



Designed:	EEC
Drawn:	EEC
Checked:	MLR
Edit:	1-11-2018

Title:	50014 - NRCS DAM 5 SITE AERIAL VIEW
Filepath:	P:\A637 Hays County TX Low Water Crossing System\AutoCADAS BUILT\NRCS DAMS\50014 - DAM 5\50014 - DAM 5.dwg

Scale:	NOT TO SCALE
Copy:	AS BUILT

Project No:	A637
Drawing:	1



DAM	ELEVATION (FT AMSL)	ABOVE PT (FT)	LOCATION
Dam 5	604.1	-0.4	Base of Primary Spillway
	604.51	0.0	Pressure Transducer Stop Bolt
	604.6	0.1	Slide Gate Invert
	610.85	6.3	TBM1: Top of Box Conduit
	616.2	11.7	Primary Spillway Port Invert (Lowest Ungated Outlet)
	618.1	13.6	Principal Spillway Crest
	650.8	46.3	Emergency Spillway Crest
	668.5	64.0	Top of Dam



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Title:	50014 - NRCS DAM 5 CONDUIT DETAIL #1
Filepath:	P:\A637 Hays County TX Low Water Crossing System\AutoCAD\AS BUILT\NRCS DAMS\50014 - DAM 5\50014 - DAM 5.dwg

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Project No:	A637
Drawing:	2



Backfilled Conduit Trench



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Title:	50014 - NRCS DAM 5 CONDUIT DETAIL #2
Filepath:	P:\A637 Hays County TX Low Water Crossing System\AutoCAD\AS BUILT\NRCS DAMS\50014 - DAM 5\50014 - DAM 5.dwg

Scale:	NOT TO SCALE
Copy:	AS BUILT

Project No:	A637
Drawing:	3



DAM	ELEVATION (FT AMSL)	ABOVE PT (FT)	LOCATION
Dam 5	604.1	-0.4	Base of Primary Spillway
	604.51	0.0	Pressure Transducer Stop Bolt
	604.6	0.1	Slide Gate Invert
	610.85	6.3	TBM1: Top of Box Conduit
	616.2	11.7	Primary Spillway Port Invert (Lowest Ungated Outlet)
	618.1	13.6	Principal Spillway Crest
	650.8	46.3	Emergency Spillway Crest
	668.5	64.0	Top of Dam

DAM	ELEVATION (FT AMSL)	ABOVE PT (FT)	LOCATION
Dam 5	604.1	-0.4	Base of Primary Spillway
	604.51	0.0	Pressure Transducer Stop Bolt
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	616.2	11.7	Primary Spillway Port Invert (Lowest Ungated Outlet)
	618.1	13.6	Principal Spillway Crest
	650.8	46.3	Emergency Spillway Crest
	668.5	64.0	Top of Dam

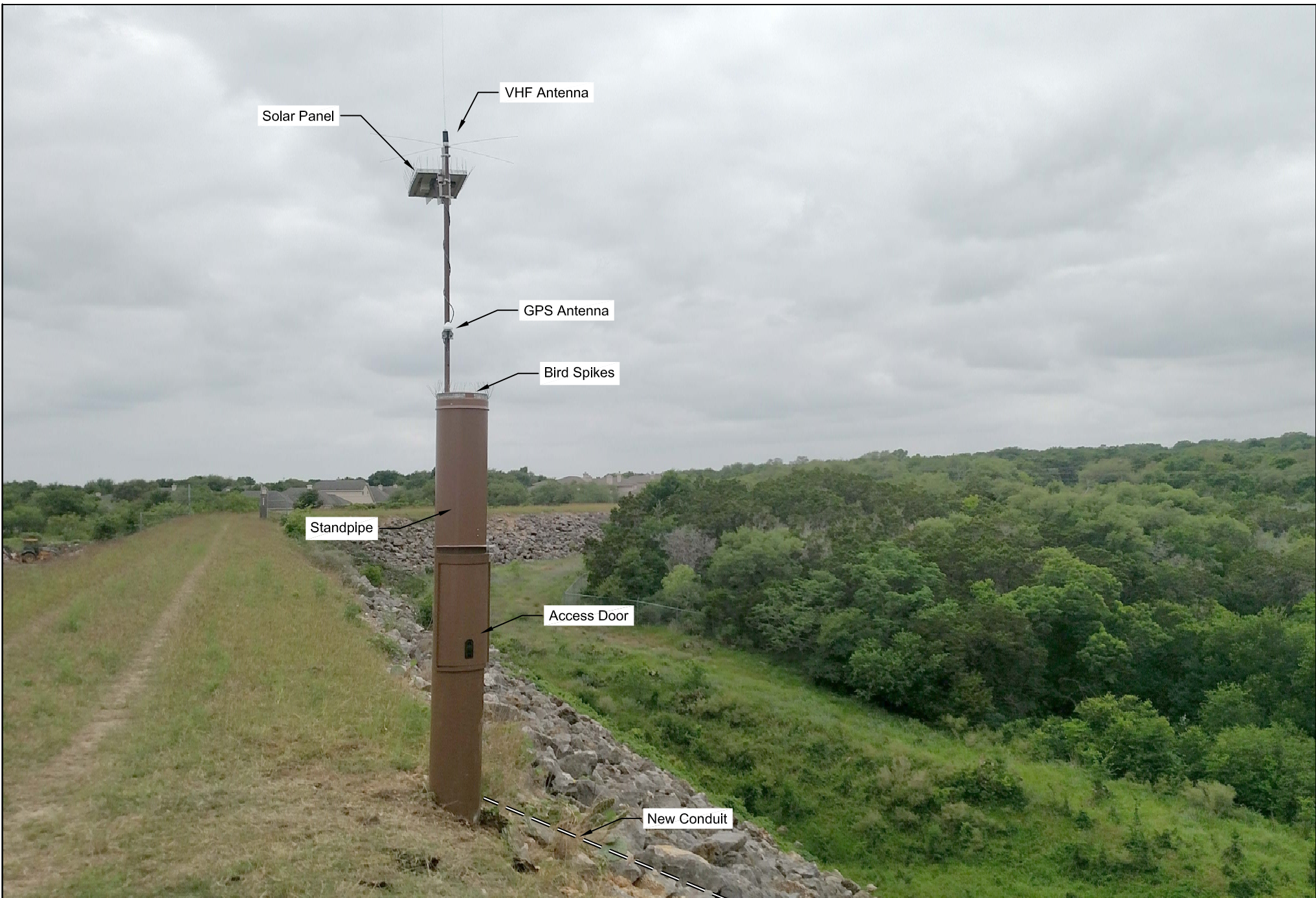


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Title:	50014 - NRCS DAM 5 RISER PIPE DETAIL
Filepath:	P:\A637 Hays County TX Low Water Crossing System\AutoCADAS BUILT\NRCS DAMS\50014 - DAM 5\50014 - DAM 5.dwg

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Project No:	A637
Drawing:	5

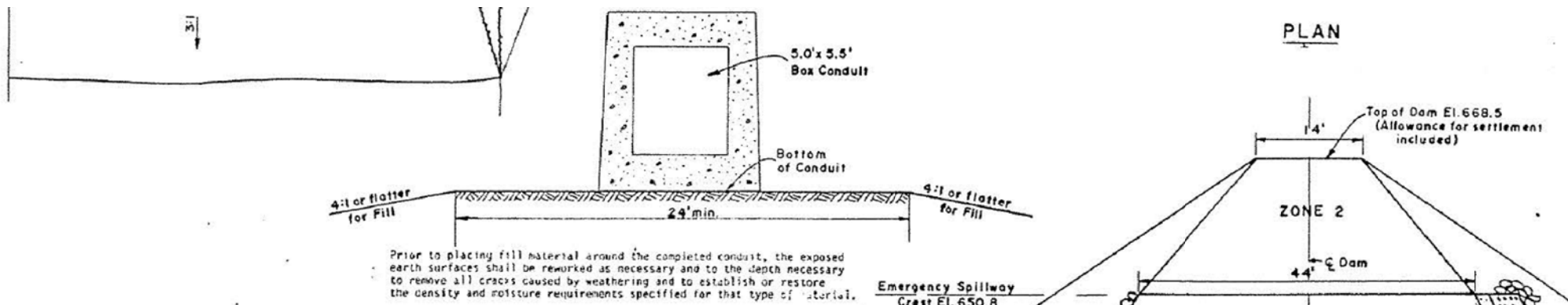


Designed:	EEC
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Title:	50014 - NRCS DAM 5 STANDPIPE DETAIL
Filepath:	P:\A637 Hays County TX Low Water Crossing System\AutoCAD\AS BUILT\NRCS DAMS\50014 - DAM 5\50014 - DAM 5.dwg

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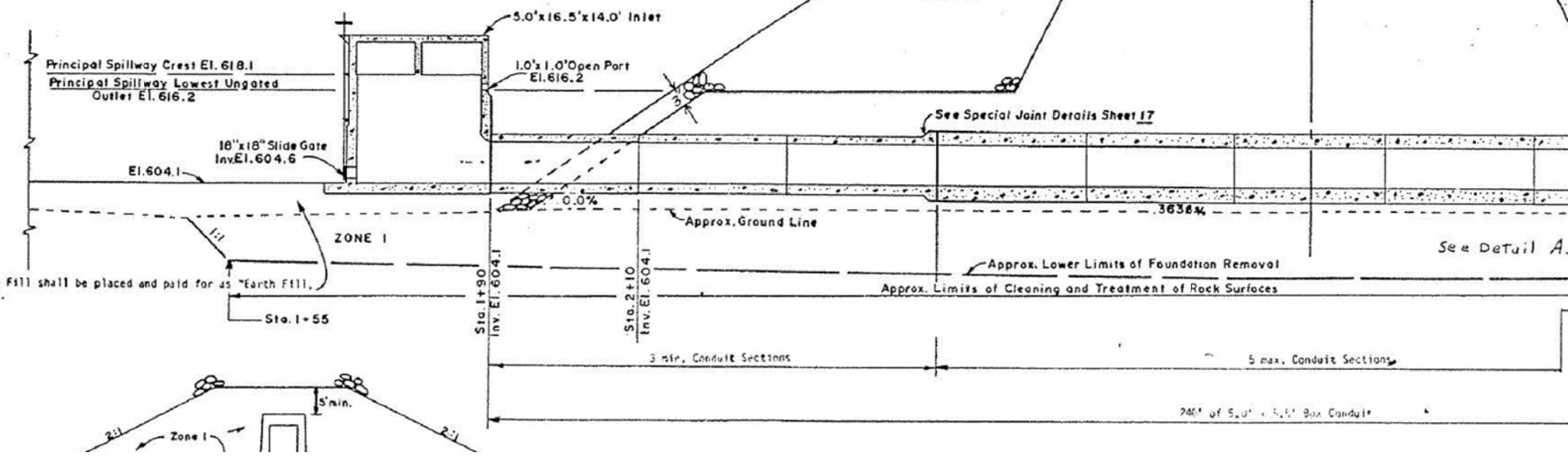
Project No:	A637
Drawing:	6



Prior to placing fill material around the completed conduit, the exposed earth surfaces shall be reworked as necessary and to the depth necessary to remove all cracks caused by weathering and to establish or restore the density and moisture requirements specified for that type of material.

**TYPICAL CONDUIT FOUNDATION**

**NOTE:** Foundation removal and cleaning and treatment of rock surfaces shall include the area under the principal spillway inlet. The removal under the principal spillway inlet shall have a minimum bottom width of 40 feet and 1:1 side slopes.



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Title: 50014 - NRCS DAM 5  
 NRCS ELEVATIONS DRAWING  
 Filepath: P:\A637 Hays County TX Low Water Crossing System\AutoCAD\AS BUILT\NRCS DAMS\50014 - DAM 5\50014 - DAM 5.dwg

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Project No: A637  
 Drawing: 7