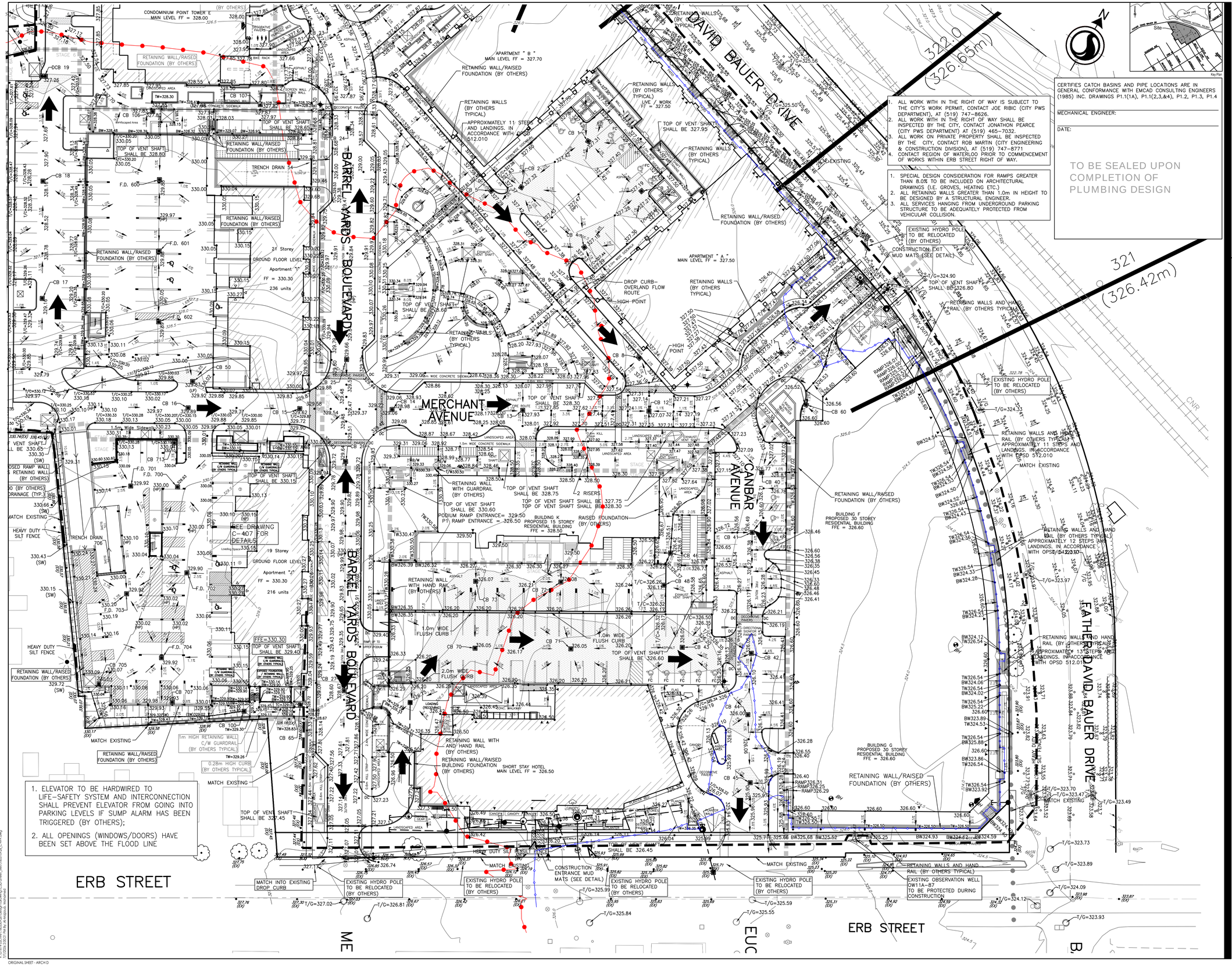


1. ELEVATOR TO BE HARDWIRED TO LIFE–SAFETY SYSTEM AND INTERCONNECTION SHALL PREVENT ELEVATOR FROM GOING INTO PARKING LEVELS IF SUMP ALARM HAS BEEN TRIGGERED (BY OTHERS);
2. ALL OPENINGS (WINDOWS/DOORS) HAVE BEEN SET ABOVE THE FLOOD LINE

1. ALL WORK WITH IN THE RIGHT OF WAY IS SUBJECT TO THE CITY'S WORK PERMIT, CONTACT JOE RIBIC (CITY PWS DEPARTMENT), AT (519) 747–8626.
2. ALL WORK WITH IN THE RIGHT OF WAY SHALL BE INSPECTED BY THE CITY, CONTACT JONATHON PEARCE (CITY PWS DEPARTMENT) AT (519) 465–7032.
3. ALL WORK ON PRIVATE PROPERTY SHALL BE INSPECTED BY THE CITY, CONTACT ROB MARTIN (CITY ENGINEERING & CONSTRUCTION DIVISION), AT (519) 747–8771
4. CONTACT REGION OF WATERLOO PRIOR TO COMMENCEMENT OF WORKS WITHIN ERB STREET RIGHT OF WAY.

1. SPECIAL DESIGN CONSIDERATION FOR RAMPS GREATER THAN 8.0% TO BE INCLUDED ON ARCHITECTURAL DRAWINGS (I.E. GROVES, HEATING ETC.)
2. ALL RETAINING WALLS GREATER THAN 1.0m IN HEIGHT TO BE DESIGNED BY A STRUCTURAL ENGINEER.
3. ALL SERVICES HANGING FROM UNDERGROUND PARKING STRUCTURE TO BE ADEQUATELY PROTECTED FROM VEHICULAR COLLISION.

CERTIFIES CATCH BASINS AND PIPE LOCATIONS ARE IN GENERAL CONFORMANCE WITH EMCAD CONSULTING ENGINEERS (1985) INC. DRAWINGS P1.1(1A), P1.1(2,3,&4), P1.2, P1.3, P1.4

MECHANICAL ENGINEER:

DATE:

TO BE SEALED UPON COMPLETION OF PLUMBING DESIGN

Stantec

Stantec Consulting Ltd.
100-300 Hagey Boulevard
Waterloo ON N2L 0A4
Tel: (519) 579-4410
www.stantec.com

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Notes

1. BENCHMARK:
   REGION OF WATERLOO BENCHMARK NUMBER WA–69: BRASS CAP SET IN SOUTH FACE OF MOST SOUTHERLY CONCRETE COLUMN ON EAST SIDE OF KING STREET NORTH, SUPPORTING BRIDGE CARRYING SOUTHBOUND LANES OF CONESTOGA PARKWAY (HIGHWAY 86) OVER KING STREET NORTH, 0.35m ABOVE GROUND LEVEL.
   ELEVATION = 335.733m
2. TOPOGRAPHICAL SURVEY BY STANTEC CONSULTING LIMITED DATED MARCH 2006.
3. THIS DRAWING TO BE READ IN CONJUNCTION WITH EXISTING CONDITIONS & REMOVALS PLAN (C–050), SITE GRADING AND EROSION CONTROL PLAN (C–101) AND SITE PLAN, LANDSCAPE AND TREE MANAGEMENT PLAN BY GSP (DATED MARCH 2010).
4. FUTURE WORKS ASSOCIATED WITH DETAILED DESIGN OF ERB STREET, UNDER REGION OF WATERLOO CONTRACT, TO BE COORDINATED WITH THIS DRAWING.

Legend

- PROPOSED RETAINING WALL
- PROPOSED STORM MANHOLE
- PROPOSED OIL/GRIT SEPARATOR
- PROPOSED STORM CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED SANITARY MANHOLE
- PROPOSED VALVE & BOX
- PROPOSED HYDRANT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- HP PROPOSED HYDRO POLE
- PROPOSED LIGHT STANDARD
- PROPOSED SIAMESE CONNECTION
- (M) PROPOSED BULK METER ROOM
- MH 26M EX. UNDERGROUND SERVICING
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE (1800mmø)
- 321(325.39m) SECTION ID (GRCA MAPPING) / REGIONAL STORM FLOOD ELEVATION
- HYDRAULIC CROSS SECTION
- EXISTING REGIONAL STORM FLOOD LINE
- HYDRAULIC FLOODWAY
- PROPOSED REGIONAL STORM FLOOD LINE
- 100 YEAR FLOOD LINE
- MUD MAT
- RECYCLED ASPHALT APRON
- TURF STONE

20	REVISED STAGES 3 & 4 SITE PLAN	SAK	AMB	26.05.28
19	REVISED STAGES 3 & 4 GRADING DESIGN	MALM	SAK	26.01.28
18	UPDATED GRADING – ISSUED FOR REVIEW	MALM	SAK	25.10.02
17	UPDATED STAGES 3 & 4 PRELIMINARY DESIGN	MALM	SAK	24.12.11
16	STAGE 7 REVISED SITE PLAN	SAK	PDF	21.12.09
15	STAGE 7 REVISED SITE PLAN	SJM	PDF	21.07.14
14	STAGE 7 UPDATE	SAK	PDF	19.06.18
13	CITY REDLINES (SEPT 22, 2011)	KDB	PDF	11.10.25
12	CITY/GRCA/RMOW COMMENTS	RJB	PDF	11.06.07
11	ISSUED FOR SITE PLAN MODIFICATION	RJB	PDF	11.05.04
Revision		By	Appd.	YY.MM.DD

File Name: 160310926_C–499	RJB	RJB	KD	2026.05.28
	Dwn.	Dsgn.	Chkd.	YYYY.MM.DD

Permit-Seal

PRELIMINARY NOT FOR CONSTRUCTION

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Client/Project

SILVER LAKE DEVELOPMENT INC.

THE BARREL YARDS
110 ERB STREET WEST

Waterloo ON

Title

MASTER SITE GRADING PLAN SOUTH

Project No.	Scale	0 4 12 20m
1603-10926	1:400	

Revision 20 Sheet of

Drawing No. **C-498**

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ORIGINAL SHEET - ARCH D