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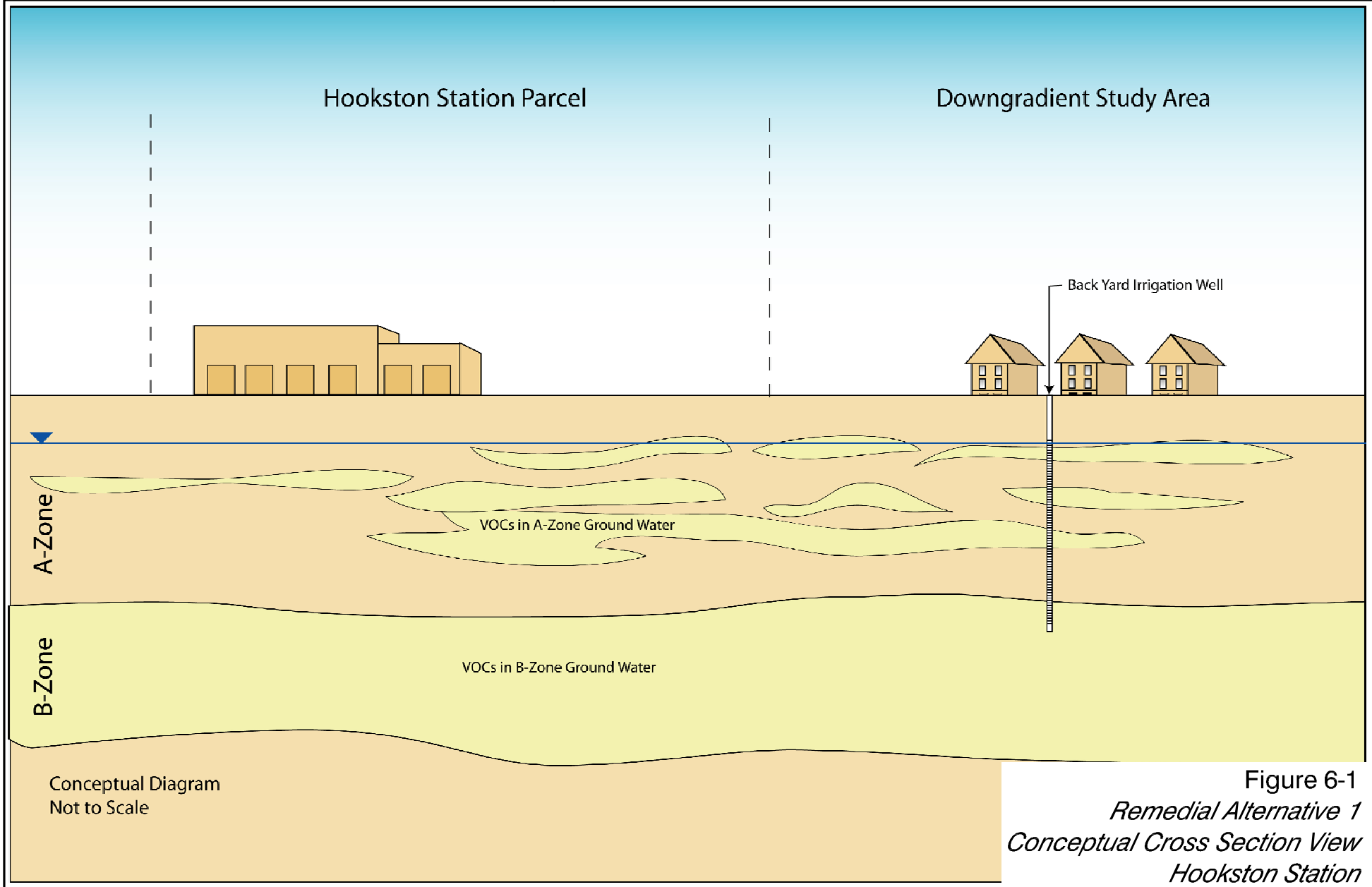


Figure 6-1
Remedial Alternative 1
Conceptual Cross Section View
Hookston Station
Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-42.dwg	R. Olson	07/03/06	0020557.10

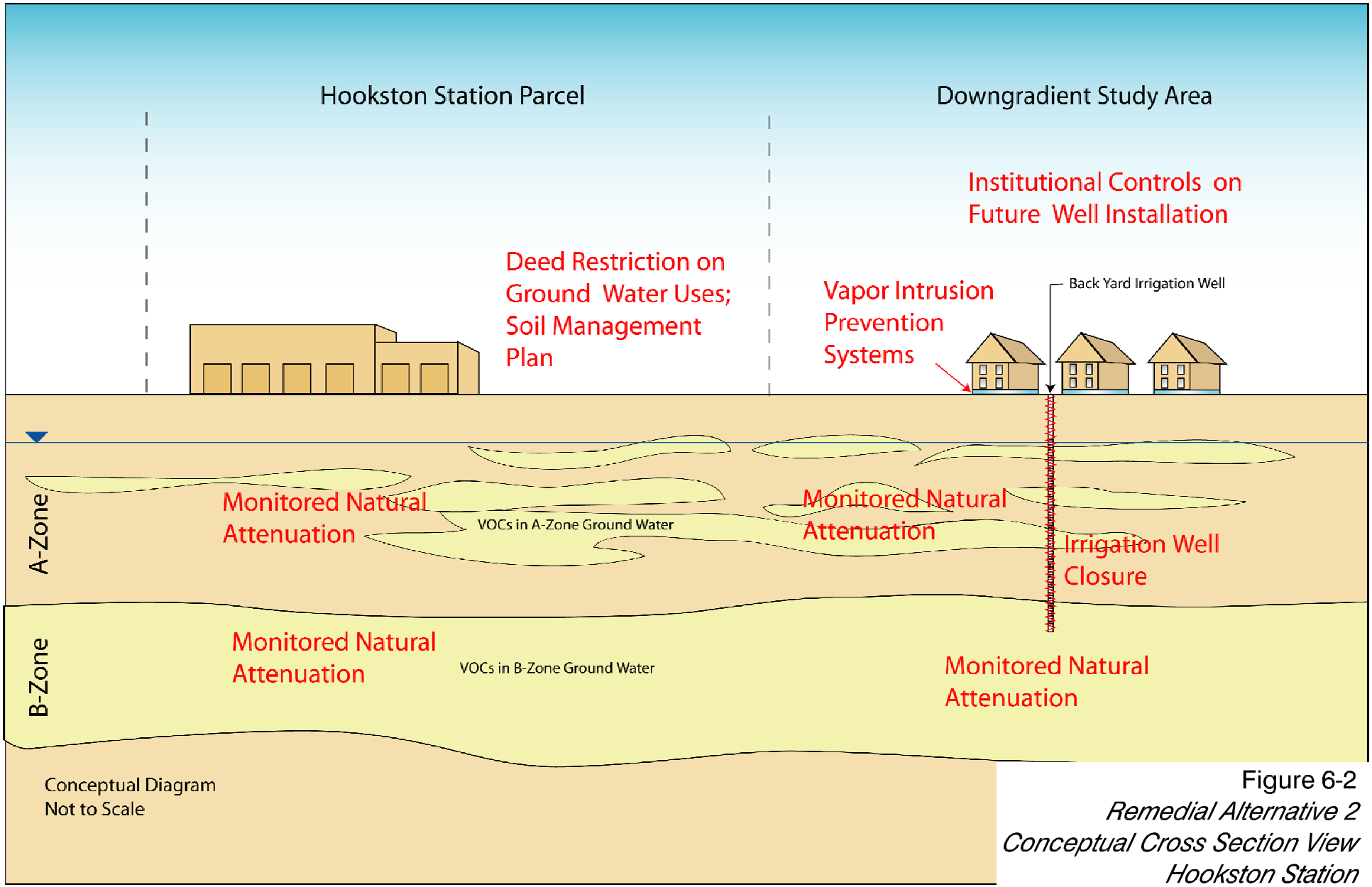
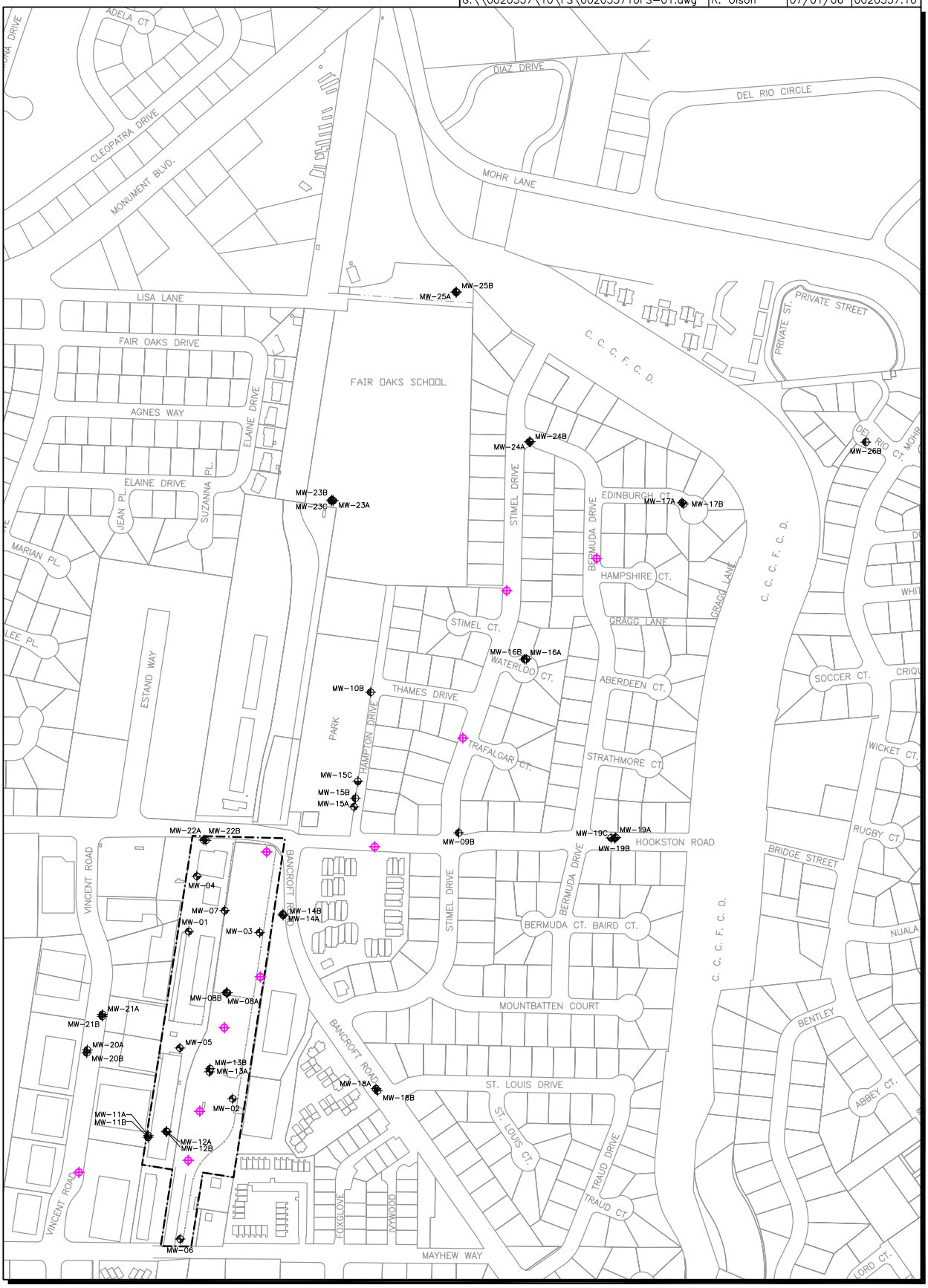


Figure 6-2
Remedial Alternative 2
Conceptual Cross Section View
Hookston Station
Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-01.dwg	R. Olson	07/01/06	0020557.10



LEGEND

- Existing A-Zone Monitoring Well
- Existing B-Zone Monitoring Well
- Existing C-Zone Monitoring Well
- Proposed Paired A-Zone/ B-Zone Monitoring Wells
- Hookston Station Parcel Property Boundary

N

0 300

FEET

Figure 6-3

Remedial Alternative 2
Monitored Natural Attenuation
Hookston Station
Pleasant Hill, California

ERM 07/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-43.dwg	R. Olson	07/03/06	0020557.10

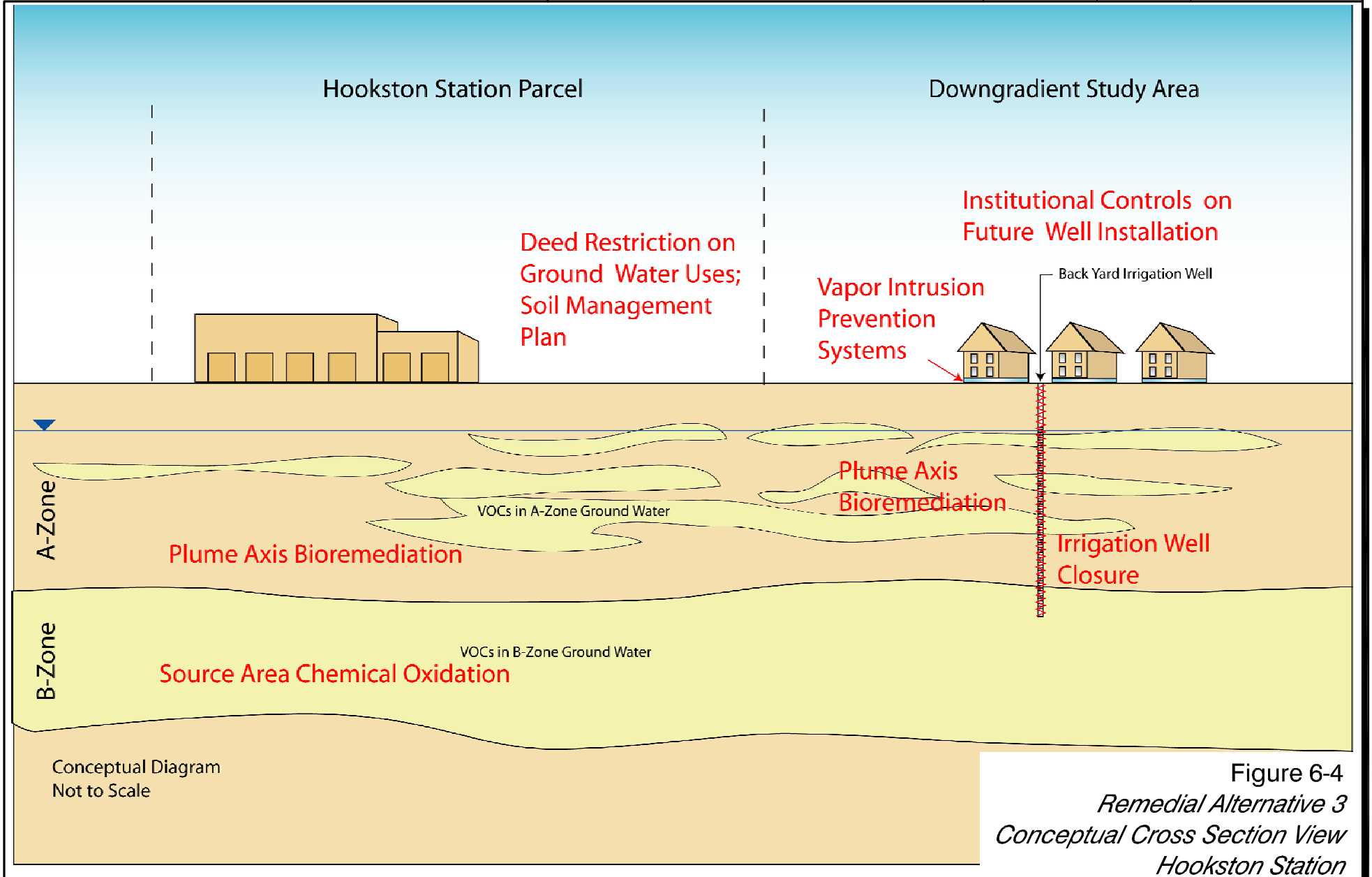
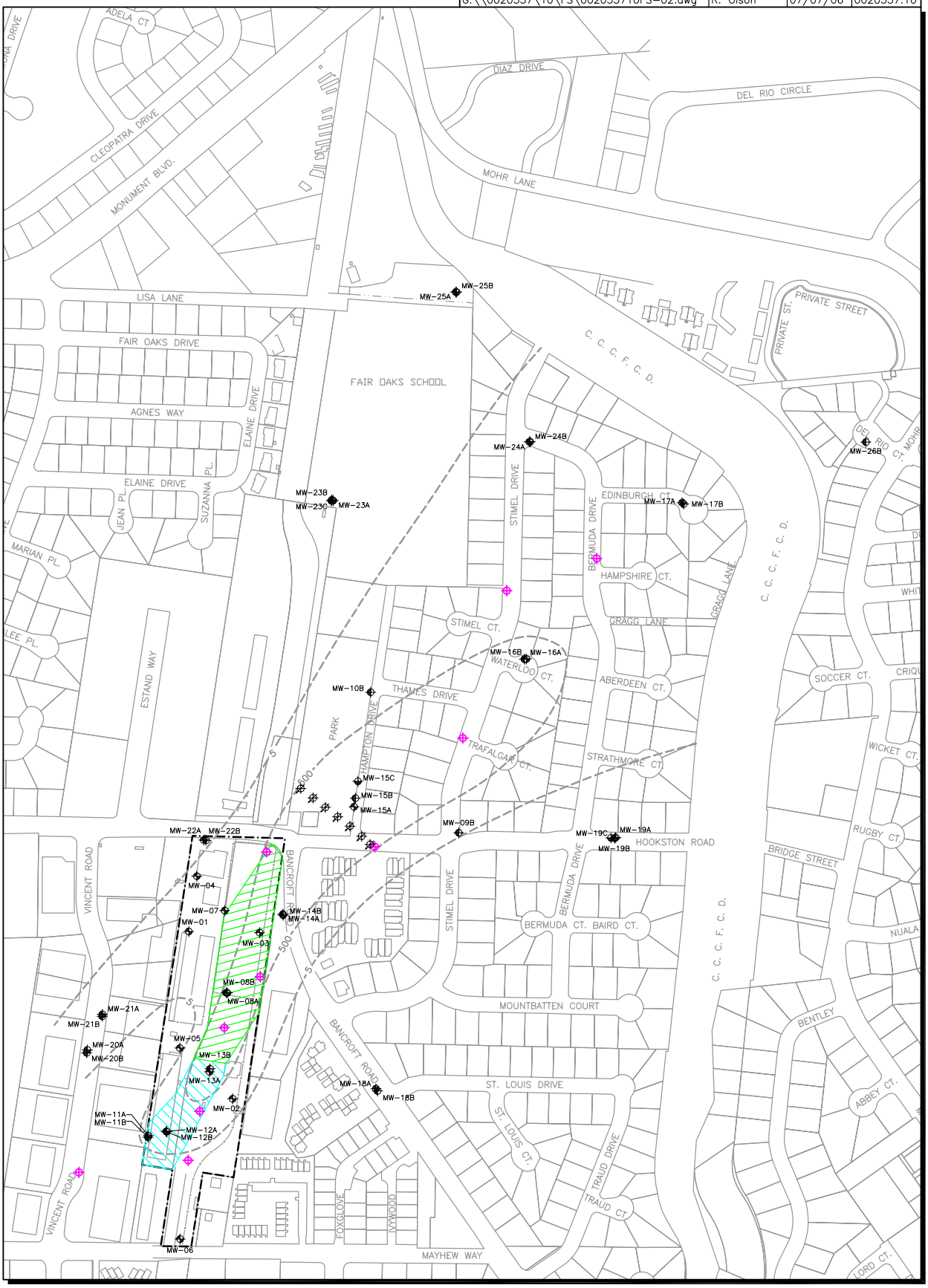


Figure 6-4
Remedial Alternative 3
Conceptual Cross Section View
Hookston Station
Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-02.dwg	R. Olson	07/07/06	0020557.10



LEGEND

- Existing A-Zone Monitoring Well
- Existing B-Zone Monitoring Well
- Existing C-Zone Monitoring Well
- Proposed A-Zone Injection Well
- Proposed Paired A-Zone/ B-Zone Monitoring Wells
- Proposed Area of A-Zone Injection Points for Bioremediation Amendment
- Proposed Area of A-Zone Injection Points For Bioremediation Amendment and B-Zone Injection Points for Chemical Oxidation
- A-Zone Ground Water TCE Contour (µg/L), First Quarter 2006
- Hookston Station Parcel Property Boundary

N

0 300
FEET

Figure 6-5

Remedial Alternative 3
Enhanced Anaerobic Bioremediation
Hookston Station
Pleasant Hill, California

ERM 06/06

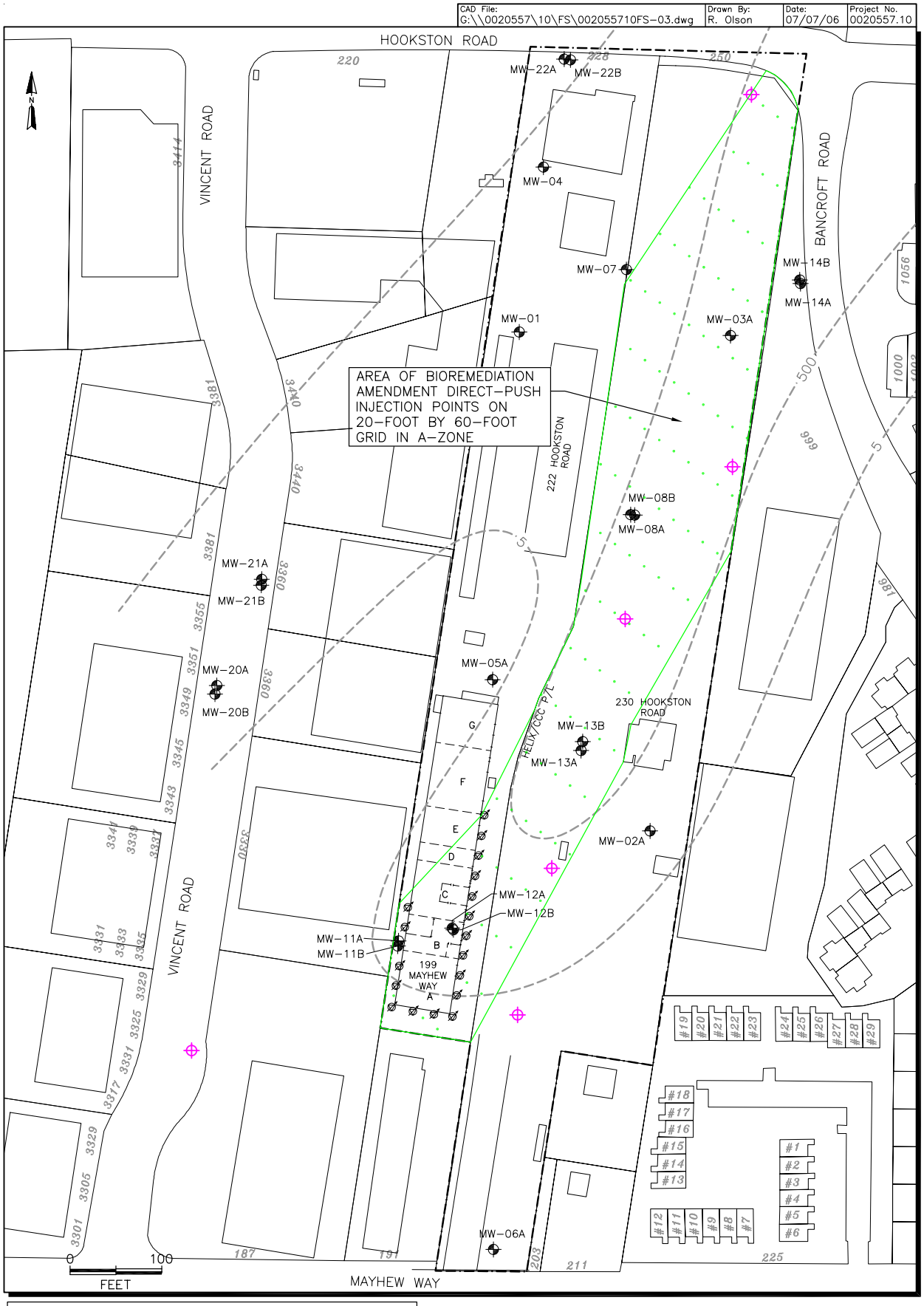


Figure 6-6
Remedial Alternative 3
A-Zone Detailed View - Hookston Station Parcel
Hookston Station
Pleasant Hill, California
ERM 07/06

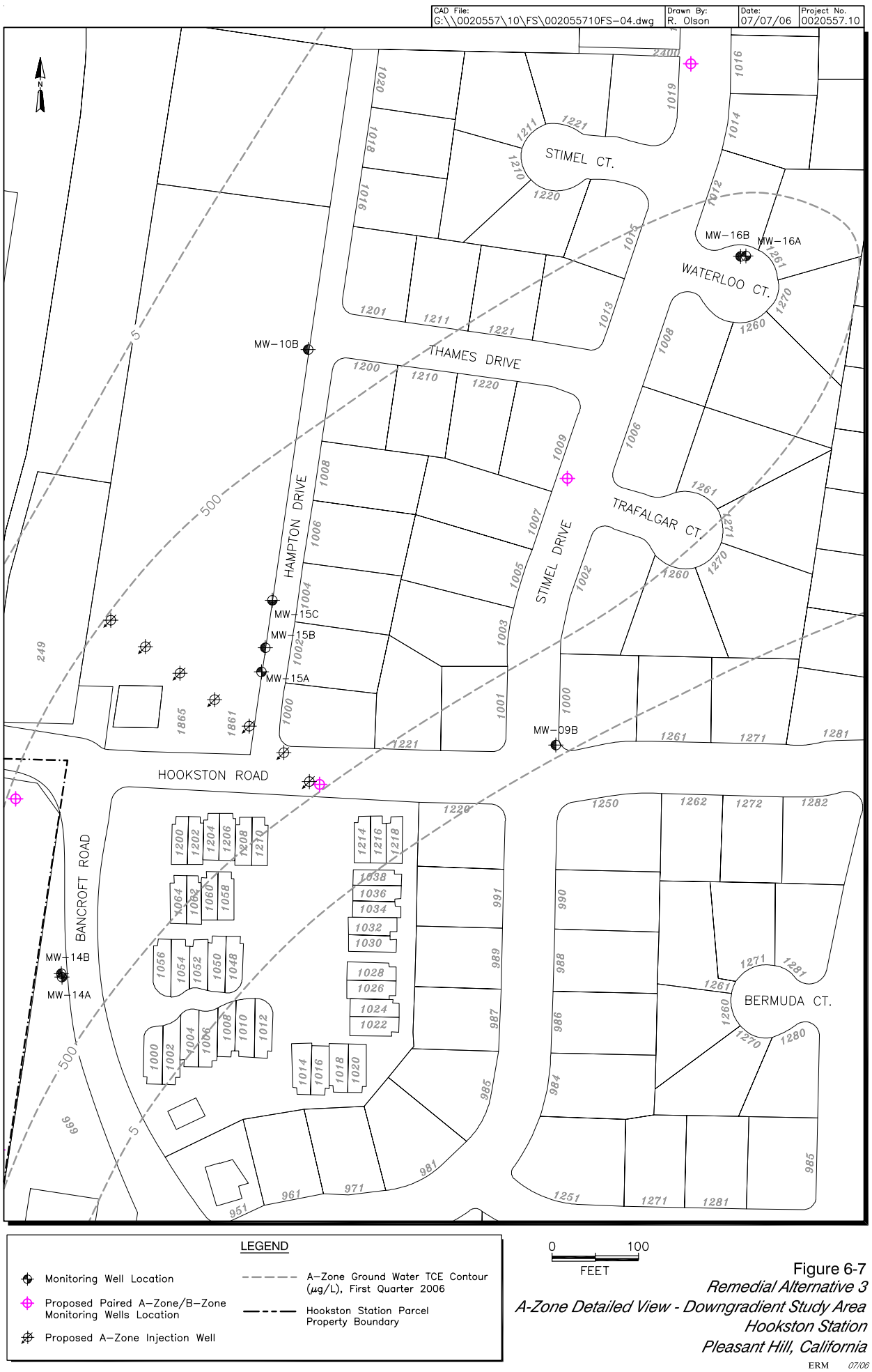


Figure 6-7
Remedial Alternative 3
A-Zone Detailed View - Downgradient Study Area
Hookston Station
Pleasant Hill, California

ERM 07/06

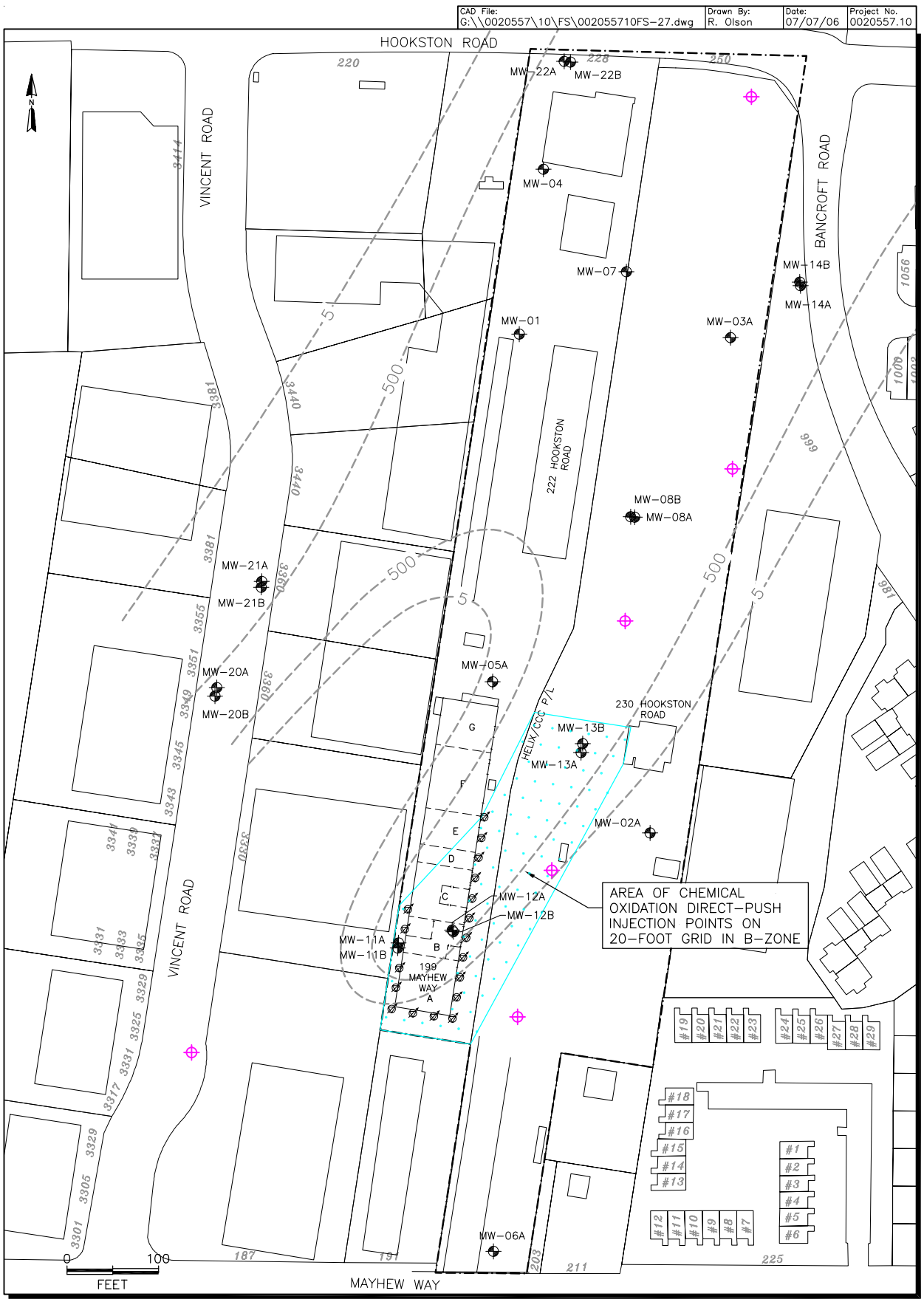


Figure 6-8
Remedial Alternative 3
B-Zone Detailed View - Hookston Station Parcel
Hookston Station
Pleasant Hill, California
ERM 07/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-44.dwg	R. Olson	07/03/06	0020557.10

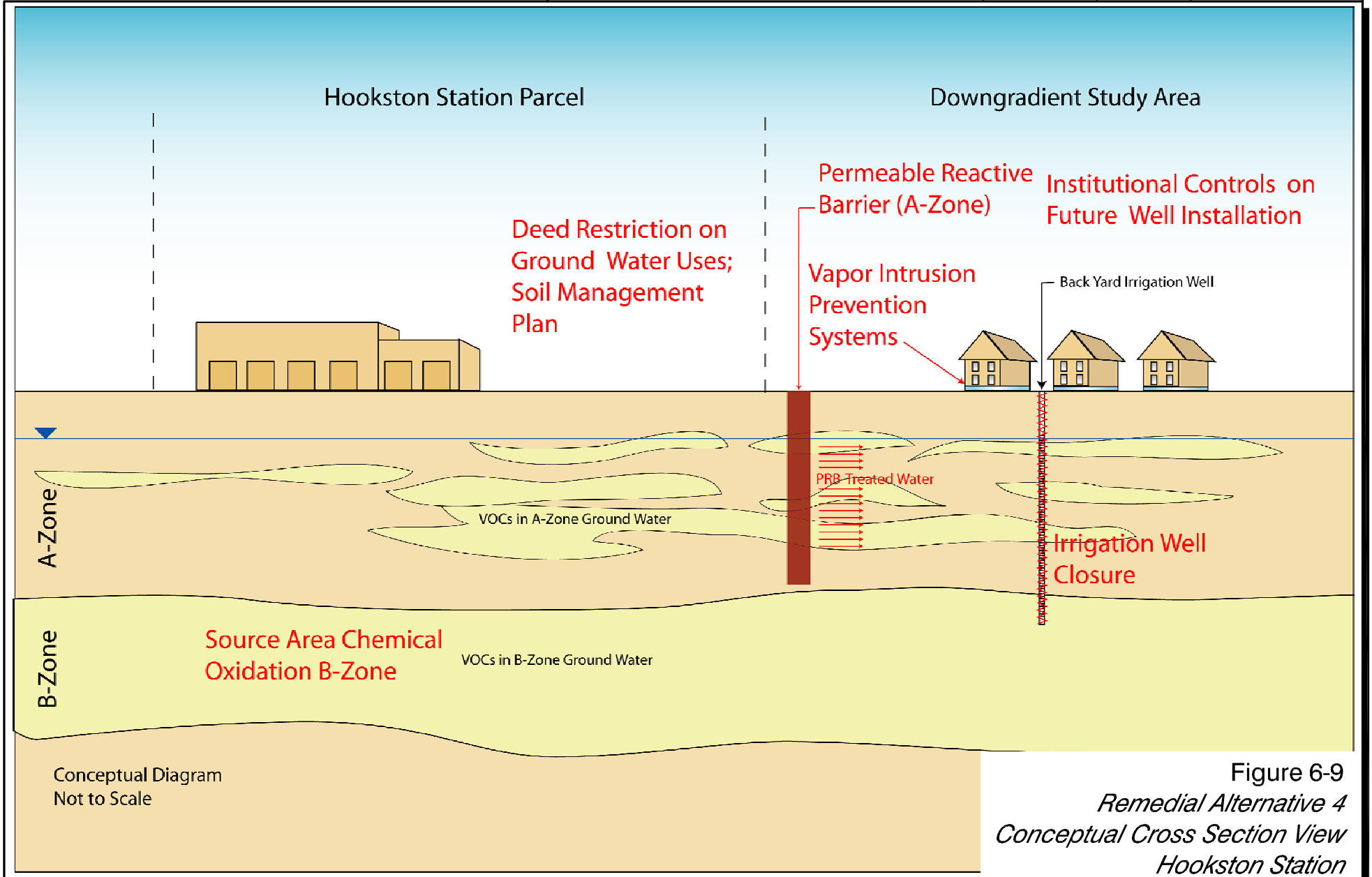
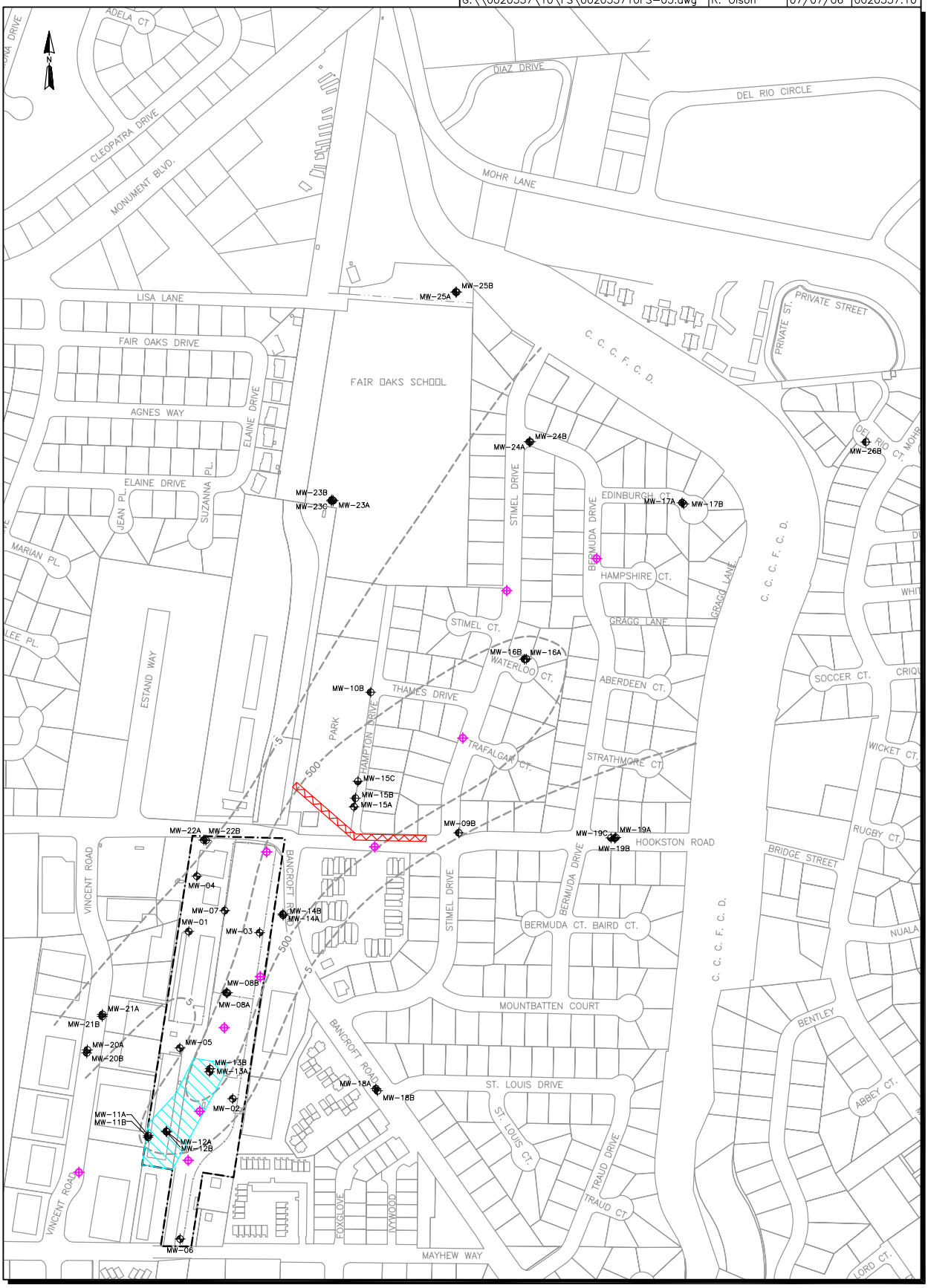


Figure 6-9
Remedial Alternative 4
Conceptual Cross Section View
Hookston Station
Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-05.dwg	R. Olson	07/07/06	0020557.10



LEGEND

- Existing A-Zone Monitoring Well
- Existing B-Zone Monitoring Well
- Existing C-Zone Monitoring Well
- Proposed Paired Zone A-Zone/B-Zone Monitoring Wells
- Proposed Location of Zero-Valent Iron Permeable Reactive Barrier – A-Zone
- Proposed Area of B-Zone Injection Points for Chemical Oxidation
- A-Zone Ground Water TCE Contour (µg/L), First Quarter 2006
- Hookston Station Parcel Property Boundary

0 300 FEET

Figure 6-10

Remedial Alternative 4

Zero-Valent Iron Permeable Reactive Barrier

Hookston Station

Pleasant Hill, California

ERM 06/06

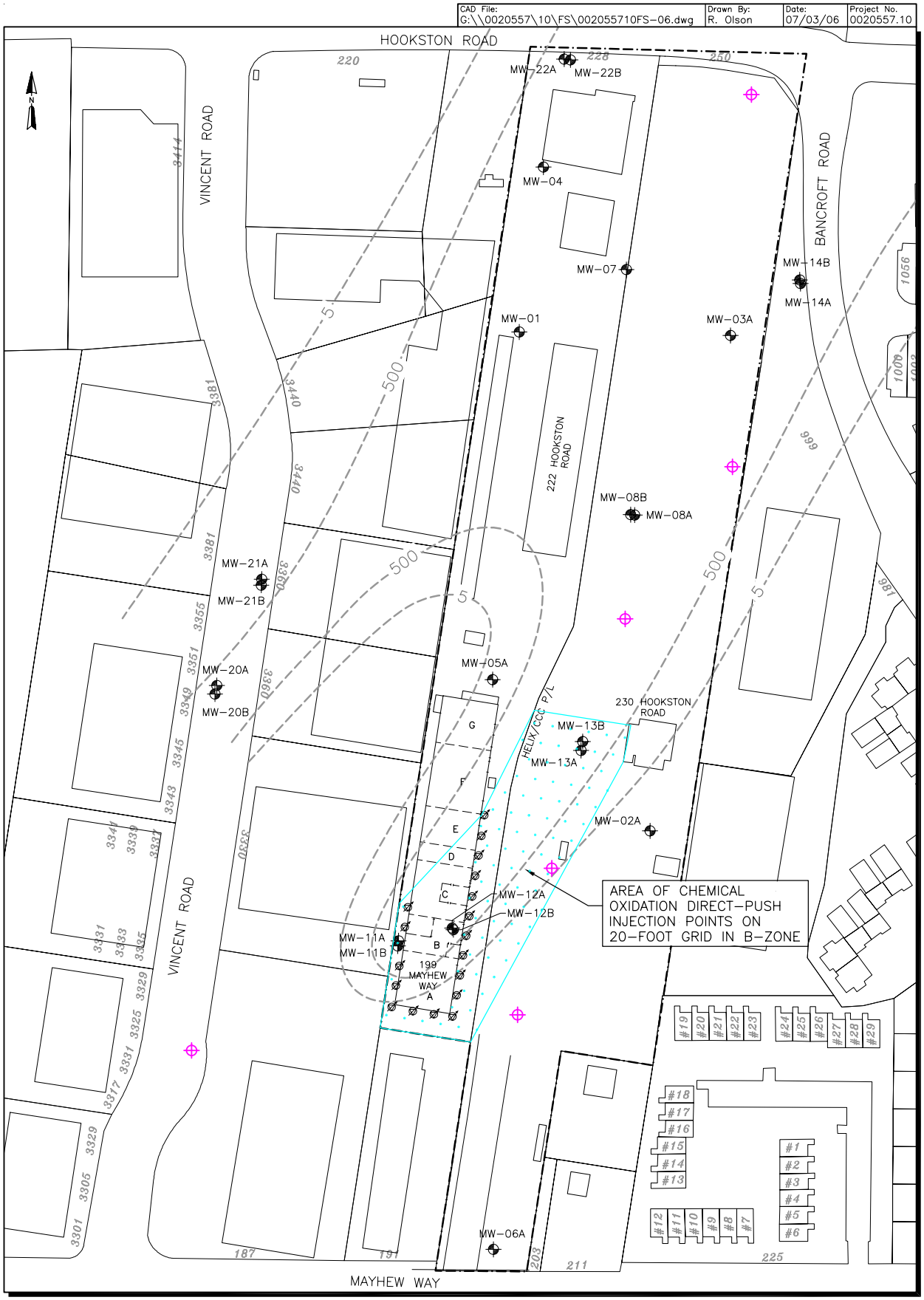


Figure 6-11
Remedial Alternative 4
Detailed View
Hookston Station
Pleasant Hill, California

ERM 07/07

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-45.dwg	R. Olson	07/03/06	0020557.10

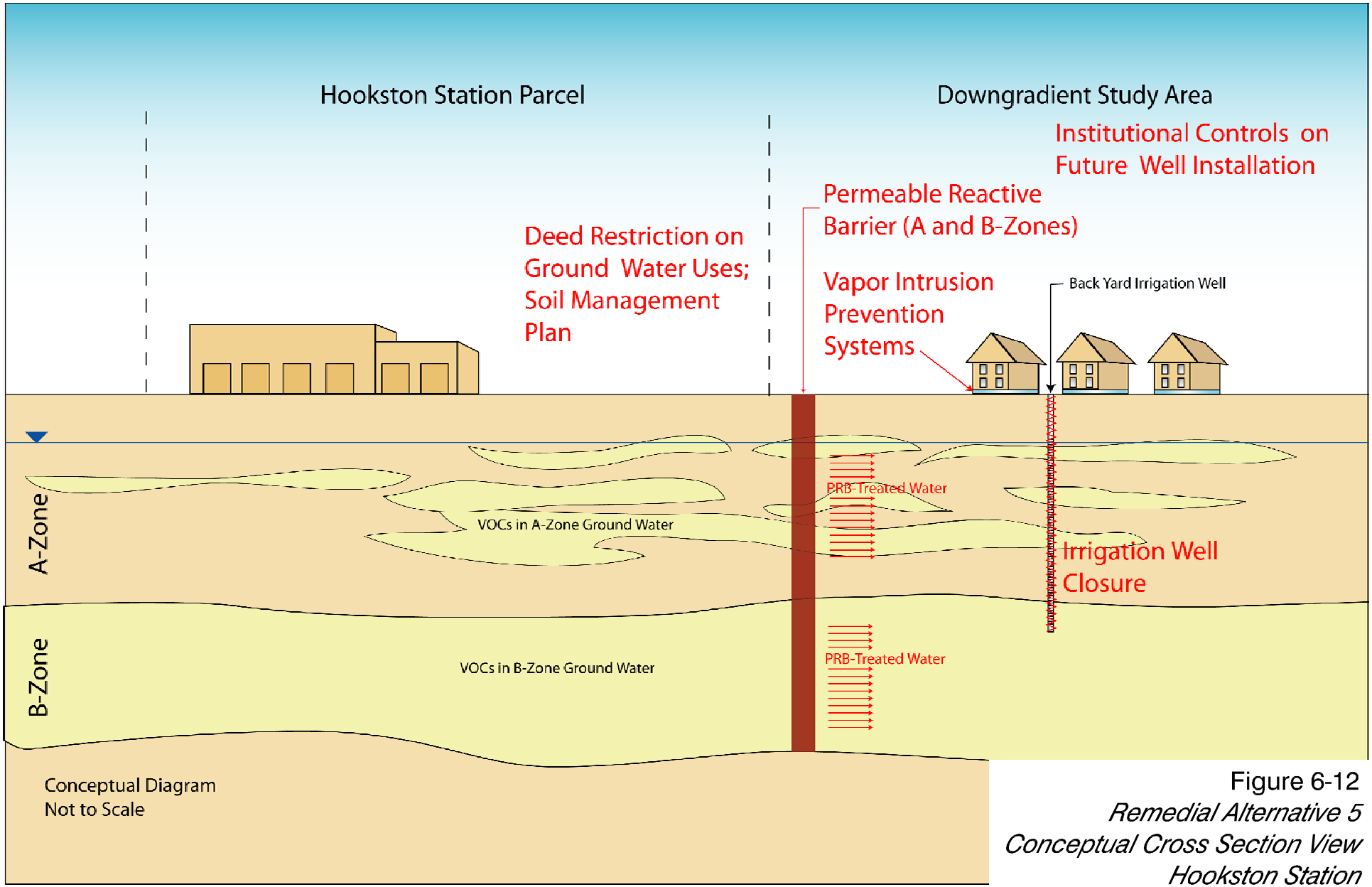
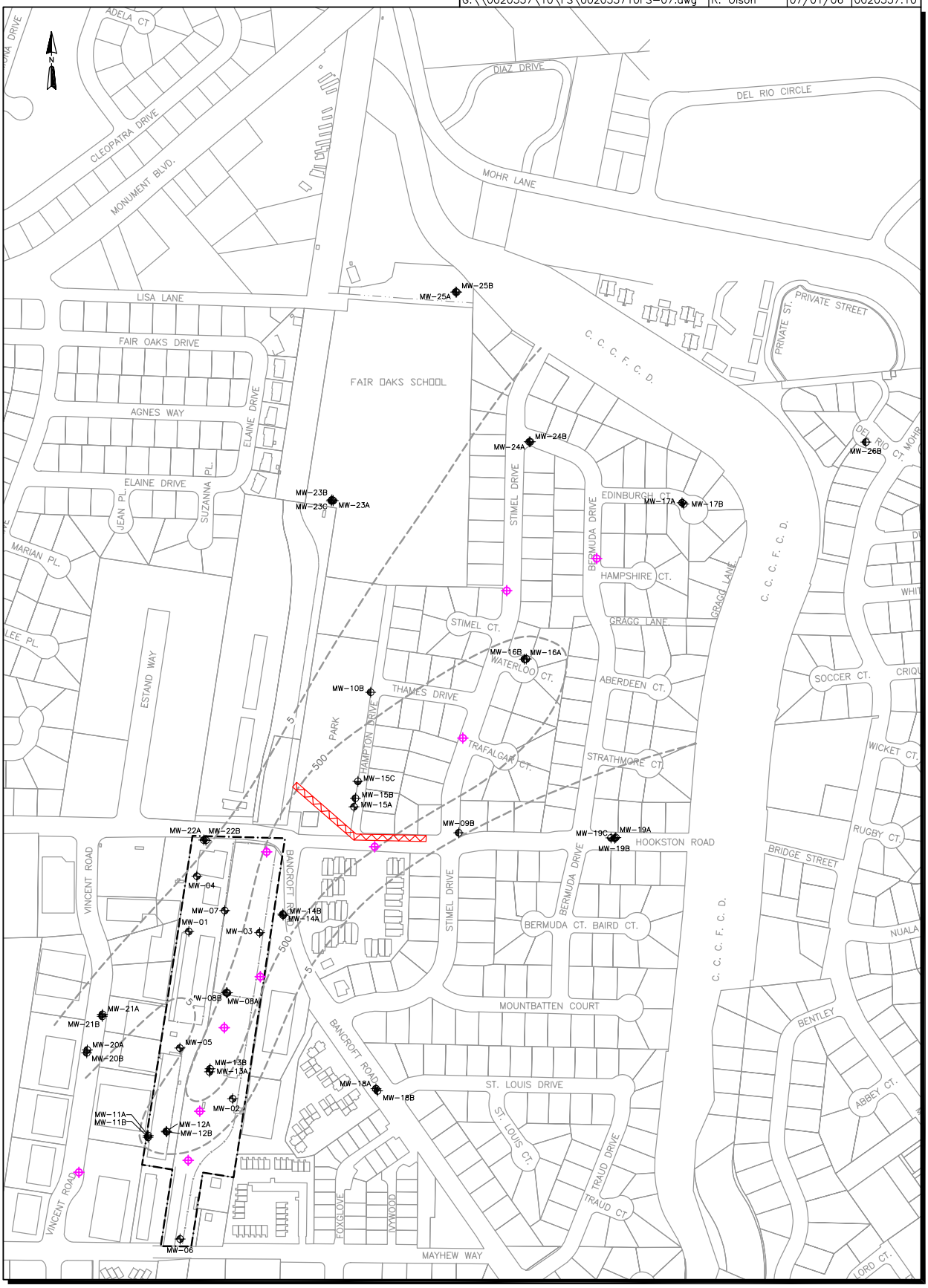


Figure 6-12
Remedial Alternative 5
Conceptual Cross Section View
Hookston Station
Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-07.dwg	R. Olson	07/01/06	0020557.10



LEGEND

- Existing A-Zone Monitoring Well
- Existing B-Zone Monitoring Well
- Existing C-Zone Monitoring Well
- Proposed Paired A-Zone/ B-Zone Monitoring Wells
- Proposed Location of Zero-Valent Iron Permeable Reactive Barrier – A-Zone and B-Zone
- A-Zone Ground Water TCE Contour (µg/L), First Quarter 2006
- Hookston Station Parcel Property Boundary

0 300 FEET

Figure 6-13

Remedial Alternative 5

Zero-Valent Iron Permeable Reactive Barrier

Hookston Station

Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-46.dwg	R. Olson	07/03/06	0020557.10

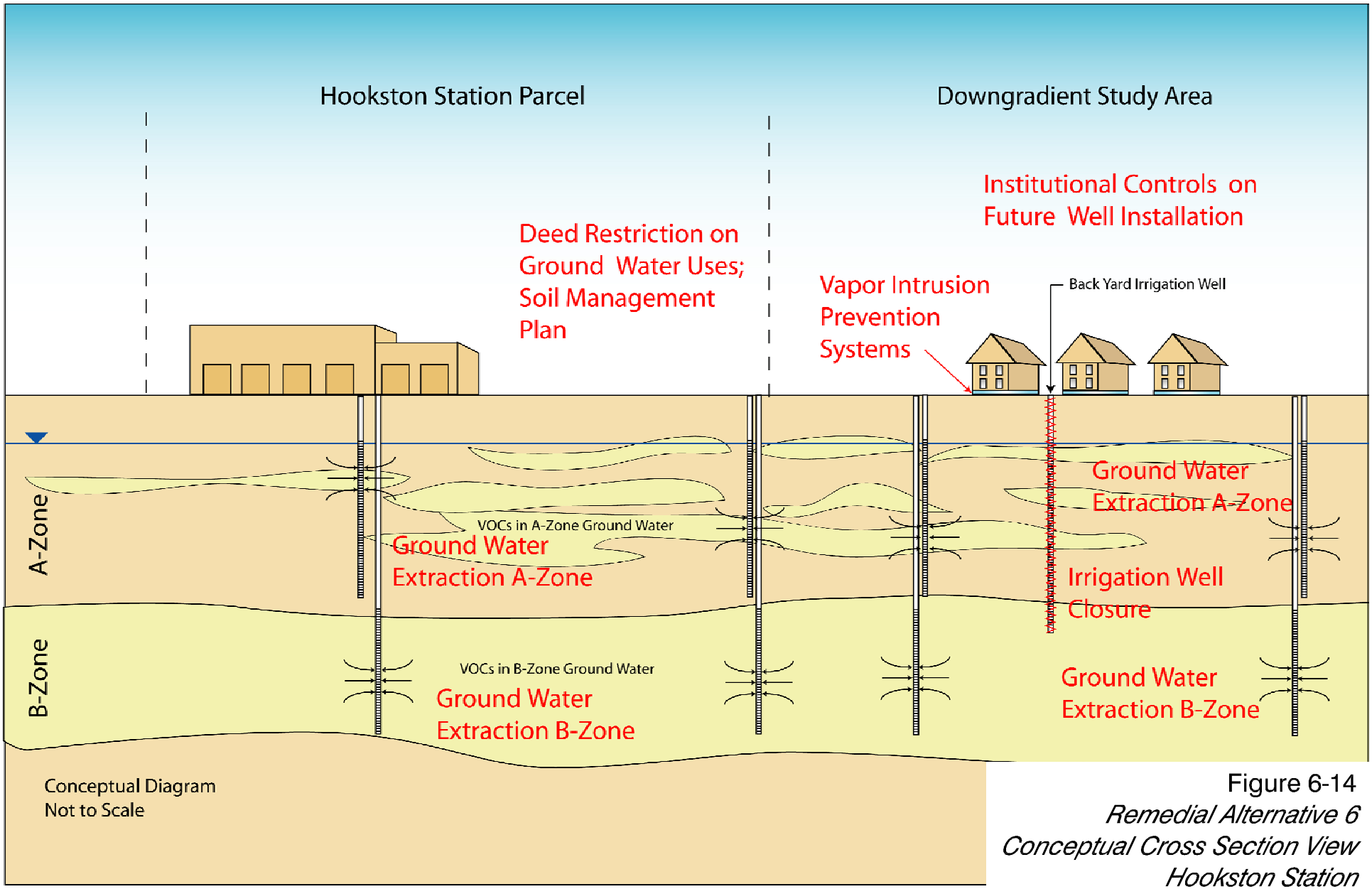
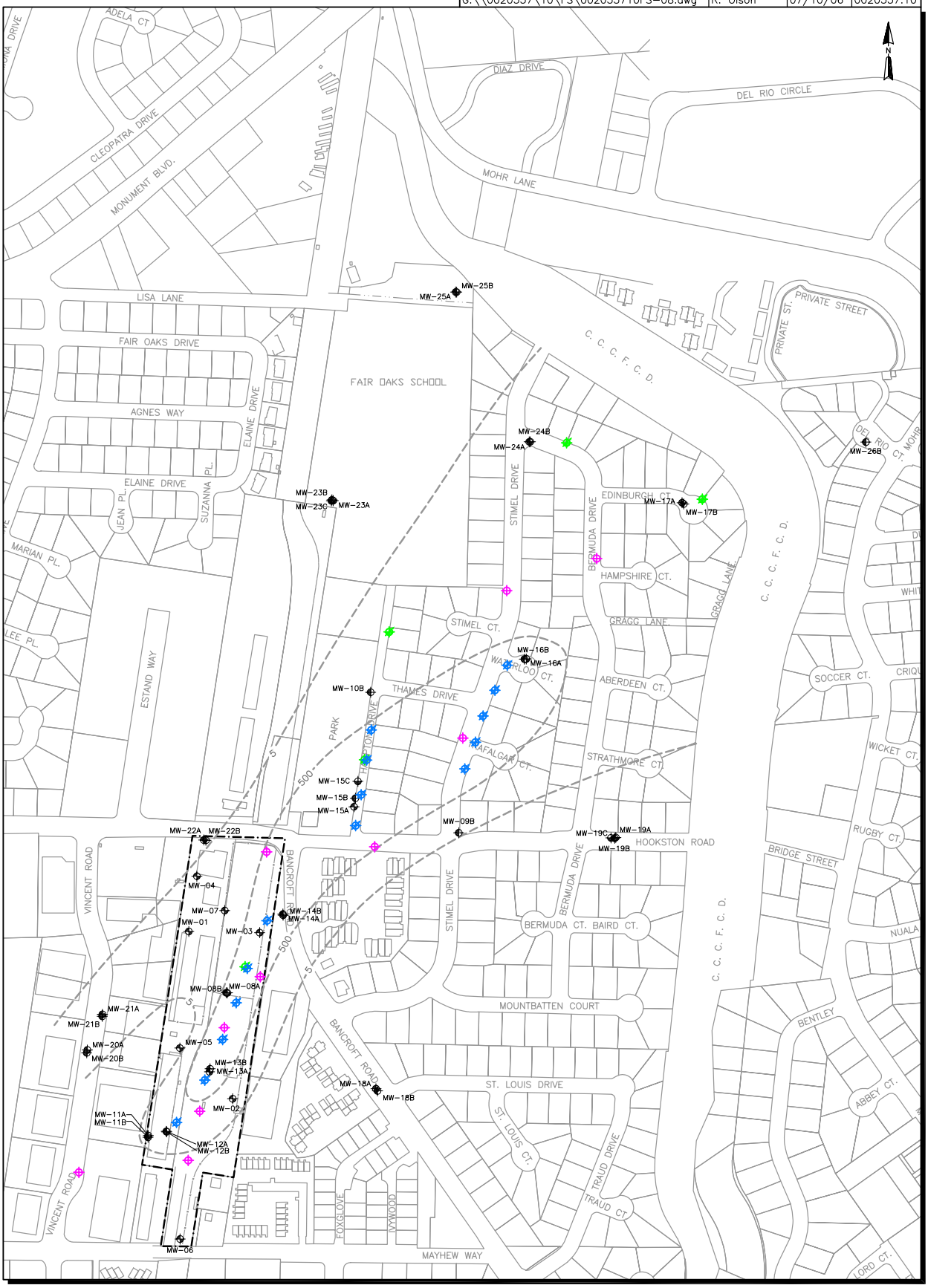


Figure 6-14
Remedial Alternative 6
Conceptual Cross Section View
Hookston Station
Pleasant Hill, California

ERM 06/06

CAD File:	Drawn By:	Date:	Project No.
G:\\0020557\10\FS\002055710FS-08.dwg	R. Olson	07/10/06	0020557.10



LEGEND

- Existing A-Zone Monitoring Well
- Existing B-Zone Monitoring Well
- Existing C-Zone Monitoring Well
- Proposed Paired A-Zone/B-Zone Monitoring Wells
- Proposed A-Zone Extraction Well
- Proposed B-Zone Extraction Well
- A-Zone Ground Water TCE Contour (µg/L), First Quarter 2006
- Hookston Station Parcel Property Boundary

0 300 FEET

Figure 6-15

Remedial Alternative 6
Ground Water Extraction, Treatment, and Disposal
Hookston Station
Pleasant Hill, California

ERM 07/06