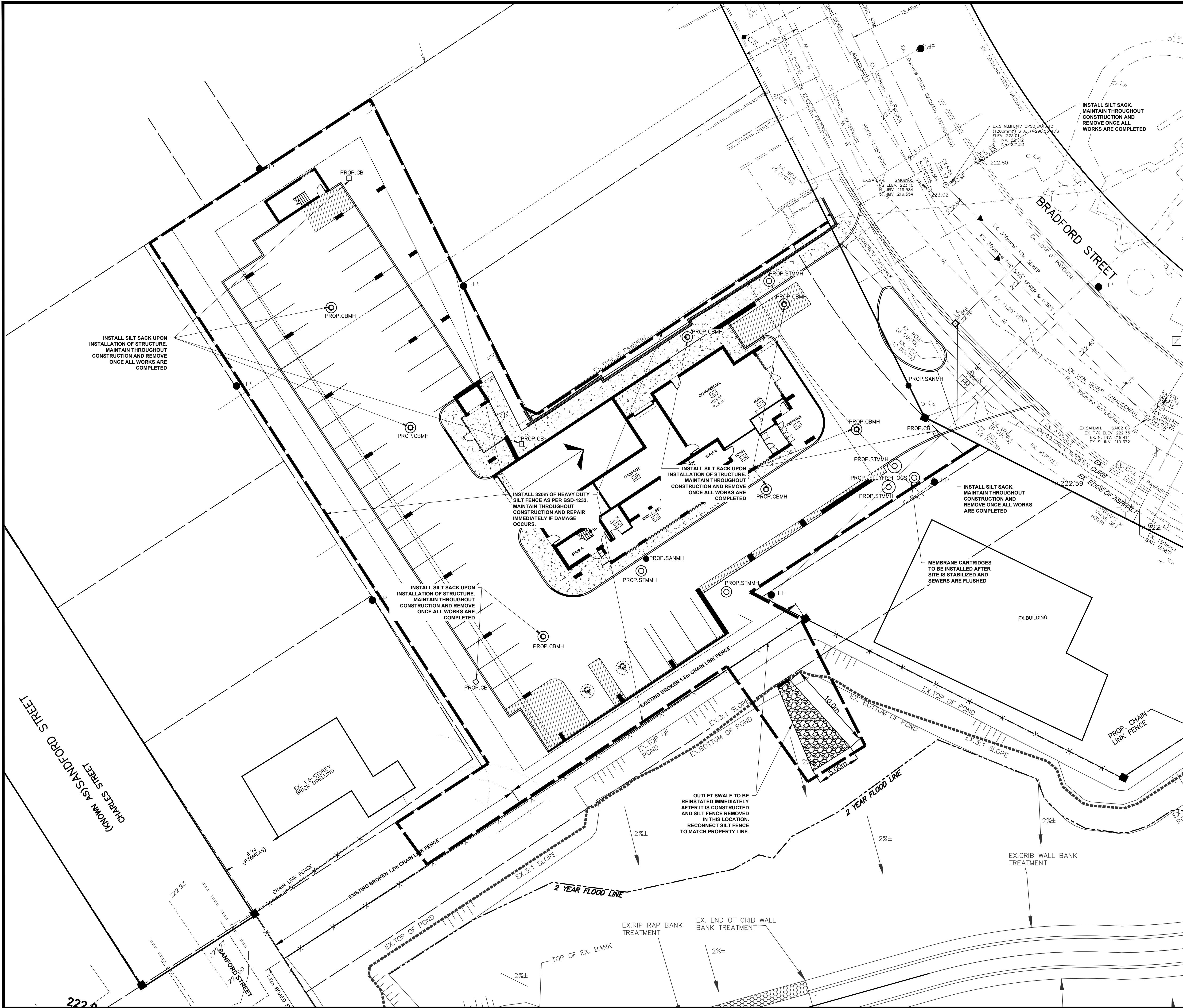
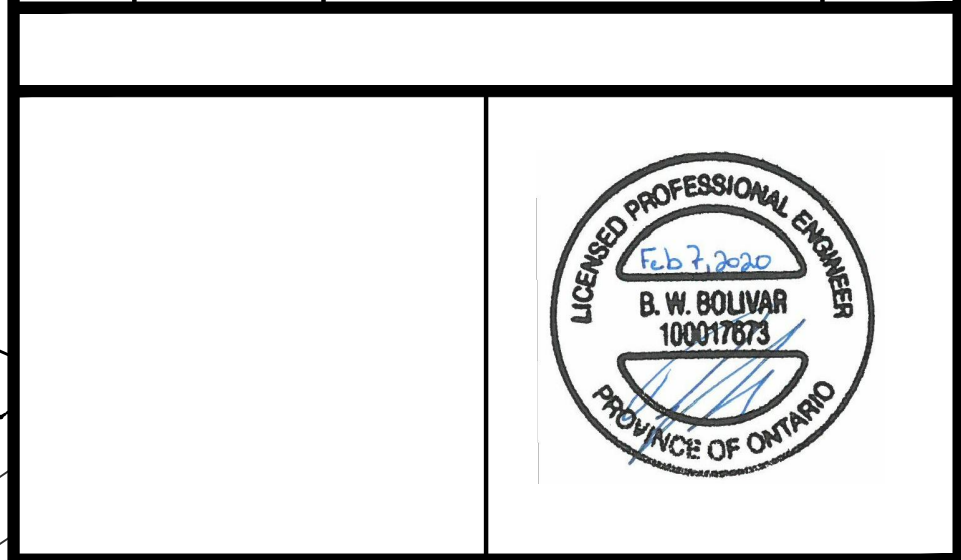




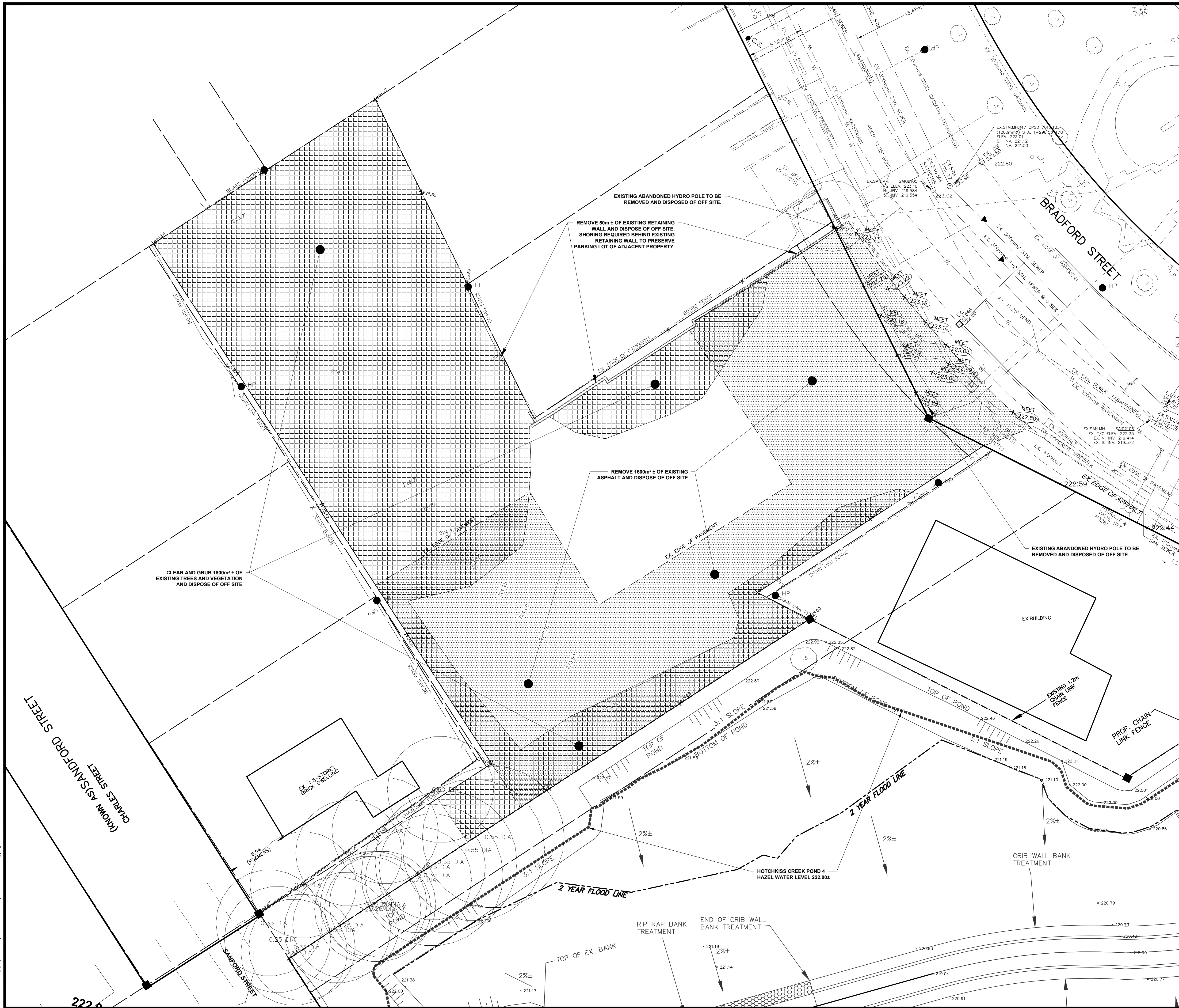
KEY MAP	
N.T.S.	
LEGEND	
PROPOSED SILTATION FENCE	PROPOSED CATCH BASIN
PROPOSED MAINTENANCE HOLE	PROPOSED CATCH BASIN MAINTENANCE HOLE
EXISTING CURB	EXISTING PAVEMENT
EXISTING FENCE	EXISTING LOT
EXISTING BUILDINGS	EXISTING SIDEWALK
EXISTING TREE LINE	EXISTING SANITARY MAINTENANCE HOLE
EXISTING SANITARY MAINTENANCE HOLE	EXISTING SANITARY SEWER
EXISTING STORM MAINTENANCE HOLE	EXISTING STORM CATCH BASIN
EXISTING STORM SEWER	EXISTING WATER MAIN
EXISTING WATER SERVICE	EXISTING UNDERGROUND BELL
EXISTING UNDERGROUND BELL	EXISTING UNDERGROUND CCTV
EXISTING UNDERGROUND GAS	EXISTING UNDERGROUND HYDRO
EXISTING UNDERGROUND CONDUIT	EXISTING ABOVEGROUND BELL
EXISTING ABOVEGROUND BELL	EXISTING ABOVEGROUND CCTV
EXISTING ABOVEGROUND HYDRO	

SCHEDULE OF REVISIONS			
NO.	DATE	DESCRIPTION	CHECKED
1.	2020 02 07	SITE PLAN APPLICATION	BWB

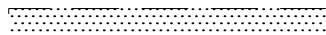


CHAYELL HOSPITALITY GROUP
220 BRADFORD STREET
CITY OF BARRIE
EROSION AND SEDIMENT CONTROL

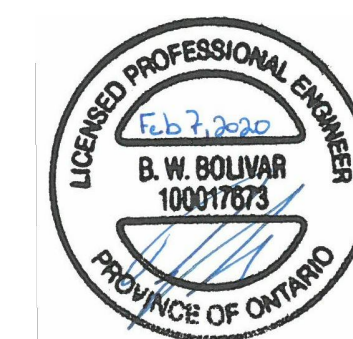
PROJECT NO. 3266	DRWG NO. 3266-ESC
DATE: NOV. 2019	SCALE: 1:200
DRAWN:	CHECKED: APPROVED:
SBA Skelton Brumwell & Associates Inc. ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS	
93 BELL FARM ROAD, SUITE 107 BARRIE, ONTARIO L4M 5G1 www.skeltonbrumwell.ca	TELEPHONE (705) 726-1141 FAX (705) 726-0331 TOLL FREE (877) 726-1141



KEY MAP
N.T.S.
LEGEND

- | | |
|---|------------------------------------|
| 250.00 | EXISTING MAJOR CONTOUR |
| 250.25 | EXISTING MINOR CONTOUR |
| × 225.17 | EXISTING SPOT ELEVATION |
|  | EXISTING ASPHALT REMOVALS |
|  | EXISTING TREES/VEGETATION REMOVALS |
| --- | EXISTING CURB |
| --- | EXISTING PAVEMENT |
| --- X --- | EXISTING FENCE |
| --- | EXISTING LOT |
| ===== | EXISTING BUILDINGS |
| --- | EXISTING SIDEWALK |
| --- | EXISTING TREE LINE |
| ○ EX. SAN. MH. | EXISTING SANITARY MAINTENANCE HOLE |
| --- | EXISTING SANITARY SEWER |
| ○ EX. STM. | EXISTING STORM MAINTENANCE HOLE |
| □ EX. CB | EXISTING STORM CATCH BASIN |
| --- | EXISTING STORM SEWER |
| --- | EXISTING WATER MAIN |
| W | EXISTING WATER SERVICE |
| WS | EXISTING UNDERGROUND BELL |
| --- | EXISTING UNDERGROUND CCTV |
| --- | EXISTING UNDERGROUND GAS |
| --- | EXISTING UNDERGROUND HYDRO |
| --- | EXISTING UNDERGROUND CONDUIT |
| --- | EXISTING ABOVEGROUND BELL |
| --- | EXISTING ABOVEGROUND CCTV |
| --- | EXISTING ABOVEGROUND HYDRO |

SCHEDULE OF REVISIONS

[illegible]

CHAYELL HOSPITALITY
GROUP
220 BRADFORD STREET
CITY OF BARRIE

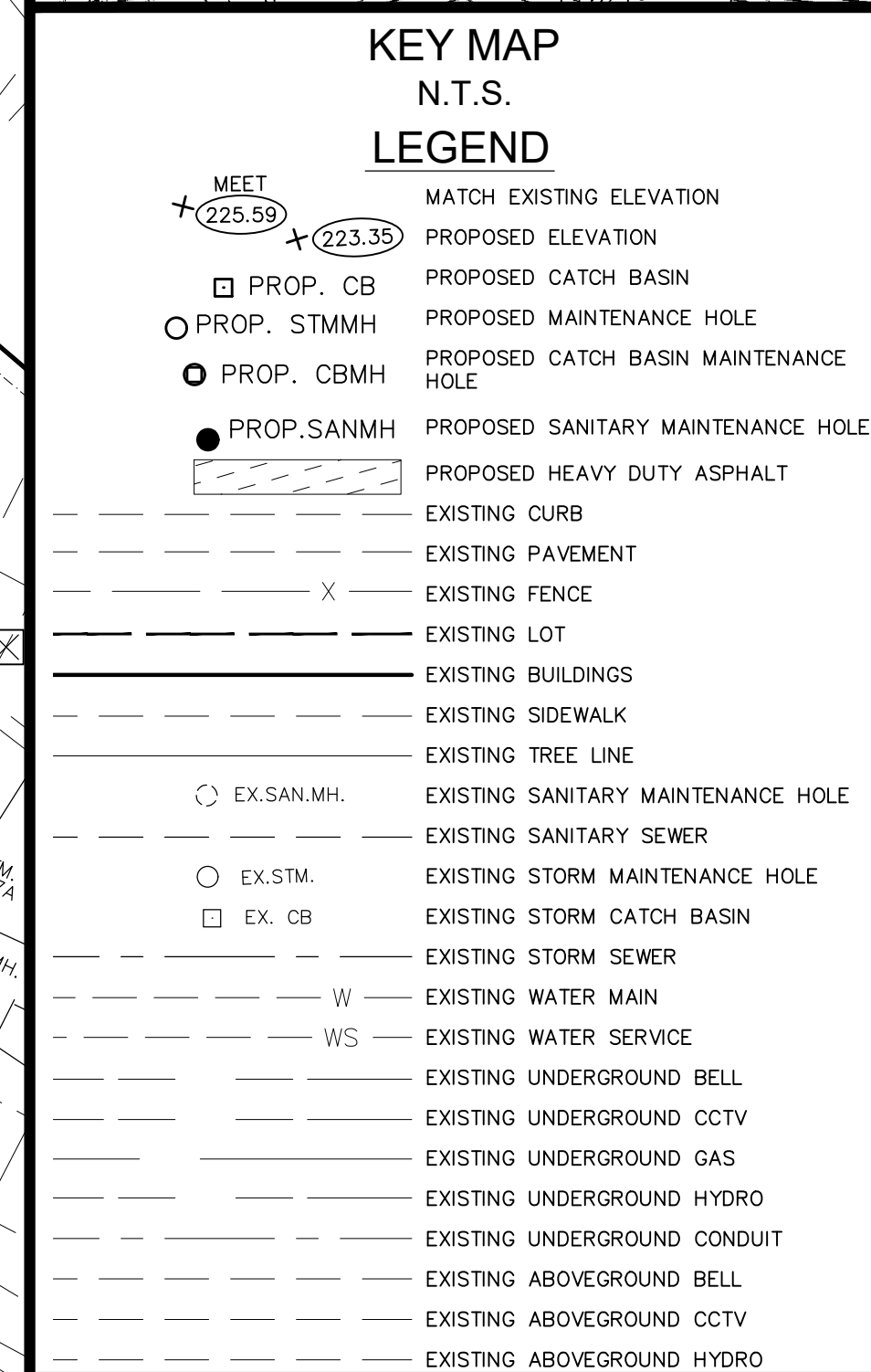
REMOVALS

PROJECT NO. 3266		DRWG NO. 3266-R	
DATE: NOV. 2019		SCALE: 1:200	
DRAWN: NDK		CHECKED:	APPROVED:



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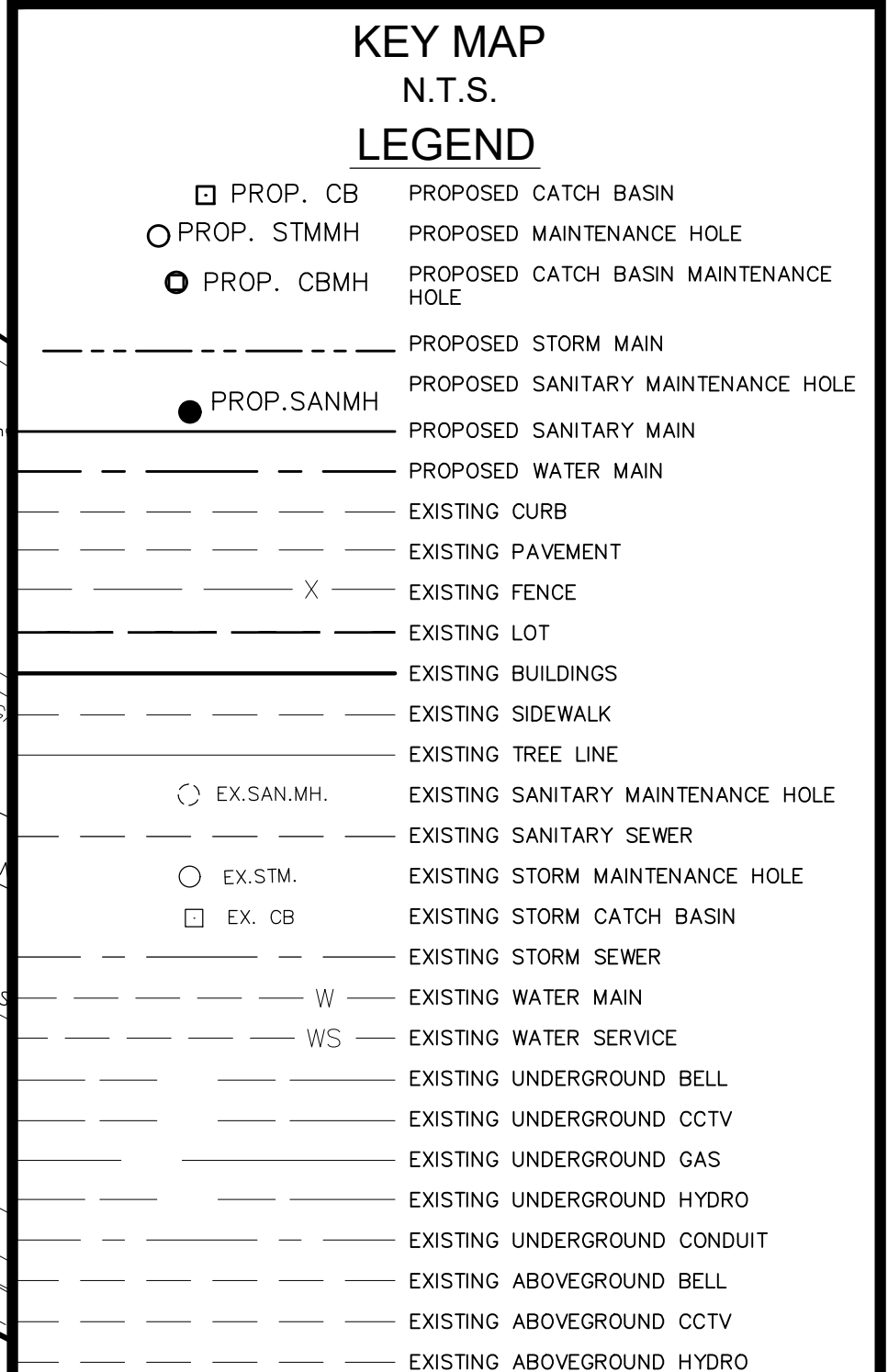
SITE GRADING

SBA Skelton Brumwell
& Associates Inc.
 ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS

93 BELL FARM ROAD, SUITE 107
 BARRIE, ONTARIO L4M 5G1
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PROJECT NO. 3266		DRWG NO. 3266-SS	
DATE: 2019		SCALE: 1:200	
DRAWN:		CHECKED:	APPROVED:



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& Associates Inc.

ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS

93 BELL FARM ROAD, SUITE 107 GARRIE, ONTARIO L4M 5G1 www.skeltonbrumwell.ca	TELEPHONE (705) 726-1141 FAX (705) 726-0531 TOLL FREE (877) 726-1141
---	--

EXISTING SERVICES & UTILITIES

THE LOCATION OF EXISTING SERVICES & UTILITIES, AS SHOWN, IS APPROXIMATE ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF SAME, AND REPAIR OF ANY DAMAGES AS A RESULT OF CONSTRUCTION.

ROAD WORKS

A ROAD OCCUPANCY PERMIT IS REQUIRED FROM THE ROADS AND PARKS OPERATIONS BRANCH PRIOR TO THE COMMENCEMENT OF WORK WITHIN ANY CITY RIGHT-OF-WAY.

SITE WORKS

A SITE ALTERATION PERMIT IS REQUIRED FROM THE ENGINEERING DEPARTMENT PRIOR TO THE COMMENCEMENT OF ANY EARTH WORKS ON THE SITE.

TOPOGRAPHIC INFORMATION

TOPOGRAPHIC INFORMATION INTERNAL TO SITE PROVIDED BY JD BARNES LIMITED, ONTARIO LAND SURVEYOR. CONTOURS SHOWN REPRESENT EXISTING TOPOGRAPHIC INFORMATION. ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND THE EXISTING CONDITIONS SHOWN ON THE SITE GRADING DRAWING "SG" ARE TO BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR 48 HOURS BEFORE WORK IS TO BEGIN.

BENCHMARK

ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO CITY OF BARRIE COMBINED COSINE BENCHMARKS, SEE DET-5 FOR REFERENCE MAP AND MONUMENT DATA.

GEOTECHNICAL REPORT

GEOTECHNICAL INVESTIGATION REPORTS 1 AND 2 PREPARED BY CAMBIUM INC. DATED 2019-12-05

DRAWING AND CROSS REFERENCING

THIS DRAWING IS TO BE READ AND CROSS REFERENCED WITH ALL OTHER CIVIL DRAWINGS AS WELL AS ARCHITECTURAL AND LANDSCAPE PLANS AND THE GEOTECHNICAL INVESTIGATION

STORM SEWERS

- CATCH BASINS
 - OPSD 705.010 & 705.020
 - OPSD 400.010 FRAME AND GRATE
 - OPSS 407 NOV 2015

- MANHOLES & CATCH BASIN MANHOLES
 - OPSD 701.010 (1200mm DIA)
 - OPSD 701.011 (1500mm DIA)
 - OPSD 401.010 FRAME AND GRATE (MANHOLES)
 - OPSD 400.010 FRAME AND GRATE (CATCHBASIN MANHOLES)
 - OPSS 407 NOV 2015

- OIL/GRIT SEPARATOR
 - SUPPLIED BY OR FORTERRA DRAINAGE PIPE AND PRODUCTS
 - INSTALLED PER OPSS 407 AND MANUFACTURERS RECOMMENDATIONS

- PIPE
 - SIZES AS SHOWN
 - PIPE SHALL BE "BIG O" POLYETHYLENE 210kpa, PVC DR-35 OR RIBBED PVC PER CSA 182.2 AND 182.4. CONCRETE PIPE SHALL BE CLASS Y 140-D, BE CLASS Y 140-D, BE CLASS Y 140-D.
 - BEDDING AND COVER SHALL BE GRANULAR "A", COMPACTED TO 98% SPMD.
 - BEDDING & BACKFILL FOR ALL PVC PIPE SHALL BE OPSD 802.010, AS RECOMMENDED IN THE GEOTECHNICAL INVESTIGATION AND ADDENDUM.
 - IN ADVERSE CONDITIONS, FILTER WRAPPED CLEAR STONE MAY BE SUBSTITUTED AND USED FOR PIPE BEDDING AND COVER AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
 - BACKFILL SHALL BE WELL GRADED IMPORTED GRANULAR 'B' COMPACTED TO 98% SPMD.
 - MATERIALS, INSTALLATION AND TESTING PER OPSS MUNI 410 (NOV 2015)
 - ALL PIPE SEWERS TO BE INSTALLED TRUE TO LINE, ELEVATION AND GRADE AS SHOWN ON CONTRACT DRAWINGS.
 - ALL GRAVITY SEWERS MUST BE INSPECTED BY CCTV CAMERA. IF DEFICIENCIES ARE NOTED LEAKAGE AND DEFLECTION TESTED PER OPSS 410 MAY BE REQUIRED.
 - ALL DEFICIENCIES SHALL BE ADDRESSED PRIOR TO ACCEPTANCE BY THE ENGINEER.

- ALL FRAMES, GRATES & COVERS TO BE SET TO FINISHED GRADE. WHERE THERE IS A DELAY BETWEEN TOP COARSE AND BASE COARSE ASPHALT THE CONTRACTOR SHALL SET CATCH BASIN MANHOLE FRAME AND GRATES TO BASE COARSE ASPHALT AND RESET TO FINISHED GRADE PRIOR TO TOP COARSE ASPHALT.

SANITARY SEWERS

- MANHOLES
 - OPSD 701.010 (1200mm)
 - OPSD 401.010 FRAME AND GRATE (MANHOLES)
 - OPSS 407 NOV 2015

- PIPE
 - SIZES AS SHOWN
 - ALL PIPE SHALL BE PVC DR-35 OR RIBBED PVC PER CSA 182.2 AND 182.4.
 - BEDDING AND COVER SHALL BE GRANULAR "A", COMPACTED TO 98% SPMD.
 - BEDDING & BACKFILL FOR ALL PVC PIPE SHALL BE OPSD 802.010, AS RECOMMENDED IN THE GEOTECHNICAL INVESTIGATION AND ADDENDUM.
 - IN ADVERSE CONDITIONS, FILTER WRAPPED CLEAR STONE MAY BE SUBSTITUTED AND USED FOR PIPE BEDDING AND COVER AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
 - BACKFILL SHALL BE WELL GRADED IMPORTED GRANULAR 'B' COMPACTED TO 98% SPMD.
 - MATERIALS, INSTALLATION AND TESTING PER OPSS 410.
 - ALL PIPE SEWERS TO BE INSTALLED TRUE TO LINE, ELEVATION AND GRADE AS SHOWN ON CONTRACT DRAWINGS.
 - ALL GRAVITY SEWERS MUST BE INSPECTED BY CCTV CAMERA. IF DEFICIENCIES ARE NOTED LEAKAGE AND DEFLECTION TESTED PER OPSS MUNI 410 (NOV 2015) MAY BE REQUIRED.
 - ALL DEFICIENCIES SHALL BE ADDRESSED PRIOR TO ACCEPTANCE BY THE ENGINEER.

- ALL FRAMES, GRATES & COVERS TO BE SET TO FINISHED GRADE. WHERE THERE IS A DELAY BETWEEN TOP COARSE AND BASE COARSE ASPHALT THE CONTRACTOR SHALL SET CATCH BASIN MANHOLE FRAME AND GRATES TO BASE COARSE ASPHALT AND RESET TO FINISHED GRADE PRIOR TO TOP COARSE ASPHALT.

WATER SERVICE

- ALL WATER DISTRIBUTION PER OPSS 441 AND THE CITY OF BARRIE WATER DISTRIBUTION SPECIFICATIONS.
- SERVICE CONNECTIONS AS NOTED ON DRAWING "3266-SS" AND SHALL BE INSTALLED PER THE CITY OF BARRIE WATER DISTRIBUTION SPECIFICATIONS.
- PIPE
 - PVC C900 (CLASS 150) OR DR-18 TYPE K COPPER AS SPECIFIED, TWU #12 STRANDED COPPER TRACER WIRE (PVC PIPE).
 - BEDDING SHALL BE SAND MEETING OPSS 1004.05.05 GRADATION REQUIREMENTS, AS RECOMMENDED GEOTECHNICAL INVESTIGATION AND ADDENDUM. EXCEPT IN ADVERSE CONDITIONS WHERE 19mm CLEAR STONE FILTER WRAPPED MAY BE USED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
 - BACKFILL SHALL BE WELL GRADED IMPORTED GRANULAR "B" COMPACTED TO 95% SPD, 98% IN UPPER 1 METRE.
 - MINIMUM COVER AT 1.7 m EXCEPT WHERE NOTED. INSULATION PER MOEE FIG. 3.2 WHERE COVER IS LESS THAN 1.7m.
- VALVES
 - RESILIENT SEATED GATE VALVES IN SIZES AS SPECIFIED.
 - C509, MUELLER T-2360-19, OR EQUIVALENT.
 - VALVE BOX SHALL BE BIBBY OR EMCO/CONCORD C/W VALVE NUT EXTENSION WHERE REQUIRED IN ACCORDANCE WITH THE CITY OF BARRIE WATER DISTRIBUTION SPECIFICATIONS.
- SACRIFICIAL NUTS OR CAPS SHALL BE USED ON ALL MECHANICAL JOINT FITTINGS, ON ALTERNATE BOLTS. PROTECTO CAPS - #175P190, OR DURATRON - #DSN0750, OR APPROVED EQUIVALENT.

ALL MATERIALS TO CONFORM TO CITY OF BARRIE APPROVED MANUFACTURERS PRODUCTS FOR LINEAR WATER SYSTEMS AS AVAILABLE ON LINE

<https://www.barrie.ca/City%20Hall/Planning-and-Development/Engineering-Resources/Documents/City-Standards/Approved%20Manufacturers%27%20Products%20for%20Linear%20Water%20Systems.pdf>

SERVICE CROSSINGS & SERVICE SPACING

SEWER PIPES AND STRUCTURES ARE TO BE SEPARATED FROM WATER SERVICES AND MAINS BY A MINIMUM DISTANCE 2500mm HORIZONTALLY FROM OUTSIDE WALL TO OUTSIDE WALL.

WHERE STORM/SANITARY/WATERMAIN CROSSINGS OCCUR, PIPES SEWERS SHALL BE INSTALLED SUCH THAT PIPE JOINTS ARE A MINIMUM OF 2440mm FROM THE OUTSIDE WALL OF WATERMAINS OR SERVICES, MEASURED HORIZONTALLY FROM THE SPRING LINE

WATERMAINS ARE TO PASS ABOVE SEWERS WHERE SUFFICIENT COVER TO FINISHED GRADE REMAINS. OTHERWISE WATERMAIN IS TO BE DEFLECTED UNDER SEWERS WITH A MINIMUM OF 500mm SEPARATION FROM OUTSIDE OF SEWER PIPE TO OUTSIDE OF WATERMAIN PIPE.

ASPHALT

ALL ASPHALT CONSTRUCTION TO COMPLY WITH OPSS 310(NOV 2012) SEE ARCHITECTURAL DRAWINGS FOR LOCATION OF ASPHALT TYPES.

ASPHALT TYPE 1: LIGHT DUTY
40mm HL3 or HL4 SURFACE COURSE OPSS 1150 (NOV 2010) (92% MAXIMUM RELATIVE DENSITY)
50mm HL8 BASE COURSE OPSS 1150 (NOV 2010) (92% MAXIMUM RELATIVE DENSITY)
150mm GRANULAR 'A' 100% SPMD OPSS MUNI 1010 (NOV 2013) (100% SPDD)
300mm GRANULAR 'B' 100% SPMD OPSS MUNI 1010 (NOV 2013) (98% SPDD)

ASPHALT TYPE 2: HEAVY DUTY
40mm HL3 or HL4 SURFACE COURSE OPSS 1150 (92% MAXIMUM RELATIVE DENSITY)
90mm HL8 BASE COURSE OPSS 1150 (92% MAXIMUM RELATIVE DENSITY)
150mm GRANULAR 'A' 100% SPMD OPSS MUNI 1010 (NOV 2013) (100% SPDD)
4000mm GRANULAR 'B' 100% SPMD OPSS MUNI 1010 (NOV 2013) (98% SPDD)

GRANULARS TO BE PLACED IN MAXIMUM 200mm LIFTS.

ADJACENT TO EXISTNG ASPHALT, GRANULAR BASE TO BE TAPERED AT 10:1 UP TO MEET EXISTING. TAPER TO BE LOCATED UNDER EXISTING ASPHALT AREA SO EXISTING ASPHALT IS TO BE CUT BACK TO ACCOMMODATE THE TAPER.

SUBGRADE

AFTER EXCAVATION TO FULL DEPTH OF GRANULARS, SUBGRADE IS TO BE PROOF ROLLED TO VERIFY THAT IT IS COMPETENT FOR SUPPORT OF PAVEMENT UNDER THE SUPERVISION OF THE PROJECT GEOTECHNICAL CONSULTANT. SOFT AREAS ARE TO BE SUB-EXCAVATED AND BACKFILLED WITH GRANULAR MATERIAL COMPACTED TO A MINIMUM OF 95% SPMD. ALL SUBGRADE FILL MUST BE UNIFORMLY COMPACTED, IN LIFTS NOT EXCEEDING 300mm IN THICKNESS.

ASPHALT MARKING

REFER TO ARCHITECTS DRAWINGS AND SPECIFICATIONS.

CONCRETE CURB

PER OPSD 600.110

CONCRETE SIDEWALK

INSTALLED PER OPSS 351 (NOV 2015). REFER TO ARCHITECTS PLAN FOR DETAILS. GRANULAR BEDDING TO BE A MINIMUM OF 150mm GRANULAR 'A'. WHERE SIDEWALK IS ADJACENT TO CURBS AT DRIVEWAYS THE GRANULAR BASE SHALL BE EQUAL TO THE GRANULAR BASE IN THE DRIVEWAY.

GRASSED SURFACES

REFER TO LANDSCAPE ARCHITECTS PLAN

SHOP DRAWINGS

DRAWINGS FOR ALL SANITARY AND STORM STRUCTURES REQUIRED TO BE SUBMITTED TO PROJECT CIVIL ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION ON THE SITE.

GENERAL NOTES - WATERMAIN

- CONTRACTORS SHALL INFORM THE CITY OF BARRIE WATER OPERATIONS DEPARTMENT A MINIMUM OF 48 HOURS IN ADVANCE OF THEIR INTENTIONS TO PERFORM WORK ON WATER INFRASTRUCTURE.
- OPERATION OF HYDRANTS AND VALVES ON THE POTABLE WATER SYSTEM BY OTHER THAN QUALIFIED WATER OPERATIONS STAFF IS PROHIBITED BY CURRENT BY-LAW. CITY SERVICE FEES ARE PER THE CURRENT FEES BY-LAW. THE CITY'S WATER OPERATIONS STAFF WILL SWAB, PRESSURE TEST, CHLORINATE AND FLUSH ALL NEW WATERMAINS.
- MINIMUM COVER OVER WATERMAIN SHALL BE 1.7m. THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATERMAIN AND SEWERS SHALL BE 2.5m. WHERE WATERMAIN CONFLICTS WITH SEWER PIPES, DEFLECT WATERMAIN HORIZONTALLY OR VERTICALLY WHILE PROVIDING A MINIMUM OF 0.6m CLEARANCE BETWEEN WATERMAIN AND SEWERS. MAINTAIN MINIMUM DEPTH OF COVER AT ALL TIMES.
- WATERMAIN SHALL BE INSTALLED IN BEDDING AS PER OPSD 802.010 (GRANULAR 'A' EMBEDMENT MATERIAL) FOR FLEXIBLE PIPES AND OPSD 802.030 OR 802.031 CLASS 'B' (GRANULAR 'A' BEDDING MATERIAL, GRANULAR 'A' OR SELECT NATIVE COVER MATERIAL) FOR RIGID PIPE UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF WATER OPERATIONS. ALTERNATIVE EMBEDMENT MATERIAL, SAND MEETING GRADATION REQUIREMENTS OF OPSS MUNI 1004.05.07 COMPACTED TO 95% STANDARD PROCTOR MAXIMUM DRY DENSITY IS PERMISSIBLE WHERE NOTED IN STANDARD DETAILS. GEOTECHNICAL CERTIFICATION OF MATERIAL AND COMPACTION TESTING MUST BE PROVIDED EVERY 150 METRES. THE COMPACTION TESTING MUST INCLUDE THE ENTIRE EMBEDMENT ENVELOPE (HAUNCHES, BEDDING, TOP OF PIPE AND COVER).
- NEW WATERMAINS AND SERVICES 19mm TO 50mm IN DIAMETER SHALL BE EMBEDDED IN SAND 100mm ABOVE AND BELOW TO CONFORM TO OPSS MUNI 1004.05.07.
- RESTRAINING WILL BE REQUIRED ON ALL HYDRANTS, THRUST BLOCKS, AS PER OPSD 1103.010 AND 1103.020. RESTRAINING DEVICES MAY BE REQUIRED IN ADDITION TO STANDARD CONCRETE THRUST BLOCKING WHERE SOIL CONDITIONS WARRANT AT THE CITY'S DISCRETION.
- NEW WATERMAINS TO BE PVC DR18 CL150 MINIMUM; DUCTILE IRON CL52 AS PER THE APPROVED MANUFACTURERS PRODUCTS FOR LINEAR WATER SYSTEMS LIST.
- TRACING WIRE SHALL BE #12 AWG HIGH STRENGTH COPPER CLAD (HS-CSS) AND SHALL BE INSTALLED ON THE TOTAL LENGTH OF ALL WATERMAIN AND BROUGHT UP AT EACH HYDRANT AND CONNECTED TO FLANGE BOLT. ALL SPICES TO UTILIZE CONNECTORS AS PER THE APPROVED MANUFACTURERS PRODUCTS FOR LINEAR WATER SYSTEMS LIST.
- ALL WATER SERVICES SHALL BE MINIMUM 19mm TYPE 'K' COPPER OR 25mm CROSS-LINKED POLYETHYLENE UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF WATER OPERATIONS. WATER SERVICE SADDLES SHALL BE USED WHEN TAPPING INTO PVC WATERMAIN.
- SERVICE TAPPINGS SHALL BE PLACED AT A MINIMUM SEPARATION OF 1.0m AND A MINIMUM OF 0.6m FROM JOINTS, (ENDS OF PIPE)
- RISER PIPES ARE TO BE INSTALLED AS PER BSD-510, AND REMOVED AS DIRECTED. SWABBING SCHEDULE TO BE SUPPLIED BY A WATER OPERATIONS FIELD REPRESENTATIVE. ALL RISERS ARE TO BE RESTRAINED OR THRUST BLOCKED.
- ALL NEW CURB STOPS AND BOXES TO BE LOCATED AT PROPERTY LINE AND OUT OF DRIVEWAYS AND SIDEWALKS.



GENERAL NOTES - WATERMAIN

REV No. 1
DATE: FEB 2015
SCALE: N.T.S.
BSD-500
(PREVIOUSLY BSD-N10)

APPROVED
DATE: 6/16/2015
S. Skelton
DIRECTOR OF ENGINEERING



KEY MAP
N.T.S.
LEGEND

SCHEDULE OF REVISIONS

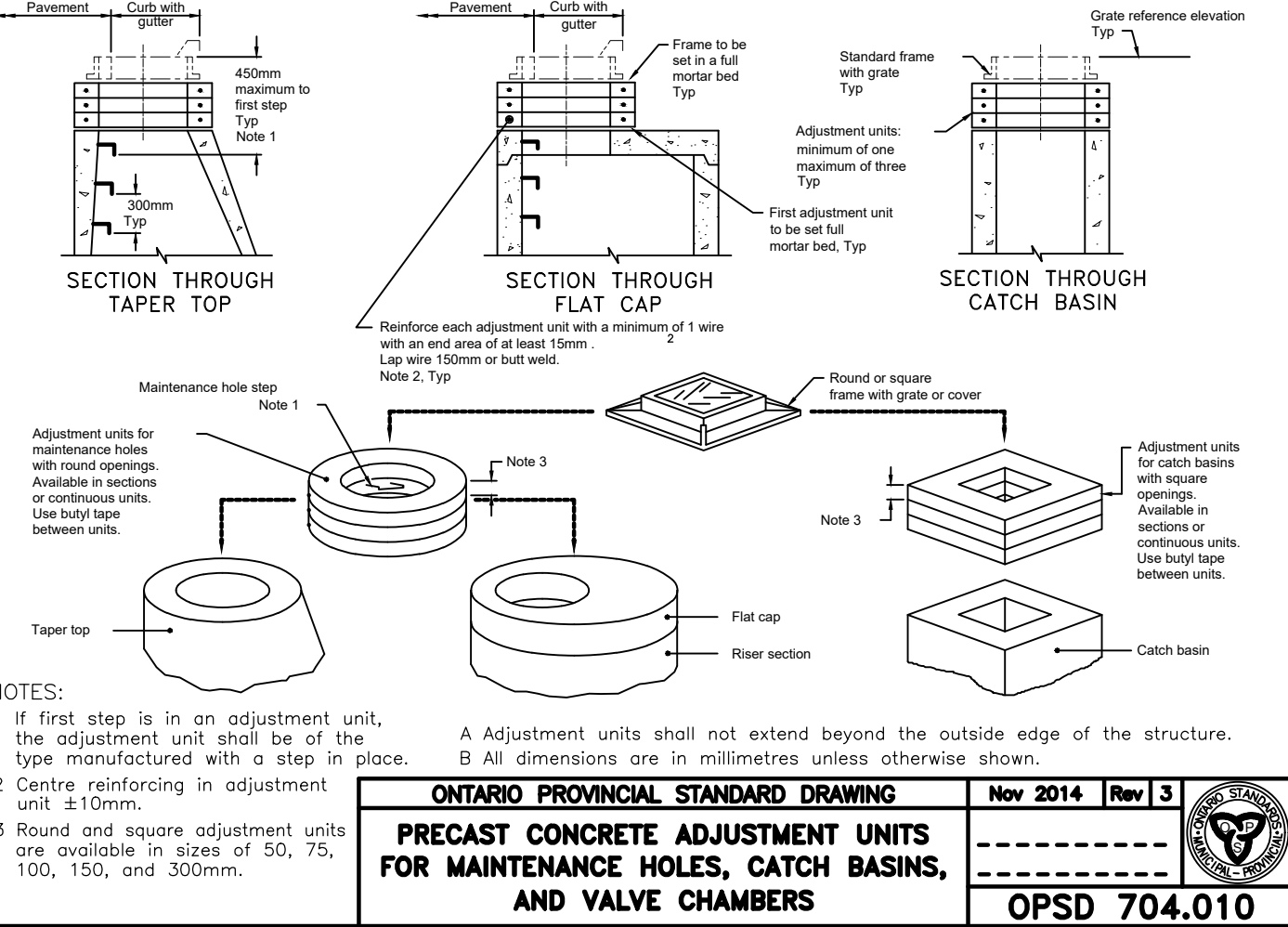
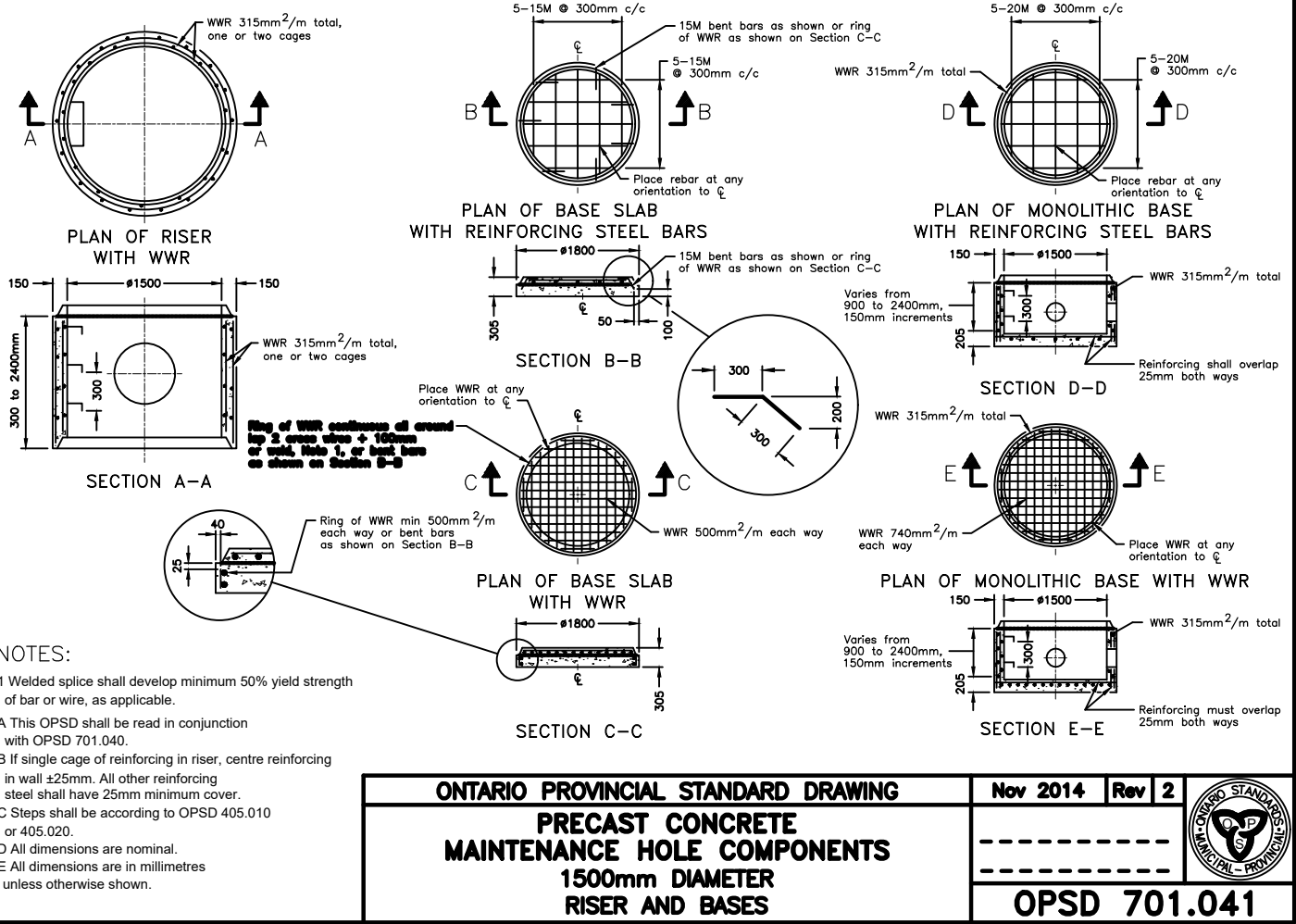
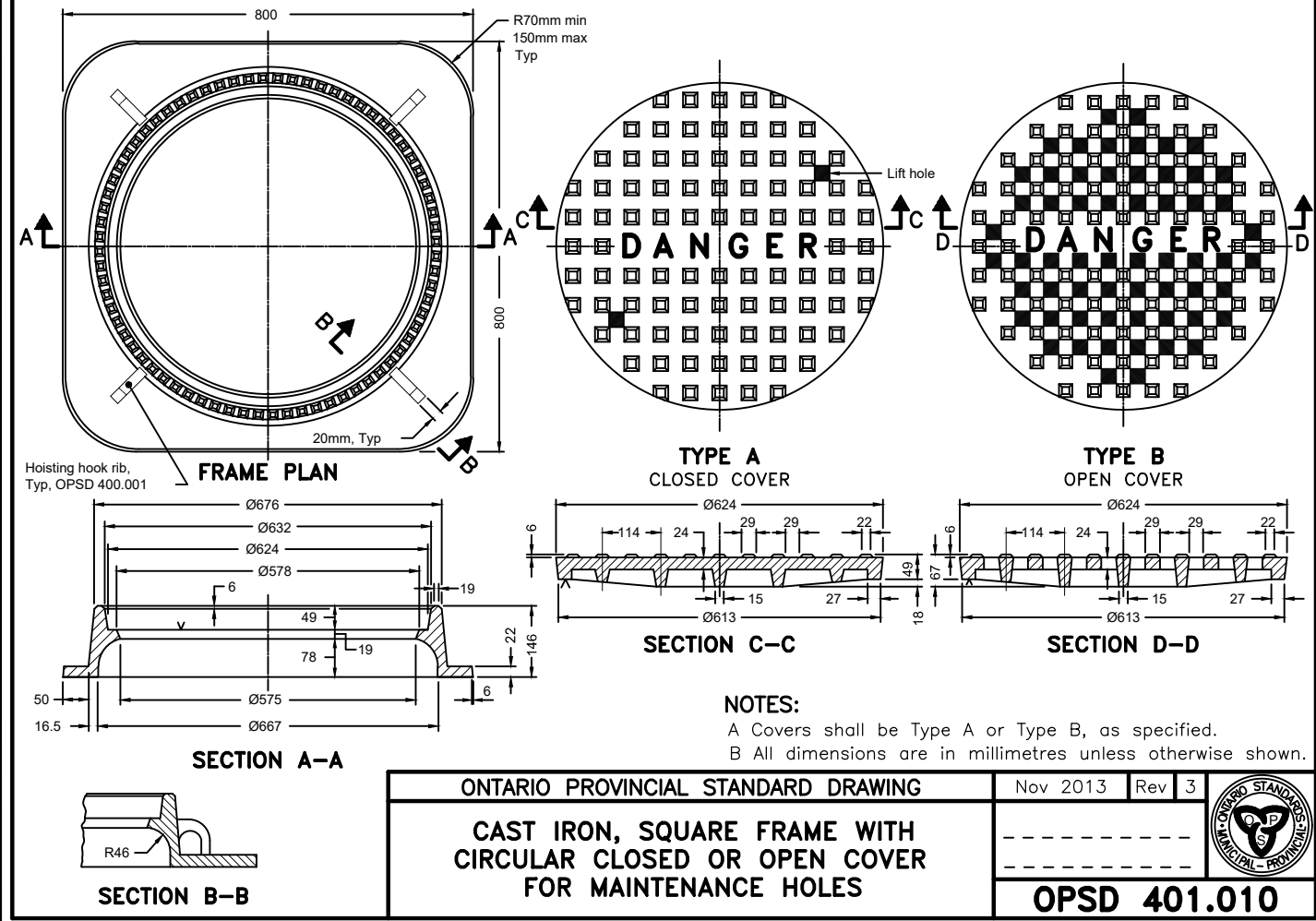
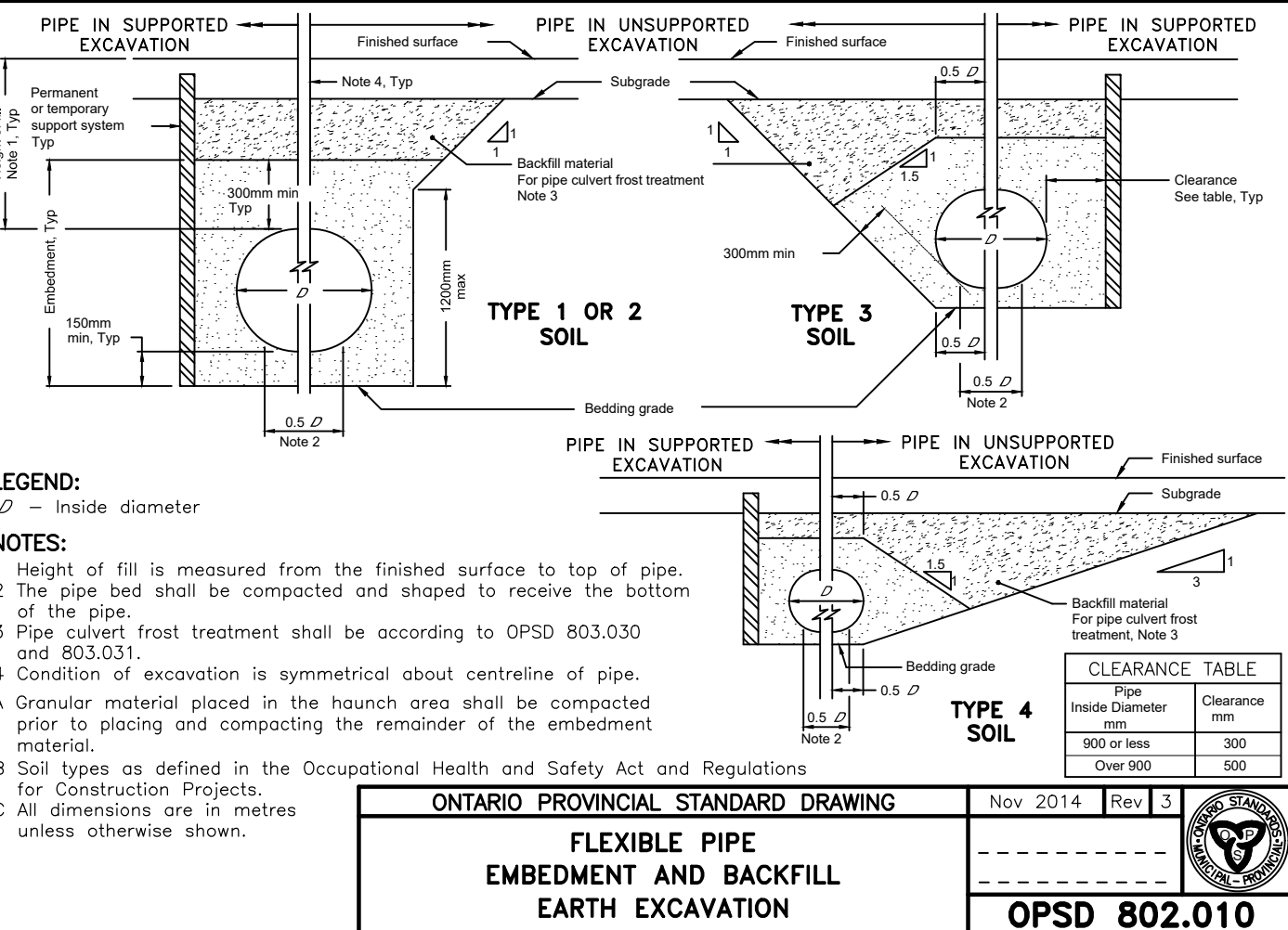
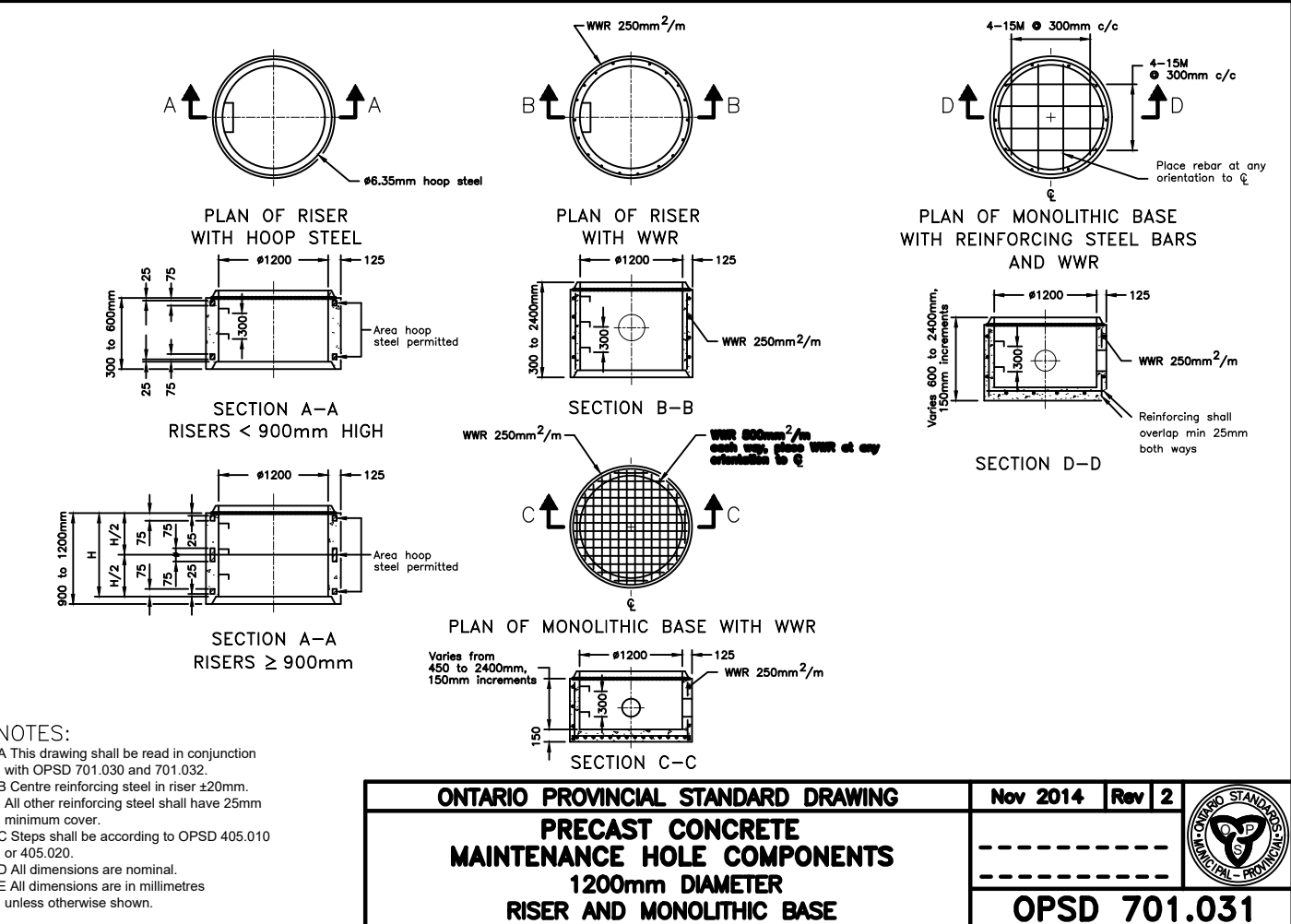
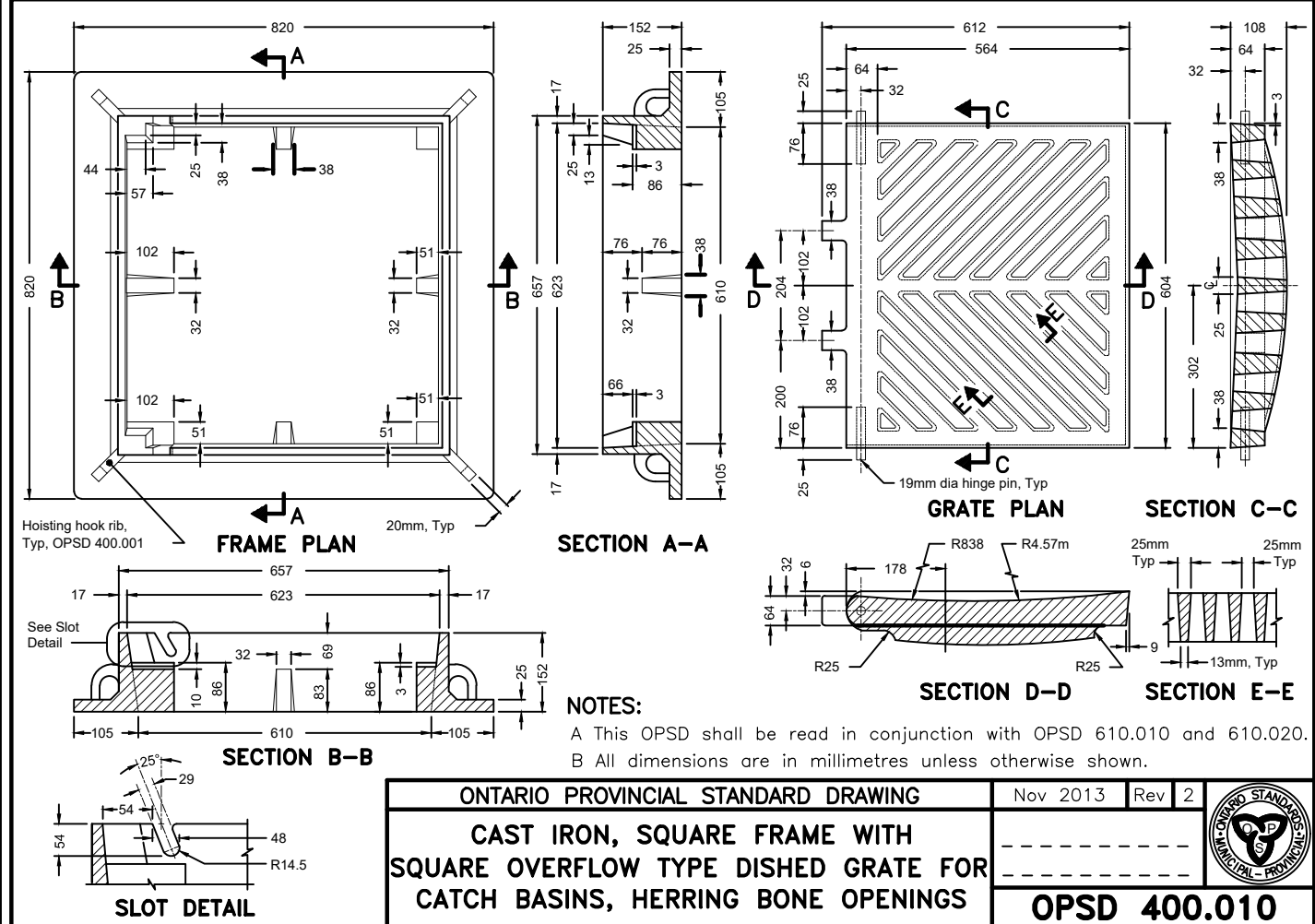
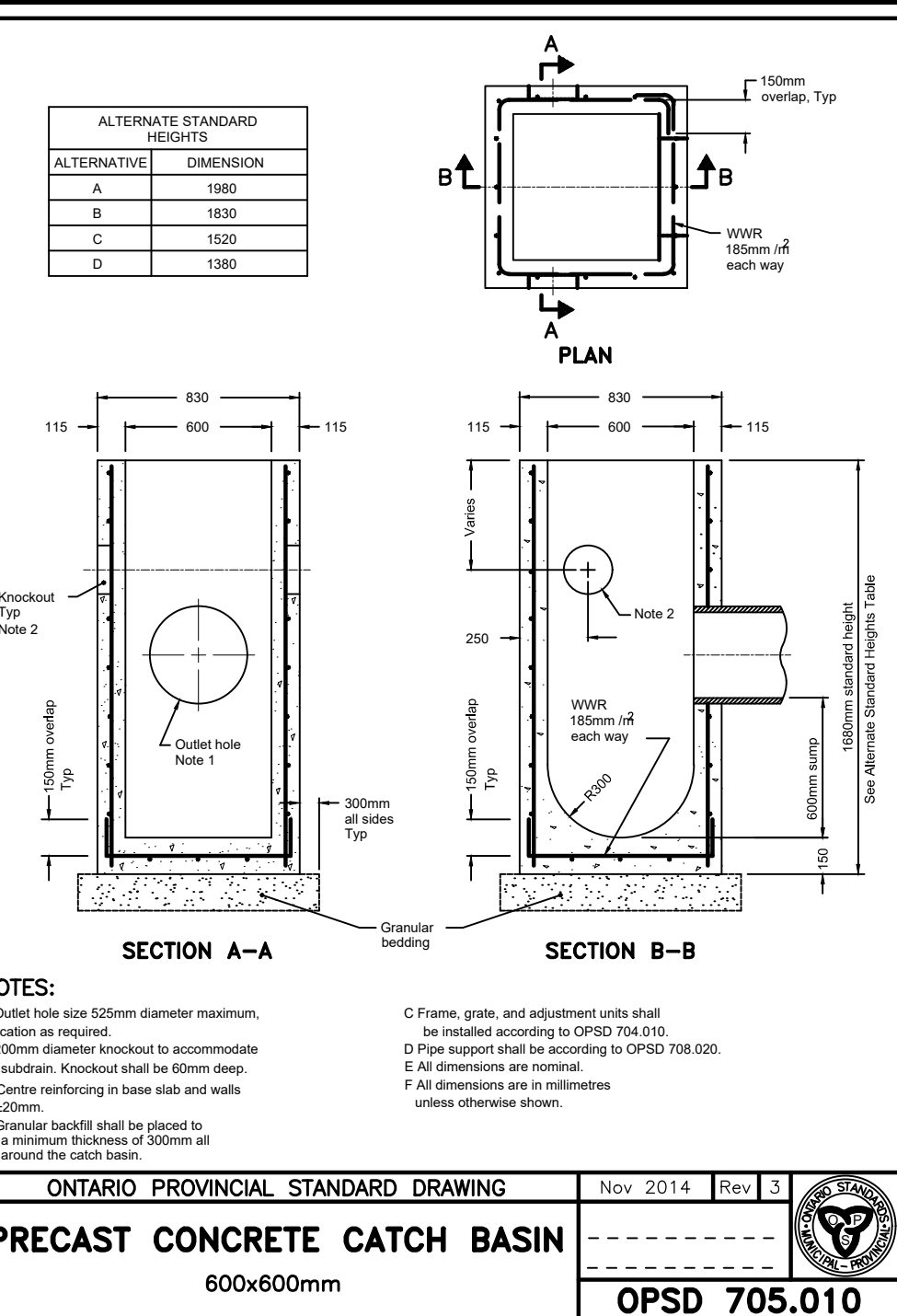
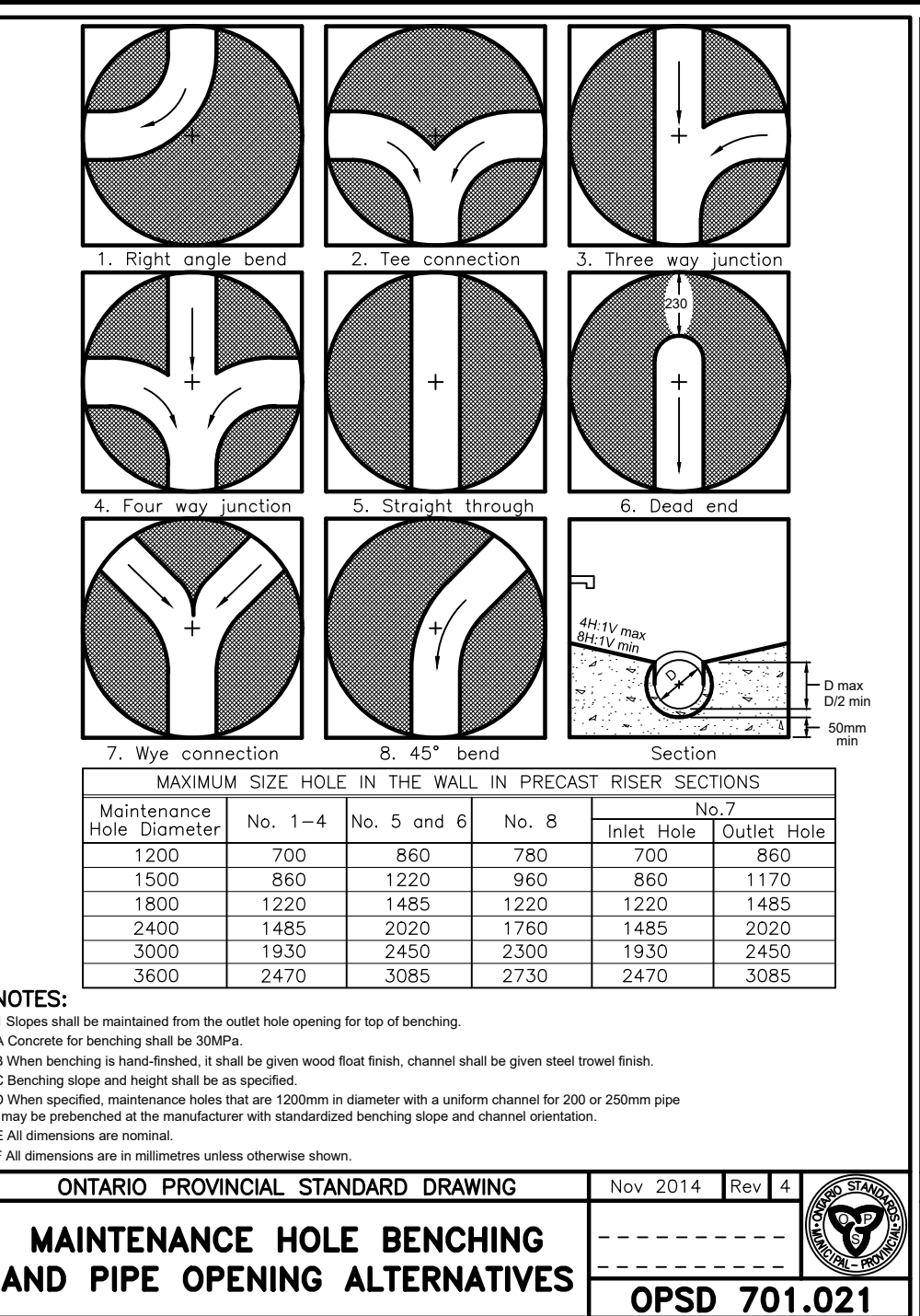
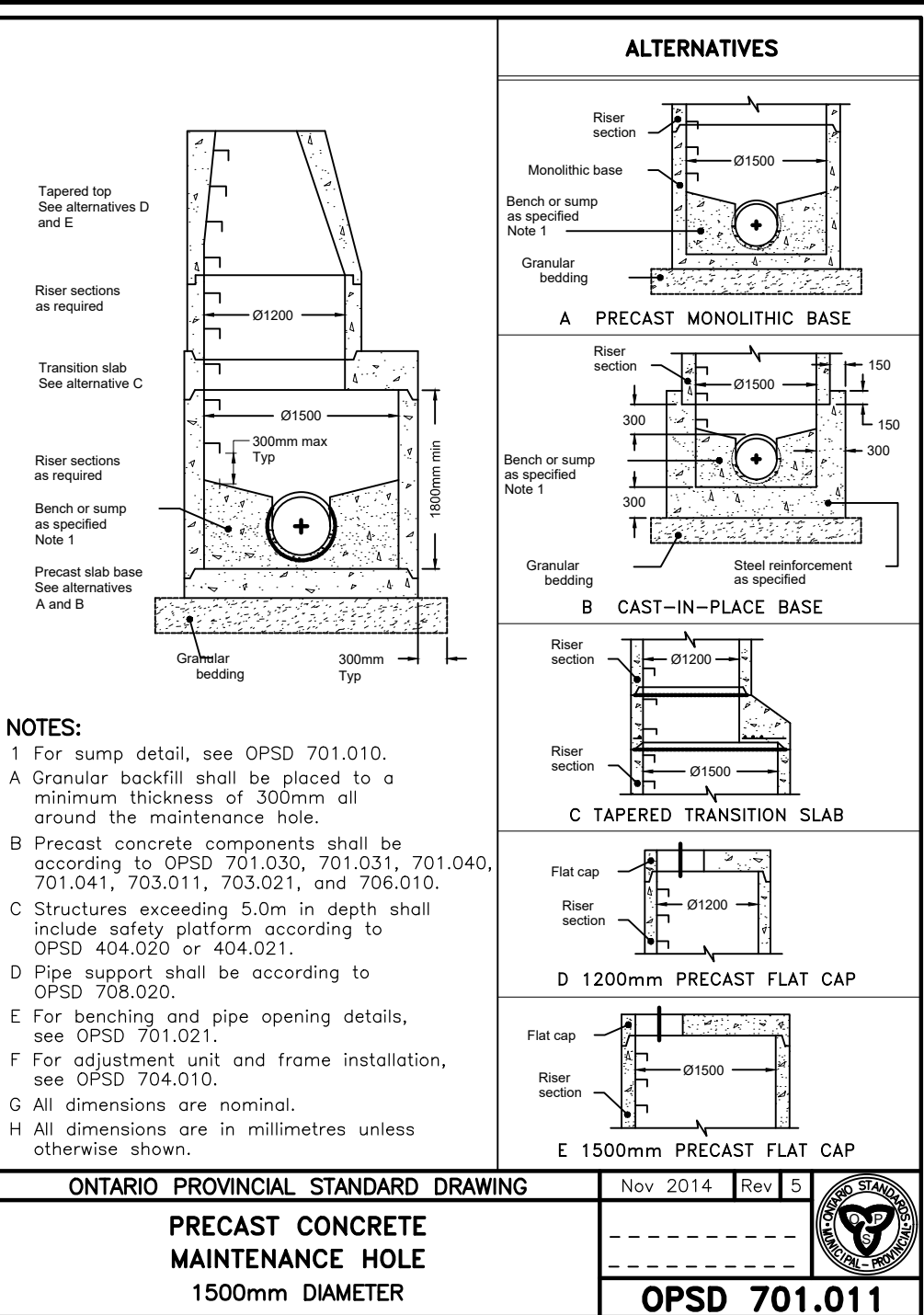
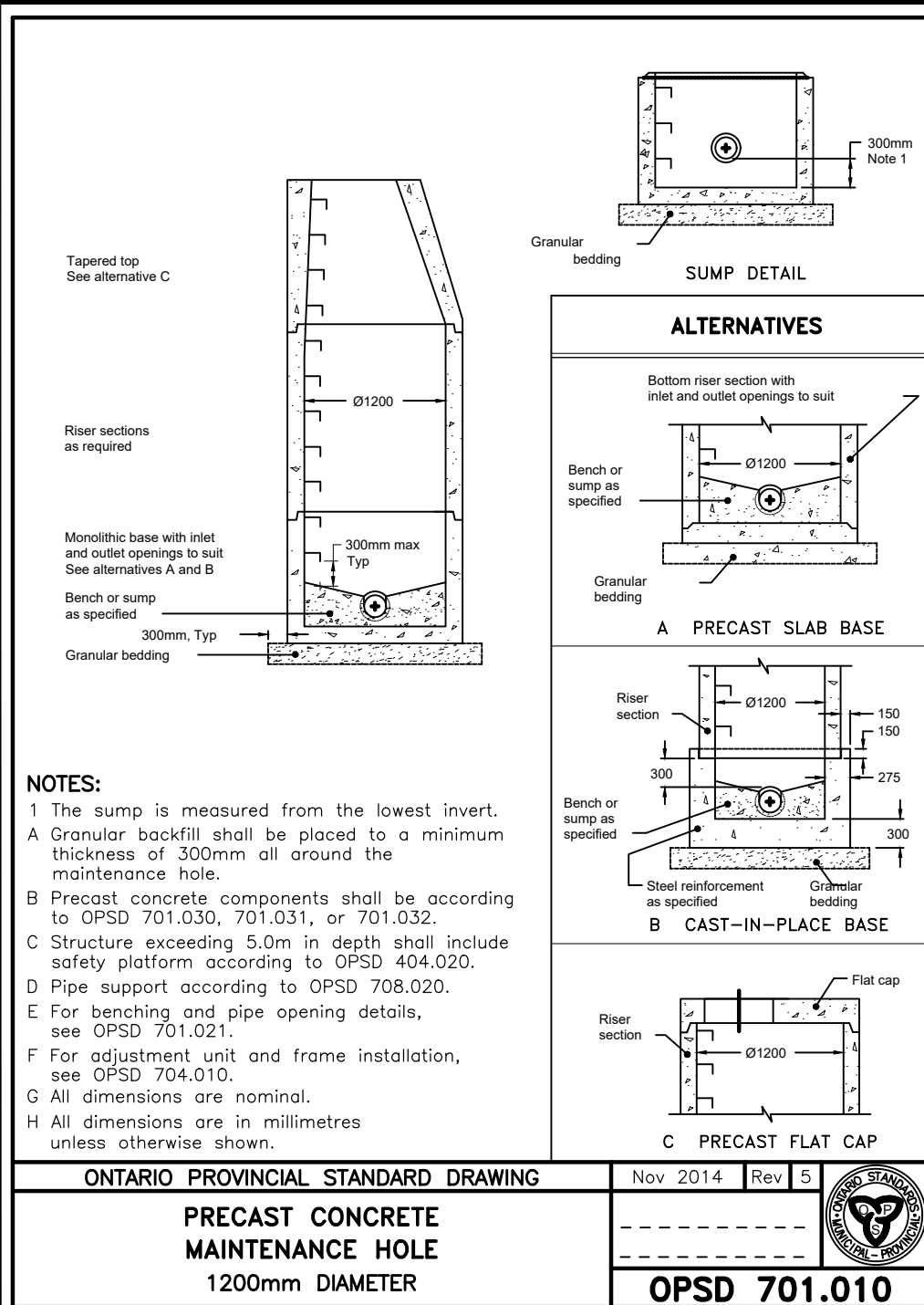
NO.	DATE	DESCRIPTION	CHECKED
1.	2020 02 07	SITE PLAN APPLICATION	BWB



CHAYELL HOSPITALITY
GROUP
220 BRADFORD STREET
CITY OF BARRIE

NOTES AND DETAILS

PROJECT NO.	3266	DRWG NO.	3266-DET1
DATE:	FEB. 2020	SCALE:	NTS
DRAWN:	NDK/BWB	CHECKED:	APPROVED:
SBA Skelton Brumwell & Associates Inc. ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS			
93 BELL FARM ROAD, SUITE 107 BARRIE, ONTARIO L4M 5G1 www.skeltonbrumwell.ca		TELEPHONE (705) 726-1141 FAX (705) 726-0331 TOLL FREE (877) 726-1141	

KEY MAP
N.T.S.
LEGEND

SCHEDULE OF REVISIONS			
NO.	DATE	DESCRIPTION	CHECKED
1.	2020 02 07	SITE PLAN APPLICATION	BWB

CHAYELL HOSPITALITY
GROUP
220 BRADFORD STREET
CITY OF BARRIE

DETAILS

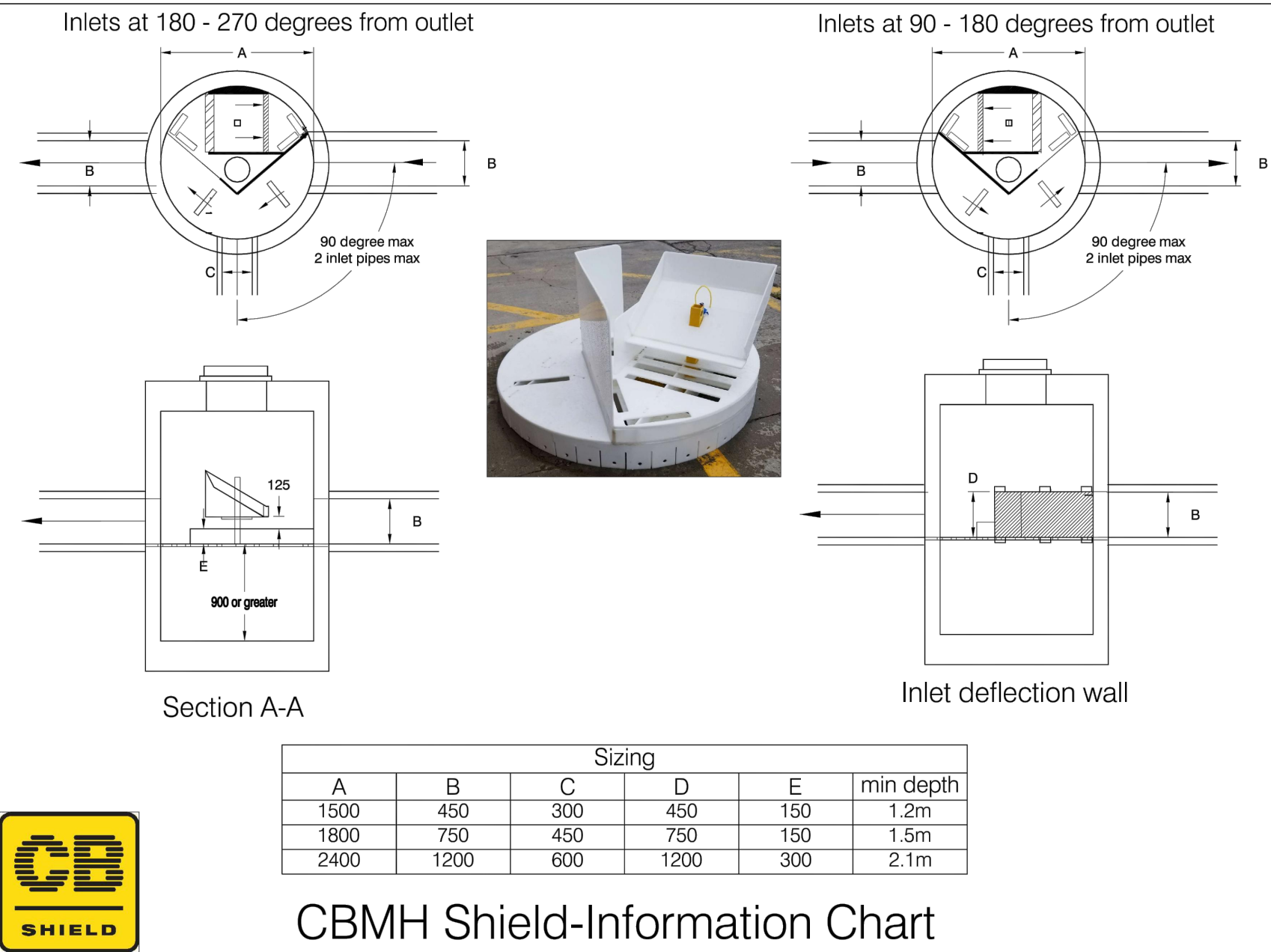
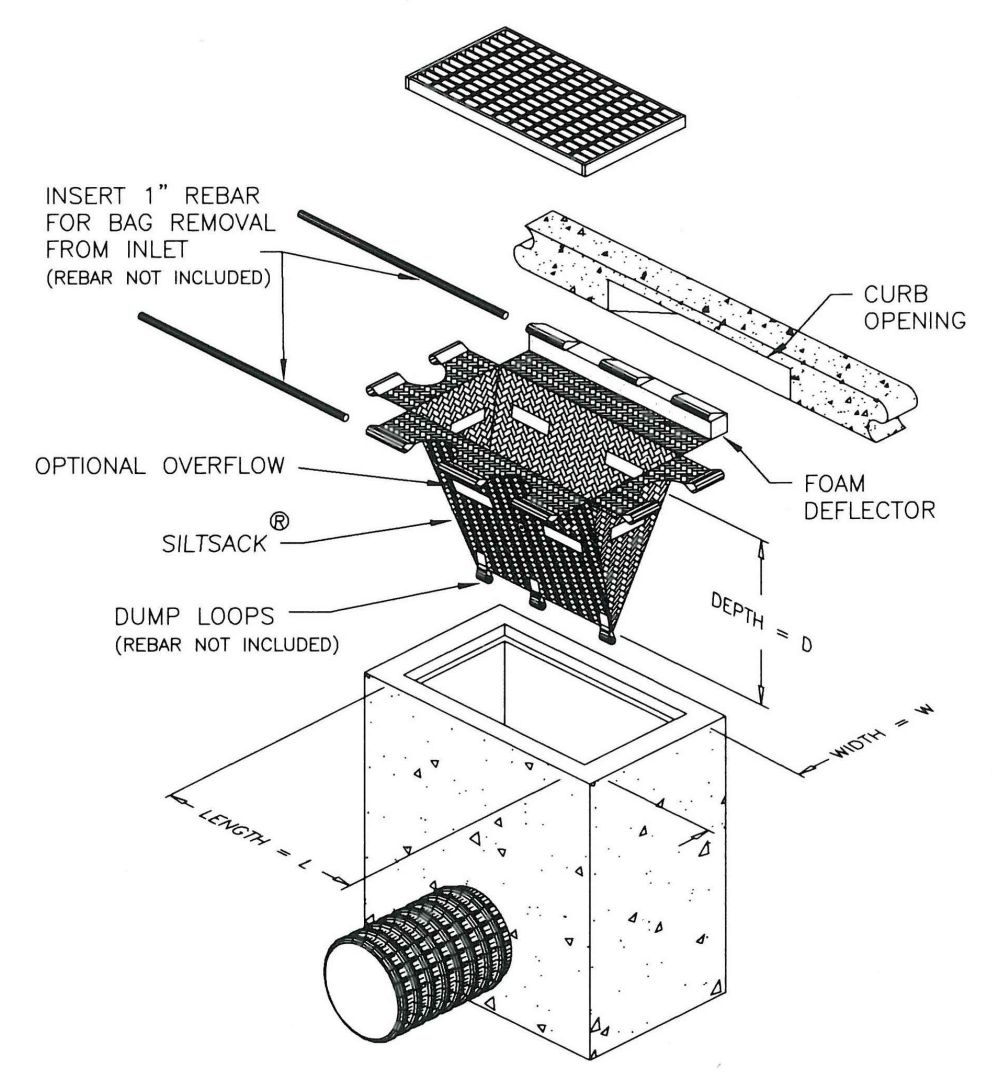
PROJECT NO.	3266	DRWG NO.	3266-DET2
DATE:	FEB. 2020	SCALE:	NTS
DRAWN:	NDK/BWB	CHECKED:	APPROVED:

SBA Skelton Brumwell
& Associates Inc.

ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS

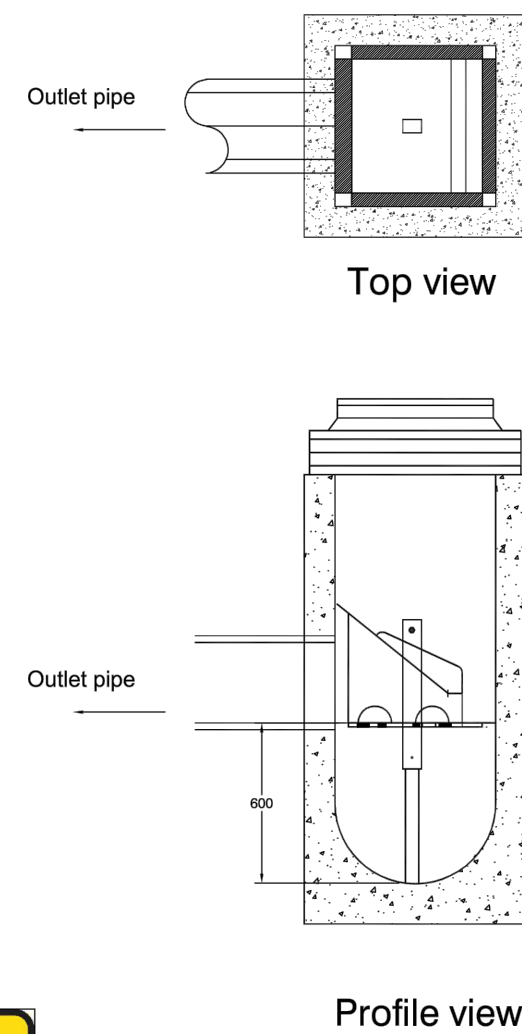
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BARRIE, ONTARIO L4M 5G1
www.skeltonbrumwell.ca
TELEPHONE (705) 726-1141
FAX (705) 726-0311
TOLL FREE (877) 726-1141

Typical Siltsack® Construction - Type A



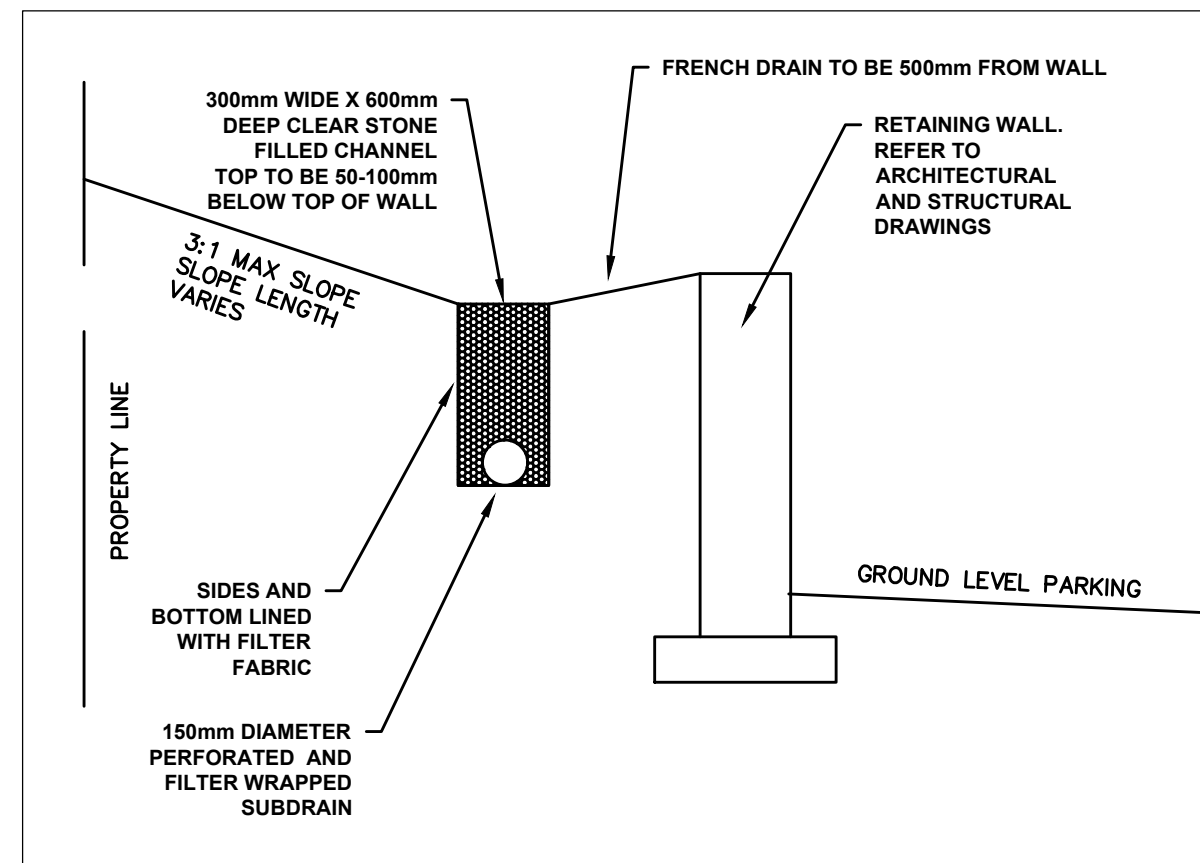
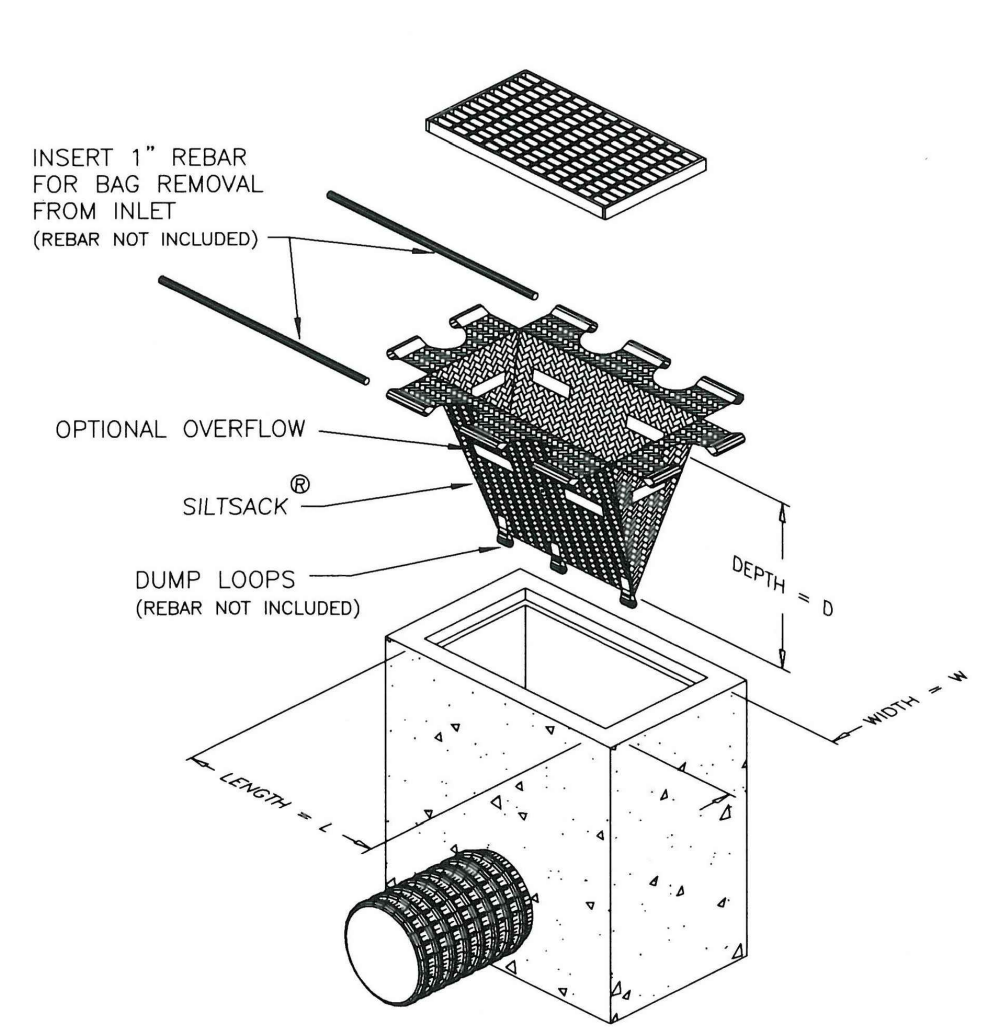
Notes

1. CB Shield can be installed at any time. In a non frozen condition.
2. The frame and cover **MUST BE** well aligned with the catchbasin for proper installation.
3. The catchbasin sump must be clean before installation
4. The grate should be at the same level as the standing water in the sump.

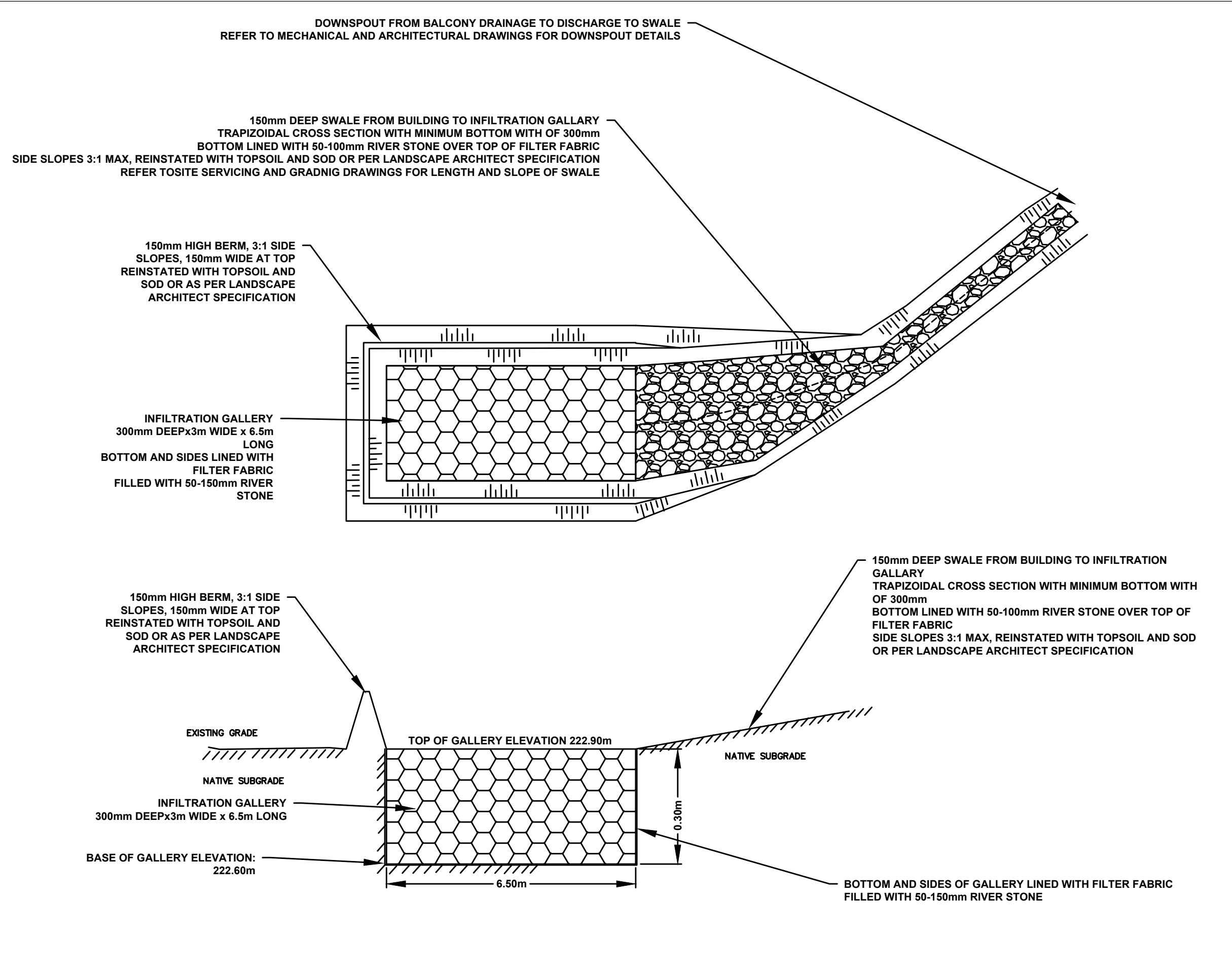


CB Shield (600mm Sump)

Typical Siltsack® Construction - Type B



FRENCH DRAIN SCHEMATIC DETAIL
SCALE 1:25 HORIZONTAL & VERTICAL



INFILTRATION GALLERY SCHEMATIC DETAIL
SCALE 1:100 HORIZONTAL, 1:10 VERTICAL



KEY MAP
N.T.S.
LEGEND

SCHEDULE OF REVISIONS			
NO.	DATE	DESCRIPTION	CHECKED
1.	2020 02 07	SITE PLAN APPLICATION	BWB



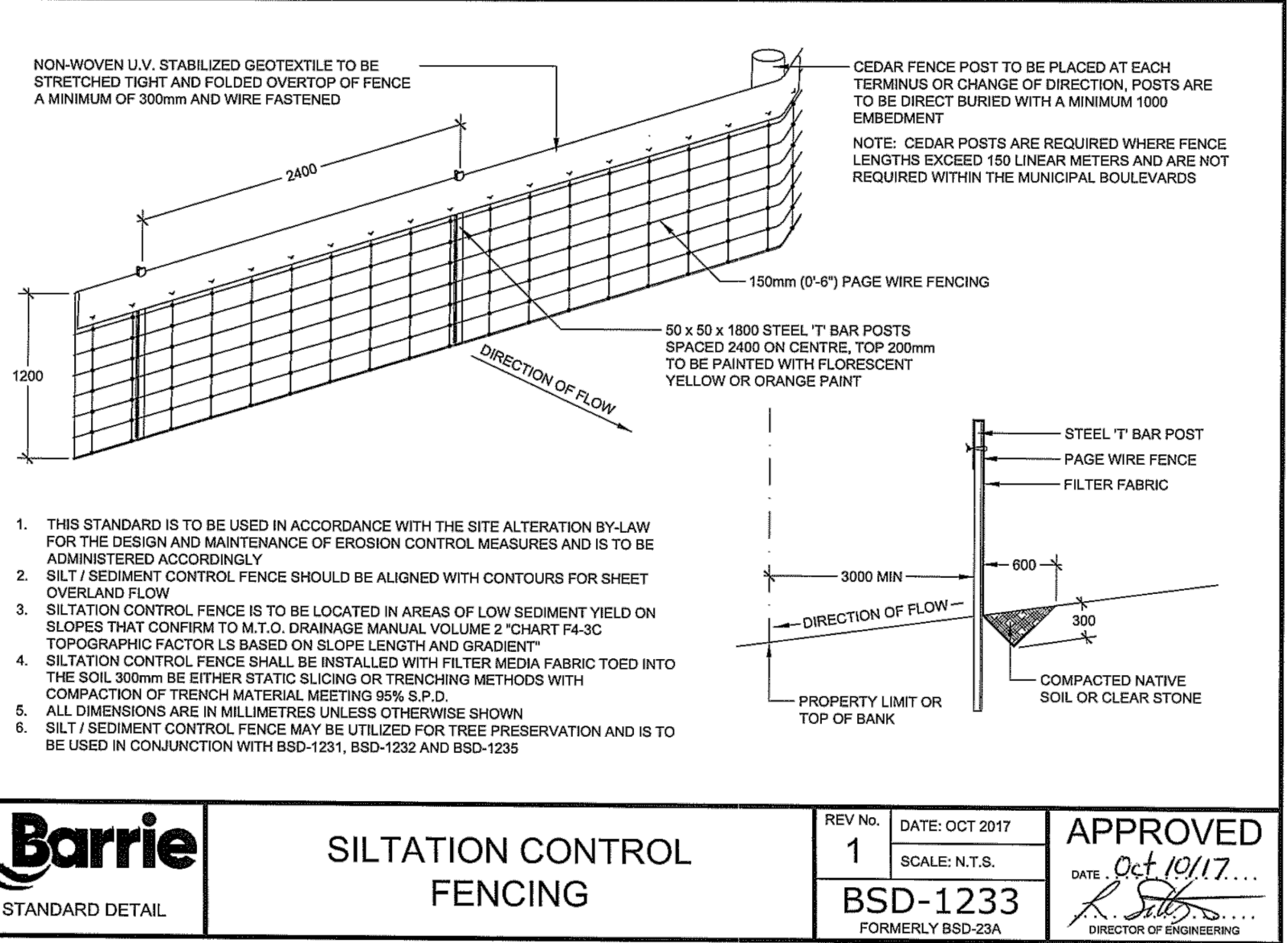
CHAYELL HOSPITALITY GROUP
220 BRADFORD STREET
CITY OF BARRIE

DETAILS

PROJECT NO.	3266	DRWG NO.	3266-DET4
DATE:	FEB. 2020	SCALE:	NTS
DRAWN:	NDK/BWB	CHECKED:	APPROVED:

SBA Skelton Brumwell & Associates Inc.
ENGINEERING PLANNING ENVIRONMENTAL CONSULTANTS

93 BELL FARM ROAD, SUITE 107
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TELEPHONE (705) 726-1141
FAX (705) 726-0331
TOLL FREE (877) 726-1141



SILTING CONTROL FENCING

REV NO.	DATE	APPROVED
1	OCT 2017	DATE: Oct 10/17...
BSD-1233	SCALE: N.T.S.	DIRECTOR OF ENGINEERING
FORMERLY BSD-23A		

