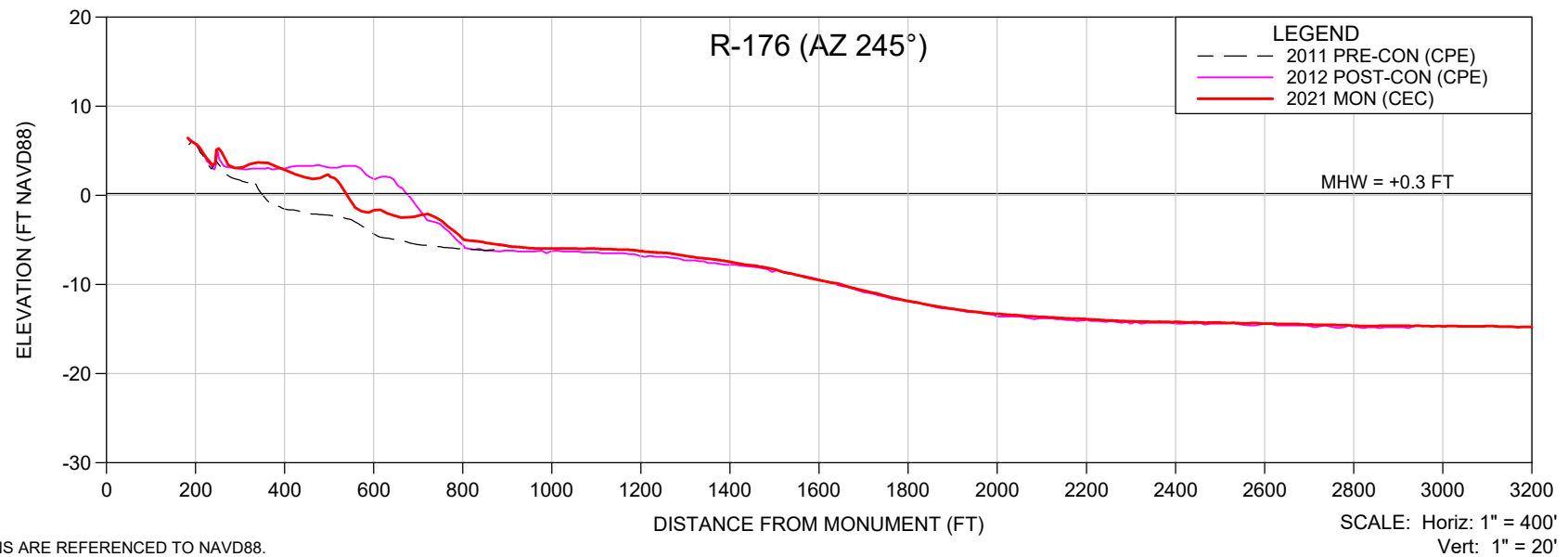
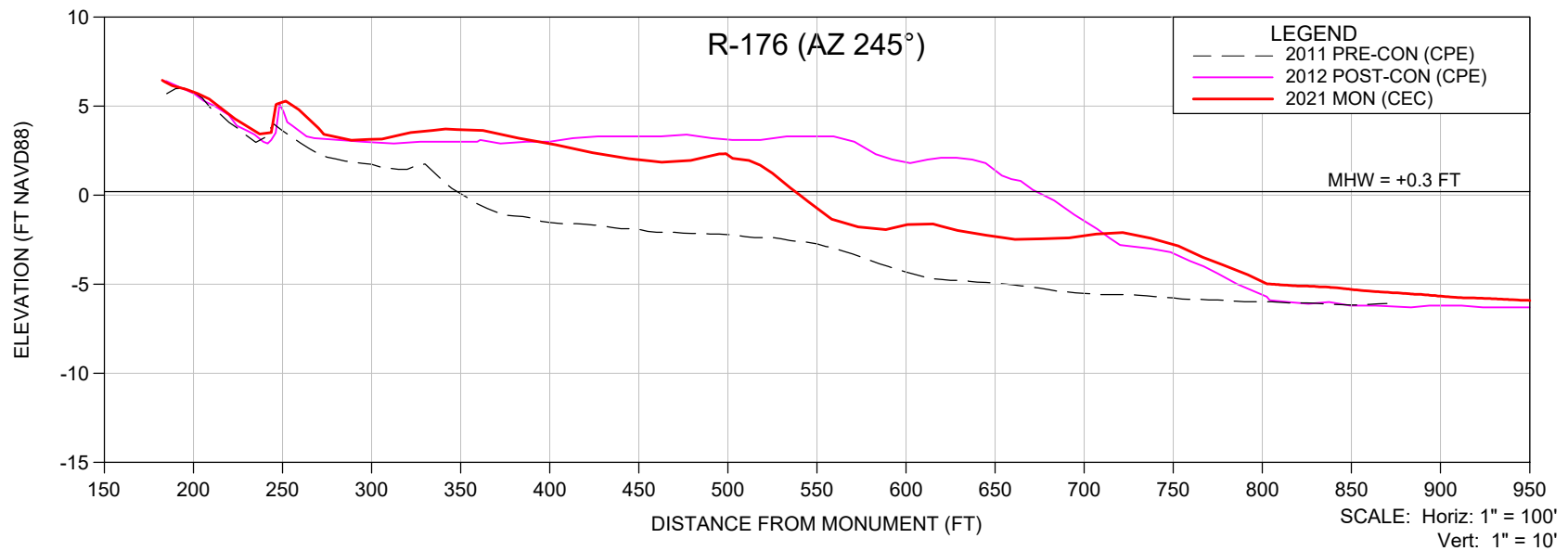




NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 5
FILE NO.: 21504-R-176 AZ245

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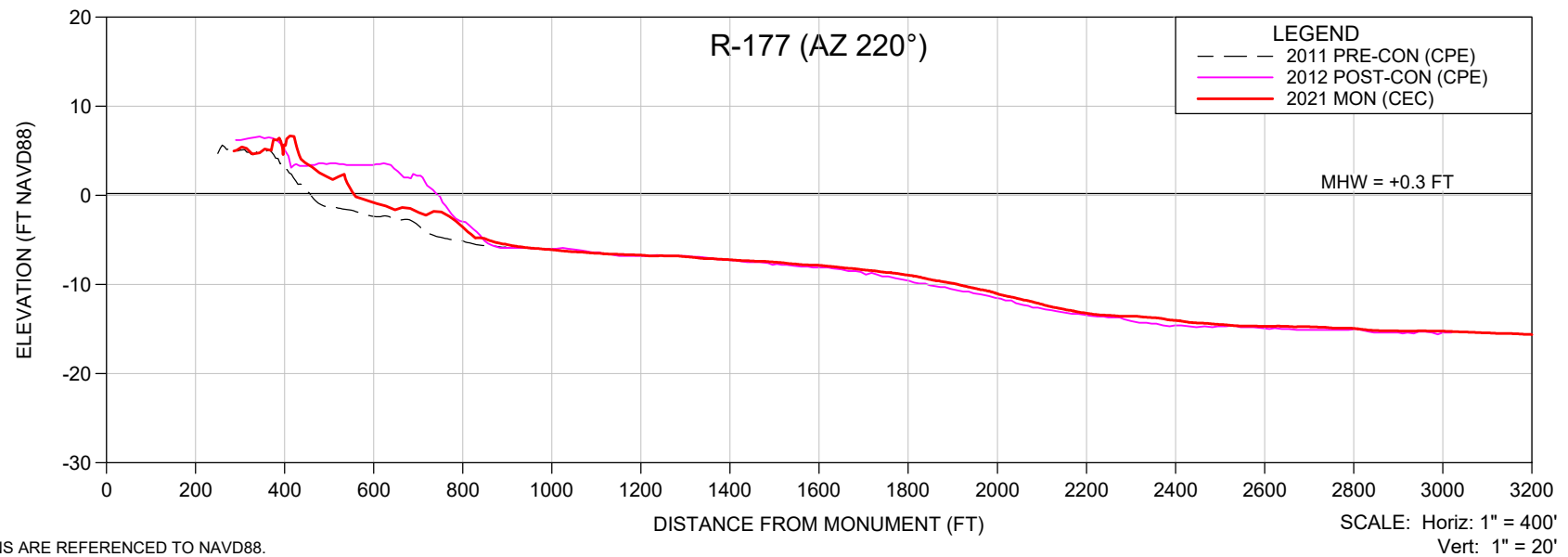
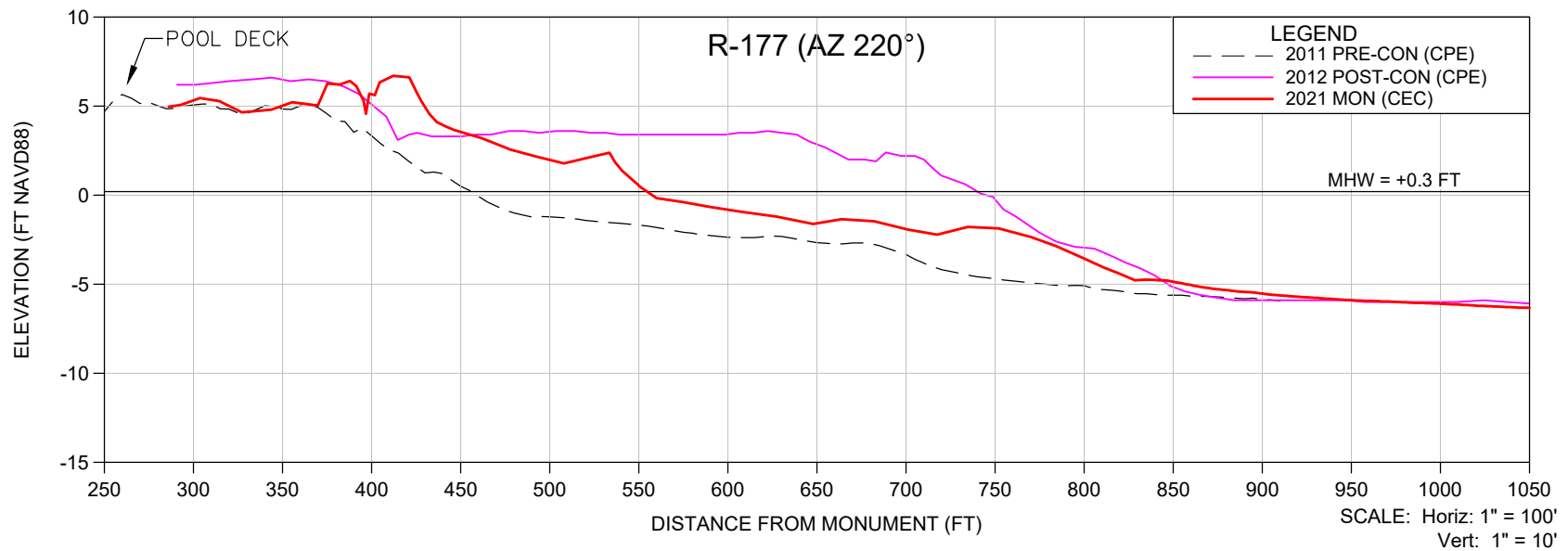
CLIENT:

LEE COUNTY

TITLE:

R-176 (AZ 245°) MONITORING SURVEY

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION



NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 6
FILE NO.: 21504-R-177 AZ245

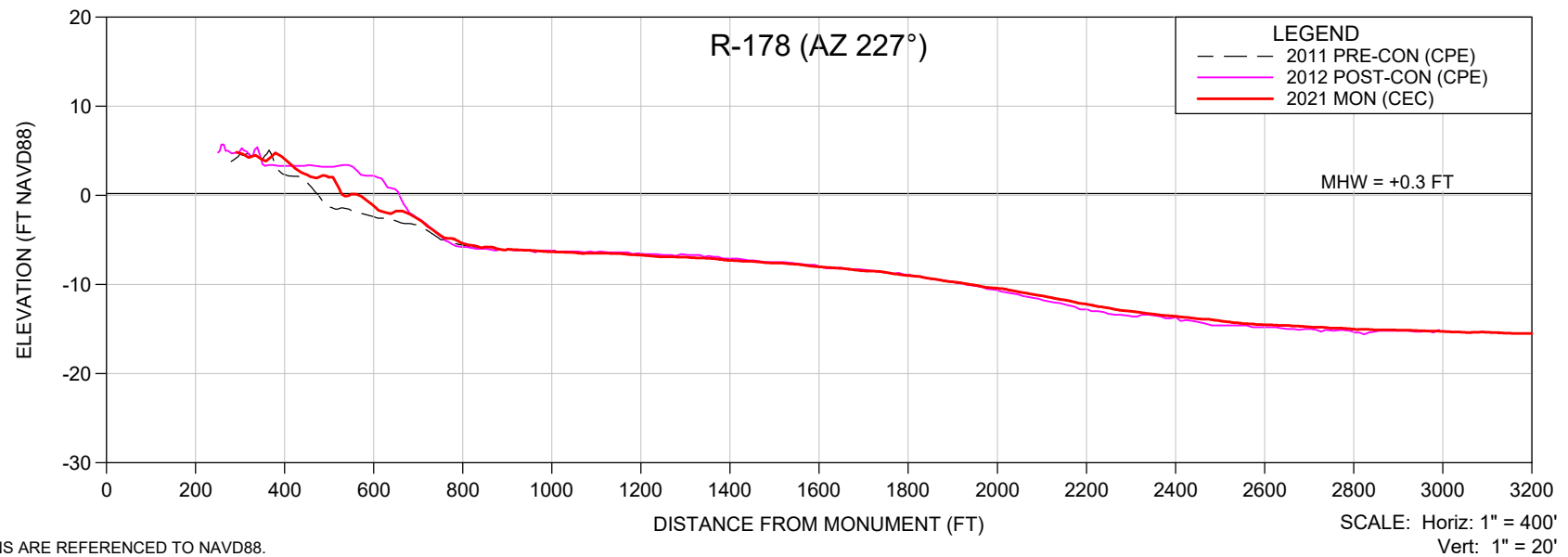
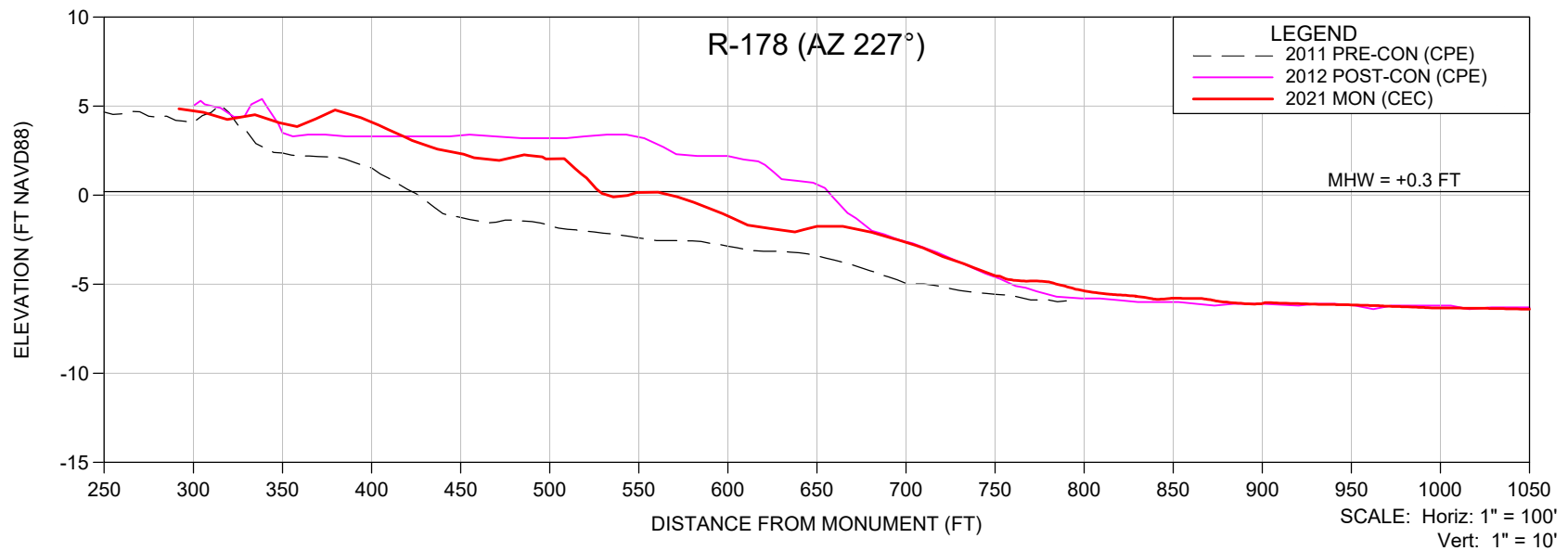
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CLIENT: **LEE COUNTY**
 TITLE: **R-177 (AZ 245°) MONITORING SURVEY**

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION



NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 7
FILE NO.: 21504-R-178 AZ227

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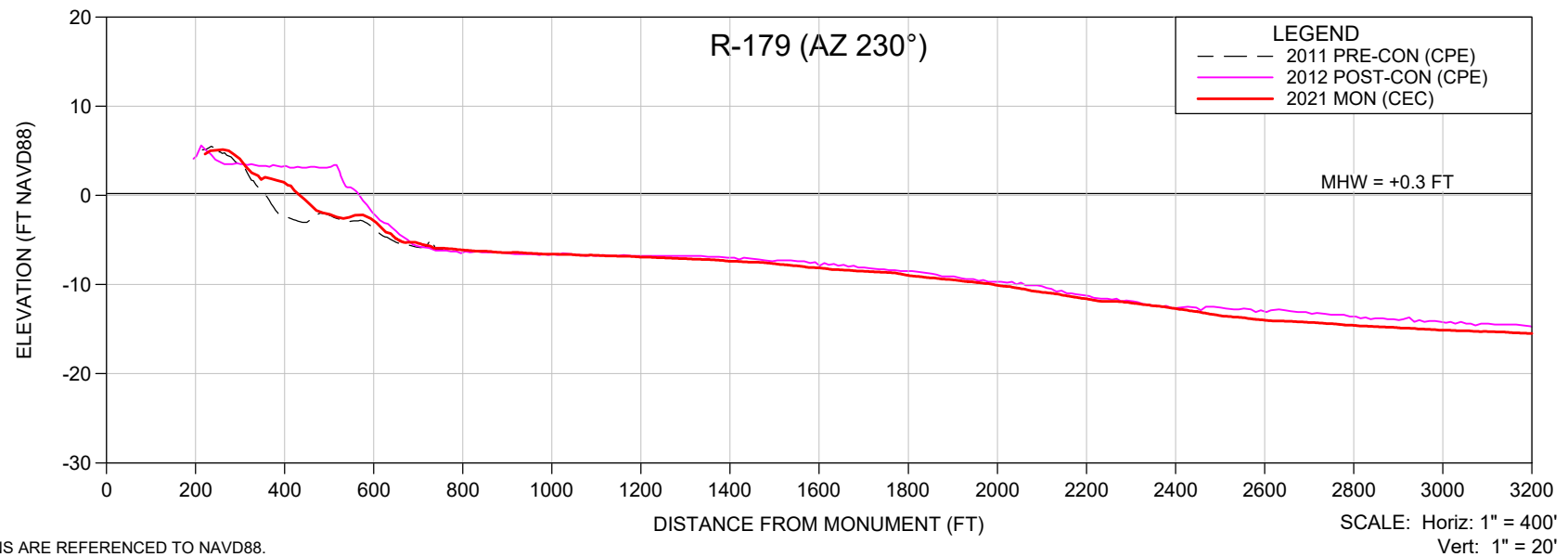
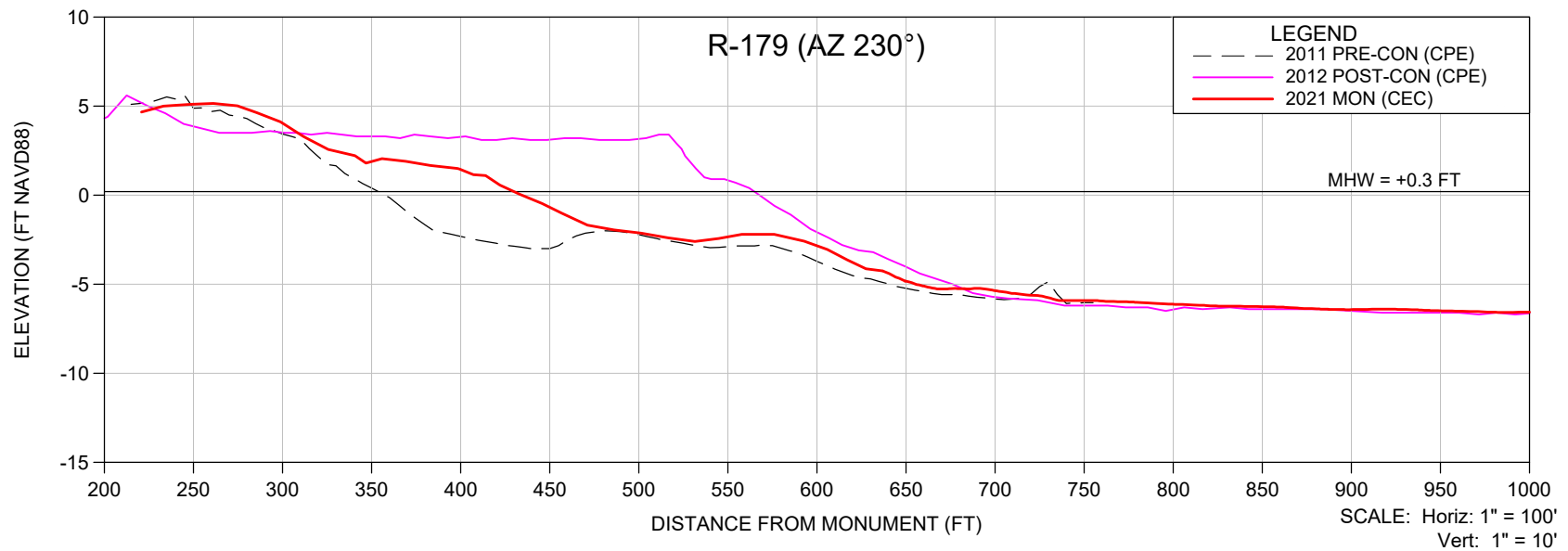
CLIENT:

LEE COUNTY

TITLE:

R-178 (AZ 227°) MONITORING SURVEY

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION



NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 8
FILE NO.: 21504-R-179 AZ230

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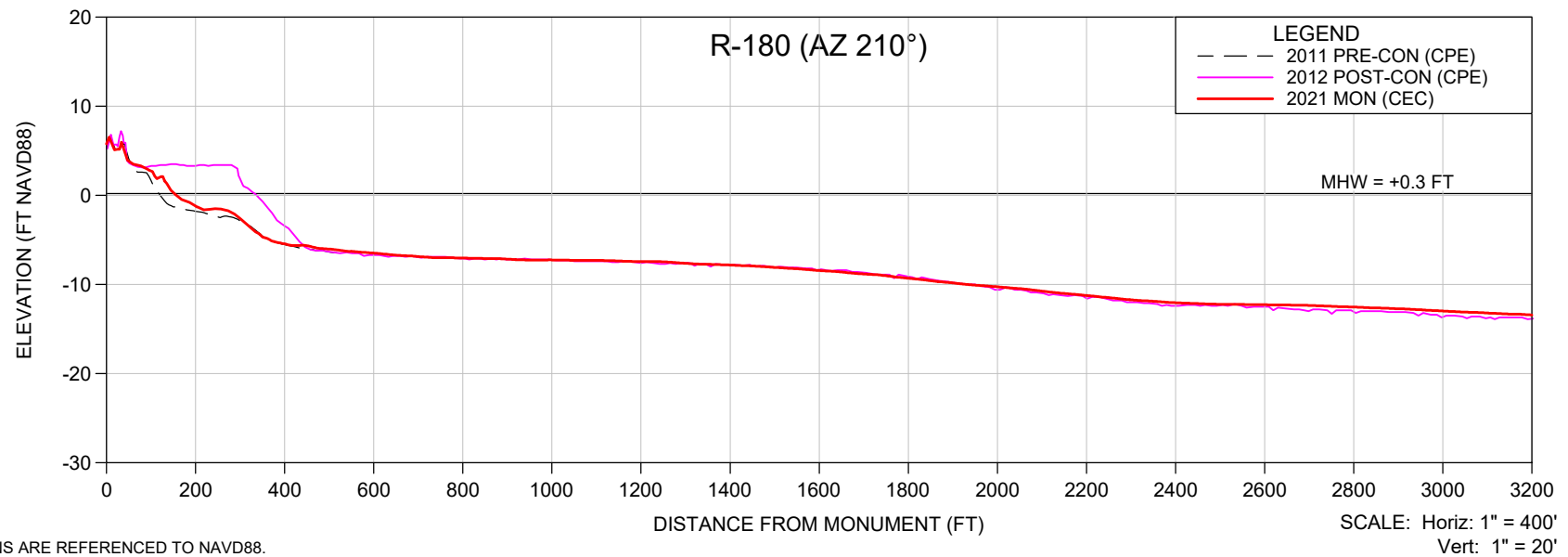
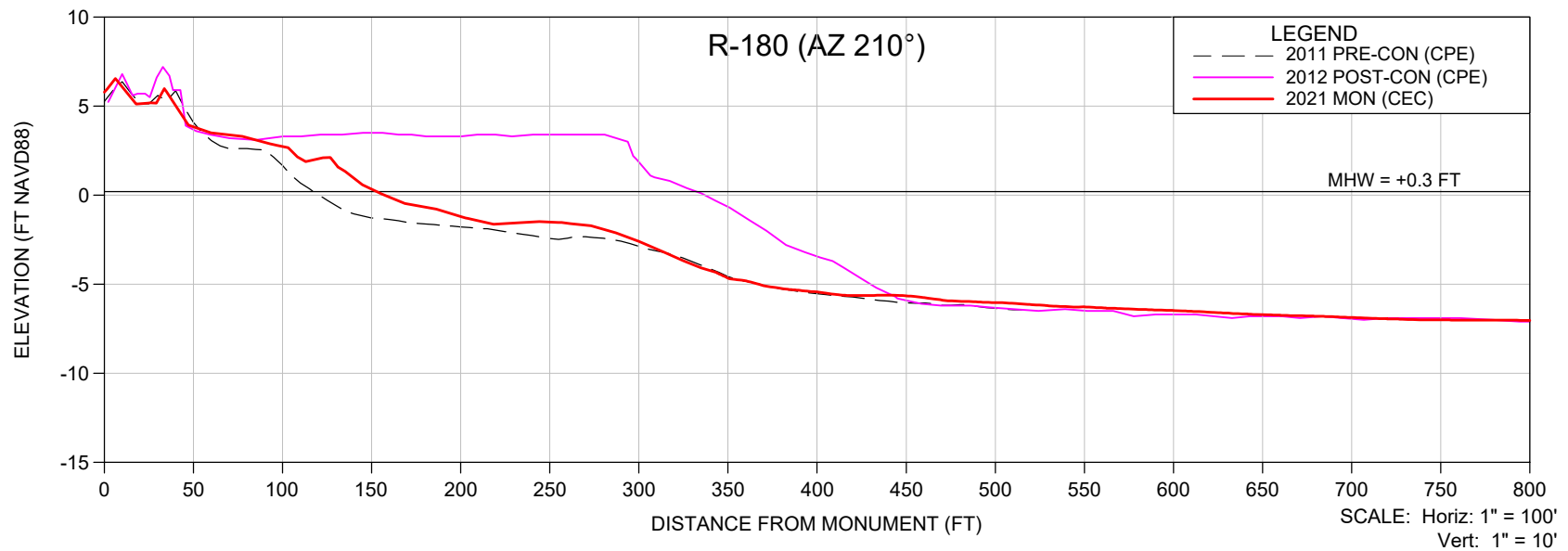
CLIENT:

LEE COUNTY

TITLE:

R-179 (AZ 230°) MONITORING SURVEY

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504	NO.	DATE
		BY	REVISION DESCRIPTION



NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 9
FILE NO.: 21504-R-180-AZ210

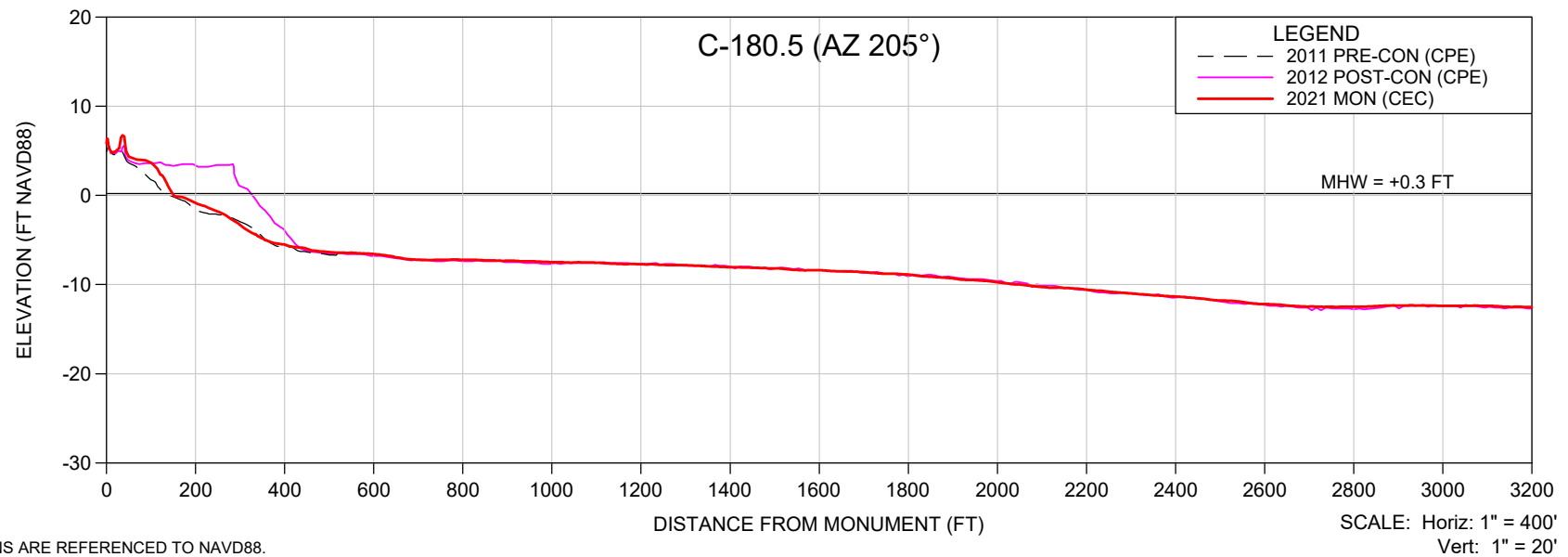
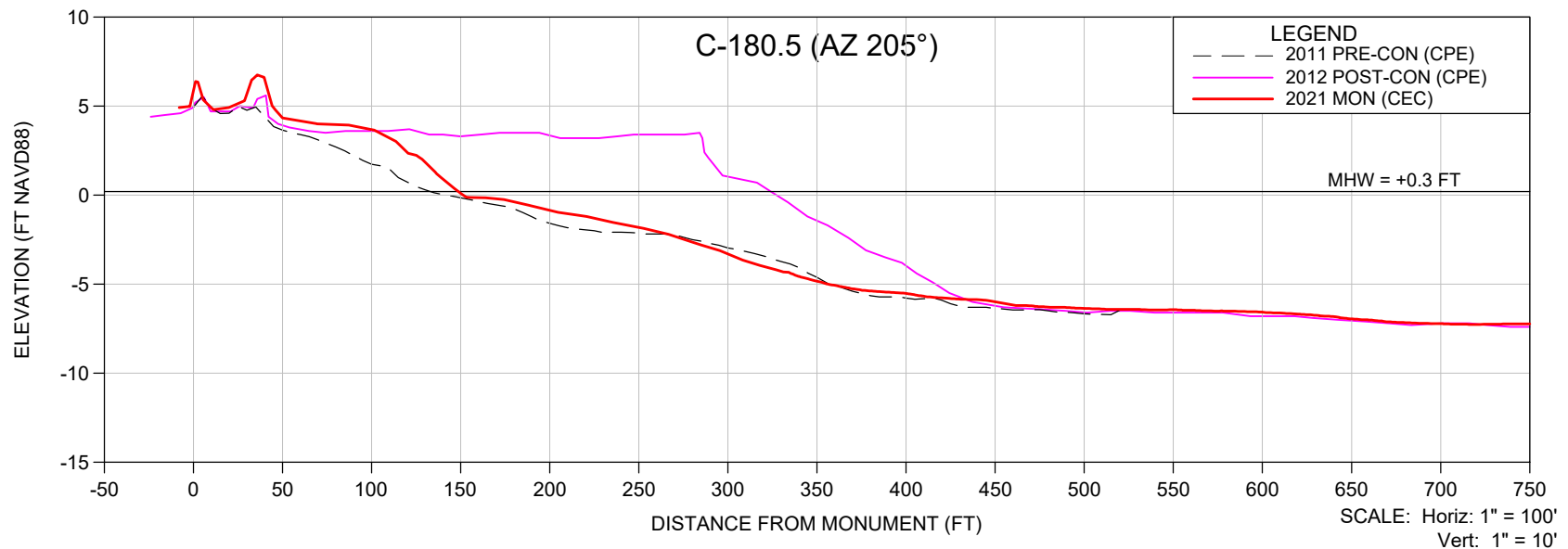
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CLIENT: **LEE COUNTY**
 TITLE: **R-180 (AZ 210°) MONITORING SURVEY**

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION



NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 10
 FILE NO.: 21504-C180.5-AZ205

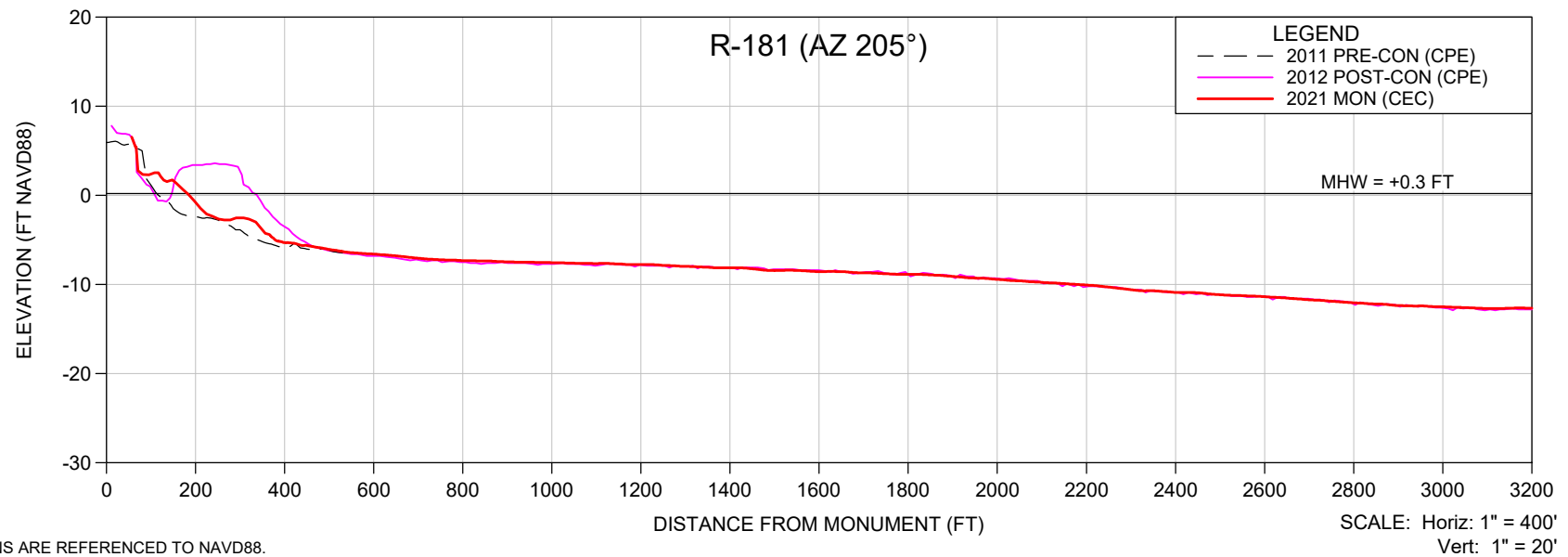
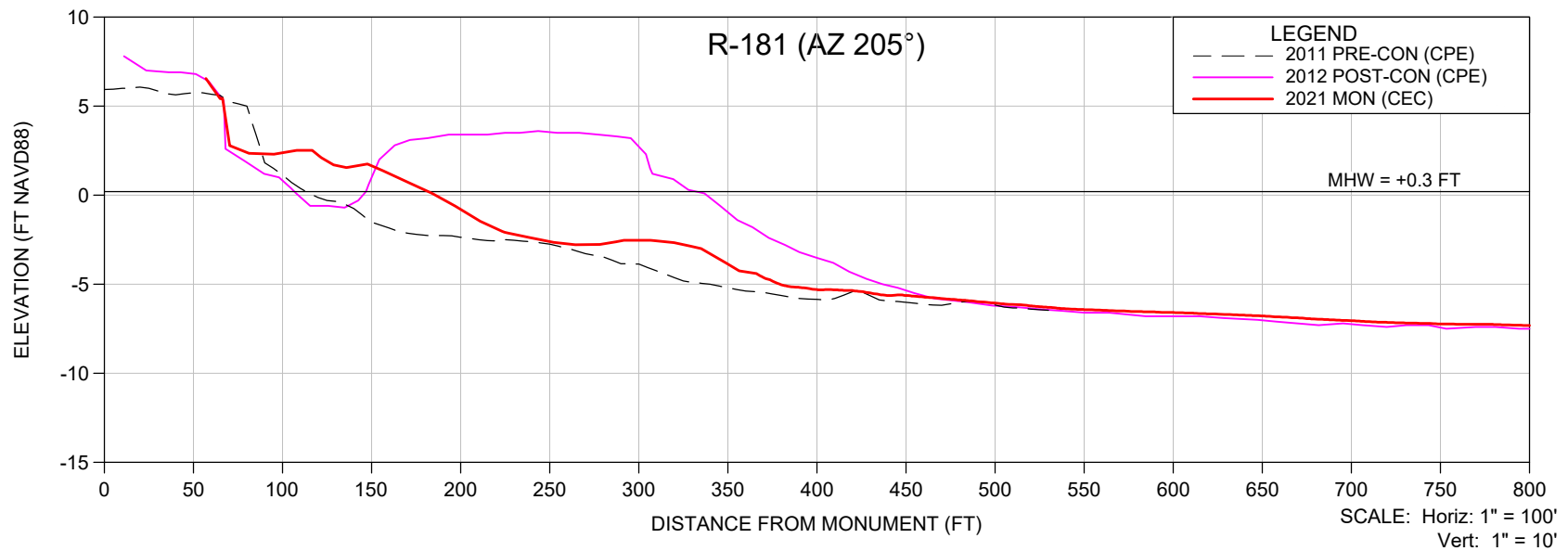
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CLIENT: **LEE COUNTY**
 TITLE: **C-180.5 (AZ 205°) MONITORING SURVEY**

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504		

NO.	DATE	BY	REVISION DESCRIPTION



NOTES:

1. ELEVATIONS ARE REFERENCED TO NAVD88.
2. PROFILE DATA IS FROM SURVEYS BY CEC AND CPE.

SHEET 11
 FILE NO.: 21504-R-181-AZ205

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CLIENT: **LEE COUNTY**
 TITLE: **R-181 (AZ 205°) MONITORING SURVEY**

DATE:	7/30/2021	SCALE:	AS SHOWN
DRAWN:	VVA	F.B.	
CHECKED:	MTP	PG.	
SEC.	TWP.	RNG.	
ACAD NO.	21504-2021 Funding Profiles.dwg		
REF. NO.	21.504	NO.	DATE

NO.	DATE	BY	REVISION DESCRIPTION

ESTERO ISLAND FUNDING VOLUME CALCS
 2011 - 2012 CHANGE ABOVE MHW
 CEC FILE NO. 19.504
 SURVEY DATES: APRIL 2011 / JAN. 2012

MONUMENT (AZIMUTH)	CELL AREA (YD ³ /FT)	AVE CELL AREA (YD ³ /FT)	LENGTH (FT)	VOLUME (YD ³)
R-175 (248)	68.8			
		69.9	817	57,093
R-176 (245)	71.0			
		67.9	1,160	78,720
R-177 (220)	64.8			
		49.1	1,033	50,697
R-178 (227)	33.4			
		37.0	790	29,239
R-179 (230)	40.6			
		41.7	1,244	51,919
R-180 (210)	42.9			
		40.4	500	20,185
C-180.5 (205)	37.9			
		37.6	508	19,115
R-181 (205)	37.3			
		18.7	571	10,664
END	0.0			

TOTAL	317,633
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ESTERO ISLAND FUNDING VOLUME CALCS
 2012 - 2020 CHANGE ABOVE MHW
 CEC FILE NO. 19.504
 SURVEY DATES: JAN. 2012 / JUNE 2020

MONUMENT (AZIMUTH)	CELL AREA (YD ³ /FT)	AVE CELL AREA (YD ³ /FT)	LENGTH (FT)	VOLUME (YD ³)
R-175 (248)	5.3			
		-8.7	817	-7,142
R-176 (245)	-22.8			
		-27.8	1,160	-32,182
R-177 (220)	-32.7			
		-25.2	1,033	-26,061
R-178 (227)	-17.8			
		-21.5	790	-16,950
R-179 (230)	-25.1			
		-29.9	1,244	-37,189
R-180 (210)	-34.6			
		-32.5	500	-16,233
C-180.5 (205)	-30.3			
		-27.6	508	-14,029
R-181 (205)	-24.9			
		-12.4	571	-7,114
END	0.0			

SUBTOTAL	-156,901
TRUCK HAUL	4,000
TOTAL	-160,901
% LOST	-51%