

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Interim Director



Mayor Timothy M. Keller

June 9, 2022

Robert Fierro, P.E.
Fierro & Company
6300 Montano Rd. NW
Albuquerque, NM 87120

**RE: Lot 2 Executive Hills 2
700 Winterwood Pl. SE
Grading and Drainage Plan - Approved
Engineers Stamp Date 6/6/22
File Number (L23D038)**

Mr. Fierro,

Based upon the information provided in your submittal received 6/8/22, this plan is approved for grading permit by Hydrology.

This submittal does not follow the requirements provided in the DPM Chapter 6. Please access this on the City website and make sure subsequent submittals follow these requirements. Below are listed items that can be seen to need addressing. Further comments may be provided on future submittals.

An Engineer's Certification of the compacted pad and grading (Pad Certification), per the DPM Chapter 6-13(A)(6): *Engineer's Certification Checklist for Non-Subdivision*, is required prior to issuing Building Permit.

Please place a Drainage Easement over the arroyo to ensure this does not get filled in the future. This can take place at a later date so long as it occurs prior to CO. A final (as-built) elevation certificate must be submitted and approved by Hydrology prior to issuing approval for Certificate of Occupancy.

If you have any questions, please contact me at 924-3986 or earmijo@cabq.gov.

Sincerely,

Ernest Armijo, P.E.
Principal Engineer, Planning Dept.
Development Review Services



City of Albuquerque

Planning Department

Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 11/2018)

Project Title: _____ **Building Permit #:** _____ **Hydrology File #:** _____

DRB#: _____ **EPC#:** _____ **Work Order#:** _____

Legal Description: _____

City Address: _____

Applicant: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

Owner: _____ **Contact:** _____

Address: _____

Phone#: _____ **Fax#:** _____ **E-mail:** _____

TYPE OF SUBMITTAL: _____ PLAT (____# OF LOTS) _____ RESIDENCE _____ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL?: _____ Yes _____ No

DEPARTMENT: _____ TRAFFIC/ TRANSPORTATION _____ HYDROLOGY/ DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

- _____ ENGINEER/ARCHITECT CERTIFICATION
- _____ PAD CERTIFICATION
- _____ CONCEPTUAL G & D PLAN
- _____ GRADING PLAN
- _____ DRAINAGE MASTER PLAN
- _____ DRAINAGE REPORT
- _____ FLOODPLAIN DEVELOPMENT PERMIT APPLIC
- _____ ELEVATION CERTIFICATE
- _____ CLOMR/LOMR
- _____ TRAFFIC CIRCULATION LAYOUT (TCL)
- _____ TRAFFIC IMPACT STUDY (TIS)
- _____ OTHER (SPECIFY) _____
- _____ PRE-DESIGN MEETING?

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

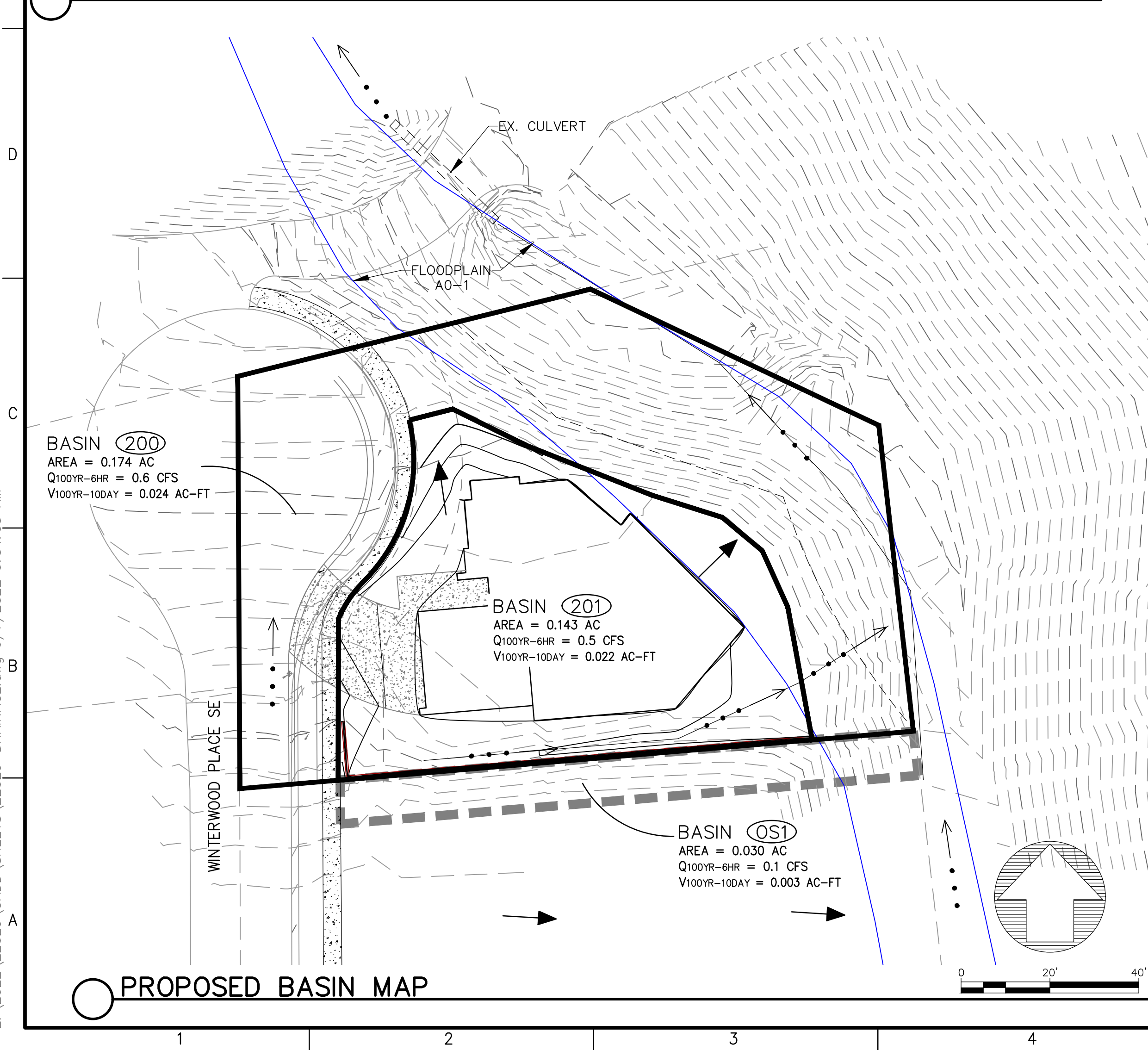
- _____ BUILDING PERMIT APPROVAL
- _____ CERTIFICATE OF OCCUPANCY
- _____ PRELIMINARY PLAT APPROVAL
- _____ SITE PLAN FOR SUB'D APPROVAL
- _____ SITE PLAN FOR BLDG. PERMIT APPROVAL
- _____ FINAL PLAT APPROVAL
- _____ SIA/ RELEASE OF FINANCIAL GUARANTEE
- _____ FOUNDATION PERMIT APPROVAL
- _____ GRADING PERMIT APPROVAL
- _____ SO-19 APPROVAL
- _____ PAVING PERMIT APPROVAL
- _____ GRADING/ PAD CERTIFICATION
- _____ WORK ORDER APPROVAL
- _____ CLOMR/LOMR
- _____ FLOODPLAIN DEVELOPMENT PERMIT
- _____ OTHER (SPECIFY) _____

DATE SUBMITTED: _____ **By:** _____

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

FEE PAID: _____

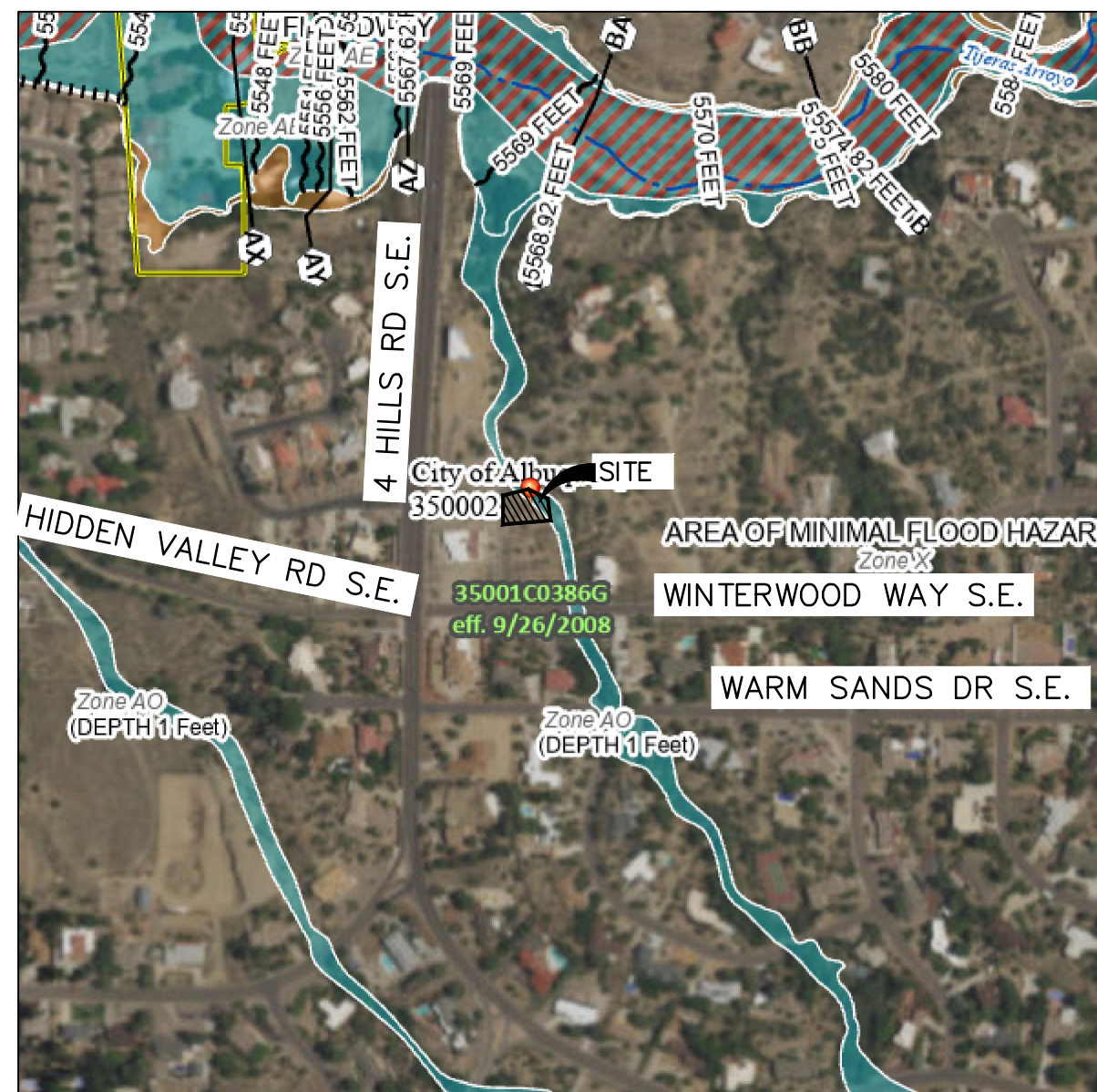


DRAINAGE REPORT

Excess Precipitation (inches)			
A	B	C	D
0.67	0.86	1.09	2.58
Peak Discharge (cfs/acre)			
A	B	C	D
1.84	2.49	3.17	4.49
Precipitation (inches)			
P ₃₆₀₍₆₎	P ₁₄₄₀₍₂₄₎	P _{4days}	P _{10days}
2.43	2.84	3.29	4.10

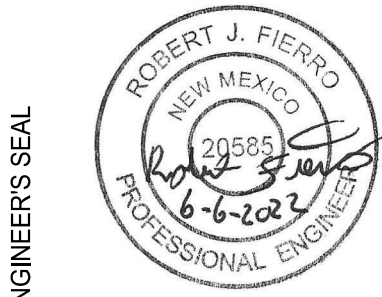
HYDROLOGY SUMMARY							
BASIN	Total Area (acres)	Land Treatment (%)				Q ₁₀₀ (cfs)	V _{100yr-6hr} (ac-ft)
		A	B	C	D		
OS1	0.0296	0.0	0.0	100.0	0.0	0.1	0.003
100	0.1742	0.0	0.0	62.0	38.0	0.6	0.024
101	0.1431	0.0	80.0	20.0	0.0	0.4	0.011
200	0.1742	0.0	0.0	62.0	38.0	0.6	0.024
201	0.1431	0.0	35.0	10.0	55.0	0.5	0.022

HYDROLOGY SUMMARY



FC
Fierro & Company
ENGINEERING | SURVEYING

3201 4th. STREET NW
ALBUQUERQUE, NEW MEXICO 87107
PH (505) 352-8930
www.fierrocompany.com



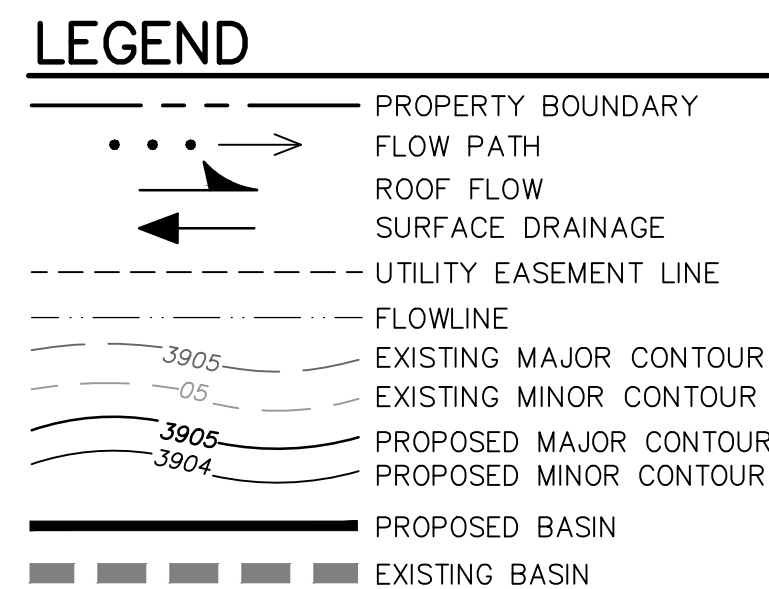
CHAPARRO RESIDENCE
700 WINTERWOOD PL SE
ALBUQUERQUE, NM

[illegible]

PROJECT NO:	22029
DESIGNED BY:	RJP
DRAWN BY:	JB
CHECKED BY:	RJP
DATE:	JUNE 2022
SHEET TITLE	

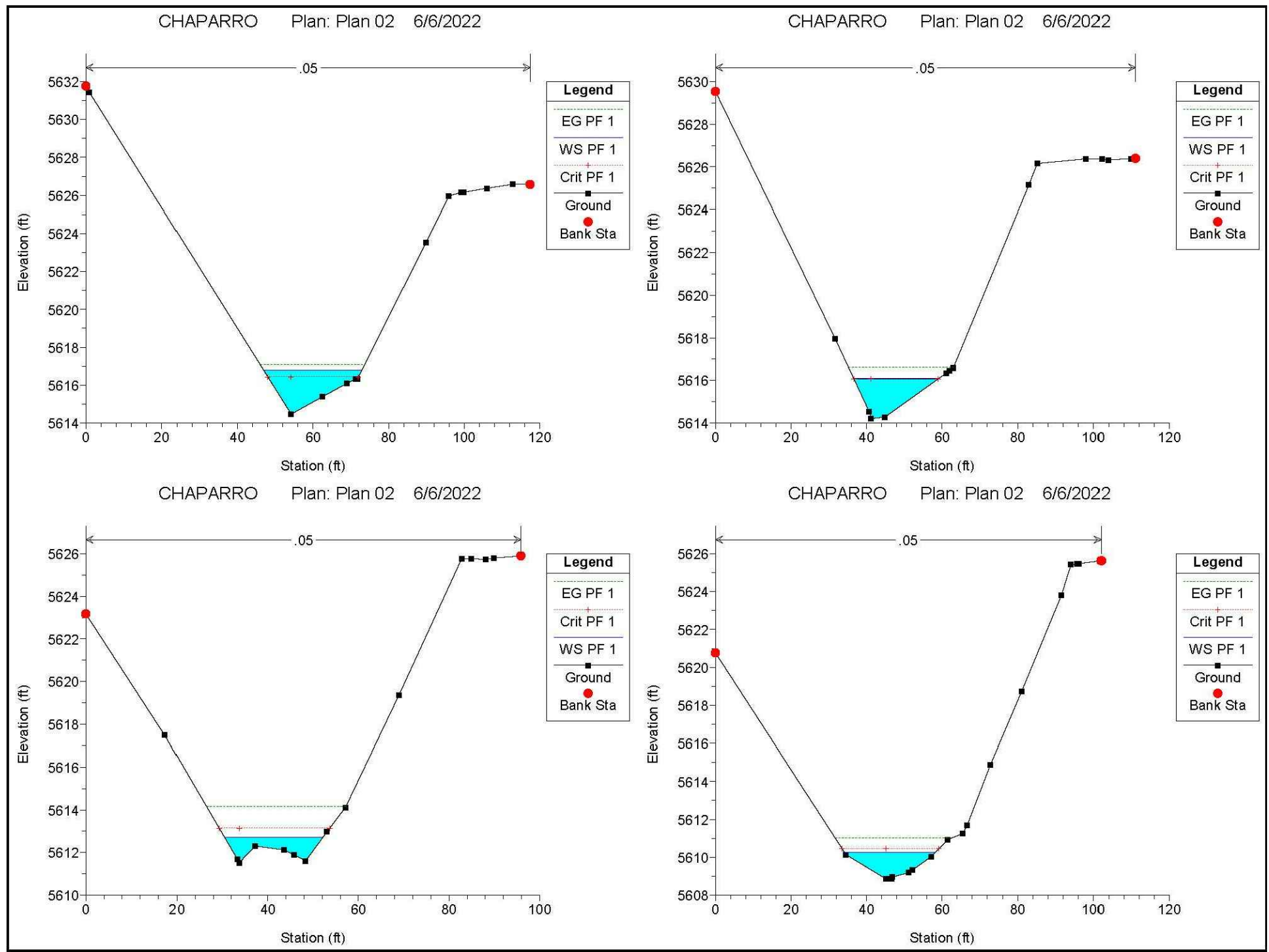
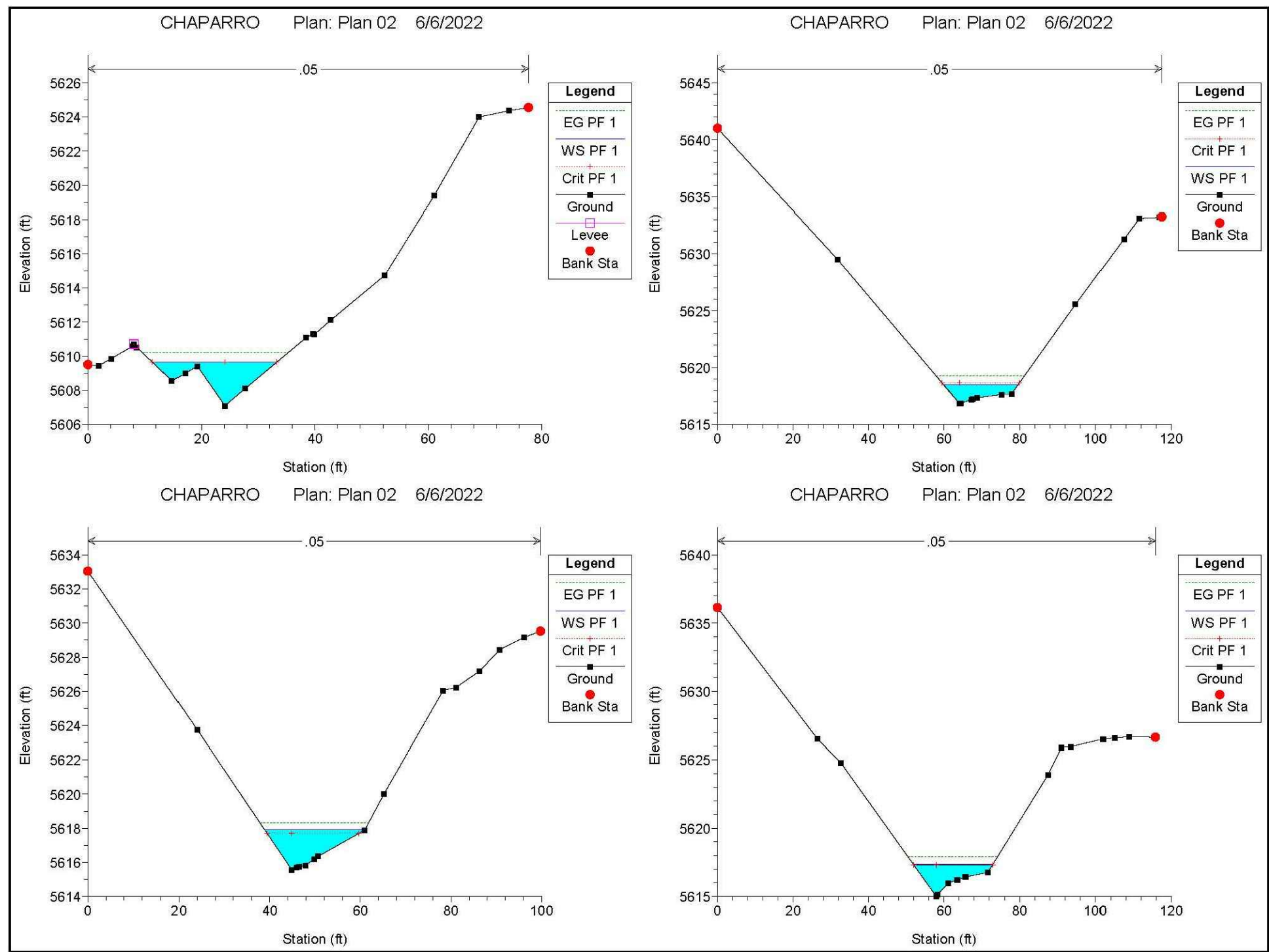
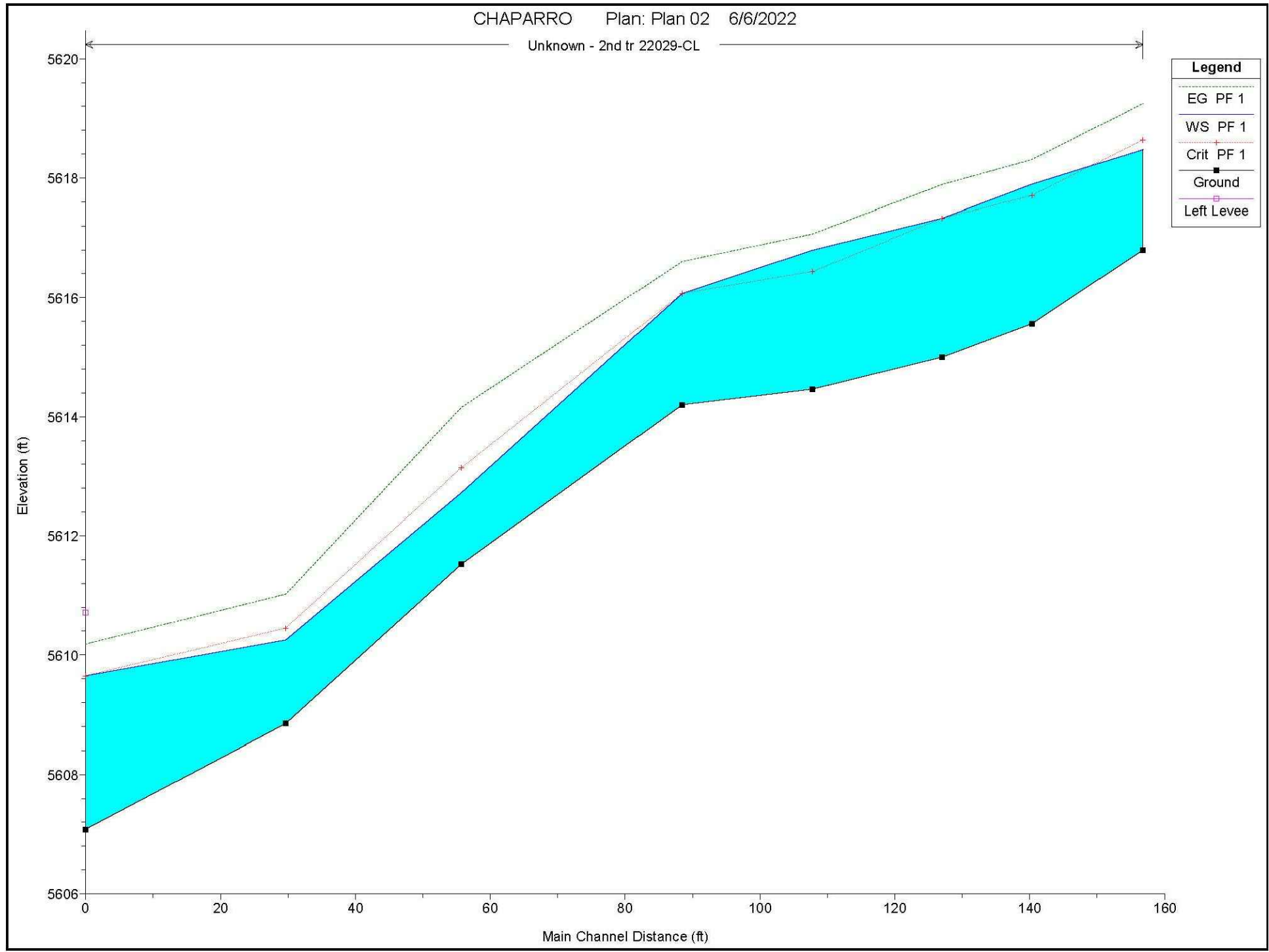
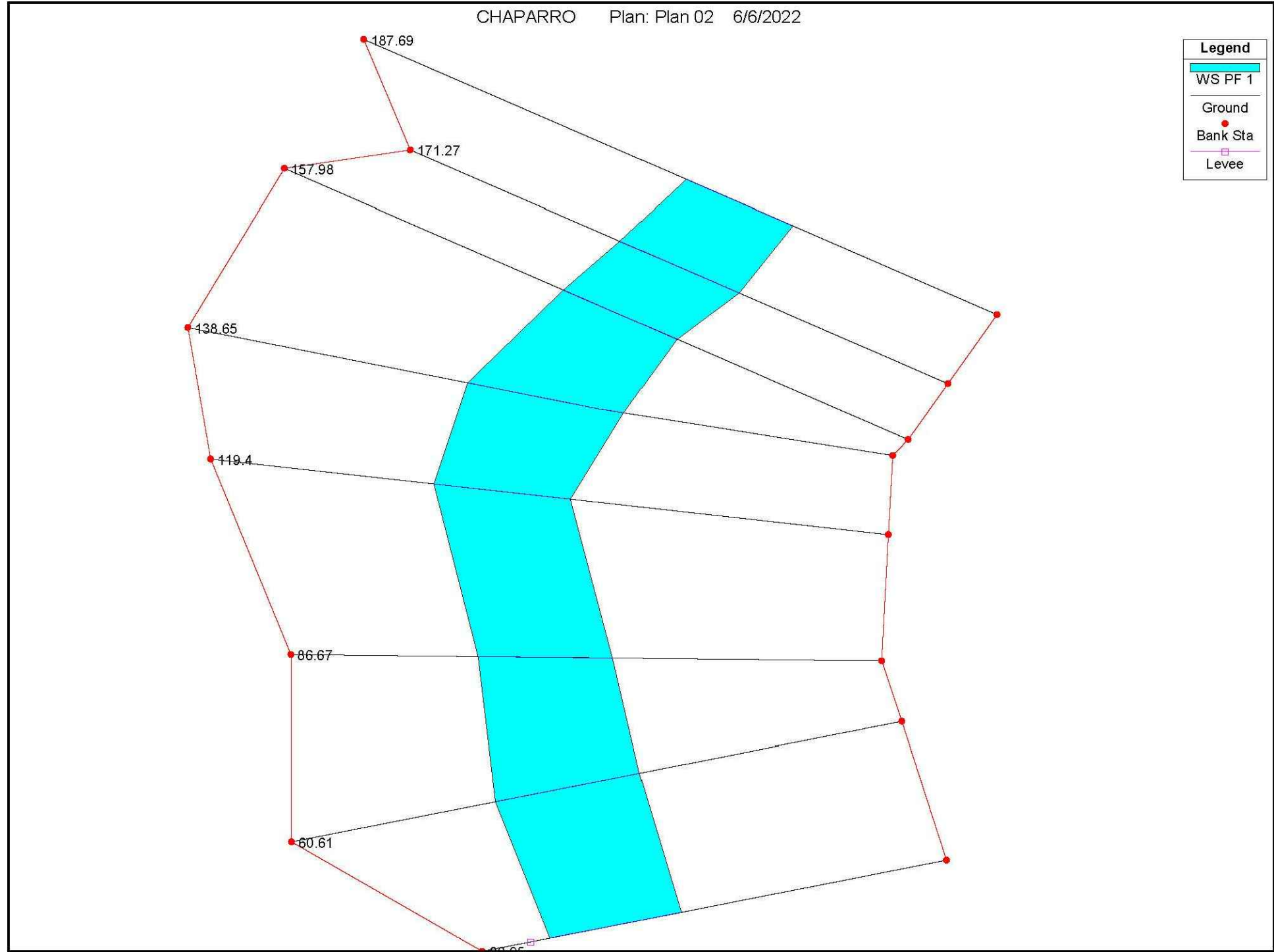
DRAINAGE PLAN

SHEET NO: C-2



Z:\2022\22029\CADD\SHEETS\22029-HEC-RAS-.dwg 6/7/2022 8:19:04 AM

A
B
C
D
E
F
G
H



CHAPARRO RESIDENCE
700 WINTERWOOD PL SE
ALBUQUERQUE, NM

PROJECT NAME

REV.	DATE	DESCRIPTION	BY

PROJECT NO: 22029
DESIGNED BY: RJF
DRAWN BY: JB
CHECKED BY: RJF
DATE: JUNE 2022

SHEET TITLE
**HEC-RAS
RESULTS**

SHEET NO:
C-3