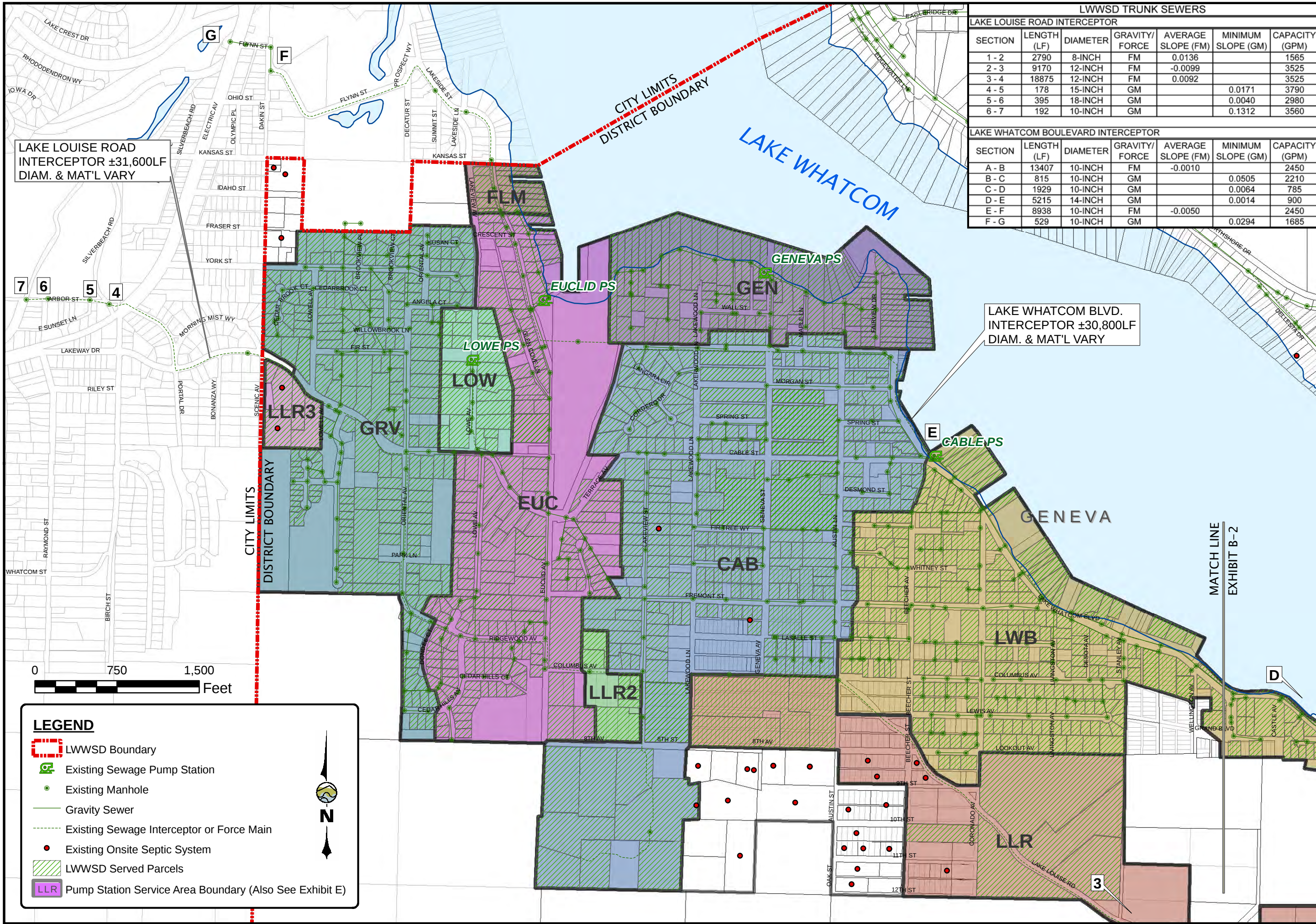

EXHIBIT B. SEWER COLLECTION SYSTEMS



LAKE LOUISE ROAD
INTERCEPTOR ±31,600LF
DIAM. & MAT'L VARY

LAKE WHATCOM BLVD.
INTERCEPTOR ±30,800LF
DIAM. & MAT'L VARY

LWWSO TRUNK SEWERS						
LAKE LOUISE ROAD INTERCEPTOR						
SECTION	LENGTH (LF)	DIAMETER	GRAVITY/ FORCE	AVERAGE SLOPE (FM)	MINIMUM SLOPE (GM)	CAPACITY (GPM)
1 - 2	2790	8-INCH	FM	0.0136		1565
2 - 3	9170	12-INCH	FM	-0.0099		3525
3 - 4	18875	12-INCH	FM	0.0092		3525
4 - 5	178	15-INCH	GM		0.0171	3790
5 - 6	395	18-INCH	GM		0.0040	2980
6 - 7	192	10-INCH	GM		0.1312	3560
LAKE WHATCOM BOULEVARD INTERCEPTOR						
SECTION	LENGTH (LF)	DIAMETER	GRAVITY/ FORCE	AVERAGE SLOPE (FM)	MINIMUM SLOPE (GM)	CAPACITY (GPM)
A - B	13407	10-INCH	FM	-0.0010		2450
B - C	815	10-INCH	GM		0.0505	2210
C - D	1929	10-INCH	GM		0.0064	785
D - E	5215	14-INCH	GM		0.0014	900
E - F	8938	10-INCH	FM	-0.0050		2450
F - G	529	10-INCH	GM		0.0294	1685

LEGEND

- LWWSO Boundary
- Existing Sewage Pump Station
- Existing Manhole
- Gravity Sewer
- Existing Sewage Interceptor or Force Main
- Existing Onsite Septic System
- LWWSO Served Parcels
- Pump Station Service Area Boundary (Also See Exhibit E)

DESIGNED BY
MMM

DRAWN BY
RDN

CHECKED BY
MMM

LAKE WHATCOM WATER & SEWER DISTRICT

EXHIBIT B-1

SUDDEN VALLEY - GENEVA

SEWER COLLECTION SYSTEM

DATE
JUNE 2013

SCALE
AS SHOWN

JOB NO.
2013-014

SHEET
1

OF
1

WILSON ENGINEERING, LLC
805 DUPONT STREET
BELLINGHAM, WA 98225
(360) 733-6100 FAX (360) 647-5061
www.wilsonengineering.com

Wilson
SURVEY/ENGINEERING

LAKE WHATCOM

LAKE WHATCOM BLVD.
INTERCEPTOR ±30,800LF
DIAM. & MAT'L VARY

MATCH LINE
EXHIBIT B-2

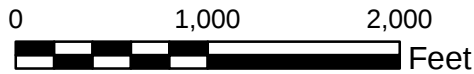
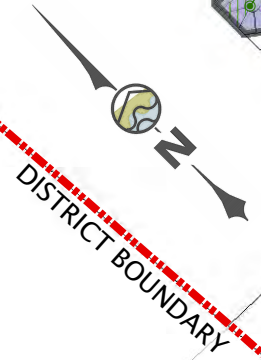
NORTH POINT
FORCE MAIN

RANCH HOUSE
FORCE MAIN

LAKE LOUISE ROAD
INTERCEPTOR ±31,600LF
DIAM. & MAT'L VARY

LEGEND

- LWWSD Boundary
- Existing Sewage Pump Station
- Siphon
- Existing Manhole
- Gravity Sewer
- Existing Sewage Interceptor or Force Main
- Existing Onsite Septic System
- Pump Station Service Area Boundary
- LWWSD Served Parcels



SEE TRUNK SEWER CHART EXHIBIT B-1
FOR ADDITIONAL INFORMATION

LWWSD TRUNK SEWERS					
NORTH POINT PUMP STATION FORCE MAIN					
SECTION	LENGTH (LF)	DIAMETER	GRAVITY/ FORCE	AVERAGE SLOPE (FM)	CAPACITY (GPM)
PS to LWBI	2500	6-INCH	FM	-0.0233	300
RANCH HOUSE PUMP STATION FORCE MAIN					
SECTION	LENGTH (LF)	DIAMETER	GRAVITY/ FORCE	AVERAGE SLOPE (FM)	CAPACITY (GPM)
RC-1 to SV-1	2800	6-INCH	FM	-0.0116	400



Wilson
SURVEY/ENGINEERING

WILSON ENGINEERING, LLC
805 DUPONT STREET
BELLINGHAM, WA 98225
(360) 733-6100 FAX (360) 647-9061
www.wilsonengineering.com

DESIGNED BY	MMM
DRAWN BY	RDN
CHECKED BY	MMM

LAKE WHATCOM WATER & SEWER DISTRICT

WASHINGTON

EXHIBIT B-3

SUDDEN VALLEY - GENEVA

SEWER COLLECTION SYSTEM

DATE	JUNE 2013	SCALE	AS SHOWN	JOB NO.	2013-014
SHEET	1	OF	1		

