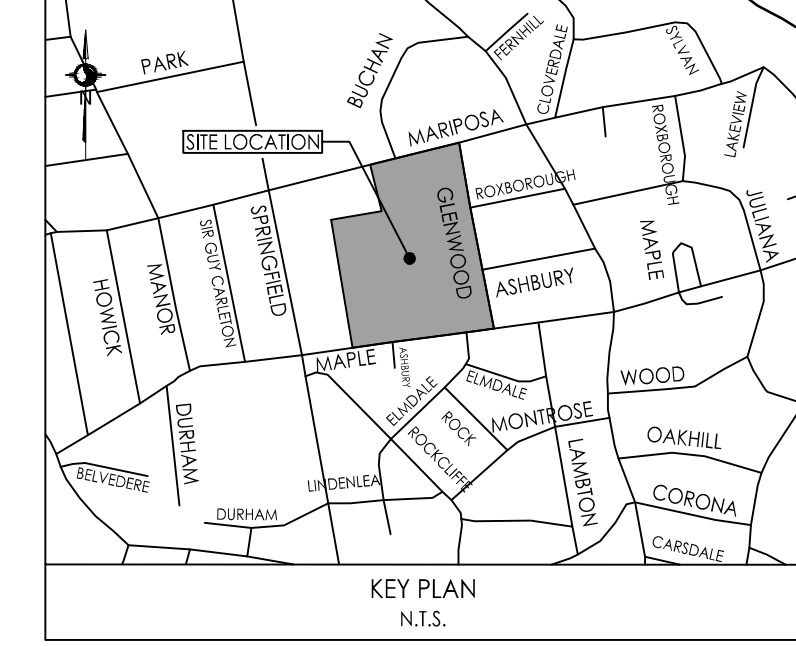
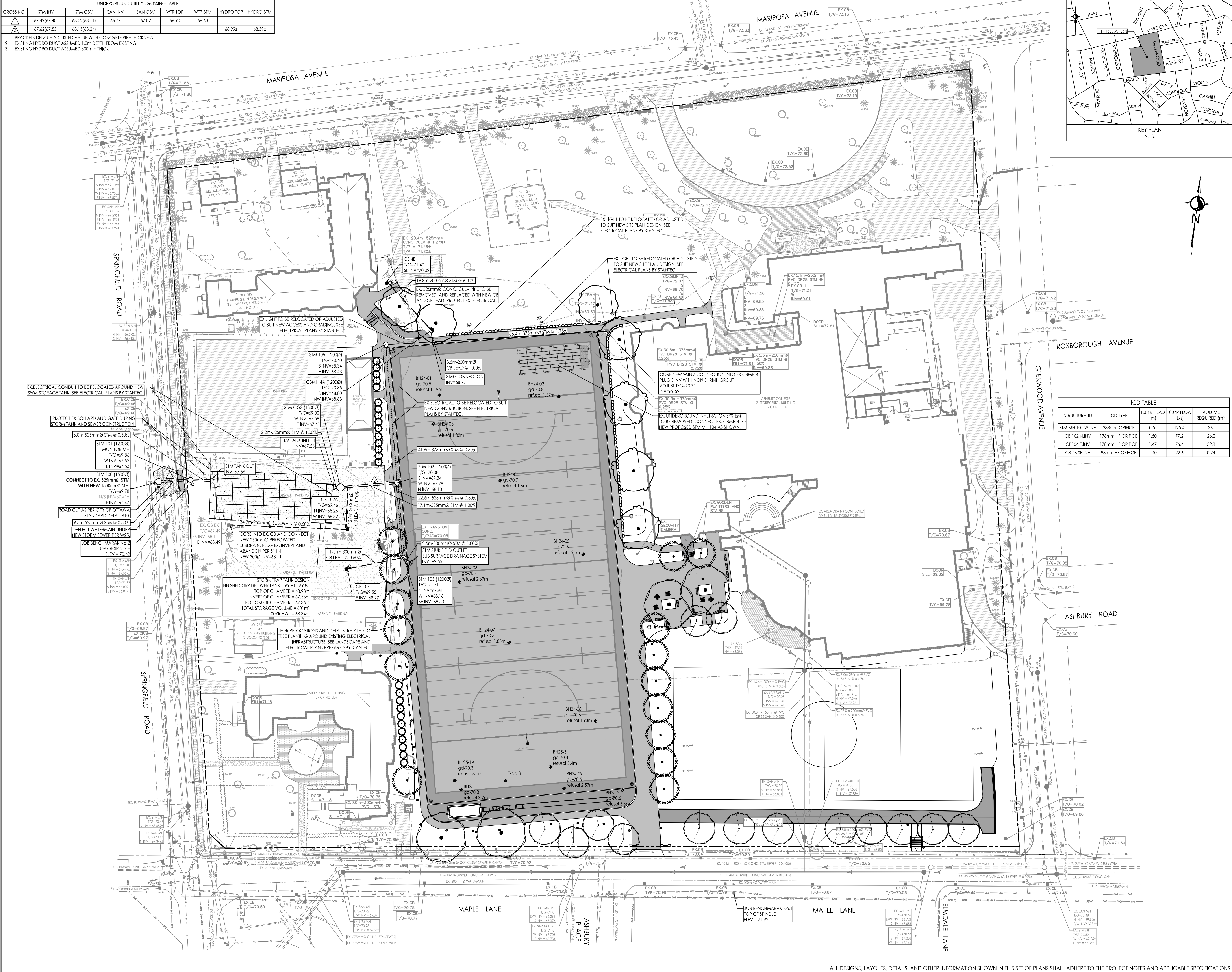


UNDERGROUND UTILITY CROSSING TABLE							
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	HYDRO TOP
1	67.49(67.40)	68.02(68.11)	66.77	67.02	66.90	66.60	68.99±
2	67.62(67.53)	68.15(68.24)					68.39±

1. BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS
2. EXISTING HYDRO DUCT ASSUMED 1.0m DEPTH FROM EXISTING
3. EXISTING HYDRO DUCT ASSUMED 600mm THICK



Stantec

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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED W3 CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CB T AND SUBDRAIN
- PROPOSED NYLOPLAST ADS DRAINS
- SEE DWG L302 FOR DETAILS
- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING REDUCER
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER AND MH
- EXISTING STORM SEWER AND MH
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED BARRIER CURB
- THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m PER W22, INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m PER S33.
- ROAD CUT RE-ESTABLISHMENT PER CITY STD R10

Notes

DEVELOPER/OWNER: ASHBURY COLLEGE
MUNICIPAL ADDRESS:
362 MARIPOSA AVENUE, OTTAWA, ON K1M 0T3
LEGAL DESCRIPTION OF PROPERTY:
BLOCK A REGISTERED PLAN 251 &
PART OF BLOCK 10 REGISTERED PLAN 92, CITY OF OTTAWA
N 74° 08' 30" E, N 80° 44' 30" E
N 81° 15' 00" E, N 12° 23' 30" W
N 12° 18' 40" W, N 12° 27' 00" W

PIN: 04224-0234
SITE AREA = 5.3 HECTARES

BOUNDARY INFORMATION COMPILED FROM EXISTING RECORDS AND FIELD SURVEY

BEARINGS ARE GRID, DERIVED FROM CAN-NET 2016 REAL TIME NETWORK GPS OBSERVATIONS AND ARE REFERENCED TO SPECIFIED CONTROL POINTS 01919680105 AND 01919843461.
MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 (ORIGINAL).

ICD TABLE				
STRUCTURE ID	ICD TYPE	100YR HEAD (m)	100YR FLOW (L/s)	VOLUME REQUIRED (m³)
STM MH 101 W INV	288mm ORIFICE	0.51	125.4	361
CB 102 N INV	178mm HF ORIFICE	1.50	77.2	26.2
CB104 E INV	178mm HF ORIFICE	1.47	76.4	32.8
CB 48 SE INV	98mm HF ORIFICE	1.40	22.6	0.74

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Revision				
File Name:	MJS	AG	MJS	26.09.09
116501019.DWG	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal				
File Name:	MJS	AG	MJS	26.09.09
116501019.DWG	Dwn.	Chkd.	Dgn.	YY.MM.DD

Client/Project
ASHBURY COLLEGE

ASHBURY COLLEGE
SYNTHETIC TURF FIELD
OTTAWA, ON

Title
SITE UTILITIES PLAN

Project No. 116501019	Scale 1:500	Sheet 1	Revision 1
Drawing No.	Sheet	Revision	