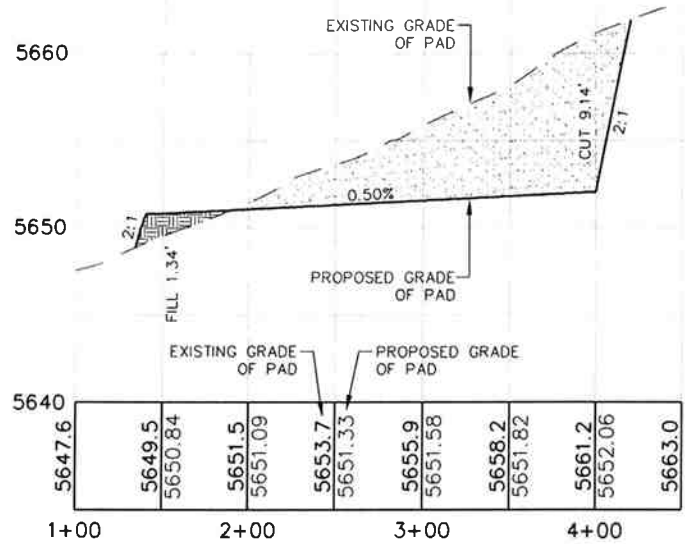


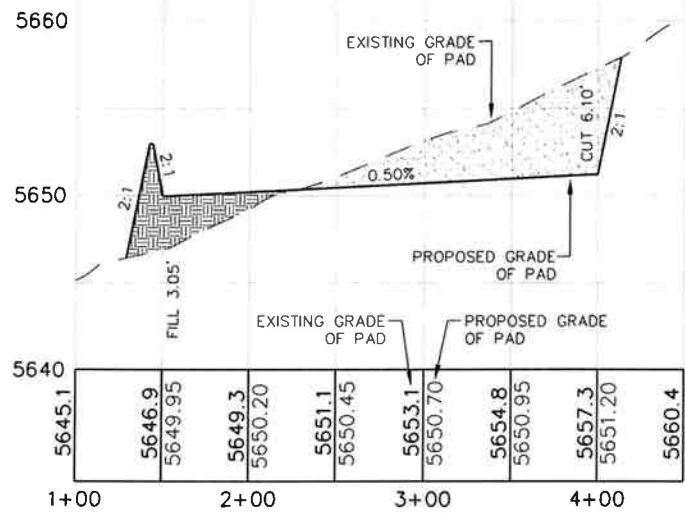
CROSS SECTION A-A

SCALE:
HOR 1"=100'
VERT 1"=10'



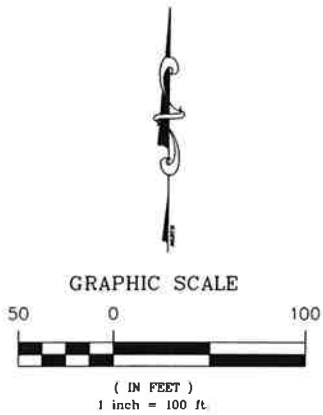
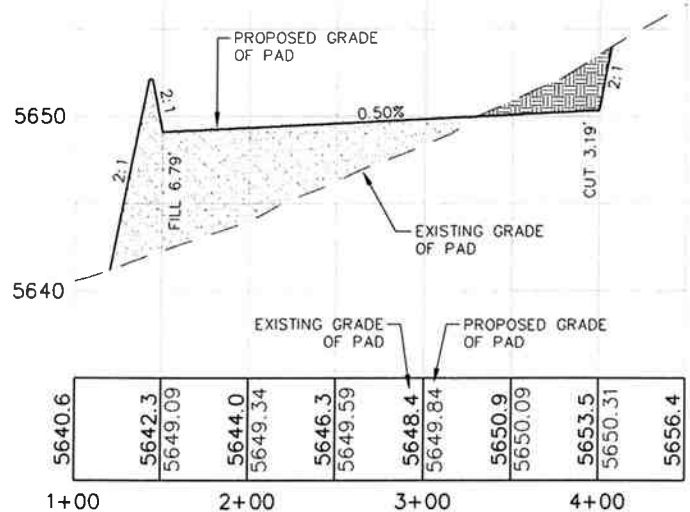
CROSS SECTION B-B

SCALE:
HOR 1"=100'
VERT 1"=10'



CROSS SECTION C-C

SCALE:
HOR 1"=100'
VERT 1"=10'



ESTIMATED EARTHWORK QUANTITIES			
ITEM	CUT	FILL	EXCESS
PAD	4,995	4,816	179
TOPSOIL	2,020		2,020
TOTAL	7,015	4,816	2,199

NOTES:

1. EARTHWORK QUANTITIES ARE UNADJUSTED. (COMPACTION NOT FACTORED)
2. ASSUMED 6" TOPSOIL FROM DISTURBED PAD I AREA.

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DRAWN BY: RPK	SCALE: 1" = 100'
CHECKED BY: FWH	PROJECT NO: 2051034
DATE: 12/28/09	PAGE: 6 OF 13
FILE: PAD I PACKET WELL I - 10	

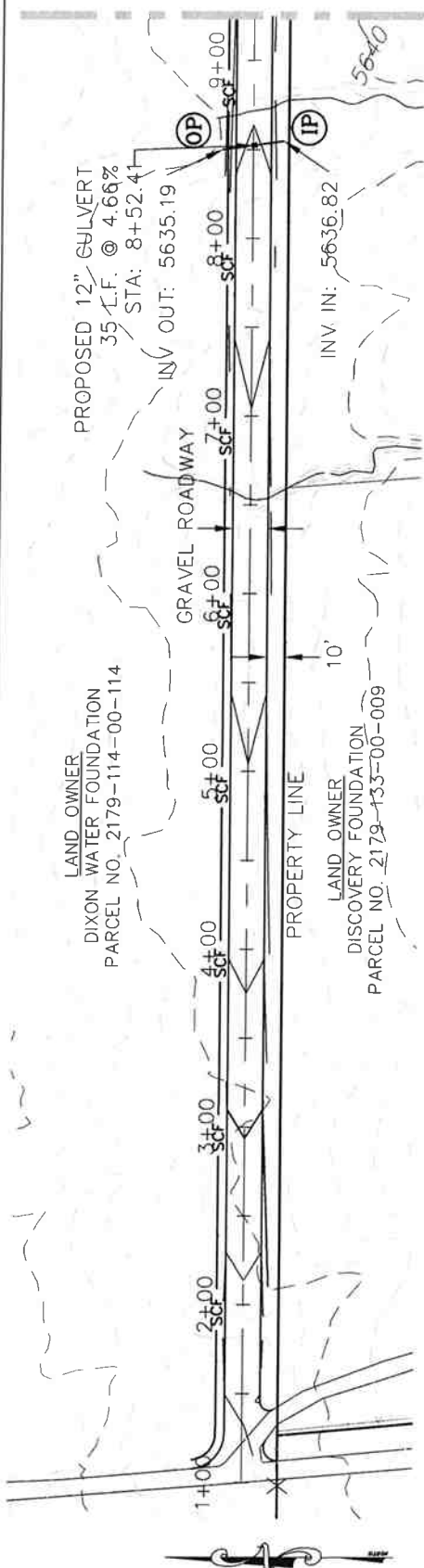
**WELL LOCATION PLAT
PREPARED FOR:**



**ANTERO
RESOURCES**

VALLEY FARMS PAD I
DRILL PAD CROSS SECTIONS

MATCHLINE - SHEET 9

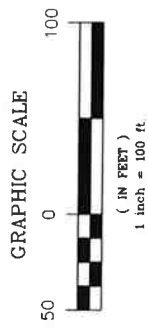


PAD I ACCESS ROAD - PLAN VIEW
STA: 1+00 - 9+00

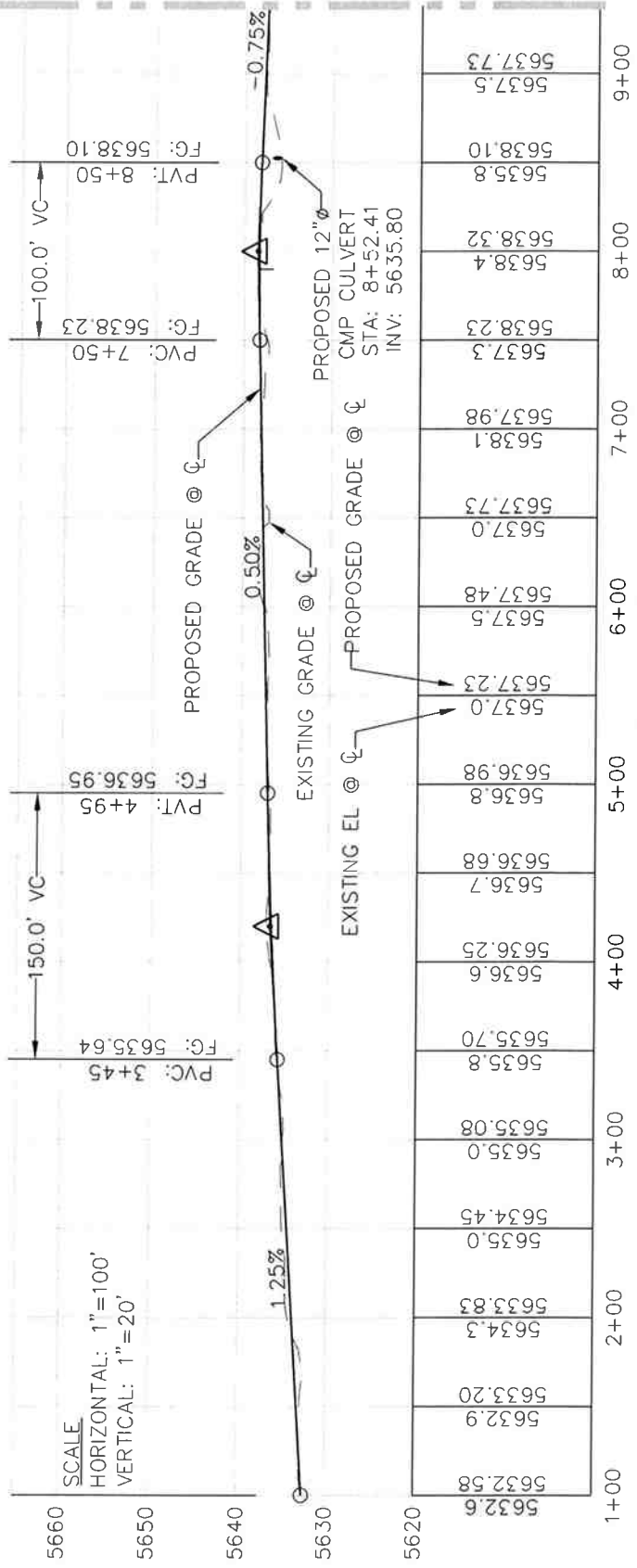
HIGH POINT ELEV = 5638.33
HIGH POINT STA = 7+90
PVI STA = 4+20
PVI ELEV = 5636.58
A.D. = -0.75
K = 200.00

NOTES

1. REFER TO SHEET 13 FOR BEST MANAGEMENT PRACTICES DETAILS.
2. REFER TO SHEET 13 FOR LEGEND.



MATCHLINE - SHEET 9



PAD I ACCESS ROAD - PROFILE VIEW
STA: 1+00 - 9+00

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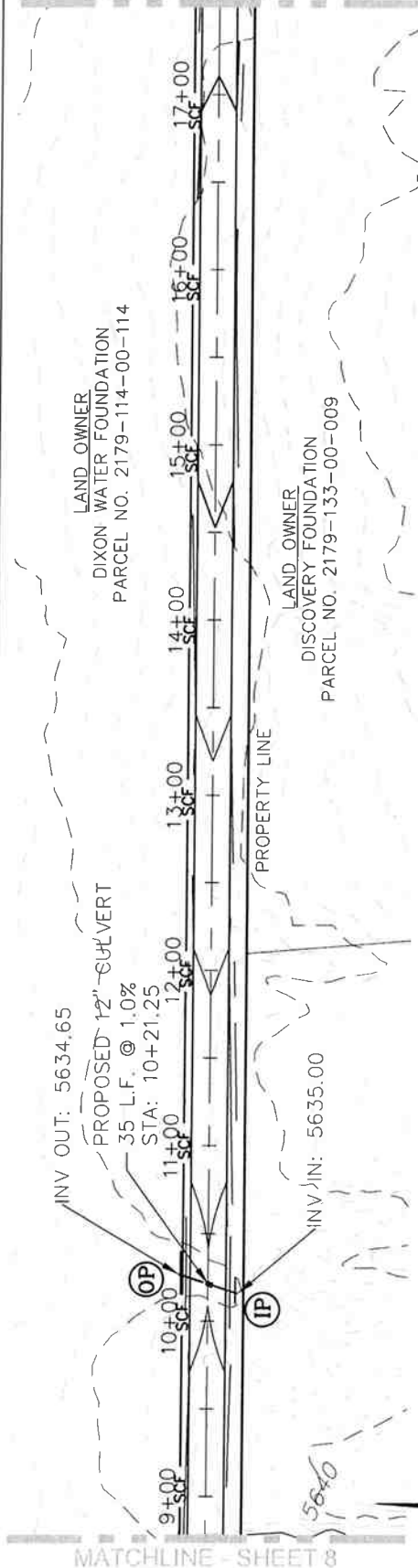
DRAWN BY: MGG	SCALE: 1" = 100'
CHECKED BY: TJS	PROJECT NO: 2051034
DATE: 12/28/09	PAGE: 8 OF 13
FILE: PAD I PACKET WELL I - 10	

WELL LOCATION PLAN PREPARED FOR:



ANTERO RESOURCES

VALLEY FARMS PAD I
PAD I ACCESS ROAD PLAN & PROFILE
STA: 1+00 - 9+00



LAND OWNER
DIXON WATER FOUNDATION
PARCEL NO. 2179-114-00-114

LAND OWNER
DISCOVERY FOUNDATION
PARCEL NO. 2179-133-00-009

PROPERTY LINE

INV OUT: 5634.65
PROPOSED 12" CULVERT
35 L.F. @ 1.0%
STA: 10+21.25

INV IN: 5635.00

13

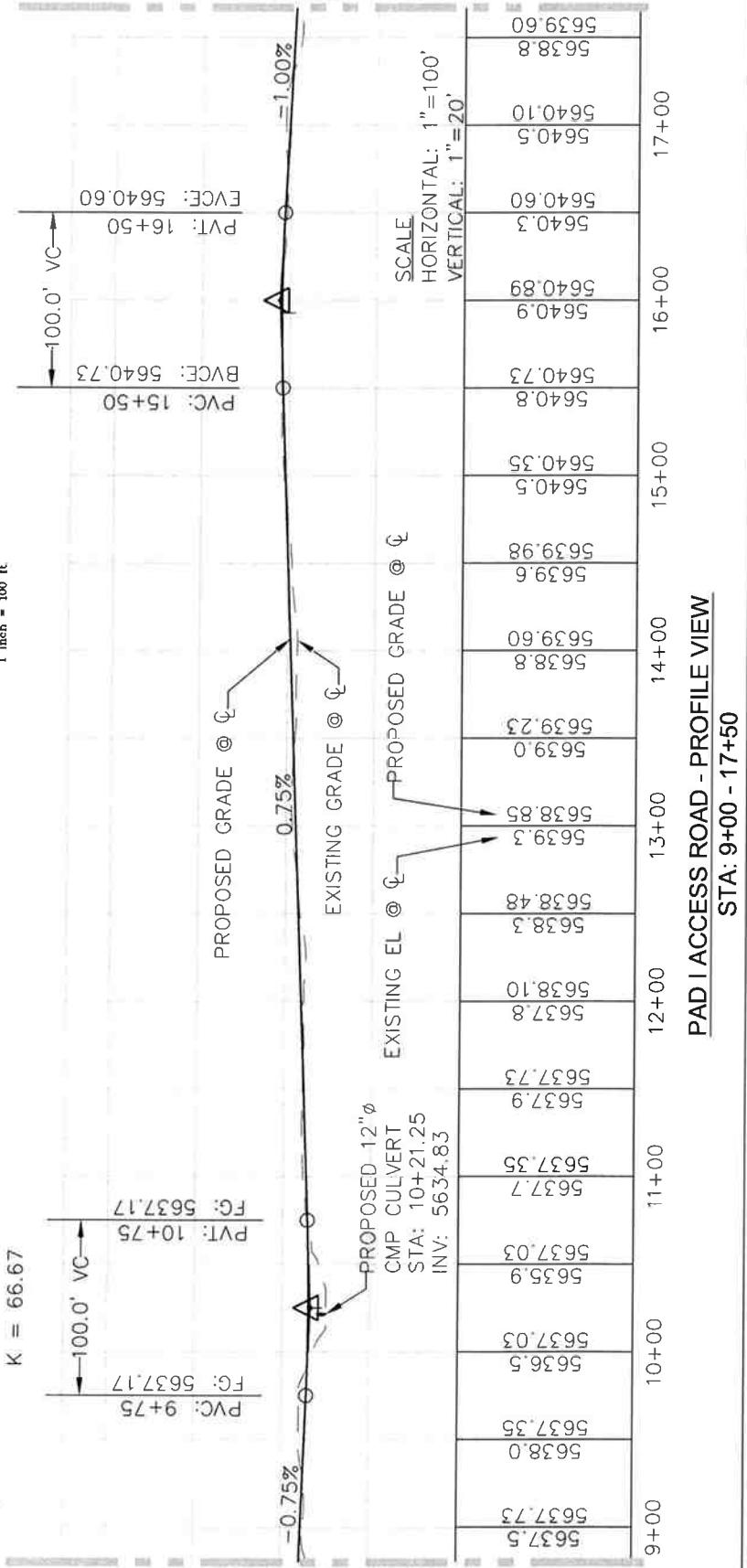
LOW POINT ELEV = 5636.98
LOW POINT STA = 10+25
PVI STA = 10+25
PVI ELEV = 5636.79
A.D. = 1:50
K = 66.67

HIGH POINT ELEV = 5640.89
HIGH POINT STA = 15+92.86
PVI STA = 16+00
PVI ELEV = 5641.10
A.D. = -1.75
K = 57.14

GRAPHIC SCALE
0 50 100
(IN FEET)
1 inch = 100 ft

NOTES
1. REFER TO SHEET 13 FOR BEST MANAGEMENT PRACTICES DETAILS.
2. REFER TO SHEET 13 FOR LEGEND.

PAD I ACCESS ROAD - PLAN VIEW
STA: 9+00 - 17+50



PROPOSED GRADE @ ϕ

EXISTING GRADE @ ϕ

PROPOSED 12" ϕ CMP CULVERT
STA: 10+21.25
INV: 5634.83

EXISTING EL @ ϕ

SCALE
HORIZONTAL: 1" = 100'
VERTICAL: 1" = 20'

PVC: 9+75
PVI: 10+25
PVT: 10+75
FG: 5637.17

BVC: 15+50
PVI: 16+50
EVC: 17+00

100.0' VC

100.0' VC

0.75%

0.75%

PAD I ACCESS ROAD - PROFILE VIEW
STA: 9+00 - 17+50


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FILE: PAD I PACKET WELL I - 10	

WELL LOCATION PLAN PREPARED FOR:

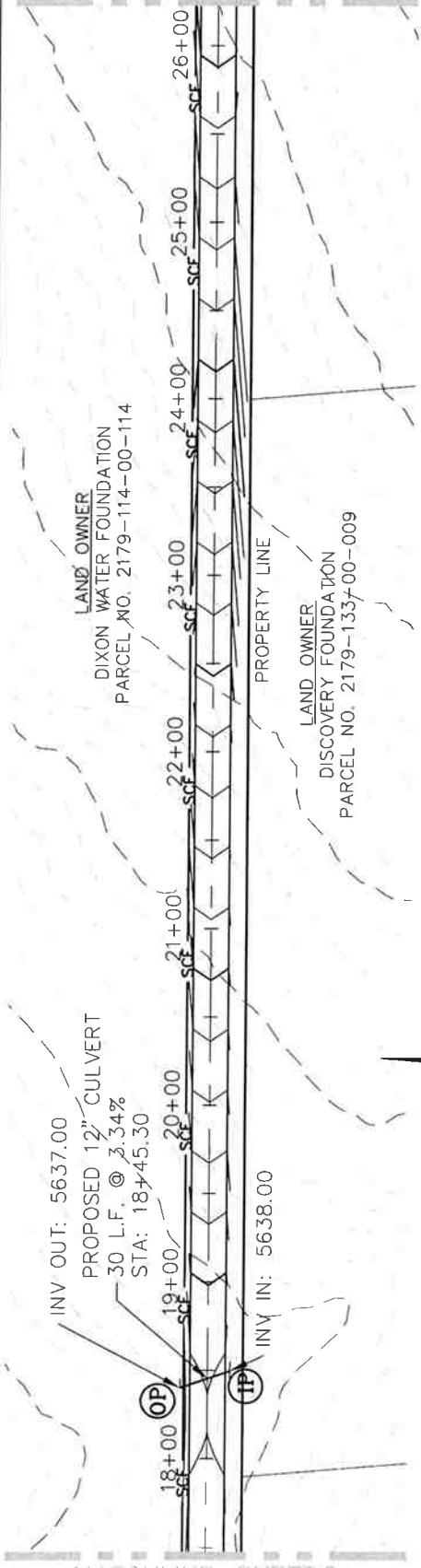


ANTERO RESOURCES

VALLEY FARMS PAD I
PAD I ACCESS ROAD PLAN & PROFILE
STA: 9+00 - 17+50

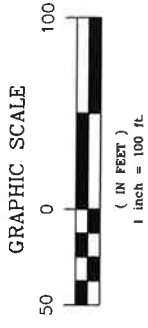
MATCHLINE - SHEET 11

MATCHLINE - SHEET 11

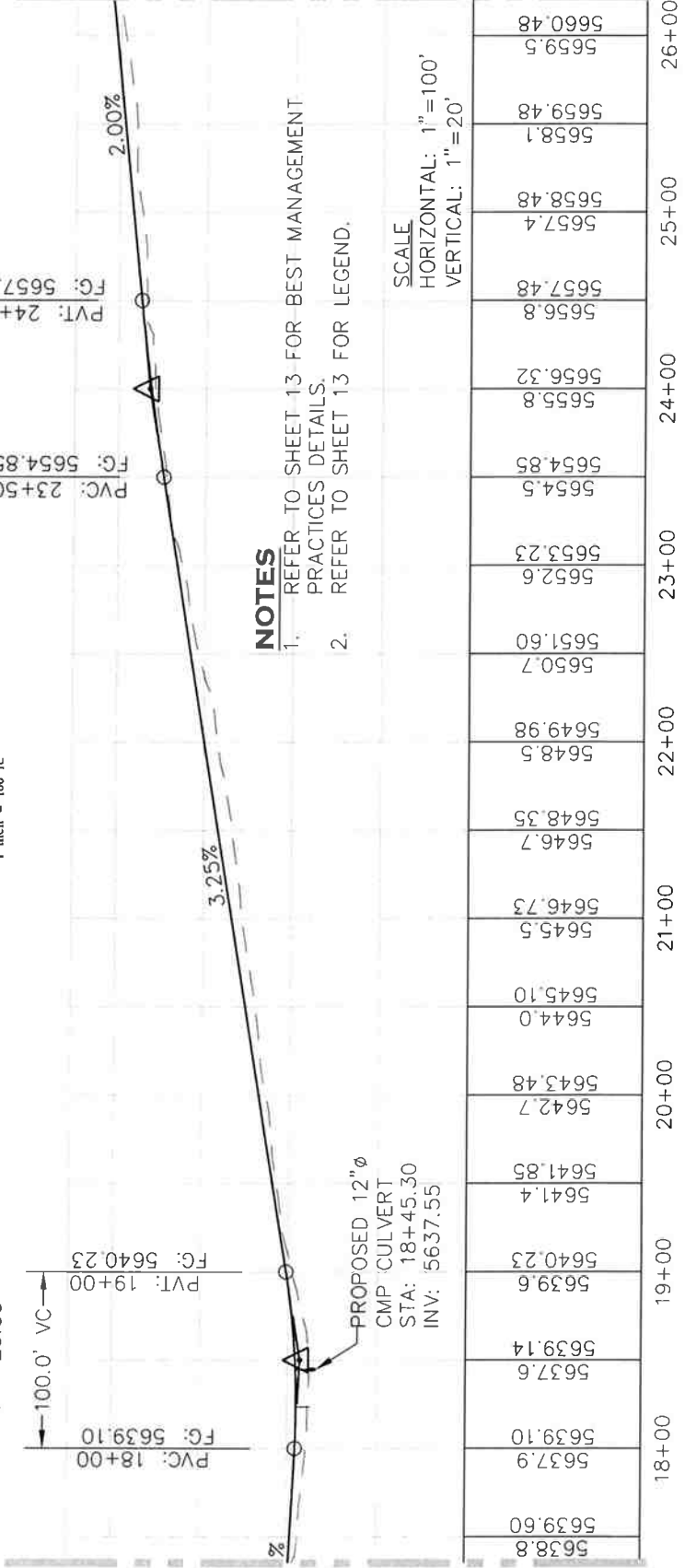
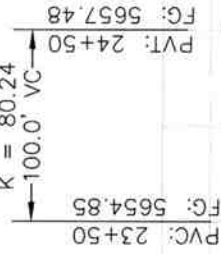


PAD I ACCESS ROAD - PLAN VIEW
STA: 17+50 - 26+00

LOW POINT ELEV = 5638.99
 LOW POINT STA = 18+23.53
 PVI STA = 18+50
 PVI ELEV = 5638.60
 A.D. = 4.25
 K = 23.53



PVI STA = 24+00
 PVI ELEV = 5656.48
 A.D. = -1.25
 K = 80.24



NOTES

1. REFER TO SHEET 13 FOR BEST MANAGEMENT PRACTICES DETAILS.
2. REFER TO SHEET 13 FOR LEGEND.

SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=20'

5638.8	18+00
5637.9	
5639.10	
5637.6	
5639.14	
5639.6	
5640.23	
5641.4	
5641.85	
5642.7	
5643.48	
5644.0	
5645.10	
5645.5	
5646.73	
5646.7	
5648.35	
5648.5	
5649.98	
5650.7	
5651.60	
5652.6	
5653.23	
5654.5	
5654.85	
5655.8	
5656.32	
5656.8	
5657.48	
5657.4	
5658.48	
5658.1	
5659.48	
5659.5	
5660.48	

PAD I ACCESS ROAD - PROFILE VIEW
STA: 17+50 - 26+00

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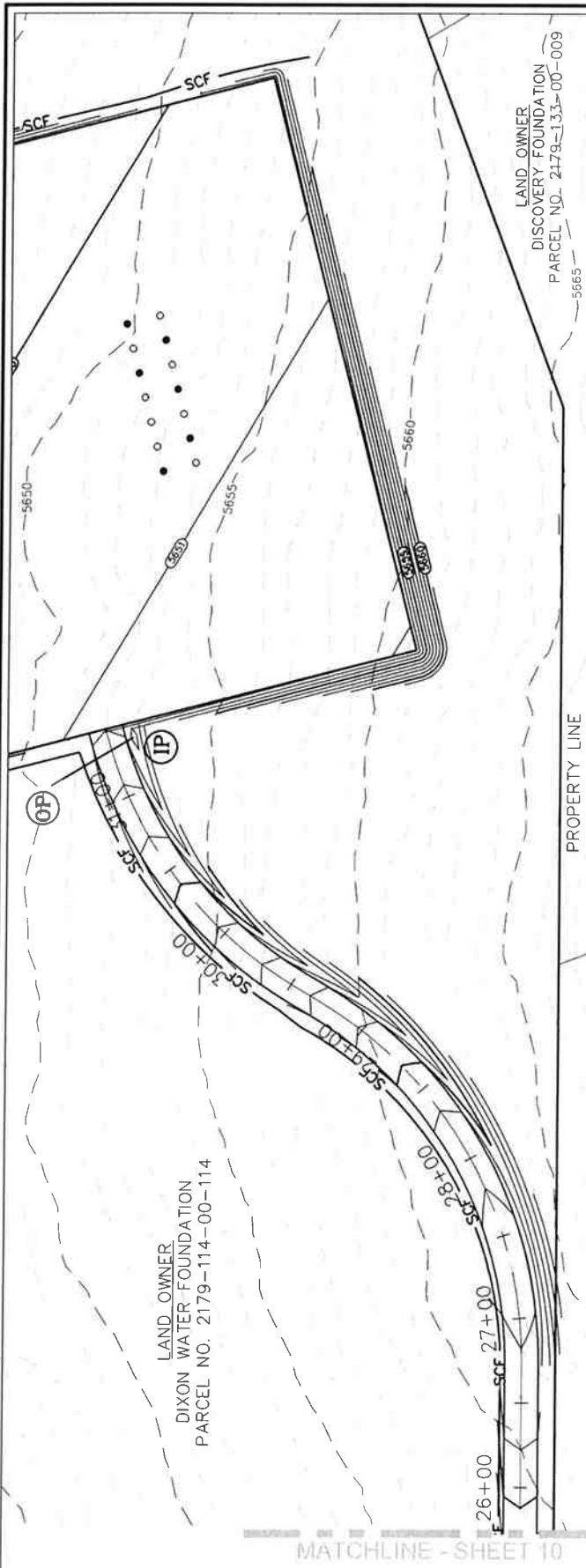


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CHECKED BY: TJS	PROJECT NO: 2051034
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FILE: PAD I PACKET WELL I - 10	

WELL LOCATION PLAT PREPARED FOR:  **ANTERO RESOURCES**

VALLEY FARMS PAD I
PAD I ACCESS ROAD PLAN & PROFILE
STA: 17+50 - 26+00



PAD I ACCESS ROAD - PLAN VIEW
STA: 26+00 - END

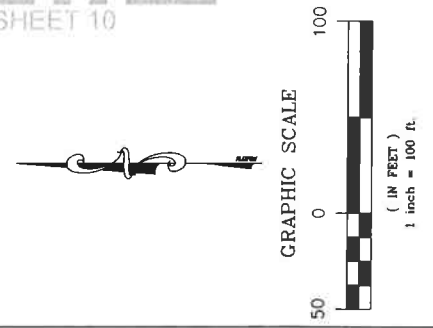
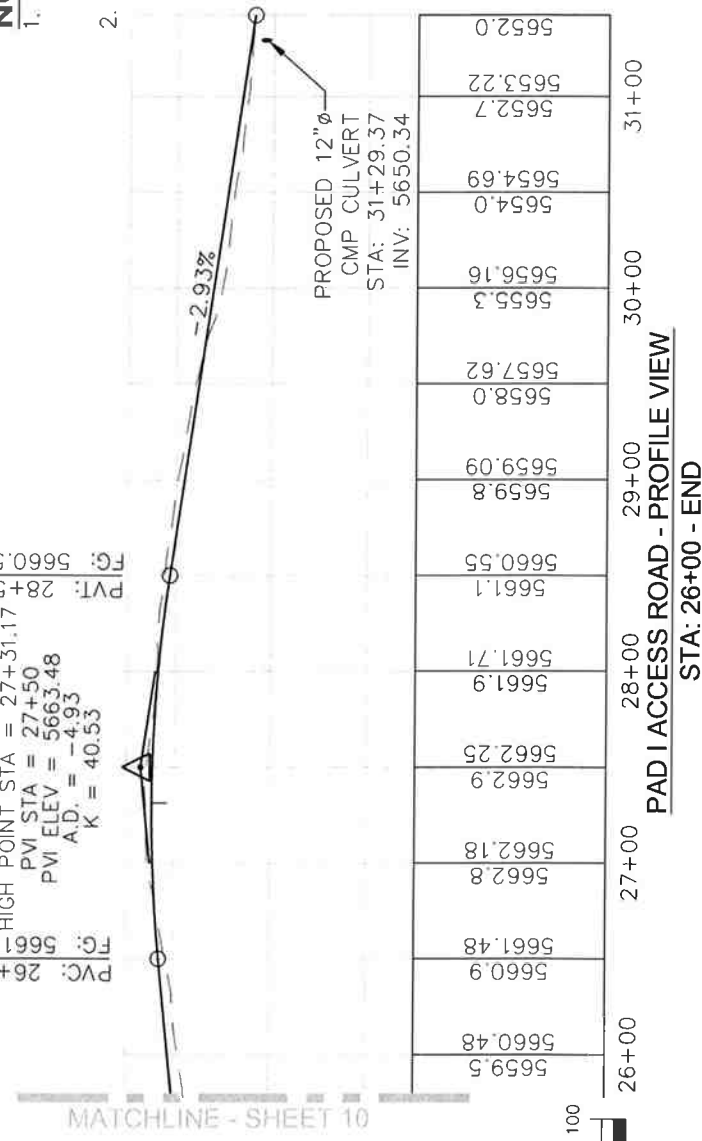
200.0' VC
 HIGH POINT ELEV = 5662.30
 HIGH POINT STA = 27+31.17
 PVI STA = 27+50
 PVI ELEV = 5663.48
 A.D. = -4.93
 K = 40.53

PVI: 28+50
 PVT: 28+50
 FG: 5660.55

PVC: 26+50
 PVI: 26+50
 FGI: 5661.48

- NOTES**
- REFER TO SHEET 13 FOR BEST MANAGEMENT PRACTICES DETAILS.
 - REFER TO SHEET 13 FOR LEGEND.

SCALE
 HORIZONTAL: 1"=100'
 VERTICAL: 1"=20'



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CHECKED BY: TJS	PROJECT NO: 2051034
DATE: 12/28/09	PAGE: 11 OF 13
FILE: PAD I PACKET WELL I - 10	

WELL LOCATION PLAT PREPARED FOR:

ANTERO RESOURCES

VALLEY FARMS PAD I
 PAD I ACCESS ROAD PLAN & PROFILE
 STA: 26+00 - END