

APPROVED
By Kersten Nitsche at 2:26 pm, Feb 12, 2025

KERSTEN NITSCHKE, MCIP RPP
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

AREA ID	ZURN SPECIFICATION	NOTCHES	ROOF DRAIN TABLE					
			POST DEVELOPMENT ZURN ROOF DRAIN CONTROL PARAMETERS					
			12 - YEAR EVENT			1:100 - YEAR EVENT		
ROOF DRAINS			HEAD(m)	Q(l/s)	VOL(m ³)	HEAD(m)	Q(l/s)	VOL(m ³)
RD1	ZCF121-1W-X2-2-105-10-77	4	0.068	3.06	1.15	0.111	4.95	4.84
RD2	ZCF121-1W-X2-2-105-10-77	4	0.068	3.06	1.15	0.111	4.95	4.84
RD3	ZCF121-1W-X2-2-105-10-77	4	0.068	3.06	1.15	0.111	4.95	4.84
ROOF SUBTOTAL				9.19	3.45		14.86	14.51

WATERMAIN TABLE - LYNWOOD RETAIL PLAZA				DESCRIPTION
STATION	SURFACE ELEVATION	TOP OF WM ELEVATION	150mmØ WATER SERVICE (MIN COVER = 2.4m)	
0+000	87.55	85.154	*	CONNECTION TO EXISTING 200mmØ WATERMAIN
0+001.5	87.63	85.46		CROSSING OVER EXISTING 375mmØ SAN SEWER PROVIDE 0.2m CLEARANCE AS PER W25.2 EX SAN INV. @ CROSSING = 84.684 EX SAN OBV. @ CROSSING = 85.062
0+002.6	87.71	85.31		VALVE & VALVE BOX
0+008.7	87.74	85.34		45° BEND
0+011.7	87.75	85.35		45° BEND
0+020	88.22	85.82		
0+025.1	88.40	86.00		WM CAP 1.0m OFF BUILDING FACE

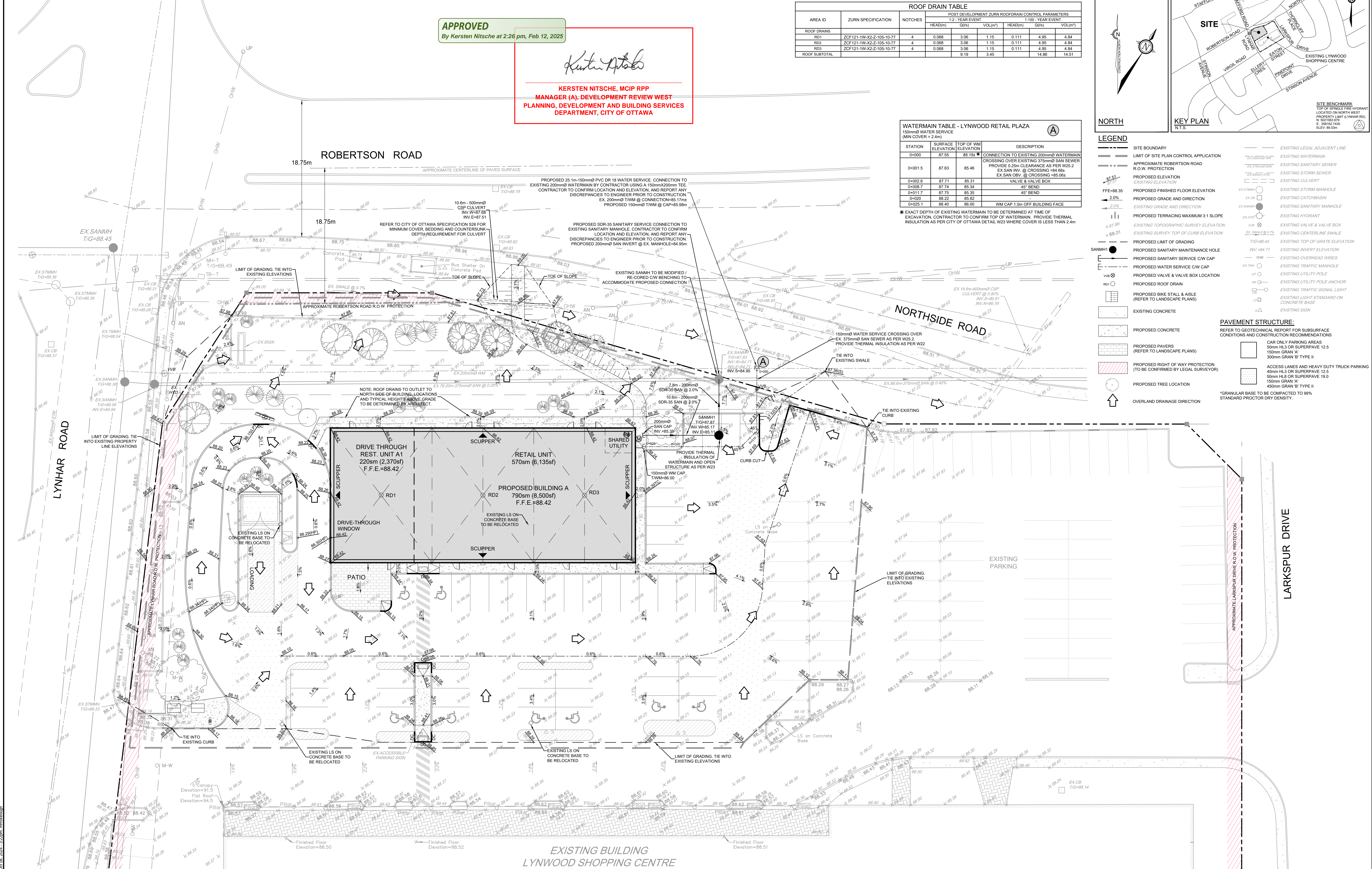
* EXACT DEPTH OF EXISTING WATERMAIN TO BE DETERMINED AT TIME OF EXCAVATION. CONTRACTOR TO CONFIRM TOP OF WATERMAIN. PROVIDE THERMAL INSULATION AS PER CITY OF OTTAWA DETAIL W23 WHERE COVER IS LESS THAN 2.4m

NORTH

LEGEND

- SITE BOUNDARY
- LIMIT OF SITE PLAN CONTROL APPLICATION
- APPROXIMATE ROBERTSON ROAD R.O.W. PROTECTION
- PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED FINISHED FLOOR ELEVATION
- PROPOSED GRADE AND DIRECTION
- EXISTING GRADE AND DIRECTION
- PROPOSED TERRACING MAXIMUM 3:1 SLOPE
- EXISTING TOPOGRAPHIC SURVEY ELEVATION
- EXISTING SURVEY TOP OF CURB ELEVATION
- PROPOSED LIMIT OF GRADING
- PROPOSED SANITARY MAINTENANCE HOLE
- PROPOSED SANITARY SERVICE C/W CAP
- PROPOSED WATER SERVICE C/W CAP
- PROPOSED VALVE & VALVE BOX LOCATION
- PROPOSED ROOF DRAIN
- PROPOSED BIKE STALL & AISLE (REFER TO LANDSCAPE PLANS)
- EXISTING CONCRETE
- PROPOSED CONCRETE
- PROPOSED PAVERS (REFER TO LANDSCAPE PLANS)
- PROPOSED RIGHT OF WAY PROTECTION (TO BE CONFIRMED BY LEGAL SURVEYOR)
- PROPOSED TREE LOCATION
- OVERLAND DRAINAGE DIRECTION

- EXISTING LEGAL ADJACENT LINE
 - EXISTING WATERMAIN
 - EXISTING SANITARY SEWER
 - EXISTING STORM SEWER
 - EXISTING CULVERT
 - EXISTING STORM MANHOLE
 - EXISTING CATCHBASIN
 - EXISTING SANITARY MANHOLE
 - EXISTING HYDRANT
 - EXISTING VALVE & VALVE BOX
 - EXISTING CENTERLINE SWALE
 - EXISTING TOP OF GRADE ELEVATION
 - EXISTING INVERT ELEVATION
 - EXISTING OVERHEAD WIRES
 - EXISTING TRAFFIC MANHOLE
 - EXISTING UTILITY POLE
 - EXISTING UTILITY POLE ANCHOR
 - EXISTING TRAFFIC SIGNAL LIGHT
 - EXISTING LIGHT STANDARD ON CONCRETE BASE
 - EXISTING SIGN
- PAVEMENT STRUCTURE:**
REFER TO GEOTECHNICAL REPORT FOR SUBSURFACE CONDITIONS AND CONSTRUCTION RECOMMENDATIONS
- CAR ONLY PARKING AREAS
50mm HLB OR SUPERPAVE 12.5
150mm GRAN A
300mm GRAN B TYPE II
 - ACCESS LANES AND HEAVY DUTY TRUCK PARKING
40mm HLB OR SUPERPAVE 12.5
50mm HLB OR SUPERPAVE 19.0
150mm GRAN A
450mm GRAN B TYPE II
- * GRANULAR BASE TO BE COMPACTED TO 99% STANDARD PROCTOR DRY DENSITY.



REFER TO 106134-ND FOR ADDITIONAL NOTES AND DETAILS

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PRELIMINARY
NOT FOR
CONSTRUCTION

No.	REVISION	DATE	BY	No.	REVISION	DATE	BY
12.	REVISED AS PER CITY OF OTTAWA COMMENTS	NOV 6/24	SAZ	4.	ISSUED FOR COORDINATION	MARCH 5/24	SAZ
11.	REVISED AS PER CITY OF OTTAWA COMMENTS	JUL 19/24	SAZ	7.	ISSUED FOR COORDINATION	JAN 25/24	SAZ
10.	ISSUED FOR COORDINATION	JUL 19/24	SAZ	6.	REVISED AS PER CITY OF OTTAWA COMMENTS	NOV 17/23	SAZ
9.	REVISED AS PER CITY OF OTTAWA COMMENTS	APR 19/24	SAZ	5.	ISSUED FOR COORDINATION	OCT 25/23	SAZ
				3.	REVISED SITE PLAN	OCT 16/23	SAZ
				2.	ISSUED WITH SITE PLAN APPLICATION	MAR 3/23	SAZ
				1.	ISSUED FOR COORDINATION	FEB 24/23	SAZ

SCALE
1:200
0 2 4 6 8

DESIGN
SAZ
CHECKED
MSP
DRAWN
MTM
CHECKED
SAZ
APPROVED
MSP

FOR REVIEW ONLY



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CITY OF OTTAWA
1826 ROBERTSON ROAD
LYNWOOD RETAIL PLAZA

DRAWING NAME
GRADING & SERVICING PLAN

PROJECT No.
106134-00
REV # 12
DRAWING No.
106134-GS
#19127