

Summit HOA Project	
Existing Culvert	
Plan View	

Drawing By:	Hamad Alajmi
Date:	05/05/14
Scale:	1" = 20'



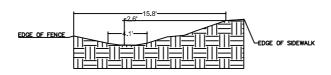
Northern Arizona University

Department of Civil Engineering, Construction Management, and Environmental Engineering

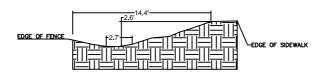


## Existing Channel

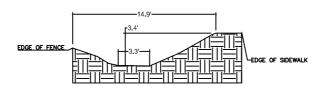
STA 0+90



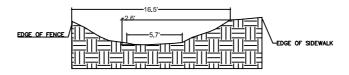
STA 1+09



STA 2+15



STA 2+55



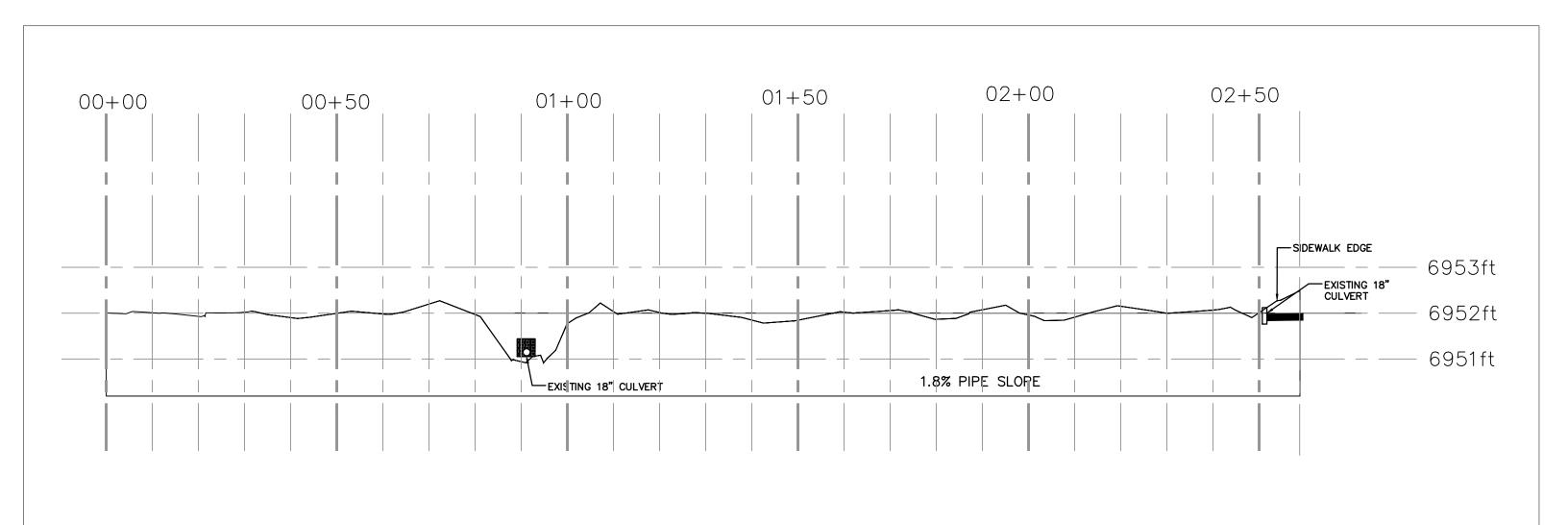
Summit HOA Project
Existing Culvert
Cross Sections

Drawing By:	Hamad Alajmi
Date:	05/05/14
Scale:	1" = 10'



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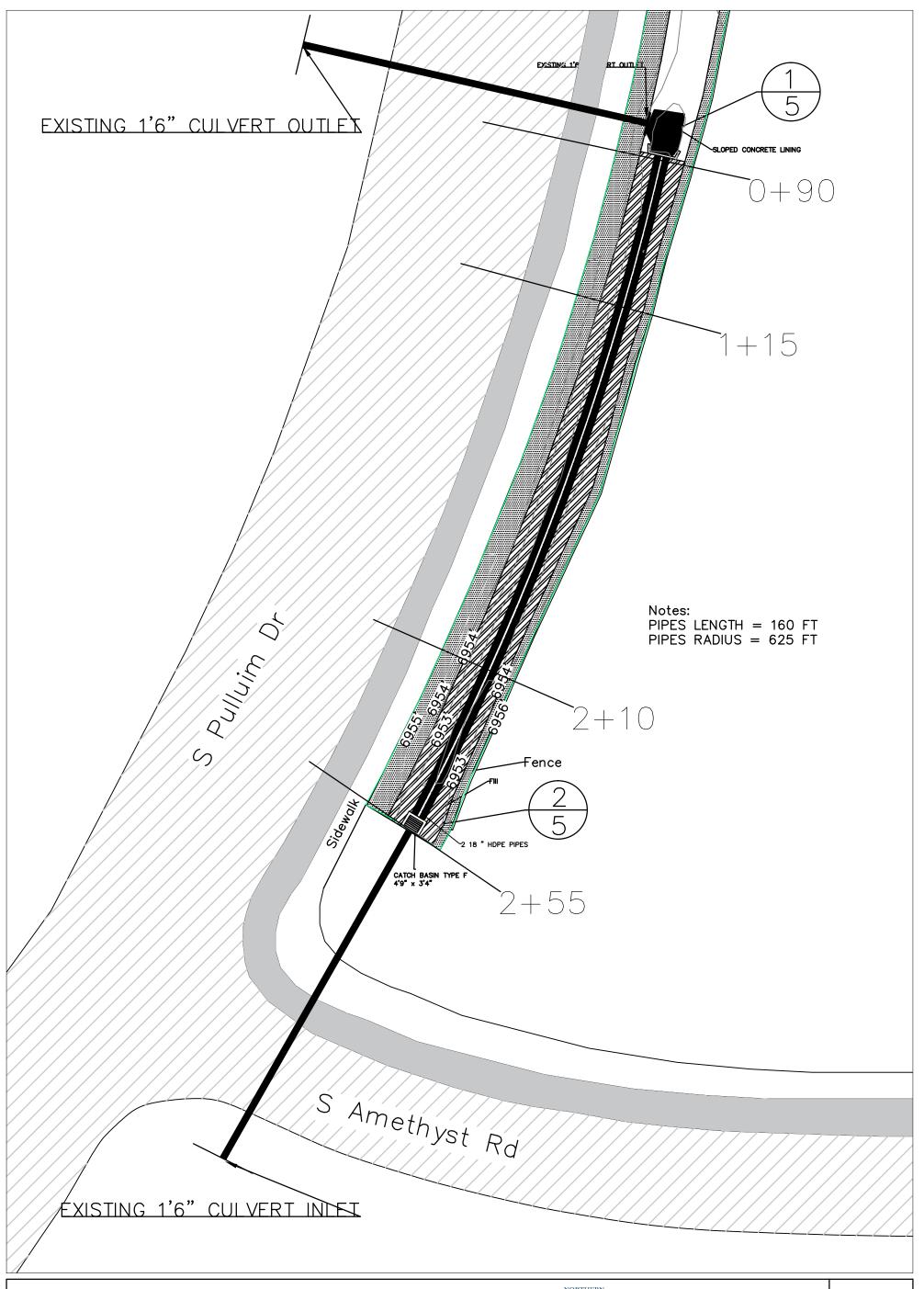


Summit HOA Project	
Existing Culvert	
Profile View	

Drawing By:	Hamad Alajmi
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Scale:	1" = 20'







Summit HOA Project	
Culvert Design	
Plan View	

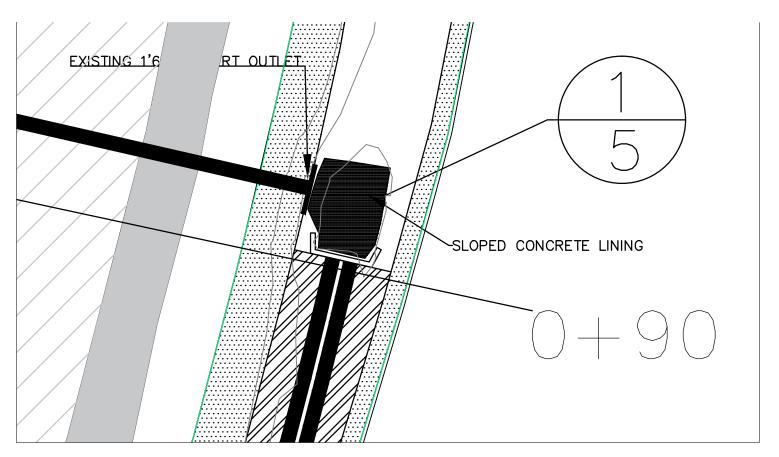
Drawing By:	Fatemah Husain
Date:	05/05/14
Scale:	1" = 20'

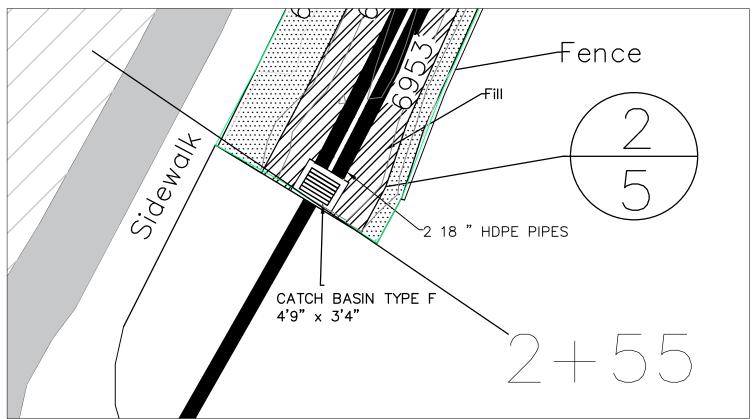


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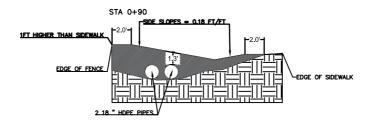
Summit HOA Project	
Culvert Design	
Details	

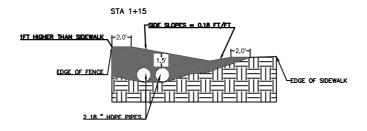
Drawing By:	Fatemah Husain
Date:	05/05/14
Scale:	1" = 10'



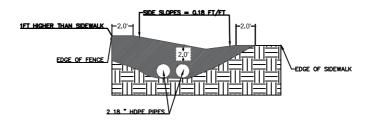


## Culvert Design

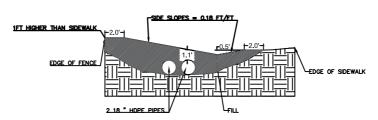




STA 2+15



STA 2+55



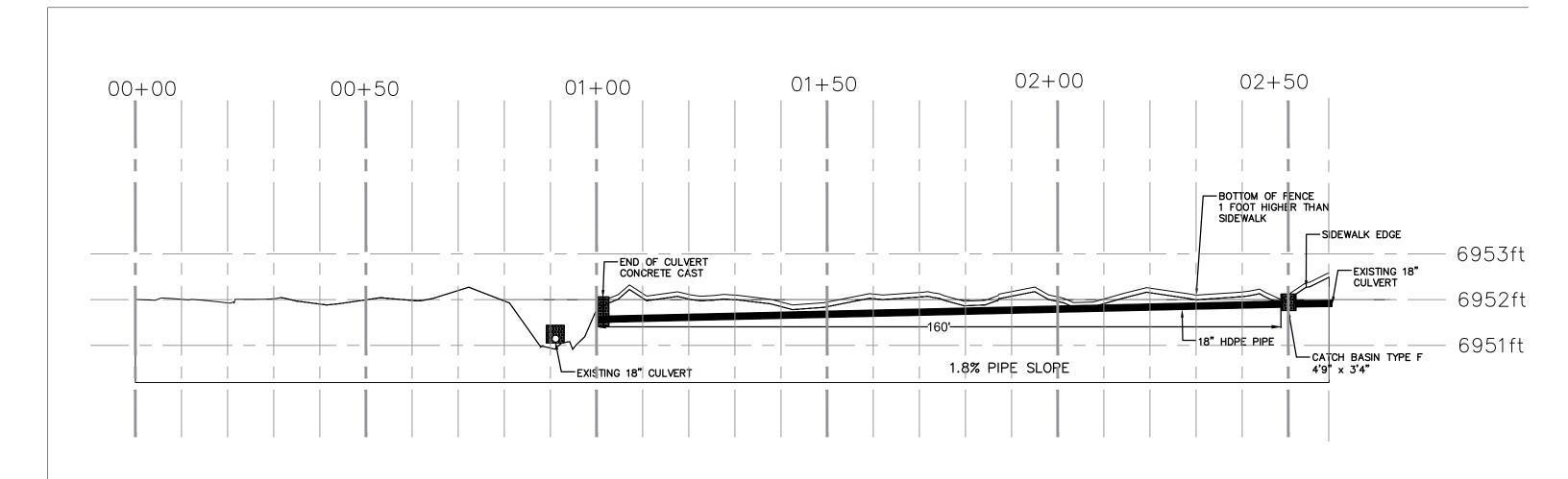
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Cross Sections

Drawing By:	Fatemah Husain
Date:	05/05/14
Scale:	1" = 10'



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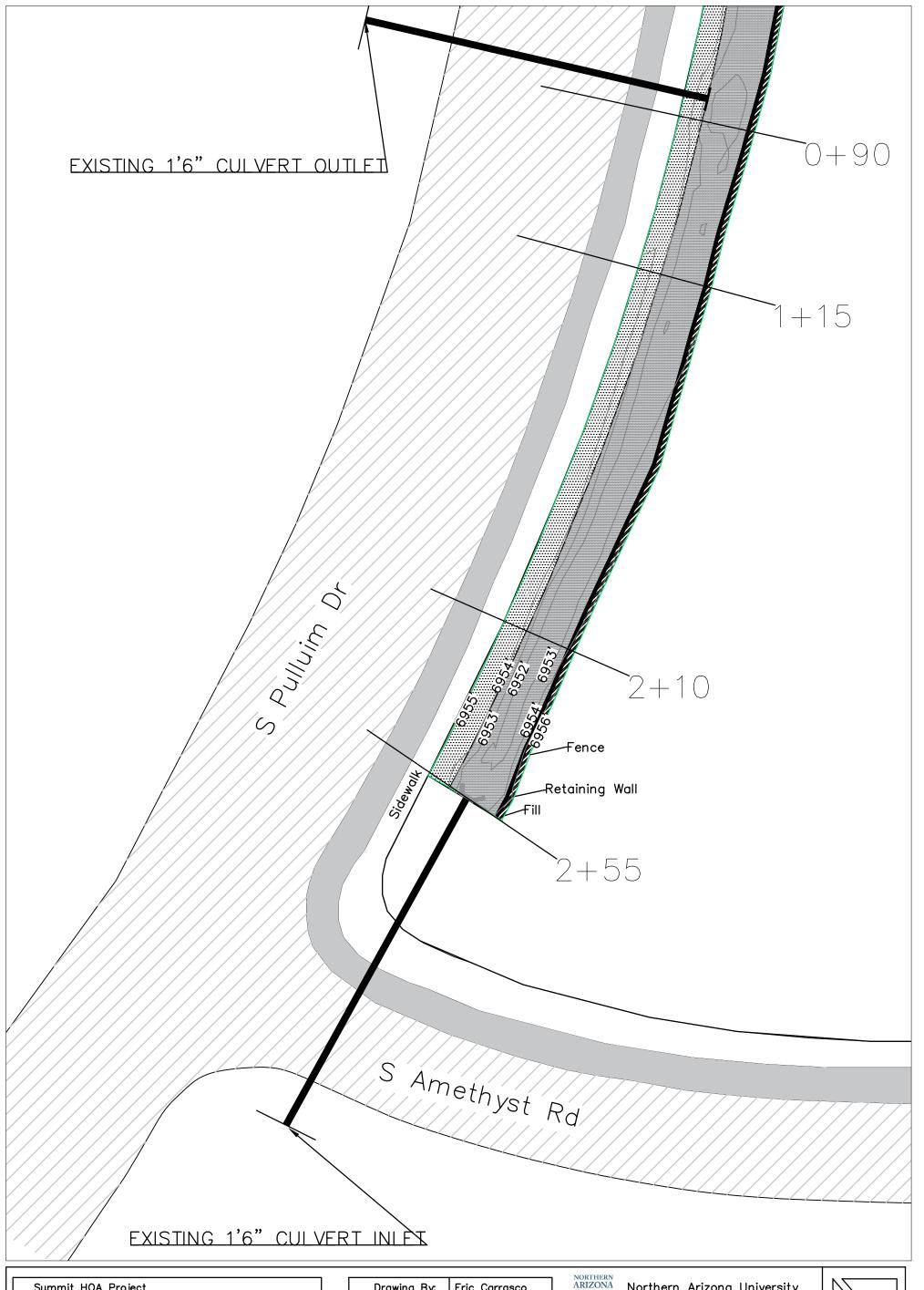


Summit HOA Project
Culvert Design
Profile View

Drawing By:	Fatemah Husain
Date:	05/05/14
Scale:	1" = 20'







Summit HOA Project	
Retaining Wall Design	
Plan View	

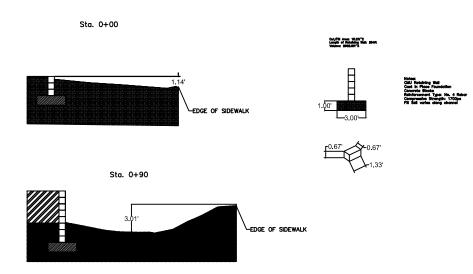
Drawing By:	Eric Carrasco
Date:	05/05/14
Scale:	1" = 20'

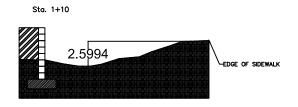


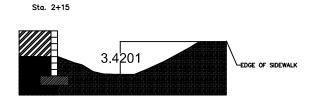


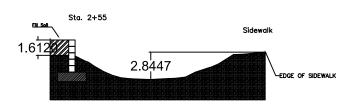


## Retaining Wall Design







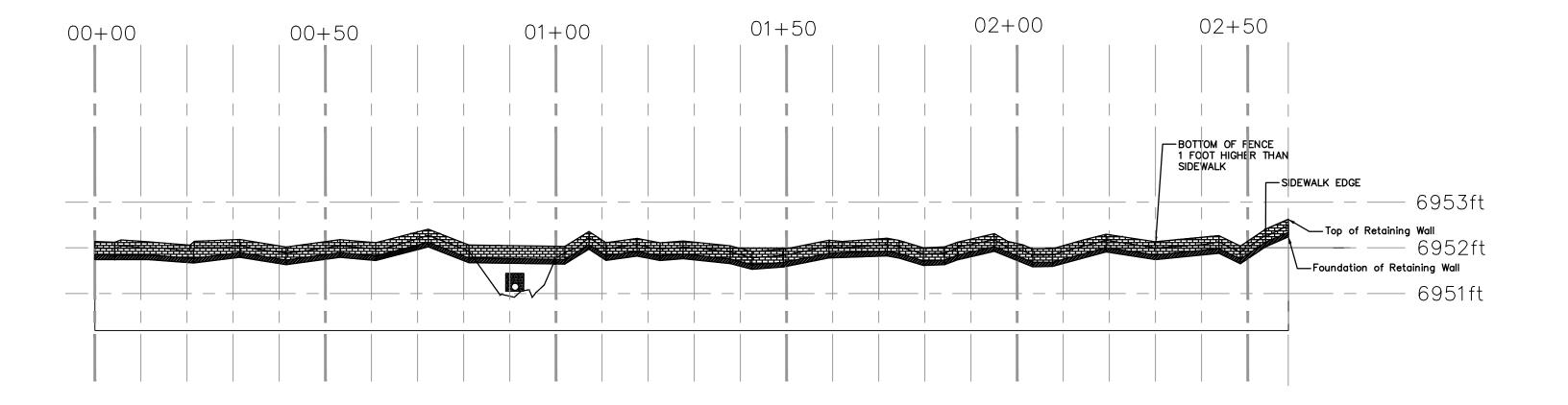


Summit HOA	Proje	ct
Retaining	Wall	Design
Cross Sections		

Drawing By:	Eric Carrasco
Date:	05/05/14
Scale:	1" = 10'







Ī	Summit HOA Project
	Retaining Wall Design
	Profile View

Drawing By:	Eric Carrasco
Date:	05/05/14
Scale:	1" = 20'



