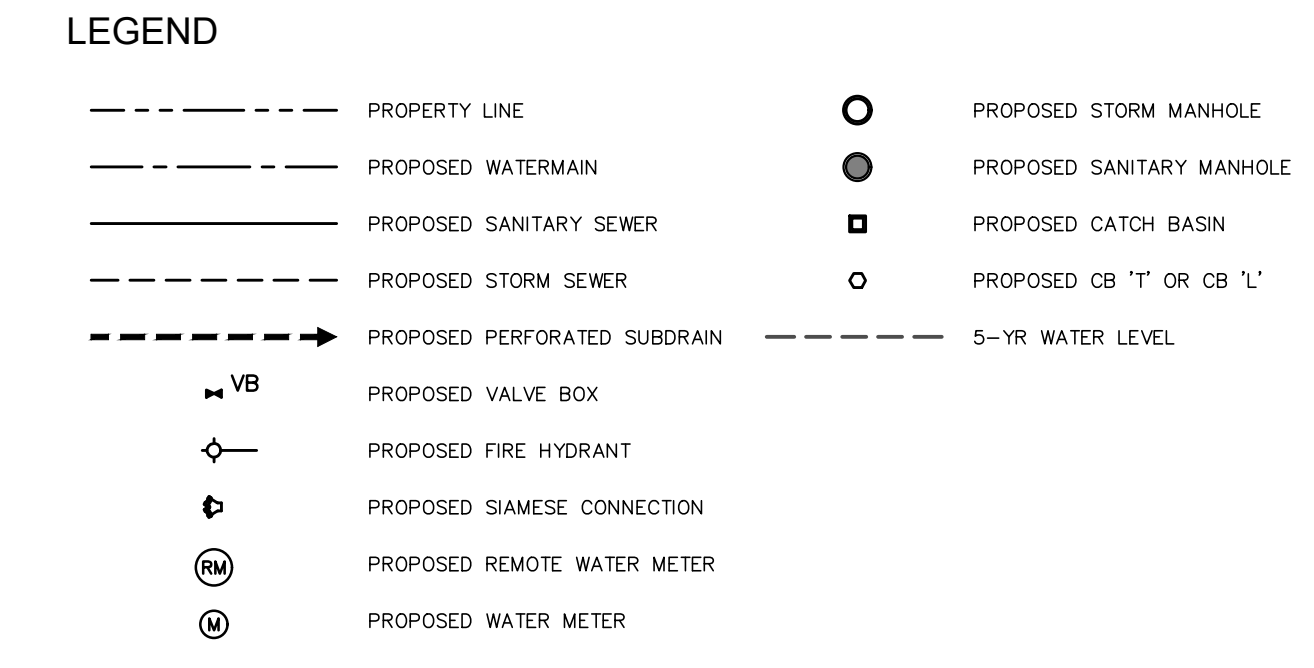
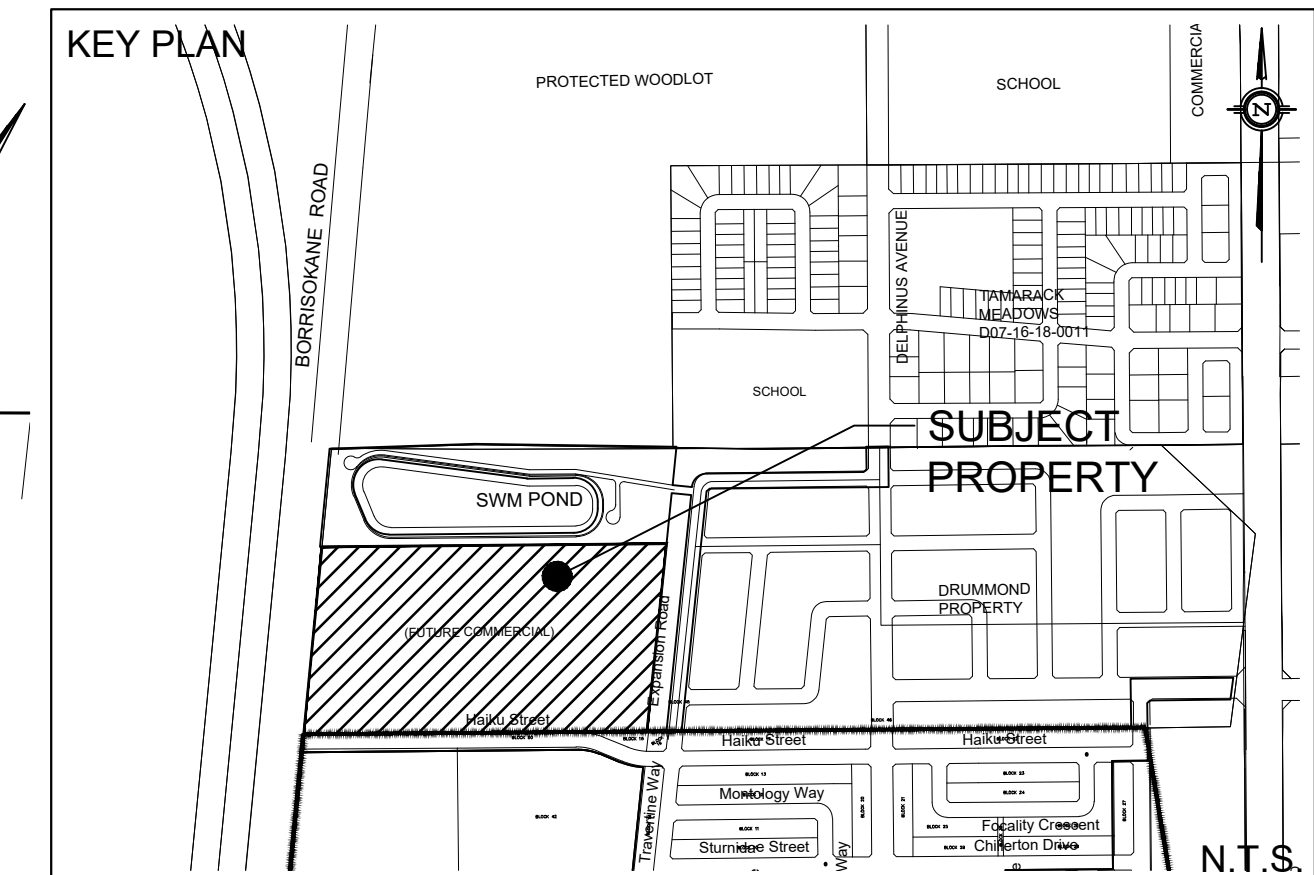


REFER TO SWM POND BLOCK DESIGN BY CAIVAN COMMUNITIES (D07-16-19-0005)

REFER TO DS 1



EXISTING UNDERGROUND SERVICES AND UTILITY LOCATIONS DERIVED FROM THE BEST AVAILABLE DATA, AS-CONSTRUCTED DRAWINGS, UTILITY DRAWINGS AND INFRASTRUCTURE MAPPING PROVIDED BY THE CITY OF OTTAWA.

CONTRACTOR TO CONFIRM ELEVATIONS AND LOCATIONS OF EXISTING UNDERGROUND SERVICES AND UTILITIES WITHIN THE RIGHT OF WAY PRIOR TO INSTALLATION OF SITE SERVICING INFRASTRUCTURE.

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT THE FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY J.D. BARNES LIMITED
PROJ. NO. 18-10-145-00
DATED JULY 10, 2019

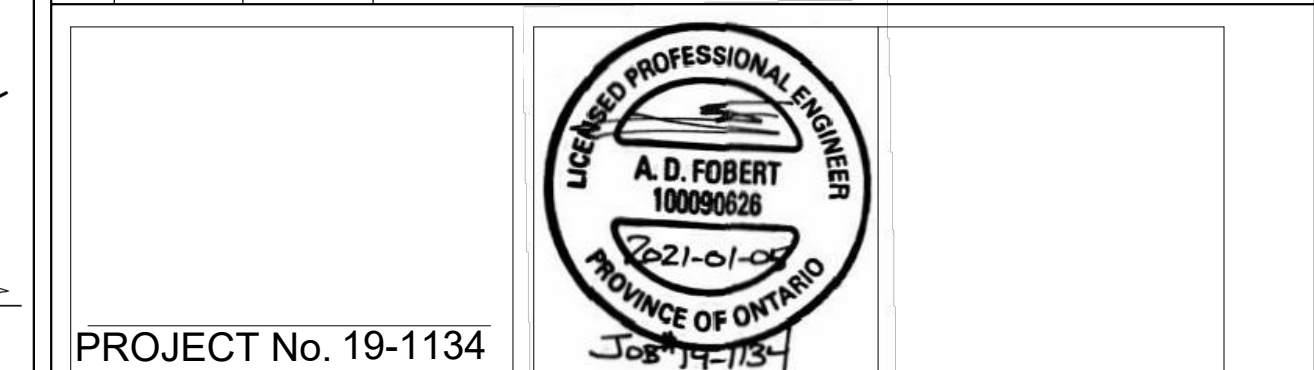
SITE PLAN INFORMATION
SITE PLAN PROVIDED BY FIGURR COLLECTIF D'ARCHITECTES
PROJ. NO. 18-1134
DATED DECEMBER 2020

GEOTECHNICAL STUDY
GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP
PROJ. NO. PG5155-1
DATED FEBRUARY 10, 2020

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 19-1134
DATED DECEMBER 2020

BENCH MARK
LOCATION: CONCRETE ROAD BRIDGE OVER JOCK RIVER (N45°15'39", W75°44'06")
ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE MUNICIPALITY BENCHMARK NO. 001196403710 HAVING A PUBLISHED ELEVATION OF 91.724 METERS

No.	A.D.F.	DATE	REVISION PER CITY COMMENTS
15	A.D.F.	21.01.05	REVISED PER CITY COMMENTS
14	A.J.G.	20.12.17	ISSUED FOR MUNICIPAL REVIEW
13	A.J.G.	20.12.16	ISSUED FOR CONTRACTOR COORDINATION
12	A.J.G.	20.11.19	ISSUED FOR CONTRACTOR COORDINATION
11	A.J.G.	20.11.10	ISSUED FOR CONTRACTOR COORDINATION
10	A.J.G.	20.10.07	ISSUED FOR TENDER
9	A.J.G.	20.09.24	ISSUED FOR MUNICIPAL REVIEW
8	A.J.G.	20.09.21	ISSUED FOR MUNICIPAL REVIEW
7	A.J.G.	20.07.17	ISSUED FOR MUNICIPAL REVIEW
6	A.J.G.	20.07.09	ISSUED FOR MUNICIPAL REVIEW
5	A.J.G.	20.06.24	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION



PROJECT No. 19-1134

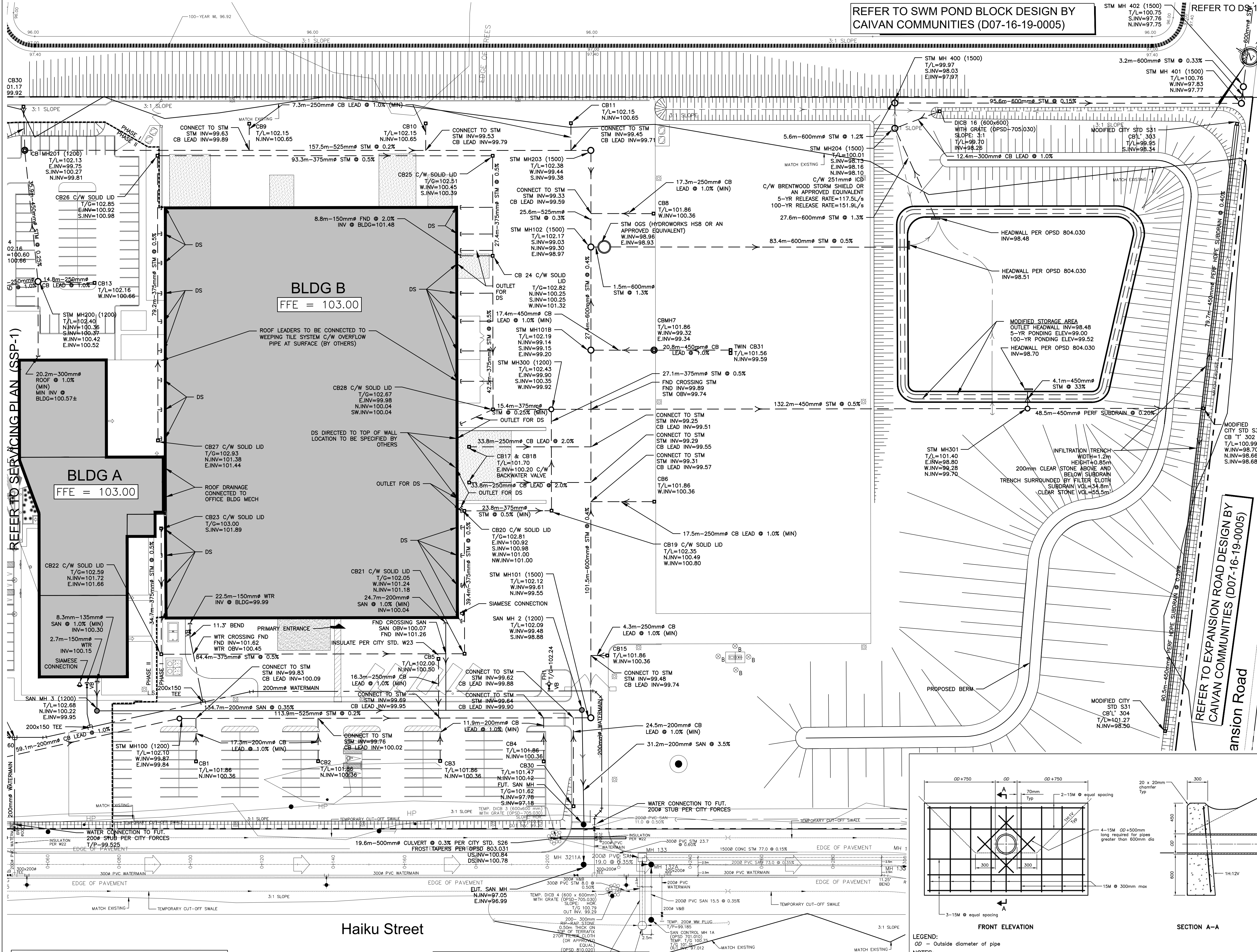
SITE SERVICING PLAN
3713 BORRISOKANE ROAD

CAIVAN GREENBANK NORTH INC. 2934 Baseline Road, Suite 302
Ottawa, Ontario, K2H 1B2
Tel. (613) 518-1864

DSEL
david schaeffer engineering ltd
SMART SUBDIVISIONS™

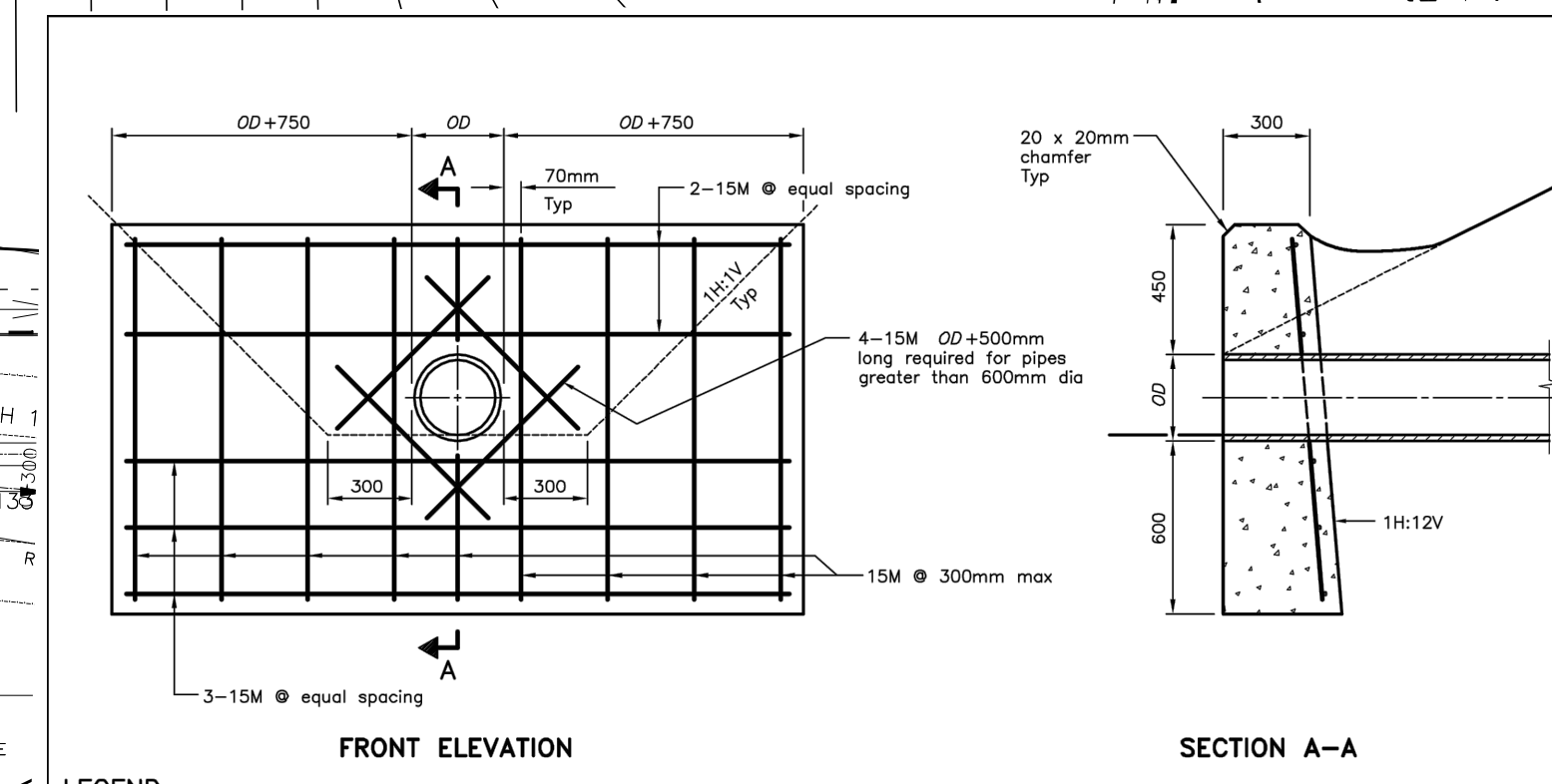
120 Ibor Road Unit 103
Stittsville, Ontario, K2S 1E9
Tel. (613) 836-0856
Fax. (613) 836-7183
www.DSEL.ca

DRAWN BY: A.J.G. CHECKED BY: A.D.F. DRAWING NO. SHEET NO.
DESIGNED BY: B.N.C. CHECKED BY: S.J.P.
SCALE: 1:500 DATE: JANUARY 2021 OPSD-2 5 of 7



NOTE 1:
DS=DOWNPOUTS
LOCATION OF DS PER STEELWAY
BUILDING SYSTEMS DETAIL (75689-C1)

REFER TO HAIKU STREET DESIGN BY CAIVAN COMMUNITIES (D07-16-19-0005)



LEGEND:
OD - Outside diameter of pipe

NOTES:
A This OPSD to be read in conjunction with OPSD 3940.150.
B If a steel grate is required, refer to OPSD 804.05.
C Class of concrete: 30MPa.
D Cover to reinforcing bars: 70mm ± 20mm.
E All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING
CONCRETE HEADWALL
FOR PIPE LESS THAN 900mm DIAMETER
Nov 2017 Rev 2
OPSD 804.030