

## **APPENDIX E — ELEVATION CERTIFICATE HOLDINGS OF DEWBERRY AND URS**

The first part of APPENDIX E documents the Elevation Certificate holdings of Dewberry. These holdings are in digital format and therefore could be extracted into an elevation registry with minimal effort.

The second part of APPENDIX E documents the Elevation Certificate holdings of URS. These holdings are hardcopy certificates that would need to be digitized for import into an elevation registry.

## APPENDIX E — ELEVATION CERTIFICATE HOLDINGS OF DEWBERRY AND URS

### SOFTCOPY ELEVATION CERTIFICATE HOLDINGS OF DEWBERRY

Database or Dataset Name			Method of Data Collection	Date of Data Collection		Data Availability			Data Quality			Elevation Information			
						Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?	Top of Reference Floor?	Latitude and Longitude?	Other Elevation Data?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
PHOENIX CITY	AZ	09	Y	6/10/1997	7/8/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	700	Y	Y	Y	BFE, elevation floor, structure details
CARTERET COUNTY	NC	04	Y	6/10/1997	7/2/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	650	Y	Y	Y	BFE, elevation floor, structure details
ST. PETERSBURG BEACH CITY	FL	04	Y	6/28/1997	8/1/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	311	Y	Y	Y	BFE, elevation floor, structure details
FORT LAUDERDALE CITY	FL	04	Y	7/8/1997	7/30/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	717	Y	Y	Y	BFE, elevation floor, structure details
BOROUGH OF LINCOLN PARK	NJ	02	Y	6/4/1997	7/9/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	270	Y	Y	Y	BFE, elevation floor, structure details
WHEELING CITY	WV	03	Y	7/20/1997	7/21/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	414	Y	Y	Y	BFE, elevation floor, structure details
COHASSET TOWN	MA	01	Y	6/10/1997	7/17/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	104	Y	Y	Y	BFE, elevation floor, structure details
MYRTLE BEACH CITY	SC	04	Y	7/6/1997	8/1/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	161	Y	Y	Y	BFE, elevation floor, structure details
NIAGARA TOWN	NY	02	Y	6/14/1997	6/30/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	97	Y	Y	Y	BFE, elevation floor, structure details
COUNCIL BLUFFS CITY	IA	07	Y	6/20/1997	7/21/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	346	Y	Y	Y	BFE, elevation floor, structure details
LANE COUNTY	OR	10	Y	7/14/1997	7/14/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	582	Y	Y	Y	BFE, elevation floor, structure details
PETAL CITY	MS	04	Y	5/31/1997	6/3/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	92	Y	Y	Y	BFE, elevation floor, structure details
OMAHA CITY	NE	07	Y	6/16/1997	8/19/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	443	Y	Y	Y	BFE, elevation floor, structure details

Database or Dataset Name						Data Availability			Data Quality			Elevation Information			
						Method of Data Collection	Date of Data Collection		Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
SANTA CRUZ CITY	CA	09	Y	6/12/1997	6/23/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	258	Y	Y	Y	BFE, elevation floor, structure details
JEFFERSON PARISH	LA	06	Y	6/15/1997	7/9/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	870	Y	Y	Y	BFE, elevation floor, structure details
GARLAND CITY	TX	06	Y	6/5/1997	7/3/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	151	Y	Y	Y	BFE, elevation floor, structure details
SACRAMENTO COUNTY	CA	09	Y	6/20/1997	6/20/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	87	Y	Y	Y	BFE, elevation floor, structure details
NEW SMYRNA BEACH CITY	FL	04	Y	7/6/1997	7/8/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	173	Y	Y	Y	BFE, elevation floor, structure details
LOUISVILLE / JEFFERSON	KY	04	Y		8/27/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	1236	Y	Y	Y	BFE, elevation floor, structure details
EDENTON TOWN	NC	04	Y	5/31/1997	6/11/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	68	Y	Y	Y	BFE, elevation floor, structure details
MARLINTON TOWN	WV	03	Y	8/25/1997	8/25/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	159	Y	Y	Y	BFE, elevation floor, structure details
SHREVEPORT CITY	LA	06	Y	6/4/1997	6/4/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	105	Y	Y	Y	BFE, elevation floor, structure details
LEAGUE CITY	TX	06	Y	6/11/1997	7/8/1997	DATABASE (DBF FILE)	Y	Y	Y	Pre FIRM structures in SFHA	89	Y	Y	Y	BFE, elevation floor, structure details
HORRY COUNTY	SC	04	Y		3/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	207	Y		Y	BFE, elevation floor
PRINCE GEORGE'S COUNTY	MD	03	Y		6/28/2002	DATABASE (DBF FILE)	Y	Y	Y	Selected structures in SFHA	762	Y	Y	Y	BFE, elevation floor, structure details
HARFORD COUNTY	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	3	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
QUEEN ANNES COUNTY	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	3	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details

Database or Dataset Name						Data Availability			Data Quality			Elevation Information			
						Method of Data Collection	Date of Data Collection		Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
CECIL COUNTY	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	26			Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
FEDERALSBURG, CAROLINE COUNTY	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	4			Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
GREAT MILLS, ST MARYS COUNTY	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	29	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
GREENSBORO, CAROLINE COUNTY	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	5	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
KENT COUNTY, MD	MD	03	Y		6/27/2000	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	14	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
CHARLOTTE, NC	NC	04	Y		3/27/1997	DATABASE (DBF FILE)	Y	Y	Y	All structures in SFHA	7	N		Y	BFE, elevation floor, structure details
CHARLOTTE, NC	NC	04	Y		3/27/1997	DATABASE (DBF FILE)	Y	Y	Y	All structures in SFHA	1952	N		Y	BFE, elevation floor, structure details
MECKLENBURG COUNTY	NC	04	Y		3/27/1997	DATABASE (DBF FILE)	Y	Y	Y	All structures in SFHA	207	N		Y	BFE, elevation floor, structure details
MECKLENBURG COUNTY	NC	04	Y		3/27/1997	DATABASE (DBF FILE)	Y	Y	Y	All structures in SFHA	13	N		Y	BFE, elevation floor, structure details
MECKLENBURG COUNTY	NC	04	Y		3/27/1997	DATABASE (DBF FILE)	Y	Y	Y	All structures in SFHA	18	N		Y	BFE, elevation floor, structure details
NORTH TOPSAIL BEACH	NC	04	Y		3/3/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	1898	Y		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
GRIFTON, LENOIR	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	11	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
KINSTON, LENOIR	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	37	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
ROCKYMOUNT, NASH	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	36	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details

Database or Dataset Name						Data Availability			Data Quality			Elevation Information			
						Method of Data Collection	Date of Data Collection		Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
NASHVILLE, NASH	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	10	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
RED OAK, NASH	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	4	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
GREENVILLE, PITT	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	33	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
WILSON, WILSON	NC	04	Y		3/12/1997	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	17	N		Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
ROANOKE CITY, ROANOKE 651	VA	03	Y		3/12/2001	DATABASE (DBF FILE)	Y	Y	Y	Selected structures in SFHA	651	Y		Y	BFE, elevation floor, structure details
ROANOKE COUNTY, ROANOKE 420	VA	03	Y		3/12/2001	DATABASE (DBF FILE)	Y	Y	Y	Selected structures in SFHA	420	Y		Y	BFE, elevation floor, structure details
SALEM, ROANOKE 369	VA	03	Y		3/12/2001	DATABASE (DBF FILE)	Y	Y	Y	Selected structures in SFHA	369	Y		Y	BFE, elevation floor, structure details
VINTON, ROANOKE 55	VA	03	Y		3/12/2001	DATABASE (DBF FILE)	Y	Y	Y	Selected structures in SFHA	55	Y		Y	BFE, elevation floor, structure details
ALDERSON TOWN, GREENBRIER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	258	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
CALDWELL, GREENBRIER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	21	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
CRYSTAL SPRINGS, RANDOLPH	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	44	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
FORT SPRINGS, GREENBRIER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	33	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
MARLINTON TOWN, POCAHONTAS	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	308	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
OCEANA, WYOMING	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	160	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details

Database or Dataset Name						Data Availability			Data Quality			Elevation Information			
						Method of Data Collection	Date of Data Collection		Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
SPORTSMANS PARADISE, BERKELEY	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	22	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
CASS, POCAHONTAS	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	27	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
DURBIN, POCAHONTAS	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	13	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
FRANK, POCAHONTAS	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	5	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
SEEBERT, POCAHONTAS	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	20	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
RONCEVERTE, GREENBRIER 12	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	12	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
RONCEVERTE, GREENBRIER 26	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	26	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
HAMBLETON, TUCKER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	11	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
HENDRICKS, TUCKER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	25	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
PARSONS, TUCKER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	134	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
ST. GEORGE, TUCKER	WV	03	Y		7/23/1996	DATABASE (DBF FILE)	Y	Y	Y	Damaged structures	10	Y	Y	Y	BFE, lowest floor elevation, estimation of depth of flooding, structure details
BOONE, NC	VA	03	Y		3/12/2001	DATABASE (DBF FILE)	Y	Y	Y	Selected structures in SFHA	378	Y		Y	BFE, lowest floor elevation, structure details
<b>DEWBERRY SUBTOTAL</b>											<b>16381</b>				

**HARDCOPY ELEVATION CERTIFICATE HOLDINGS OF URS**

Database or Dataset Name						Data Availability			Data Quality			Elevation Information			
Method of Data Collection			Date of Data Collection			Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?	Top of Reference Floor?	Latitude and Longitude?	Other Elevation Data?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
Database or Dataset Name						Data Availability			Data Acquisition			Elevation Information			
Method of Data Collection			Date of Data Collection			Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	HMTAP Surveys		Estimated number of structures in dataset	LAG included?	Top of Reference Floor?	Latitude and Longitude?	Other Elevation Data?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	TO #	Survey Firm					
CITY OF DANVILLE, TOWN OF SOUTH BOSTON	VA	03	Y	11/18/1996	12/31/1996	Hardcopy	N	Y	#126	G&O	14				
BARBOUR AND HARRISON COUNTIES	WV	03	Y	11/25/1996	12/31/1996	Hardcopy	N	Y	#129	G&O	172				
TUCKER, OHIO, MORGAN, GRANT, MINERAL, BERKELEY, SUMMERS, AND MONROE COUNTIES	WV	03	Y	11/25/1996	12/31/1996	Hardcopy	N	Y	#130	G&O	240				
HAMPSHIRE COUNTY	WV	03	Y	11/25/1996	12/31/1996	Hardcopy	N	Y	#131	G&O	80				
PAGE AND WARREN COUNTIES	WV	03	Y	1/27/1997	2/28/1997	Hardcopy	N	Y	#139	G&O	17				
GREENBRIER, SUMMERS, JEFFERSON, MONROE, MONOGALIA, UPSHUR, TUCKER, MINERAL, BARBOUR, RANDOLPH COUNTIES	WV	03	Y	1/24/1997	2/28/1997	Hardcopy	N	Y	#142	G&O	330				
SHENANDOAH AND ROCKINGHAM COUNTIES	VA	03	Y	2/1/1997	3/31/1997	Hardcopy	N	Y	#144	G&O	10				
CITY OF LEXINGTON, MADISON, GREEN & ROCKBRIDGE COUNTIES, TOWN OF GLASGOW	VA	03	Y	8/2/1995	9/30/1995	Hardcopy	N	Y	#32	Baker	750				
WYOMING, BEDFORD AND LYCOMING COUNTIES	PA	03	Y	2/21/1996	3/30/1996	Hardcopy	N	Y	#48	Baker	1050				
TUCKER, POCAHANTAS, GREENBRIER, RANDOLPH AND BERKELEY COUNTIES	WV	03	Y	6/20/1996	7/30/1996	Hardcopy	N	Y	#82	Dewberry	1060				
WYOMING COUNTY	WV	03	Y	6/20/1996	7/30/1996	Hardcopy	N	Y	#81	Dewberry	175				
SHENANDOAH COUNTY	VA	03	Y	10/7/1996	10/7/1996	Hardcopy	N	Y	#122	Baker	46				
HORRY COUNTY	SC	04	Y	12/27/1999	2/28/2000	Hardcopy	N	Y	#373	Dewberry	220				

Database or Dataset Name						Data Availability			Data Quality			Elevation Information			
Method of Data Collection			Date of Data Collection			Format/method of data storage/archiving	Ease of Extraction	Public or private dataset	How accurate are the data	How comprehensive are the data	Estimated number of structures in dataset	LAG included?	Top of Reference Floor?	Latitude and Longitude?	Other Elevation Data?
Community Name	STATE	REGION	GPS?	Start Date	End Date	Other	Minimal	Public domain	High Accuracy	Other					
TOWN OF NORTH TOPSAIL, ONSLOW COUNTY	NC	04	Y	10/7/1996	11/30/1996	Hardcopy	N	Y	#113	Dewberry	1000				
CITY OF HOISINGTON	KS	07	Y	5/7/2001	6/30/2001	Hardcopy	N	Y	#79	SKW	20				
RUSSIAN RIVER	CA	09	Y	5/3/1995	8/31/1995	Hardcopy	N	Y	#12	GRI	450				
<b>URS SUBTOTAL</b>											<b>5634</b>				
<b>MINUS DUPLICATES (DEWBERRY/URS)</b>											<b>2455</b>				
<b>TOTAL UNIQUE EC'S</b>											<b>19560</b>				