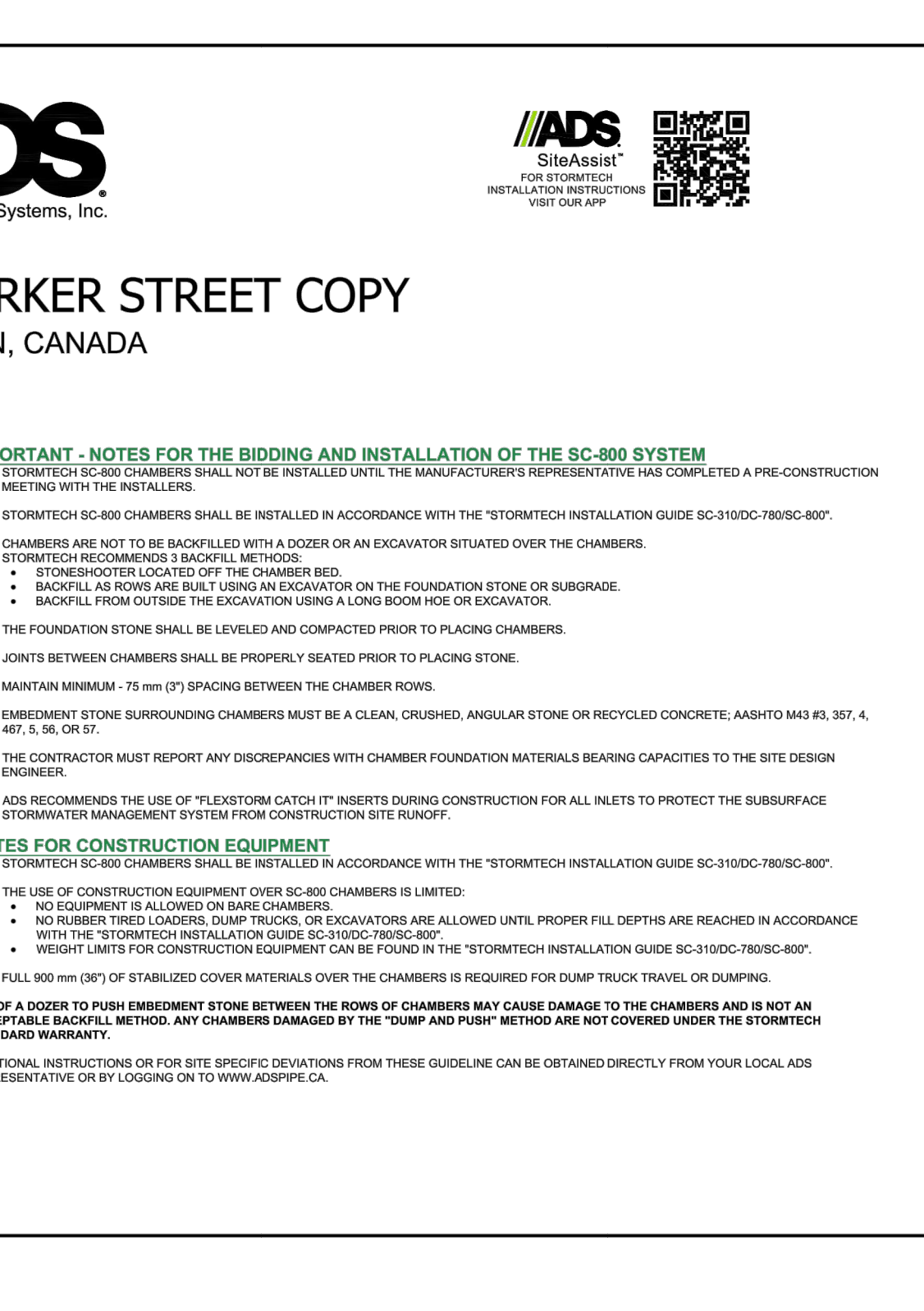
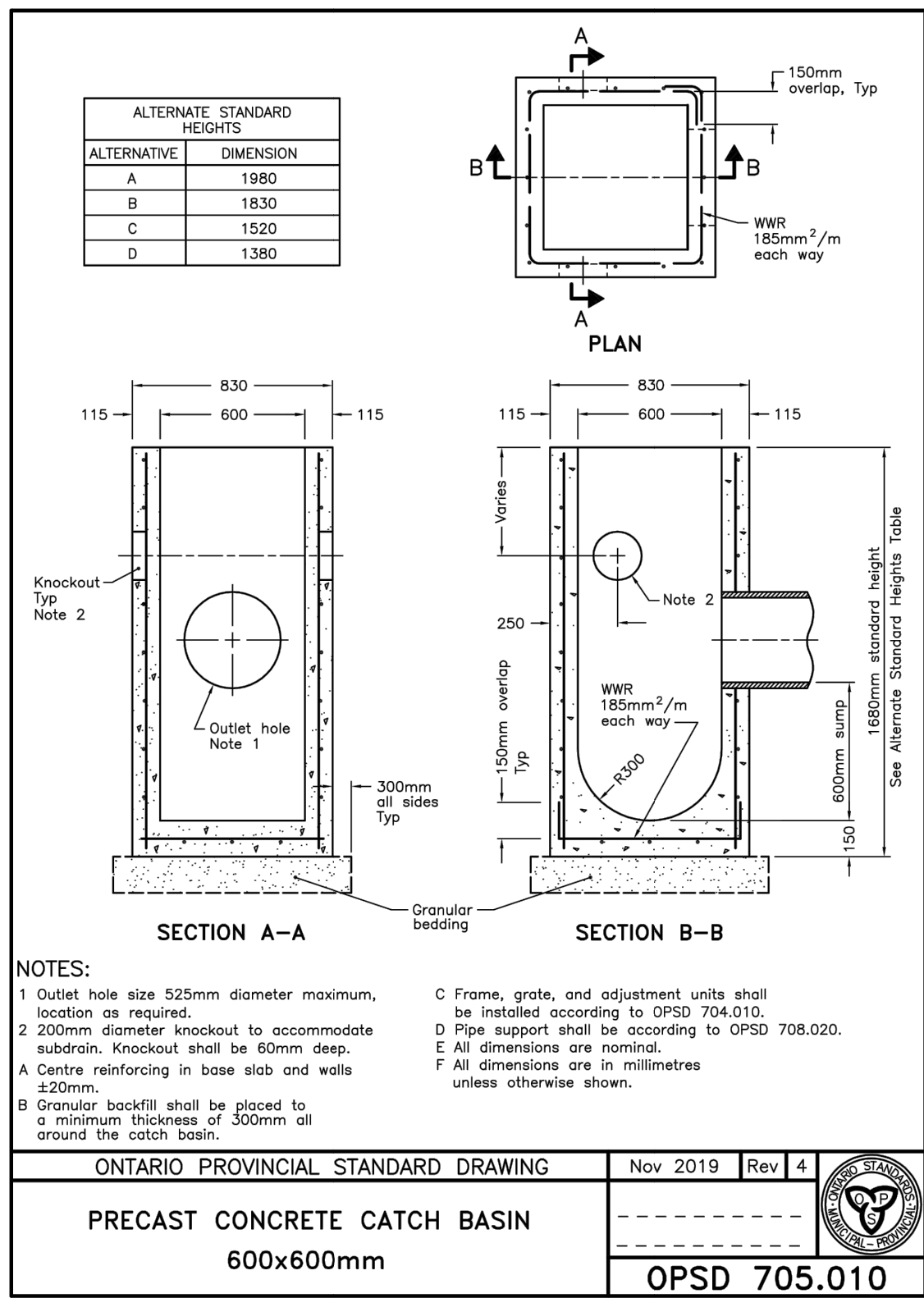
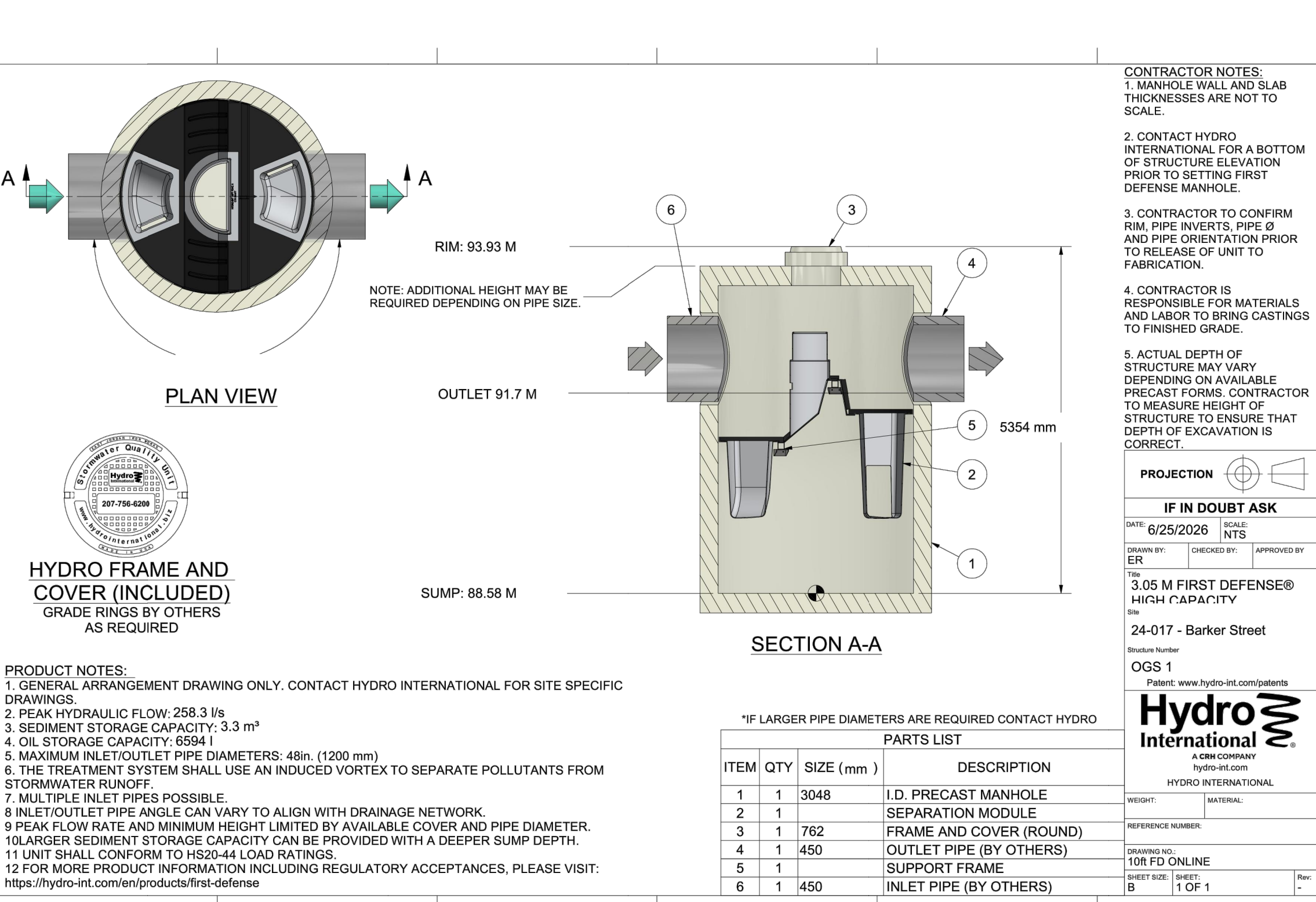
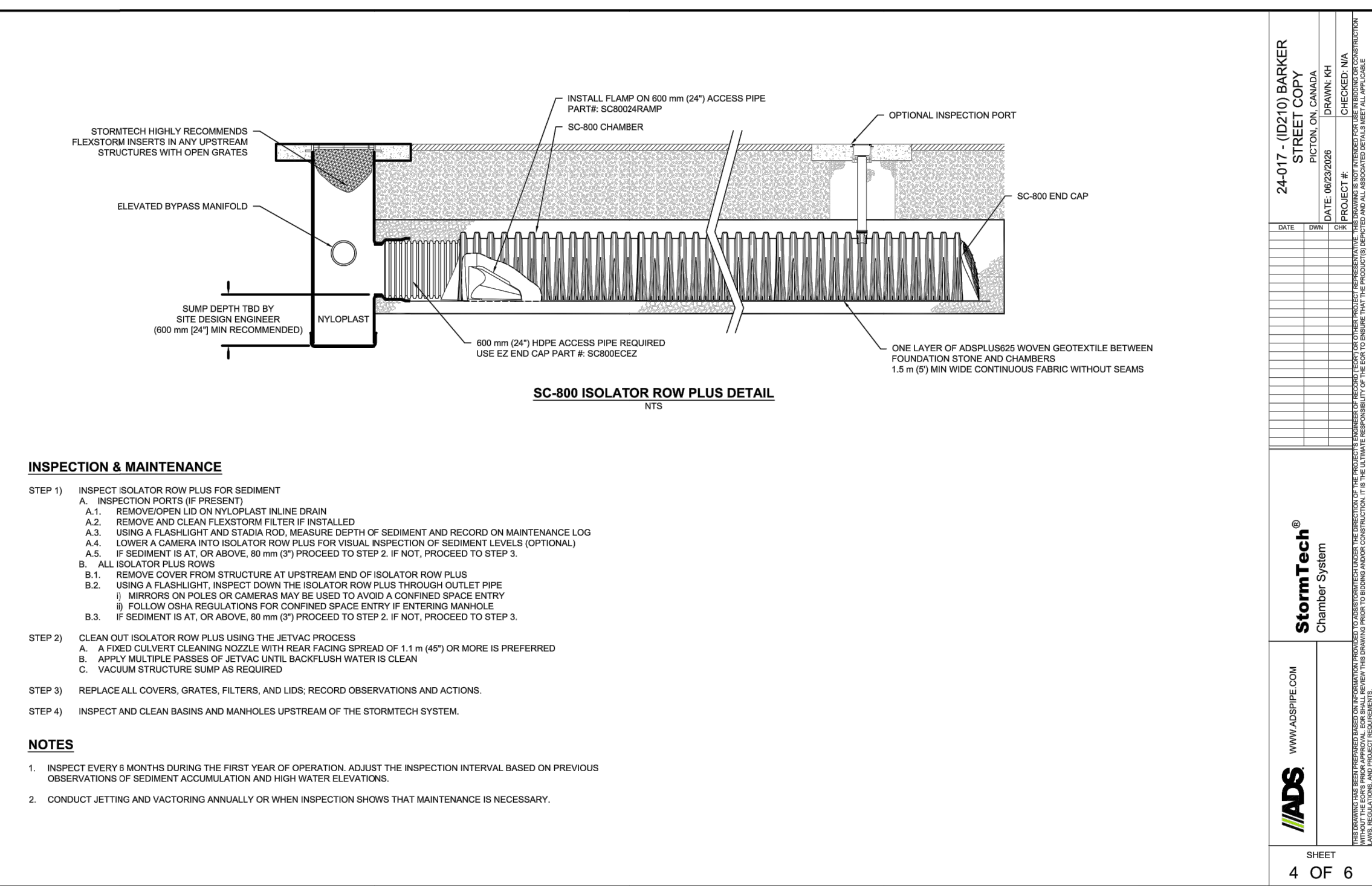
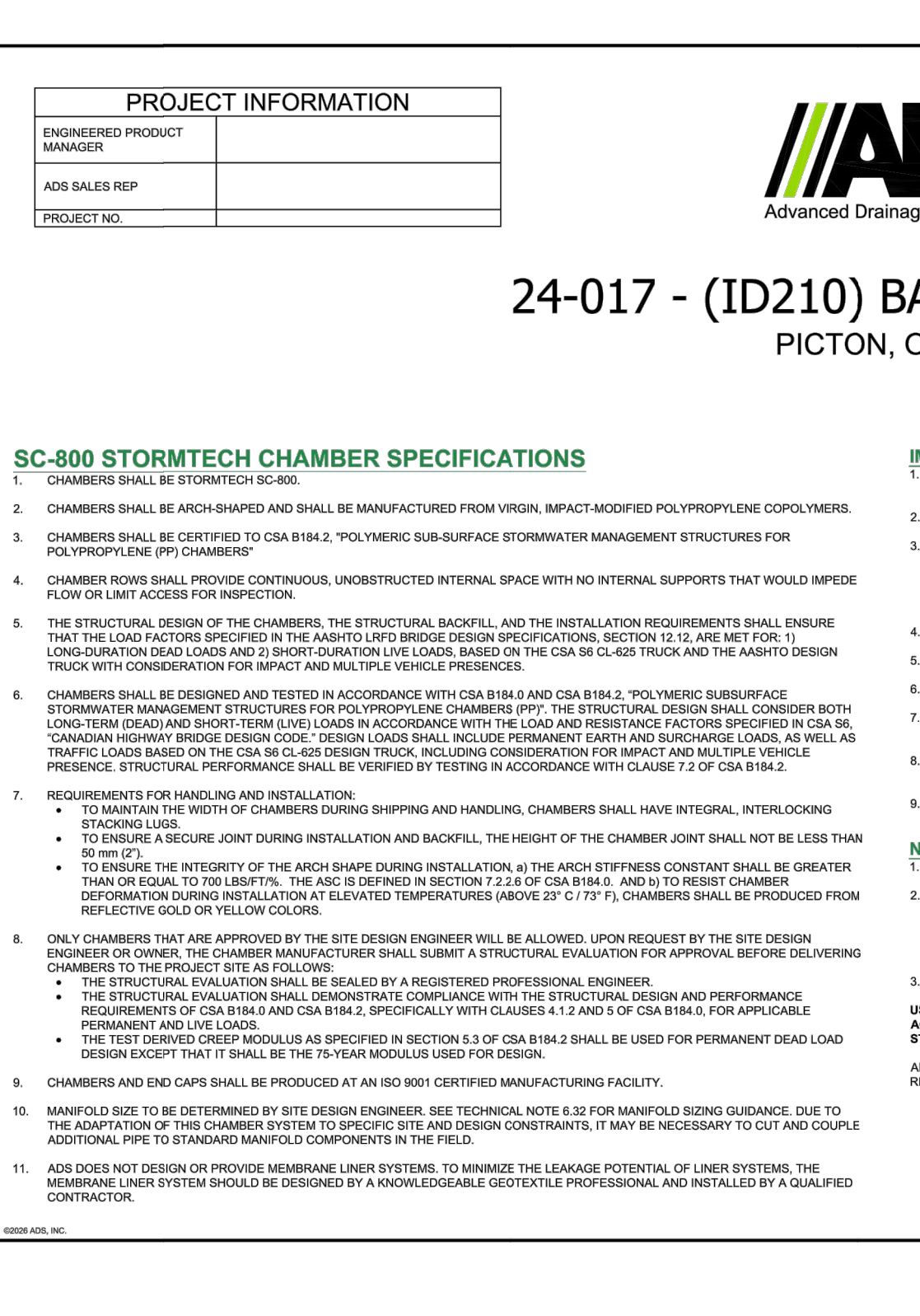
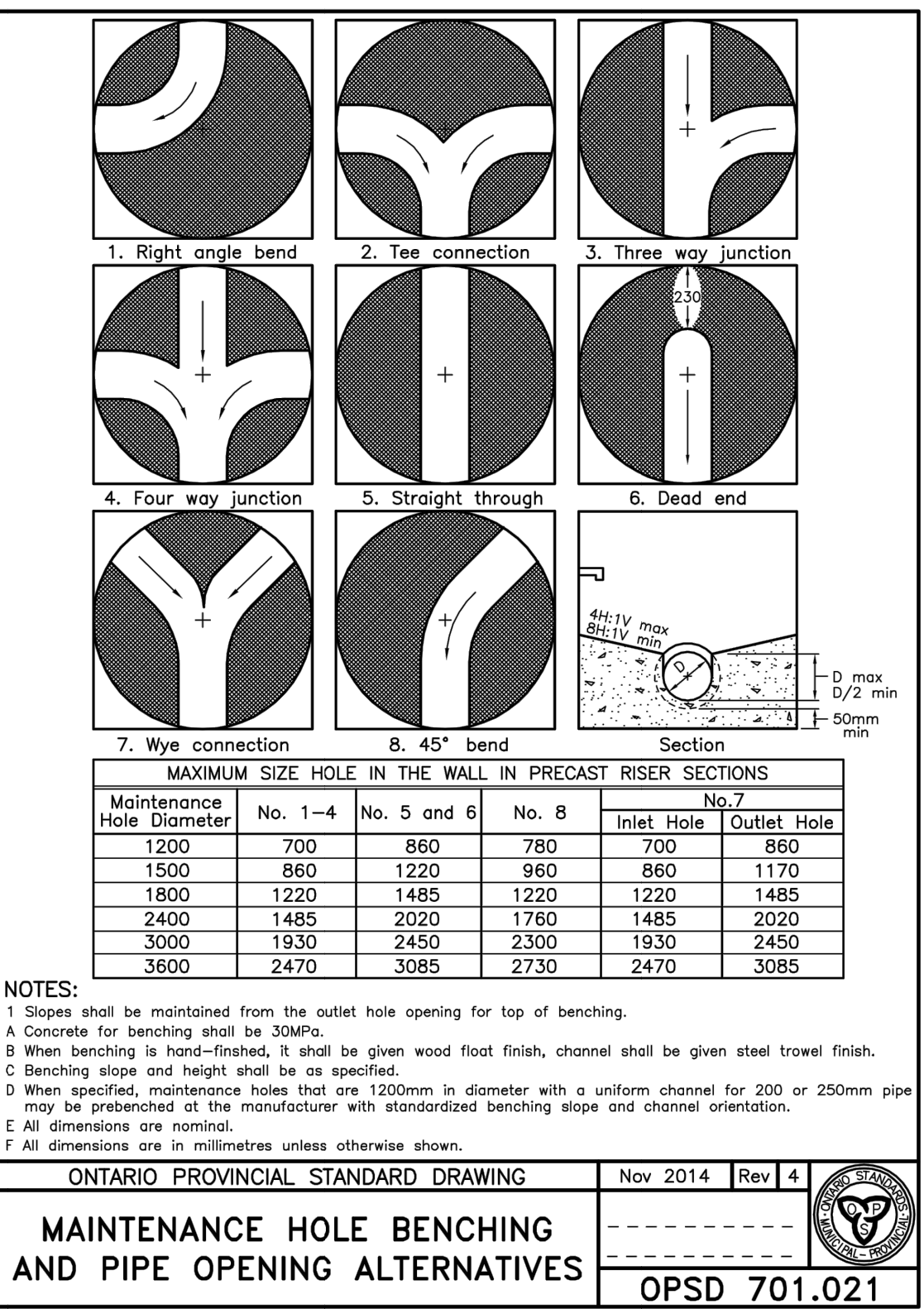
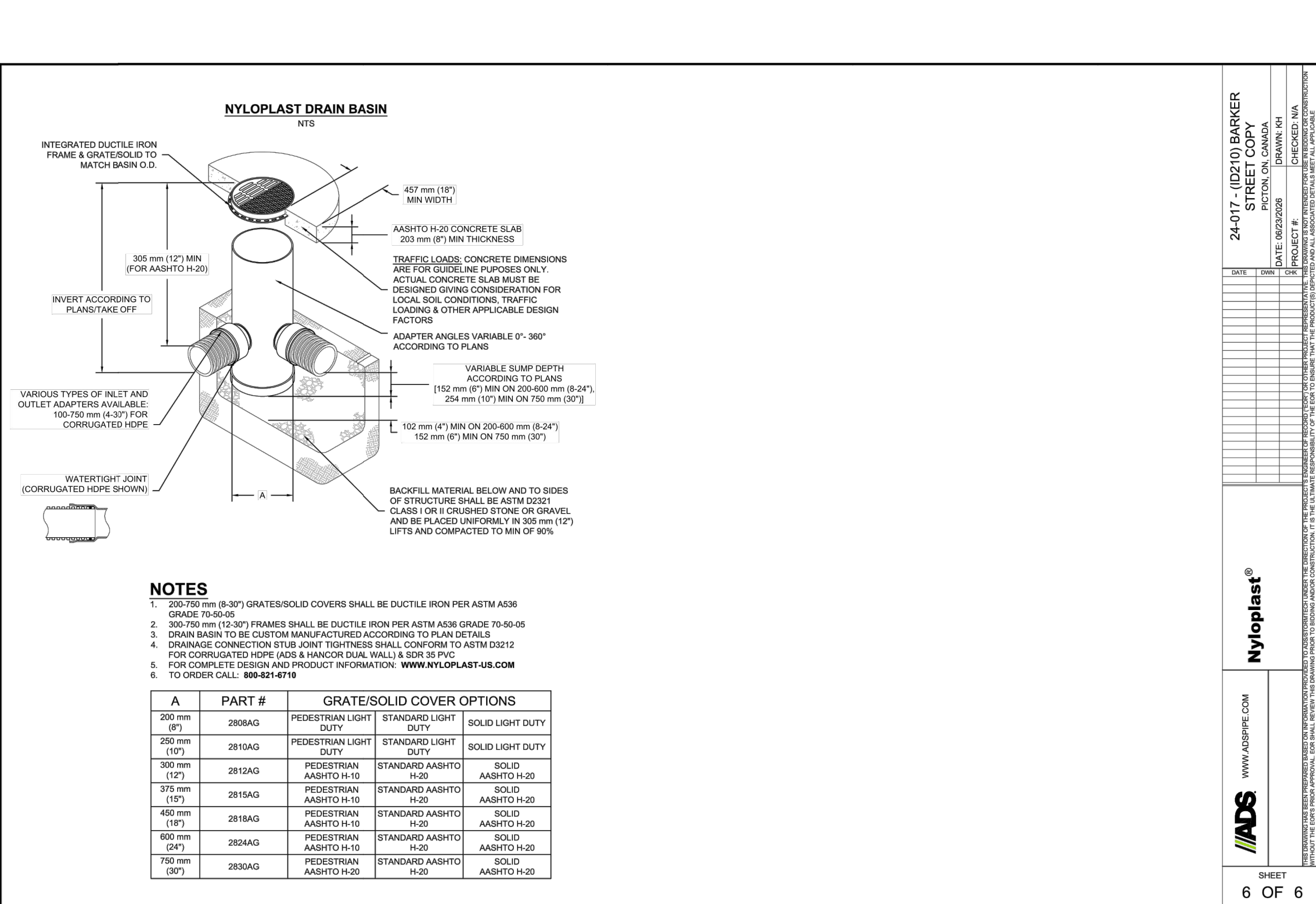
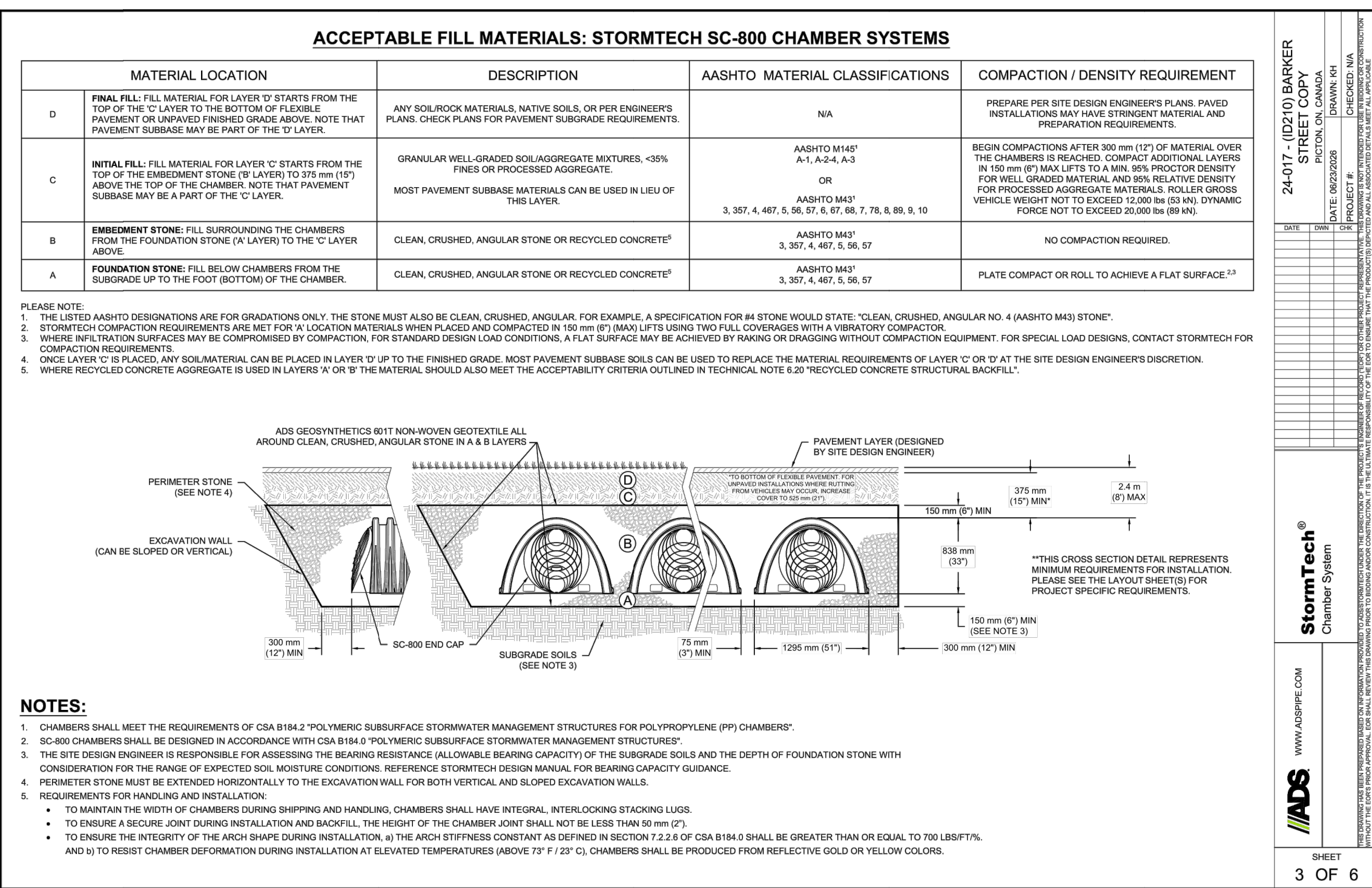
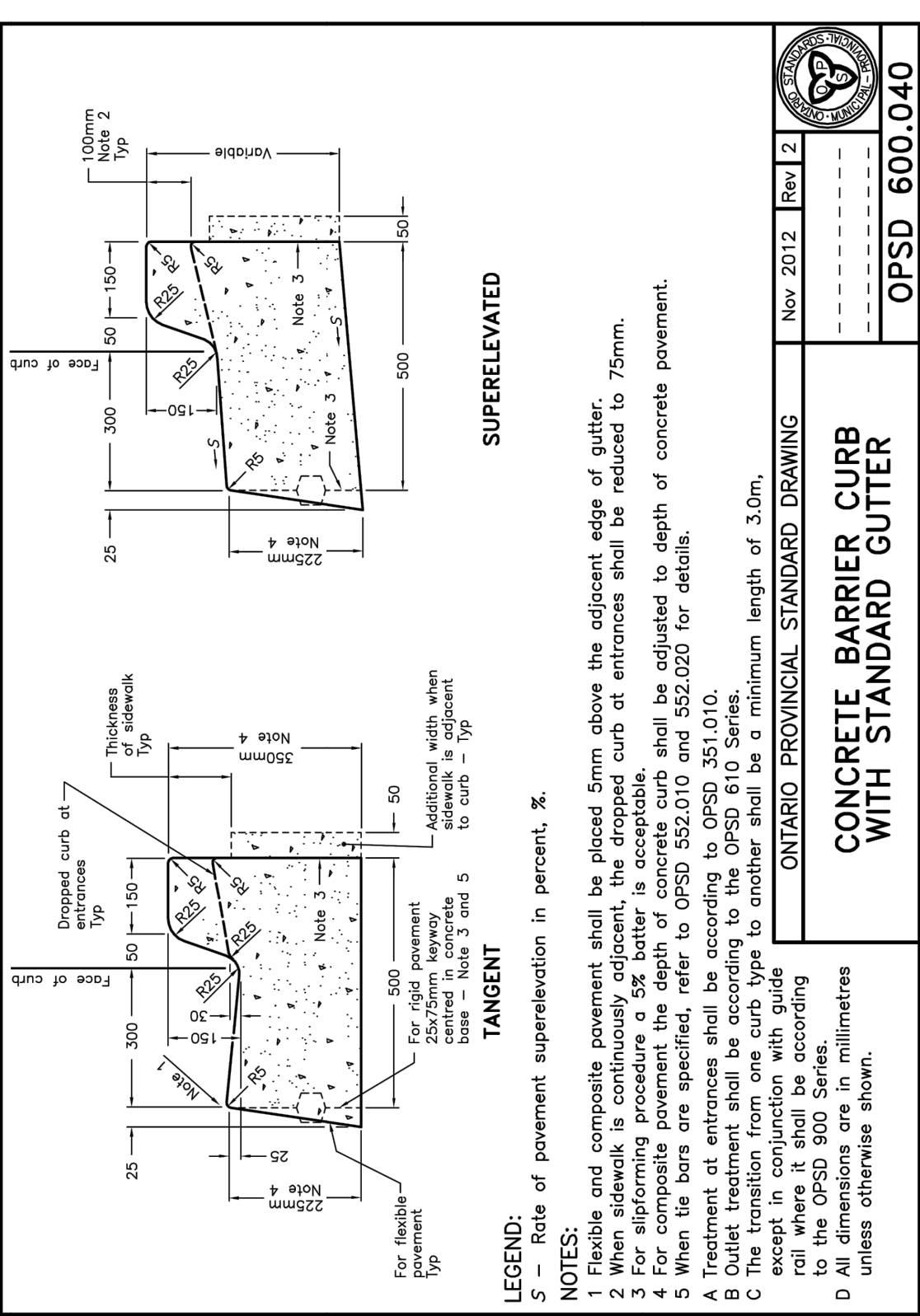
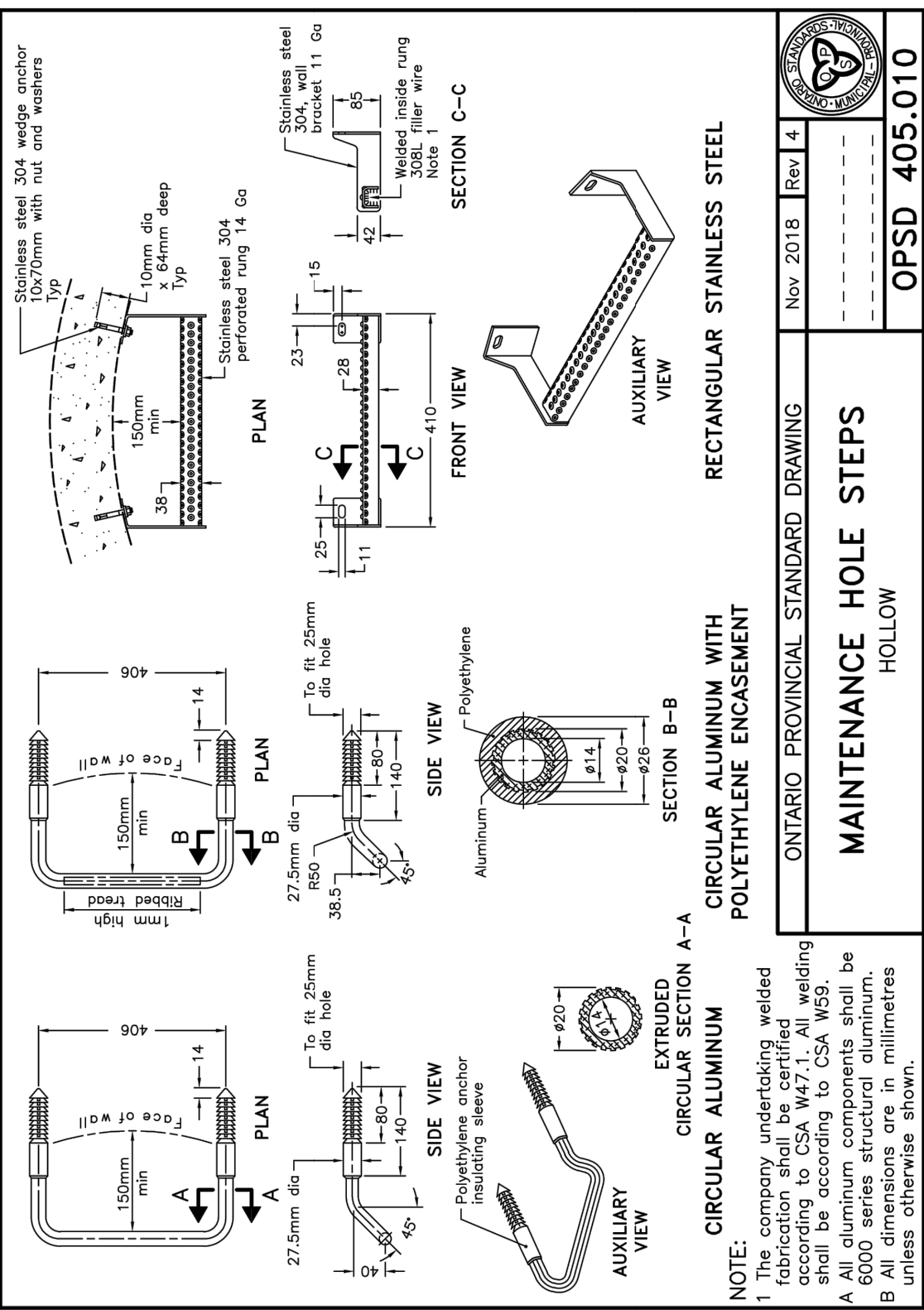
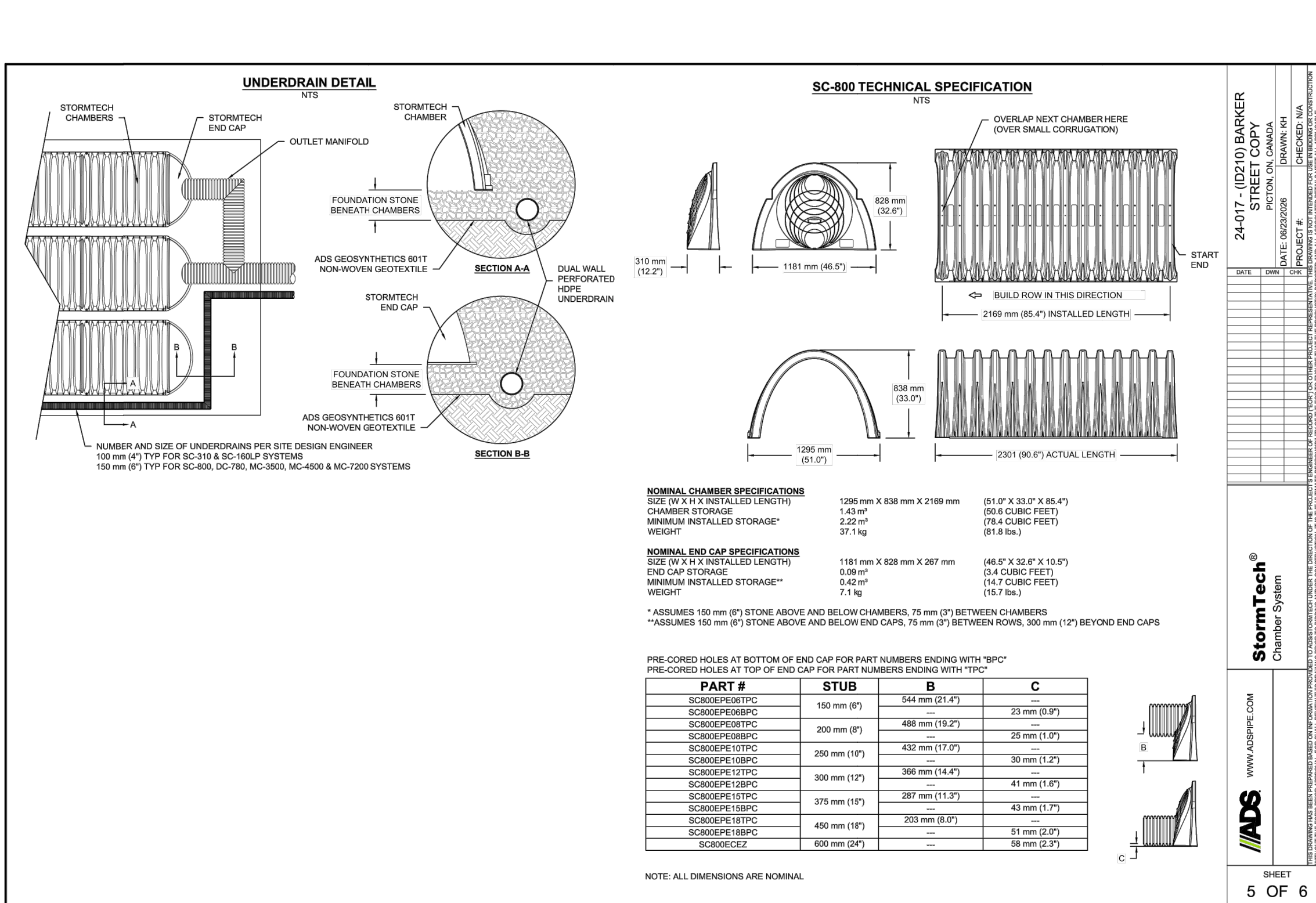
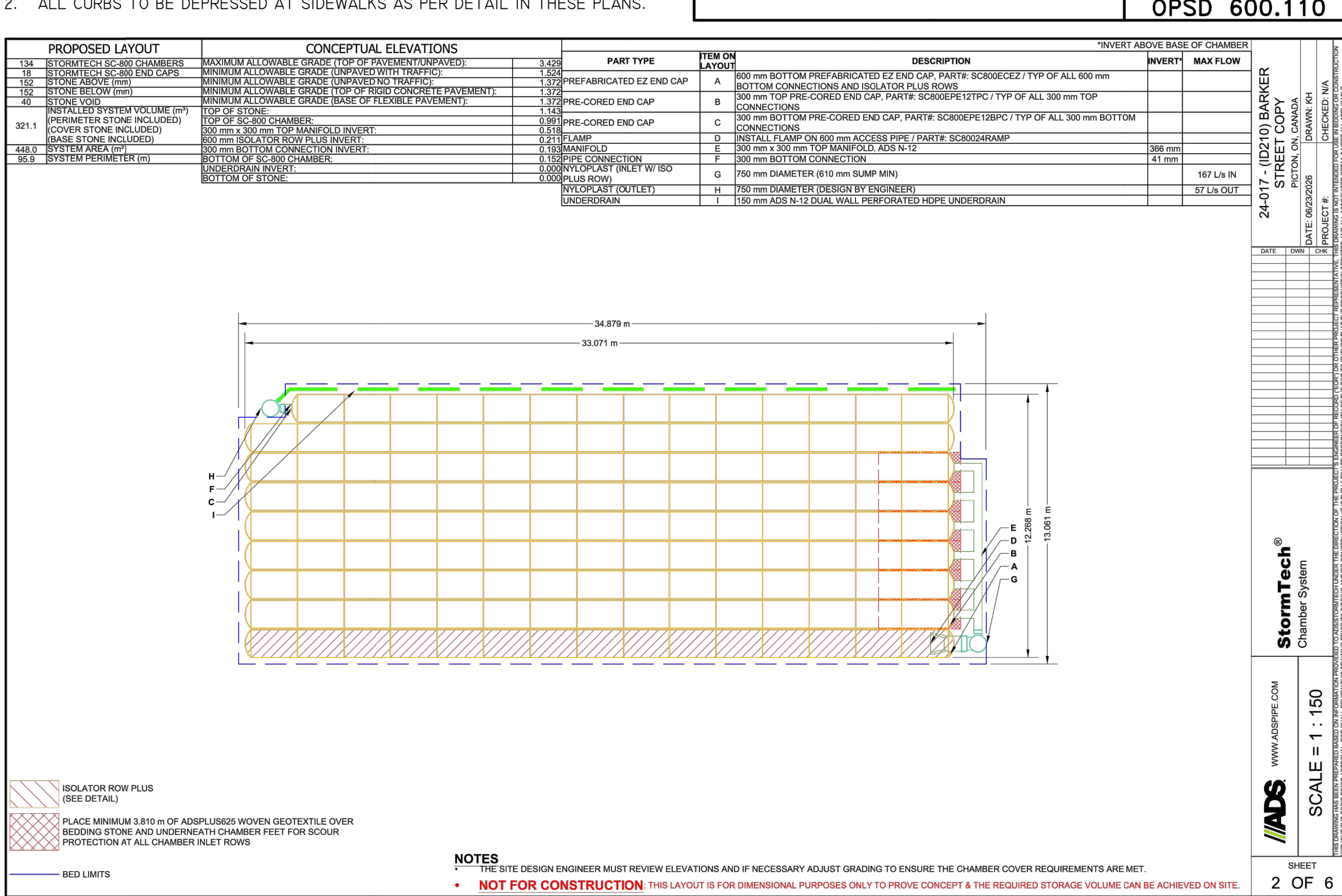
- EMBANKMENTS TO BE SLOPED AT MAX. 3:1, UNLESS OTHERWISE SPECIFIED.

- SEDIMENT CONTROL TO BE PROVIDED AT CATCH BASINS AND CATCH BASIN MANHOLES UPON INSTALLATION OF STRUCTURES AS PER DETAIL PROVIDED ON THESE PLANS.

- CONTRACTOR WILL BE RESPONSIBLE FOR ALL REMOVALS AS REQUIRED TO FACILITATE NEW CONSTRUCTION. ALL EXISTING STRUCTURES, VALVES, ETC. ARE TO BE ADJUSTED TO PROPOSED ELEVATIONS.
- EXISTING ELEVATIONS AT MATCH POINTS, AS SHOWN ON PLANS, ARE TO BE CONFIRMED BY THE CONTRACTOR 72 HOURS PRIOR TO MOBILIZATION OF FORCES. LOST TIME AND/OR ANY ADDITIONAL WORKS DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM EXISTING ELEVATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS 72 HOURS PRIOR TO MOBILIZATION WILL BE AT THE EXPENSE OF THE CONTRACTOR.

SIDEWALKS:

- CONCRETE SIDEWALKS SHALL BE 125MM IN DEPTH, EXCEPT WHERE CROSSING LANEWAYS, ROADS AND COMMERCIAL/INSTITUTIONAL/INDUSTRIAL DRIVEWAYS, WHERE SIDEWALKS SHALL BE 175MM IN DEPTH.
- ALL CURBS TO BE DEPRESSED AT SIDEWALKS AS PER DETAIL IN THESE PLANS.



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SC-310 ISOLATOR ROW PLUS DETAIL

Labels:

- STRUCTURED HIGHLY REINFORCED CONCRETE IMPARTIAL TO ANY UPLIFT LOADS EXCEPT LOADS FROM GATES
- ELEVATED REBAR MANHOLE
- SLAB (OPT. 1) 120-0F. 8" REINFORCING (MIN. 1000 (1) MAY BE RECOMMENDED)
- NO LIFT
- INSTALL FLAMP ON 300 mm (12") ACCESS PIPE
- SC-310 CHAMBER
- OPTIONAL INSPECTION PORT
- SC-310 END CAP
- ONE LAYER OF ADHESIVED WOVEN GEOTEXTILE BETWEEN TWO CONCRETE PAVING AND CHAMBERS
- 12.5% MIN. FINE CONTENT (% FINE) WITHOUT BOUNDING
- 100 mm (4") FREE ACCESS PIPE REQUIRED USE END CAP, PAVE TO SURFACE

INSPECTION & MAINTENANCE

STEP 1: INSPECT ISOLATOR ROW PLUS FOR SEGMENT

- INSPECTION POINTS OF INTEREST:
 1. IDENTIFY AND LOCATE LOCATION FILTER IF INSTALLED
 2. LOCATE MANHOLE AND LOCATE END REBAR END OF SEGMENT AND RECORD ON MAINTENANCE LOG
 3. IF SEGMENT AT "B" OR ABOVE, BE 10 FT UPSTREAM OF SEGMENT IF NOT, PROCEED TO STEP 2.
- ISOLATOR ROW PLUS:
 1. IDENTIFY AND LOCATE LOCATION AT APPROXIMATE END OF ISOLATOR ROW PLUS
 2. IF SEGMENT AT "B" OR ABOVE, BE 10 FT UPSTREAM OF SEGMENT IF NOT, PROCEED TO STEP 2.
 3. IF SEGMENT AT "B" OR ABOVE, BE 10 FT UPSTREAM OF SEGMENT IF NOT, PROCEED TO STEP 2.

STEP 2: EXAMINE ISOLATOR ROW PLUS FOR THE FOLLOWING:

- A FIBER GLASS CLEANING NOZZLE WITH 1/4" HOLES (FOR 1/4" HOLES) IS PREPARED
- ANY EXCESS FIBER OF GEOTEXTILE, IMPACT OR WATER IS CLEAN

STEP 3: REPLACE ALL COVERS, GATES, FLOWS, AND LOGS. RECORD OBSERVATIONS AND ACTIONS.

NOTES

- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL, BASED ON PREVIOUS OBSERVATIONS OF SEDIMENT ACCUMULATION AND HIGH WATER ELEVATIONS.
- CONDUCT AT-TING AND VICTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.

SC-910 ISOLATOR ROW PLUG DETAIL

INSPECTION & MAINTENANCE

- STEP 1. INSPECT ISOLATOR ROW PLUG FOR EVIDENCE
 - A. IDENTIFY LOCATION OF INSPECTION
 - B. REMOVE AND CLEAN ISOLATOR TOP STEP IF NEEDED
 - C. UNDER 10 MINUTE AND 10 MINUTE INSPECTION, REMOVE EVIDENCE OF RESIDENT AND RECORD ON MAINTENANCE LOGS
 - D. IF RESIDENT IS AT THE ADDRESS, 80 mm (3 1/4 INCH) PROCEED TO STEP 4. IF NOT, PROCEED TO STEP 4
- STEP 2. ISOLATOR ROW PLUG
 - A. REMOVE ISOLATOR TOP STEP
 - B. REMOVE PLASTIMING OFFSHOT AT LATERAL WALL OF ISOLATOR ROW PLUG THROUGH CHUTE PIPE
 - C. REMOVE CHUTE PIPE CHAMBER AND 90 mm (3 1/2 INCH) ASPHALT WOVEN FIBREGLASS (SEE END CAP DETAIL WITH 10% OVERLAP)
 - D. IF RESIDENT IS AT 80 mm (3 1/4 INCH) PROCEED TO STEP 4. IF NOT, PROCEED TO STEP 3
- STEP 3. CLEAN OUT ISOLATOR ROW PLUG AFTER THE INITIAL PROCESS
 - A. PRESS CLOSET CLEANING MIDDLE WITH HEAVY PAPER BRUSH 90 mm (3 1/4 INCH) OR MORE IS PREFERRED
 - B. VACUATE THE MIDDLE OF ISOLATOR ROW PLUG, REMOVE PAPER BRUSH CLEAN
- STEP 4. REPLACE ALL COVER, GASKETS, FIBREGLASS, AND LOGS, RECORD OBSERVATIONS AND ACTIONS
- STEP 5. INSPECT AND CLEAN GASKETS AND WINDFOLDS UPSTREAM OF THE ISOLATOR SYSTEM

NOTES

1. INSPECT GASKETS MONTHLY DURING THE FIRST YEAR OF OPERATION. ADJUST THE INSPECTION INTERVAL, BASED ON PREVIOUS OBSERVATIONS OF RESIDENT ACCUMULATION AND HIGH WATER ELEVATIONS
2. CONDUCT TESTING AND INSPECTORS ANNUALLY OR WHEN INSPECTOR SHOWS THAT MAINTENANCE IS NECESSARY

4 OF 6

NYLOPLAST DRAIN BASIN

1. PATENTED DUCTILE IRON FRAME - LIGHTS TO 10" BATCH BORN D.O.

2. 12" x 12" (305 mm) (10" FOR ASBESTOS-30)

3. INVERT ACCORDING TO PLAIN-1" RISE OFF

4. VARIOUS TYPES OF TIE-INS AND OUTLET ADAPTERS AVAILABLE - REFER TO NYLOPLAST CATALOG FOR CONSTRUCTION TYPE

5. "WATER-TIGHT" JOINT (COMPATIBLE WITH BENTONITE)

6. 44" x 12" (1117 mm) MIN. WIDTH

7. ASBESTOS-30 CONCRETE SLAB (20" MIN. 4" MIN. THICKNESS)

8. TRENCH (GRADE) CONCRETE DIMENSIONS FOR TIE-INS (SEE NYLOPLAST CATALOG FOR DETAILS) - COUPLING TRENCH FOR LOCAL TIE-INS CONCRETE TRENCH FOR LOCAL TIE-INS CONCRETE TRENCH FOR LOCAL TIE-INS CONCRETE TRENCH FOR LOCAL TIE-INS

9. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

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41. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

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101. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

102. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

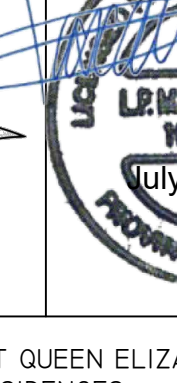
103. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

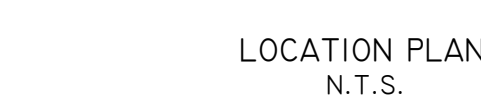
104. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

105. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

106. 10" x 12" (254 mm) (10" MIN. 4" MIN. THICKNESS)

1

TOWN OF PICTON PRINCE EDWARD COUNTY					
TOWN FILE NO.:			COUNTY FILE NO.: --		
SURVEY INFO.			BENCHMARK		
WATSON LAND SURVEYORS 278 GARDEN ST. BELLEVILLE ON K8N 3C3 PHONE: (613) 962-9521					
SITE PLAN INFO.					
HSPH HOLDINGS INC. 51 DAW AVENUE RICHMOND HILL, ON L4C 6M5					
I	ISSUED FOR RZA & SPA				07/07/26
NO.	ISSUE				MM/DD/YY
					
SITER, ANTECH INC. 50 ST CLEMENTE AVE TORONTO, ON M4G 1P9 PHONE: (416) 270-7515					
HOMES FIRST QUEEN ELIZABETH RESIDENCES 35 BARKER STREET, PICTON					
GENERAL NOTES, DETAILS AND SECTION PLAN					
PROJECT NO.: 24-017			DRAWING: 002		



353.00 EX.
 353.00
 2.00 TC
 2.00
 100' 0"

REMOVALS
 PROPOSED OVERLAND FLOW DIRECTION
 PROPOSED SVAULT FRAME AND GRATE
 PROPOSED SANITARY CONNECTION
 PROPOSED VALVE AND BOX
 PROPOSED WATER METER
 PROPOSED BACKFLOW PREVENTER
 PROPOSED DETECTOR ASSEMBLY

PROPOSED SANITARY SEWER
 PROPOSED WATERMAIN
 EX. SANITARY SEWER
 EX. WATER MAIN
 EX. STORM SEWER
 EX. CATCH BASIN
 EX. MANHOLE
 EX. GAS METER
 EX. GAS METER
 EX. WATER METER
 EX. UTILITY POLE
 EX. LIGHT
 EX. HYDRO
 EX. TELEPHONE
 EX. OVERHEAD WIRE
 EX. OCCUPANCY 0.00 P.A.

EX. GUY WIRE POLE

TOWN OF PICTON
PRINCE EDWARD COUNTY

TOWN FILE No.:	COUNTY FILE No.:
----------------	------------------

<u>SURVEY INFO.</u>	<u>BENCHMARK</u>
WATSON LAND SURVEYORS 218 CHURCH ST. BELLEVILLE, ON K8N 3C3 PHONE: (613) 962-9521	

SITE PLAN INFO.	
HSPM HOLDINGS INC.	
51 OAK AVENUE	
RICHMOND HILL, ON	
L4C 0R5	

ISSUED FOR RZA & SPA	07/07/26
ISSUE	MM/DD/YY



HOMES FIRST QUEEN ELIZABETH
RESIDENCES
35 BARKER STREET, PICTON

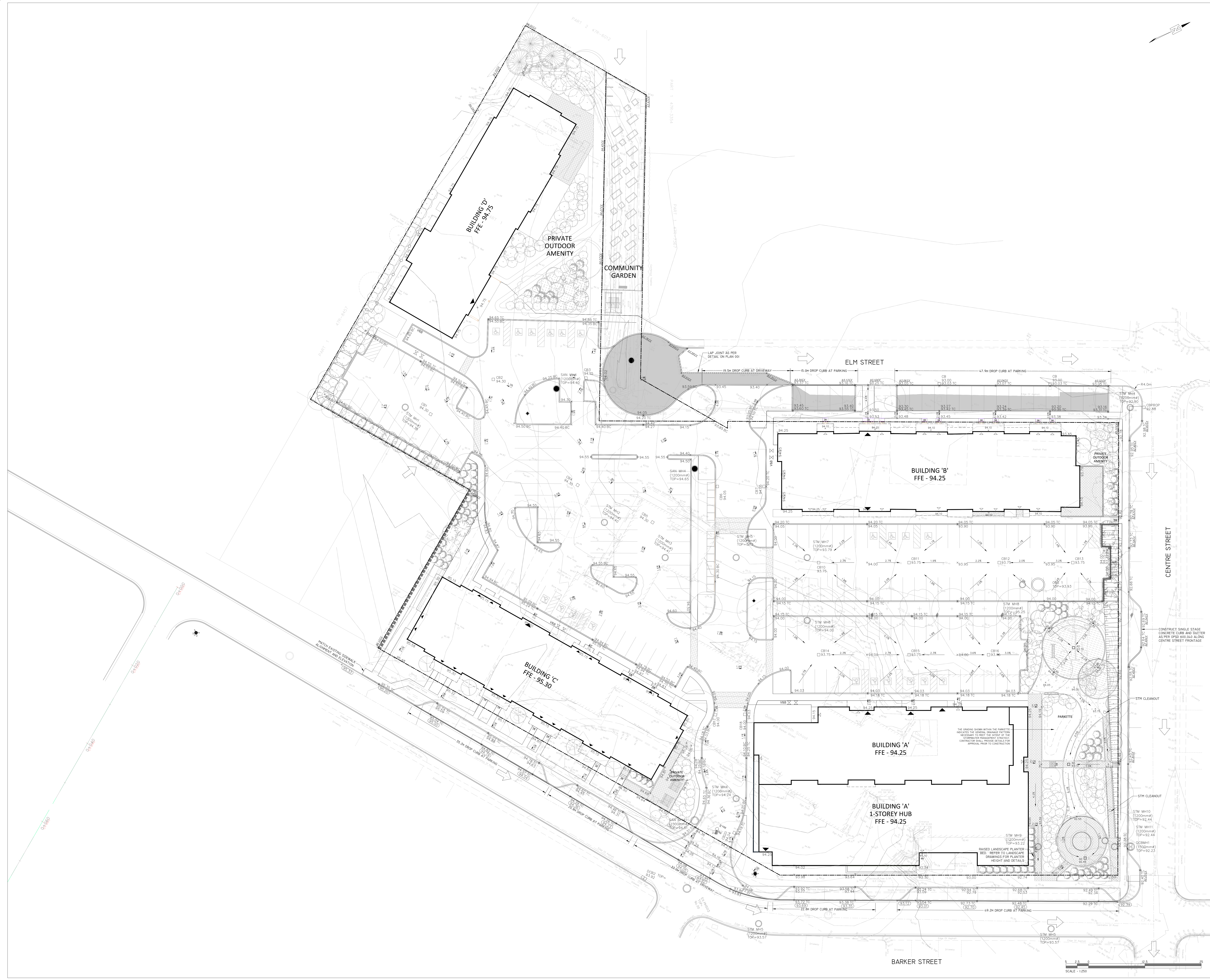
SERVICING PLAN

PROJECT No.:	DRAWING:
24-017	101



LOCATION PLAN
N.T.S.

- LEGEND**
- PROPERTY BOUNDARY
 - SUBMITTED ELEVATION
 - EXISTING ELEVATION
 - PROPOSED ELEVATION
 - PROPOSED TOP OF CURB ELEVATION
 - PROPOSED DRAINAGE DIRECTION SLOPE
 - PROPOSED FIRST FLOOR ELEVATION
 - INTERLOCK (BY OTHERS)
 - REMOVALS
 - PROPOSED OVERLAND FLOW DIRECTION
 - PROPOSED SANITARY FRAME AND GRATE
 - PROPOSED SIAMISE CONNECTION
 - PROPOSED VALVE AND BOX
 - PROPOSED WATER METER
 - PROPOSED BACKFLOW PREVENTER
 - PROPOSED DETECTOR ASSEMBLY
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED WATERMAIN
 - EX. SANITARY SEWER
 - EX. STORM SEWER
 - EX. WATERMAIN
 - EX. CATCH BASIN
 - EX. MANHOLE
 - EX. HAND WELL
 - EX. GAS METER
 - EX. WATER KEY
 - EX. UTILITY POLE
 - EX. LIGHT
 - EX. HYDRO
 - EX. TELEPHONE
 - EX. OVERHEAD WIRES
 - EX. DECIDUOUS TREE 0.10m dia.
 - EX. GUY WIRE/POLE



TOWN OF PICTOU
PRINCE EDWARD COUNTY

TOWN FILE NO.: COUNTY FILE NO.:

SURVEY INFO.
WATSON LAND SURVEYORS
218 CHURCH ST.
BELLVILLE, ON
K8N 3C3
PHONE: (416) 962-9921

SITE PLAN INFO.
HSPH HOLDINGS INC.
51 DAK AVENUE
RICHMOND HILL, ON
L4C 0R5

I ISSUED FOR RZA & SPA 07/07/26 LPH
NO. ISSUE HW/SD/YY BY



SITEPLAN/TECH INC.
50 ST. CLEMENTS AVE.
TORONTO, ON M4B 1G9
PHONE: (416) 270-7515

HOMES FIRST QUEEN ELIZABETH
RESIDENCES
35 BARKER STREET, PICTOU

GRADING PLAN

PROJECT NO.: 24-017 DRAWING: 401

