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Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- PROPOSED STORM DRAINAGE BOUNDARY
- EXISTING STORM DRAINAGE BOUNDARY
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED SUB DRAIN AND SUBDRAIN CATCH BASIN AS PER CITY OF OTTAWA STANDARD DETAIL DRAWINGS S29. PIPE TO BE HOPE PREPARED SMOOTH INNER WALL c/w FILTER SOCK
- PROPOSED AREA DRAINS TO BE CONNECTED TO INTERNAL PLUMBING OUTLETTING INTO CISTERN. (REFER TO ARCHITECTURAL AND MECHANICAL PLAN FOR DETAILS)
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- EXISTING SUBDRAIN AND LANDSCAPE CATCHBASIN
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.

Notes

SCHEDULE OF INLET CONTROL DEVICES				
AREA ID	STRUCTURE ID	TYPE	100% HEAD (m)	100% RELEASE RATE (L/S)
F101	STM110	108mm VERTICAL SLIDING ORIFICE	2.05	32.8
*104	STM104	250mm VERTICAL SLIDING ORIFICE	3.28	232.9
F100	TANK	150mm VERTICAL SLIDING ORIFICE	2.51	74.5
*101A	STM101	380mm VERTICAL SLIDING ORIFICE	3.55	534.6

\* ICDS THAT REQUIRE REPLACEMENT

- PROPOSED AREA DRAINS TO BE CONNECTED TO INTERNAL PLUMBING OUTLETTING INTO CISTERN. (REFER TO ARCHITECTURAL AND MECHANICAL PLAN FOR DETAILS)

Revision	By	Appd.	YY.MM.DD
2	REVISÉ AS PER CITY COMMENTS	MJS	DT 20.10.07
1	REVISÉ AS PER CITY COMMENTS	MJS	DT 20.05.15
0	ISSUED TO CITY FOR SPA	MJS	DT 20.01.09

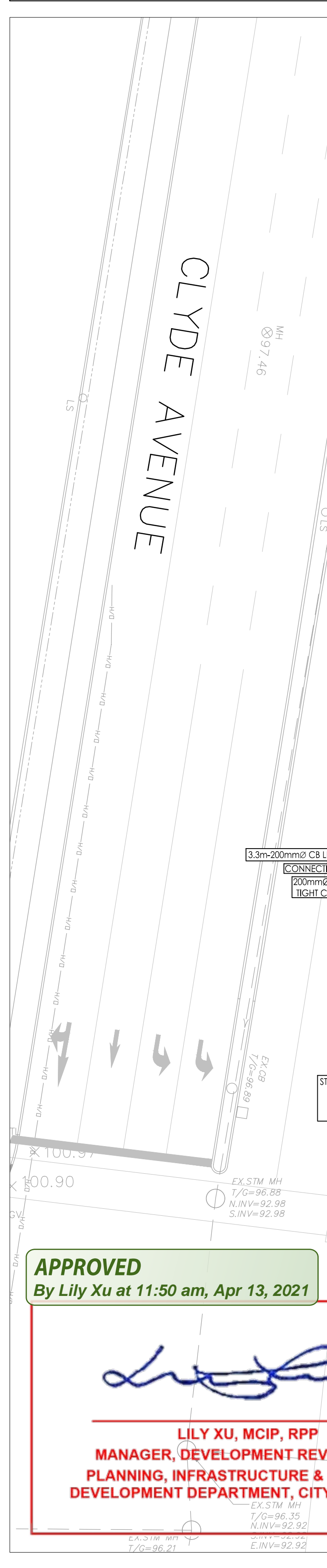
File Name:	MJS	KS	MJS	19.09.23
160401510-D8	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

Client/Project  
SELECTION GROUP INTERNATIONAL INC.  
2400 BOUL. DANIEL JOHNSON  
LAVAL, QUEBEC  
H7T 3A4  
1357 BASELINE ROAD  
OTTAWA, ON, CANADA

Title  
STORM DRAINAGE PLAN

Project No.	Scale	
160401510	0 2.5 7.5 12.5m 1:250	
Drawing No.	Sheet	Revision
SD-1	6 of 8	2



UNDERGROUND PARKING  
STRUCTURE DETAILS  
P1=96.465  
P2=93.715  
P3=90.965  
USF=

**APPROVED**  
By Lily Xu at 11:50 am, Apr 13, 2021

**LILY XU, MCIP, RPP**  
MANAGER, DEVELOPMENT REVIEW SOUTH  
PLANNING, INFRASTRUCTURE & ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

V:\160401510\160401510-01.dwg 2021/04/13 11:50 AM PLOT DATE