

Detterman, Mark, Env. Health

From: Phillips, Hollis [Hollis.Phillips@arcadis-us.com]
Sent: Wednesday, April 29, 2015 10:59 AM
To: Detterman, Mark, Env. Health
Subject: R0066 - 1700 Powell BP11126
Attachments: Proposed location of new well.pdf

Mark:

Got your VM, here is the approximate location of the proposed well. Also I wasn't clear on exactly what you were asking for as far as the preferential pathway. Give me a call or send me an email to discuss.

Hollis

Hollis E. Phillips | Principal Geologist | hollis.phillips@arcadis-us.com

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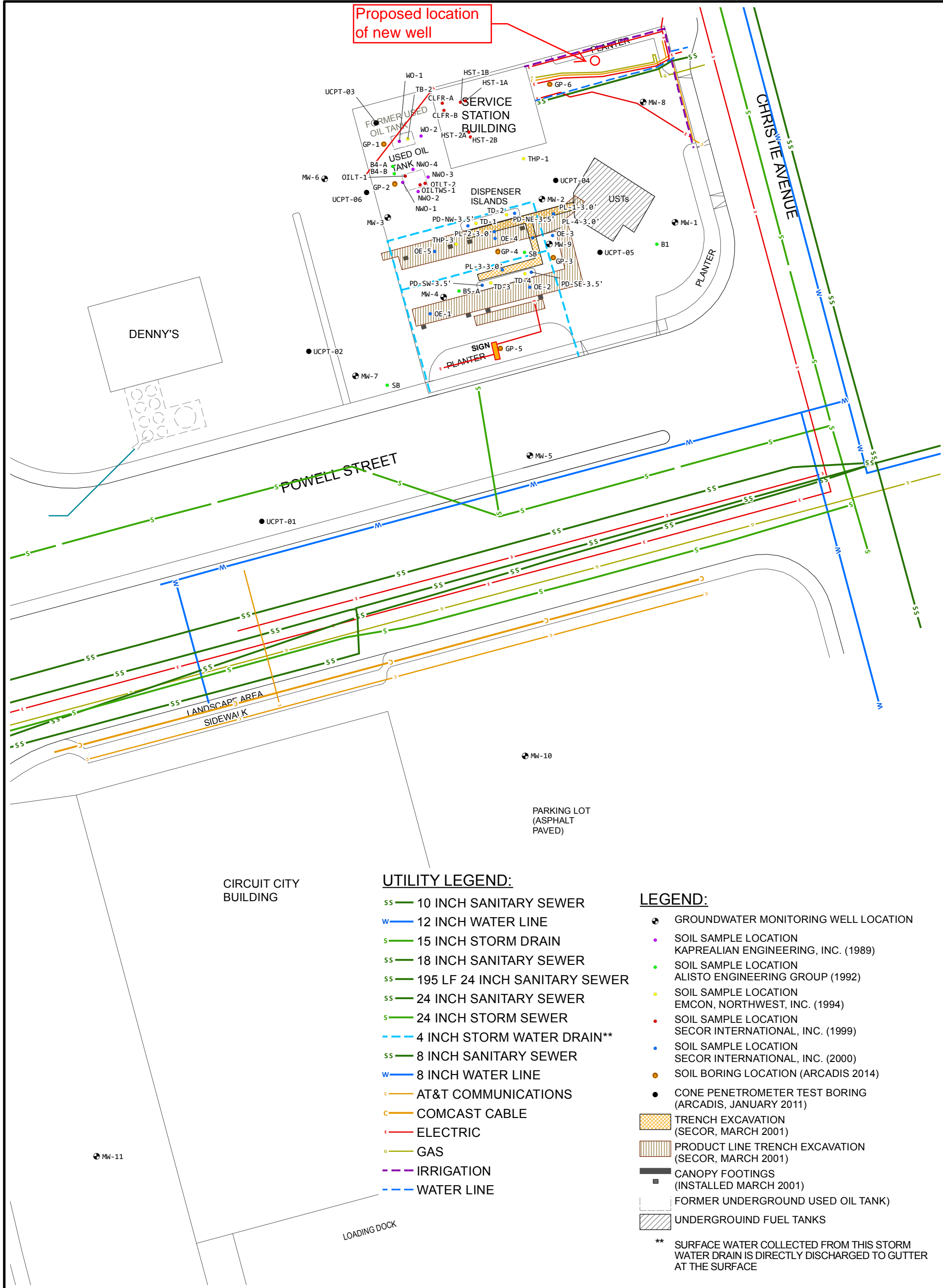
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ARCADIS, Imagine the result

Please consider the environment before printing this email.

Proposed location of new well



UTILITY LEGEND:

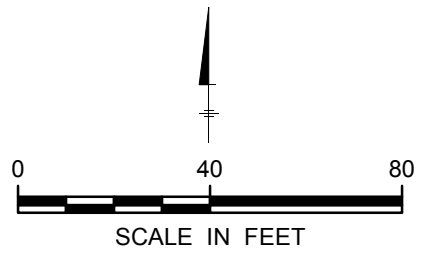
- ss 10 INCH SANITARY SEWER
- w 12 INCH WATER LINE
- s 15 INCH STORM DRAIN
- ss 18 INCH SANITARY SEWER
- ss 195 LF 24 INCH SANITARY SEWER
- ss 24 INCH SANITARY SEWER
- s 24 INCH STORM SEWER
- - - 4 INCH STORM WATER DRAIN**
- ss 8 INCH SANITARY SEWER
- w 8 INCH WATER LINE
- c AT&T COMMUNICATIONS
- c COMCAST CABLE
- - - ELECTRIC
- - - GAS
- - - IRRIGATION
- - - WATER LINE

LEGEND:

- GROUNDWATER MONITORING WELL LOCATION
 - SOIL SAMPLE LOCATION KAPREALIAN ENGINEERING, INC. (1989)
 - SOIL SAMPLE LOCATION ALISTO ENGINEERING GROUP (1992)
 - SOIL SAMPLE LOCATION EMCON, NORTHWEST, INC. (1994)
 - SOIL SAMPLE LOCATION SECOR INTERNATIONAL, INC. (1999)
 - SOIL SAMPLE LOCATION SECOR INTERNATIONAL, INC. (2000)
 - SOIL BORING LOCATION (ARCADIS 2014)
 - CONE PENETROMETER TEST BORING (ARCADIS, JANUARY 2011)
 - ▨ TRENCH EXCAVATION (SECOR, MARCH 2001)
 - ▨ PRODUCT LINE TRENCH EXCAVATION (SECOR, MARCH 2001)
 - CANOPY FOOTINGS (INSTALLED MARCH 2001)
 - ▭ FORMER UNDERGROUND USED OIL TANK)
 - ▨ UNDERGROUND FUEL TANKS
- ** SURFACE WATER COLLECTED FROM THIS STORM WATER DRAIN IS DIRECTLY DISCHARGED TO GUTTER AT THE SURFACE

NOTES:

1. SITE MAP ADAPTED FROM STANTEC FIGURES
2. ONSITE UTILITIES AND LATERALS IDENTIFIED DURING SUBSURFACE UTILITY LOCATION ACTIVITIES ON NOVEMBER 20, 2014.
3. OFFSITE UTILITIES ADAPTED FROM UTILITY MAP PROVIDED BY THE CITY OF EMERYVILLE DEPARTMENT OF PUBLIC WORKS.



FORMER BP STATION #11126
 1700 POWELL STREET, EMERYVILLE, CALIFORNIA

SUBSURFACE UTILITY MAP

FIGURE
E-1