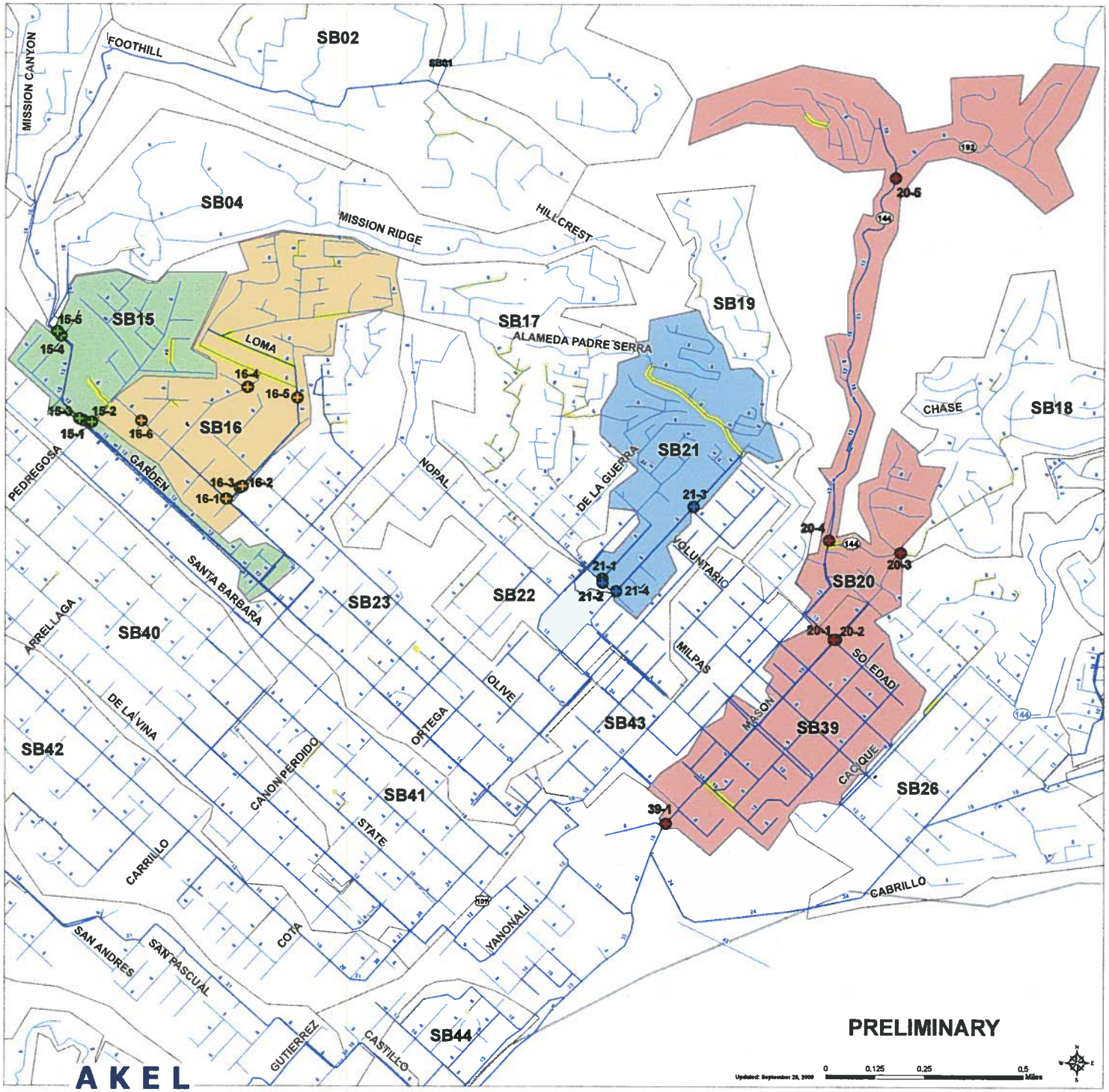


Legend

2009 Flow Monitoring Program

- Year 1
- Year 2
- Year 3
- Year 4
- Model Pipes
- Not Modeled Pipes
- Pipe Improvements (2003-2008)

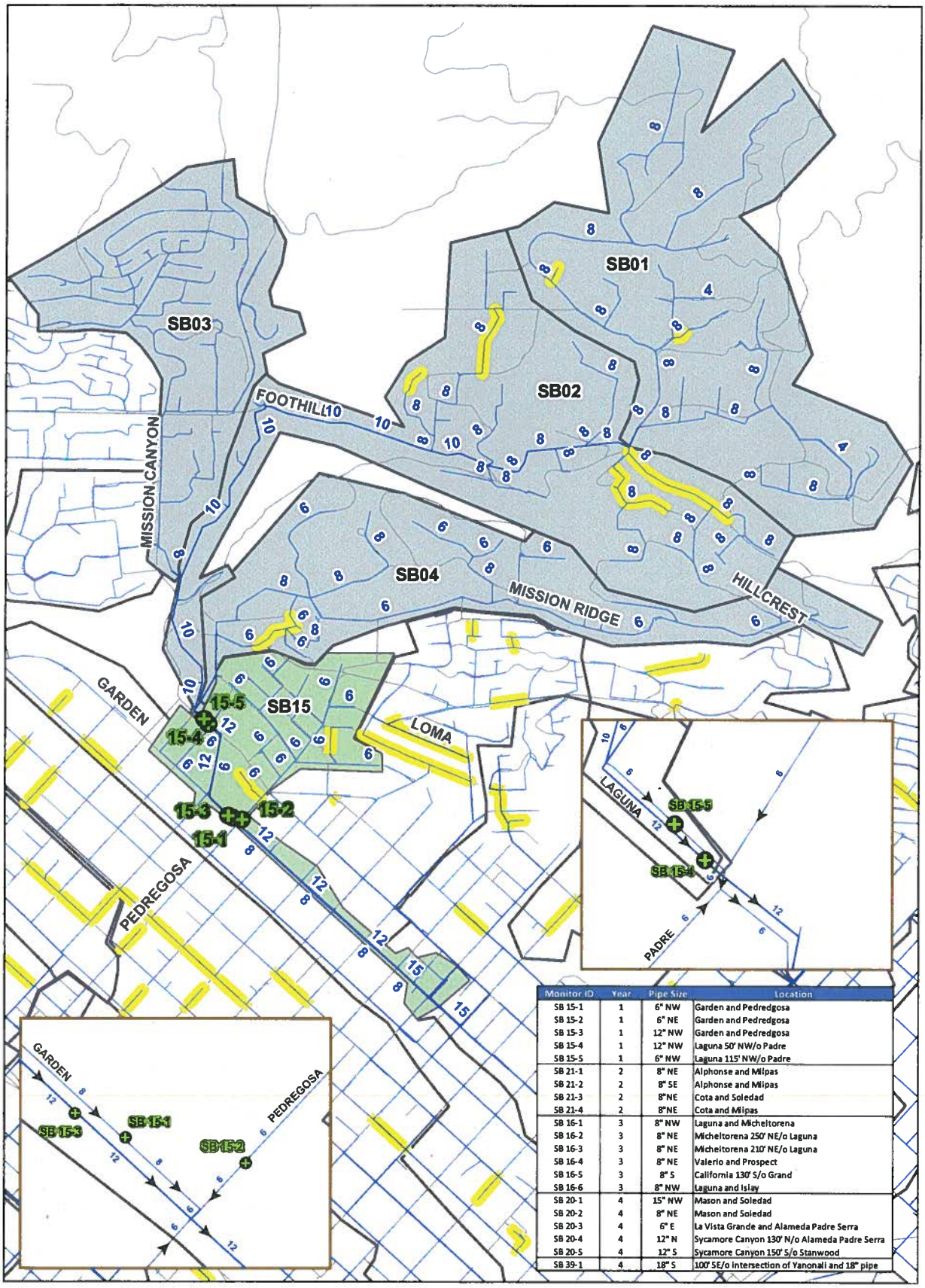
Basins

- SB 15 (Year 1)
- SB 21 (Year 2)
- SB 16 (Year 3)
- SB 20 & 39 (Year 4)
- Basin Boundaries

Monitor ID	Year	Pipe Size	Location
SB 15-1	1	6" NW	Garden and Pedredgosa
SB 15-2	1	6" NE	Garden and Pedredgosa
SB 15-3	1	12" NW	Garden and Pedredgosa
SB 15-4	1	12" NW	Laguna 50' NW/o Padre
SB 15-5	1	6" NW	Laguna 115' NW/o Padre
SB 21-1	2	8" NE	Alphonse and Milpas
SB 21-2	2	8" SE	Alphonse and Milpas
SB 21-3	2	8"NE	Cota and Soledad
SB 21-4	2	8"NE	Cota and Milpas
SB 16-1	3	8" NW	Laguna and Micheltorena
SB 16-2	3	8" NE	Micheltorena 250' NE/o Laguna
SB 16-3	3	8" NE	Micheltorena 210' NE/o Laguna
SB 16-4	3	8" NE	Valerio and Prospect
SB 16-5	3	8" S	California 130' S/o Grand
SB 16-6	3	8" NW	Laguna and Islay
SB 20-1	4	15" NW	Mason and Soledad
SB 20-2	4	8" NE	Mason and Soledad
SB 20-3	4	6" E	La Vista Grande and Alameda Padre Serra
SB 20-4	4	12" N	Sycamore Canyon 130' N/o Alameda Padre Serra
SB 20-5	4	12" S	Sycamore Canyon 150' S/o Stanwood
SB 39-1	4	18" S	100' SE/o Intersection of Yanonali and 18" pipe

Figure 1
Flow Monitoring Program for High RDII Basins
Wastewater Master Plan
City of Santa Barbara

ITEM 6



Monitor ID	Year	Pipe Size	Location
SB 15-1	1	6" NW	Garden and Pedredgosa
SB 15-2	1	6" NE	Garden and Pedredgosa
SB 15-3	1	12" NW	Garden and Pedredgosa
SB 15-4	1	12" NW	Laguna 50' NW/o Padre
SB 15-5	1	6" NW	Laguna 115' NW/o Padre
SB 21-1	2	8" NE	Alphonse and Milpas
SB 21-2	2	8" SE	Alphonse and Milpas
SB 21-3	2	8"NE	Cota and Soledad
SB 21-4	2	8"NE	Cota and Milpas
SB 16-1	3	8" NW	Laguna and Micheltorena
SB 16-2	3	8" NE	Micheltorena 250' NE/o Laguna
SB 16-3	3	8" NE	Micheltorena 210' NE/o Laguna
SB 16-4	3	8" NE	Valerio and Prospect
SB 16-5	3	8" S	California 130' S/o Grand
SB 16-6	3	8" NW	Laguna and Islay
SB 20-1	4	15" NW	Mason and Soledad
SB 20-2	4	8" NE	Mason and Soledad
SB 20-3	4	6" E	La Vista Grande and Alameda Padre Serra
SB 20-4	4	12" N	Sycamore Canyon 130' N/o Alameda Padre Serra
SB 20-5	4	12" S	Sycamore Canyon 150' S/o Stanwood
SB 39-1	4	18" S	100' SE/o intersection of Yanonali and 18" pipe

Legend

- Pipe to be Flow Monitored
- Model Pipes
- Not Modeled Pipes
- Pipe Improvements (2003-2008)
- SB 15 (Year 1)
- Feeder Basins
- Basin Boundaries
- Streets

PRELIMINARY

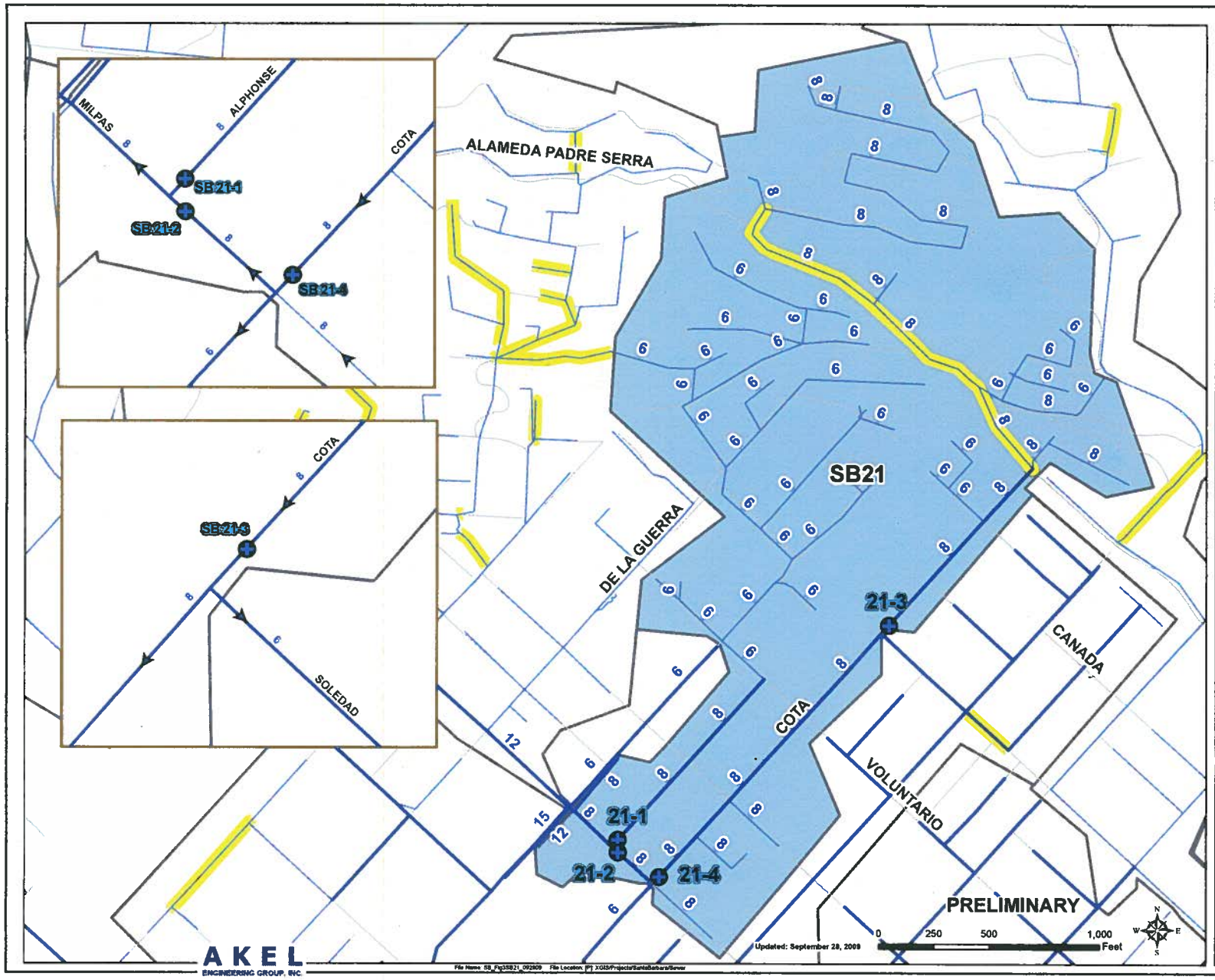
Updated: September 28, 2009

0 375 750 1,500 Feet

AKEL ENGINEERING GROUP, INC.

File Name: SB_Fig2SB15_092909 File Location: P:\ XGIS\Projects\SantaBarbara\Sewer

Figure 2
SB 15 Monitors
Flow Monitoring Program
Wastewater Master Plan
City of Santa Barbara

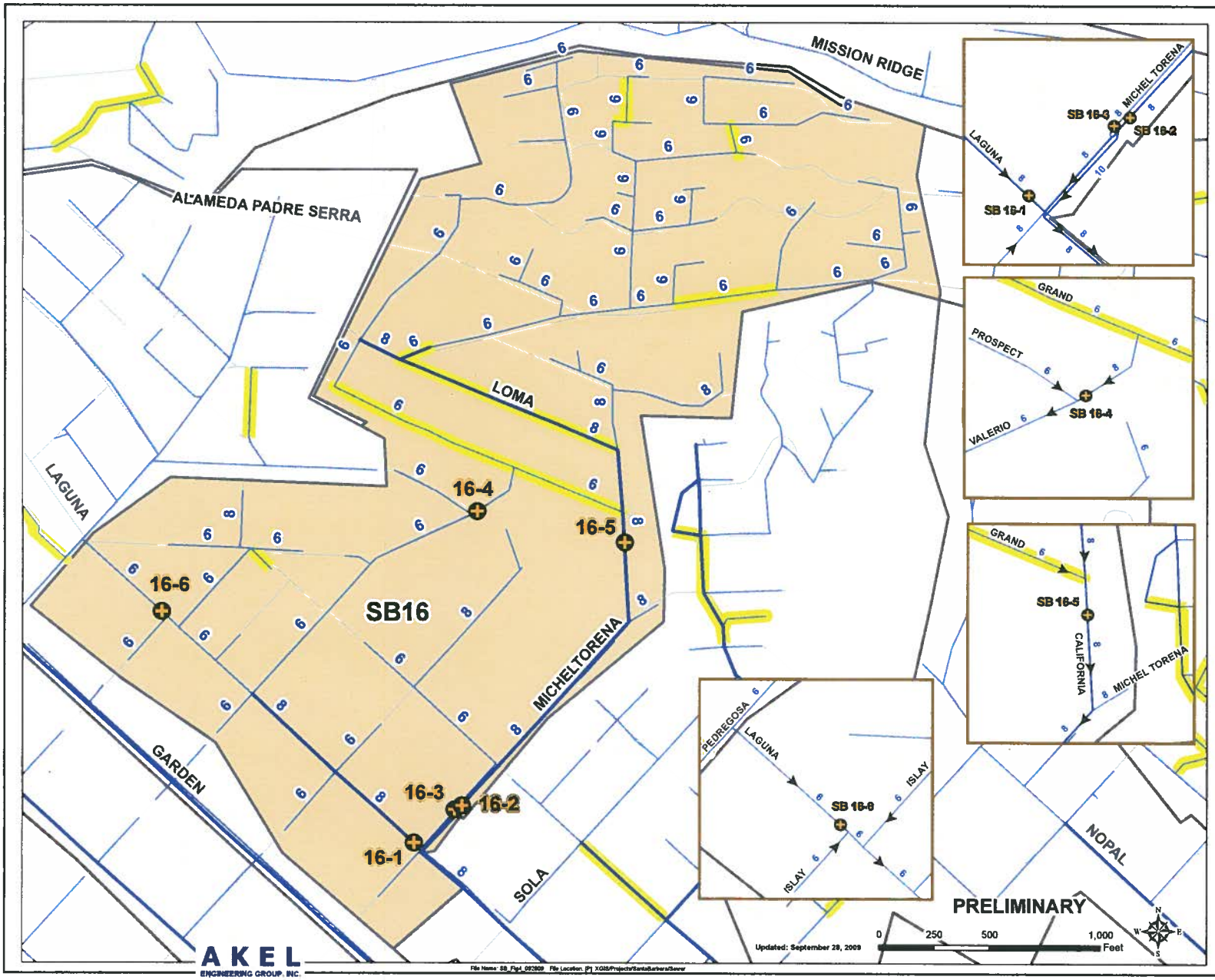


Legend

- Pipe to be Flow Monitored
- Model Pipes
- Not Modeled Pipes
- Pipe Improvements (2003-2008)
- SB 21 (Year 2)
- Basin Boundaries
- Streets

Monitor ID	Year	Pipe Size	Location
SB 15-3	1	6" NW	Garden and Pedredgosa
SB 15-1	3	6" NE	Garden and Pedredgosa
SB 15-3	1	12" NW	Garden and Pedredgosa
SB 15-4	3	12" NW	Laguna 50' NW/o Padre
SB 15-5	1	6" NW	Laguna 115' NW/o Padre
SB 21-1	1	8" NE	Alphonse and Milpas
SB 21-2	2	8" SE	Alphonse and Milpas
SB 21-3	1	8"NE	Cota and Soledad
SB 21-4	1	8"NE	Cota and Milpas
SB 16-1	3	8" NW	Laguna and Micheltorena
SB 16-1	3	8" NE	Micheltorena 250' NE/o Laguna
SB 16-3	3	8" NE	Micheltorena 110' NE/o Laguna
SB 16-4	3	8" NE	Valerio and Prospect
SB 16-5	3	8" S	California 130' S/o Grand
SB 16-6	3	8" NW	Laguna and Isley
SB 20-1	4	15" NW	Mason and Soledad
SB 20-2	4	8" NE	Mason and Soledad
SB 20-3	4	6" E	La Vista Grande and Alameda Padre Serra
SB 20-4	4	12" N	Sycamore Canyon 130' N/o Alameda Padre Serra
SB 20-5	4	12" S	Sycamore Canyon 350' S/o Stanwood
SB 39-1	4	18" S	100' SE/o Intersection of Yanonali and 18" pipe

Figure 3
SB 21 Monitors
Flow Monitoring Program
Wastewater Master Plan
City of Santa Barbara

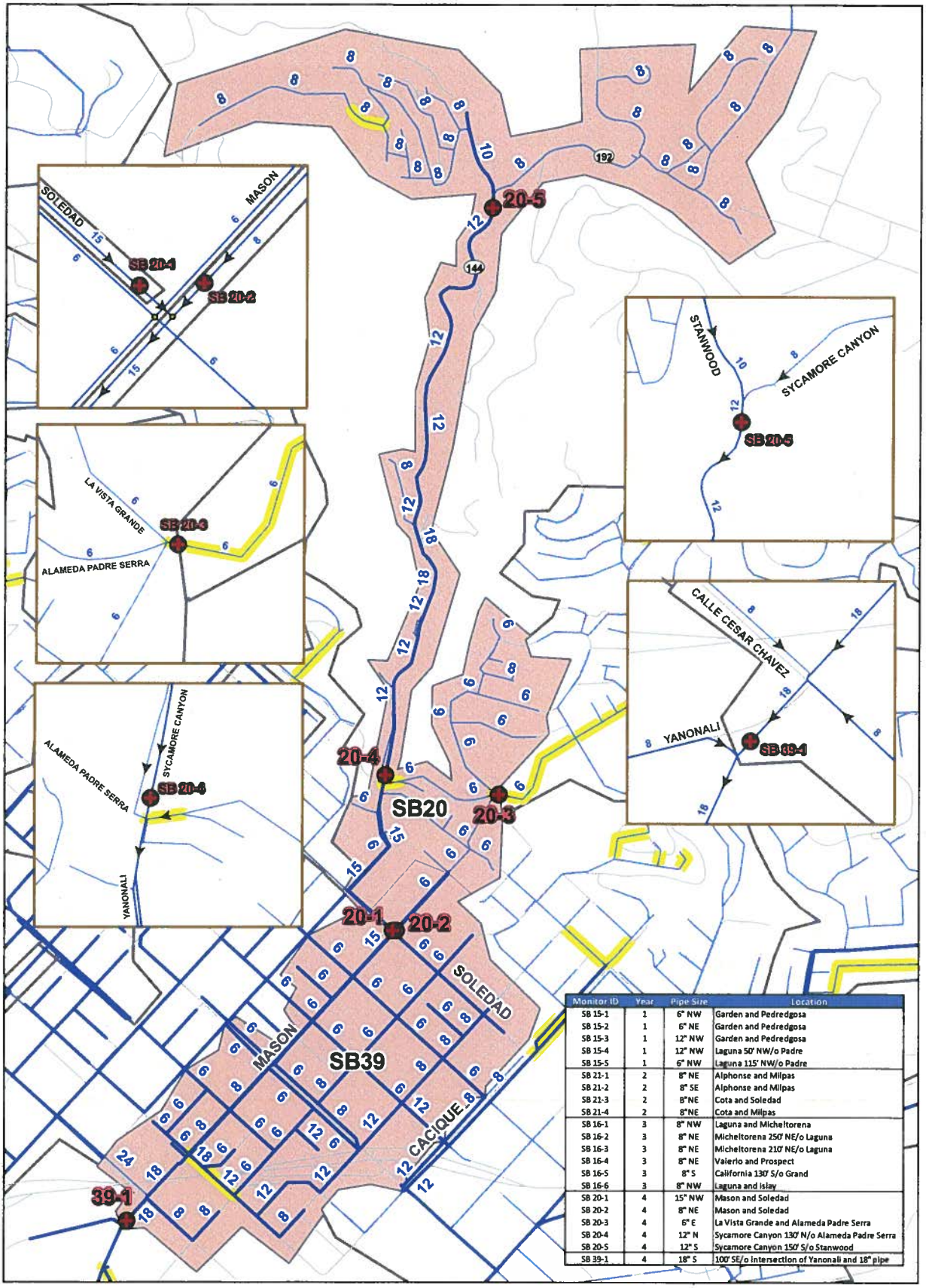


Legend

- Pipe to be Flow Monitored
- Model Pipes
- Not Modeled Pipes
- Pipe Improvements (2003-2008)
- SB 16 (Year 3)
- Basin Boundaries
- Streets

Monitor ID	Year	Pipe Size	Location
SB 15-1	1	6" NW	Garden and Pedredgosa
SB 15-2	1	6" NE	Garden and Pedredgosa
SB 15-3	1	12" NW	Garden and Pedredgosa
SB 15-4	1	12" NW	Laguna 50' NW/o Padre
SB 15-5	1	6" NW	Laguna 115' NW/o Padre
SB 21-1	2	8" NE	Alphonse and Milpas
SB 21-2	2	8" SE	Alphonse and Milpas
SB 21-3	2	8"NE	Cota and Soledad
SB 21-4	2	8"NE	Cota and Milpas
SB 16-1	3	8" NW	Laguna and Micheltorena
SB 16-2	3	8" NE	Micheltorena 250' NE/o Laguna
SB 16-3	3	8" NE	Micheltorena 210' NE/o Laguna
SB 16-4	3	8" NE	Valerio and Prospect
SB 16-5	3	8" S	California 130' S/o Grand
SB 16-6	3	8" NW	Laguna and Islay
SB 20-1	4	15" NW	Mason and Soledad
SB 20-2	4	8" NE	Mason and Soledad
SB 20-3	4	6" E	La Vista Grande and Alameda Padre Serra
SB 20-4	4	12" N	Sycamore Canyon 130' N/o Alameda Padre Serra
SB 20-5	4	12" S	Sycamore Canyon 150' S/o Stanwood
SB 39-1	4	18" S	100' SE/o Intersection of Yanonali and 18" pipe

Figure 4
SB 16 Monitors
Flow Monitoring Program
Wastewater Master Plan
City of Santa Barbara



Monitor ID	Year	Pipe Size	Location
SB 15-1	1	6" NW	Garden and Pedredgosa
SB 15-2	1	6" NE	Garden and Pedredgosa
SB 15-3	1	12" NW	Garden and Pedredgosa
SB 15-4	1	12" NW	Laguna 50' NW/o Padre
SB 15-5	1	6" NW	Laguna 115' NW/o Padre
SB 21-1	2	8" NE	Alphonse and Milpas
SB 21-2	2	8" SE	Alphonse and Milpas
SB 21-3	2	8"NE	Cota and Soledad
SB 21-4	2	8"NE	Cota and Milpas
SB 16-1	3	8" NW	Laguna and Micheltorena
SB 16-2	3	8" NE	Micheltorena 250' NE/o Laguna
SB 16-3	3	8" NE	Micheltorena 210' NE/o Laguna
SB 16-4	3	8" NE	Valerio and Prospect
SB 16-5	3	8" S	California 130' S/o Grand
SB 16-6	3	8" NW	Laguna and Islay
SB 20-1	4	15" NW	Mason and Soledad
SB 20-2	4	8" NE	Mason and Soledad
SB 20-3	4	6" E	La Vista Grande and Alameda Padre Serra
SB 20-4	4	12" N	Sycamore Canyon 130' N/o Alameda Padre Serra
SB 20-5	4	12" S	Sycamore Canyon 150' S/o Stanwood
SB 39-1	4	18" S	100' SE/o Intersection of Yanonali and 18" pipe

Legend

- Pipe to be Flow Monitored
- Model Pipes
- Not Modeled Pipes
- Pipe Improvements (2003-2008)
- SB 20 & 39 (Year 4)
- Basin Boundaries
- Streets

Note: All diversions to/from SB 43 and SB 26 to be plugged during the flow monitoring program.

PRELIMINARY

Updated: September 28, 2009

0 250 500 1,000 Feet

AKEL ENGINEERING GROUP, INC.

File Name: SB_Fig5SB20_092909 File Location: P:\ XOIS\Projects\SantaBarbara\Sewer

Figure 5
SB 20 and SB 39 Monitors
Flow Monitoring Program
Wastewater Master Plan
City of Santa Barbara