

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

September 12, 2024

R.W. Fernandez
Cobb, Fendley, and Associates
3820 Academy Parkway North NE
Albuquerque, NM 87109

**RE: JLM Living – Paseo Multi-family Housing Development
Conceptual Grading and Drainage Plans
Engineer's Stamp Date: 8/26/2024
Hydrology File: C10D003**

Dear Mr. Fernandez:

Based upon the information provided in your submittal received 08/27/2024, the Conceptual Grading & Drainage Plans are preliminary approved for action by the Development Hearing Officer (DHO) for Preliminary/Final Plat approval.

PO Box 1293

PRIOR TO BUILDING PERMIT:

Albuquerque

1. Please submit a more detailed Grading & Drainage Plan to Hydrology for review and approval. This digital (.pdf) is emailed to PLNDRS@cabq.gov along with the Drainage Transportation Information Sheet.

NM 87103

As a reminder, if the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, jhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.

www.cabq.gov

If you have any questions, please contact me at 505-924-3314 or amontoya@cabq.gov.

Sincerely,

Anthony Montoya, Jr., P.E.
Senior Engineer, Hydrology
Planning Department, Development Review Services



City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (DTIS)

Project Title: _____ Hydrology File # _____

Legal Description: _____

City Address, UPC, OR Parcel: _____

Applicant/Agent: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

Applicant/Owner: _____ Contact: _____

Address: _____ Phone: _____

Email: _____

TYPE OF DEVELOPMENT: Plat (# of lots) _____ Single Family Home
All other Developments

RE-SUBMITTAL: YES NO

DEPARTMENT: TRANSPORTATION HYDROLOGY/DRAINAGE

Check all that apply under Both the Type of Submittal and the Type of Approval Sought:

TYPE OF SUBMITTAL:

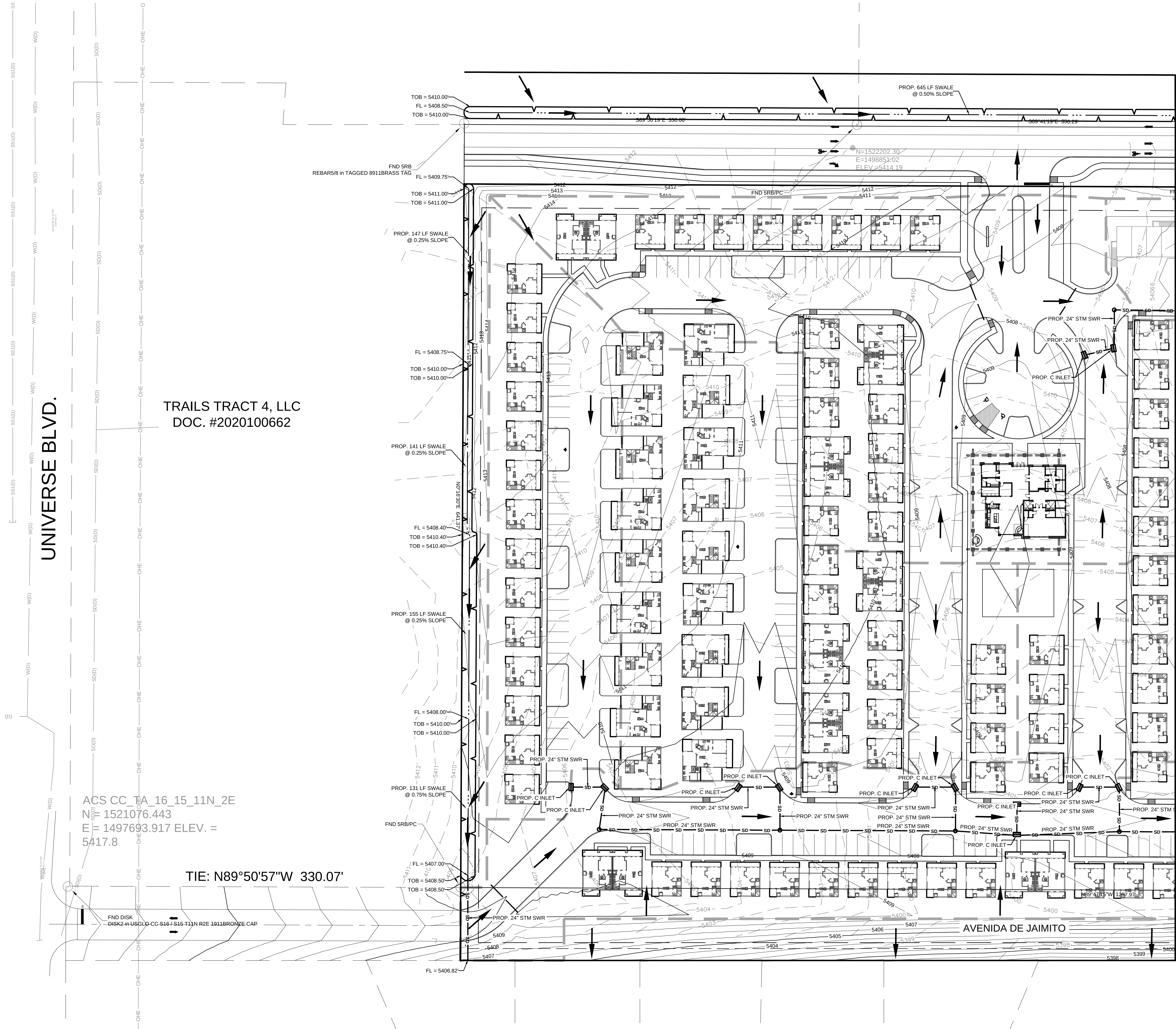
Engineering / Architect Certification
Conceptual Grading & Drainage Plan
Grading & Drainage Plan, and/or Drainage Report
Drainage Report (Work Order)
Drainage Master Plan
Conditional Letter of Map Revision (CLOMR)
Letter of Map Revision (LOMR)
Floodplain Development Permit
Traffic Circulation Layout (TCL) – Administrative
Traffic Circulation Layout (TCL) – DFT Approval
Traffic Impact Study (TIS)
Street Light Layout
OTHER (SPECIFY) _____

TYPE OF APPROVAL SOUGHT:

Pad Certification
Building Permit
Grading Permit
Paving Permit
SO-19 Permit
Foundation Permit
Certificate of Occupancy - Temp Perm
Preliminary / Final Plat
Site Plan for Building Permit - DFT
Work Order (DRC)
Release of Financial Guarantee (ROFG)
CLOMR / LOMR
Conceptual TCL - DFT
OTHER (SPECIFY) _____

DATE SUBMITTED: _____

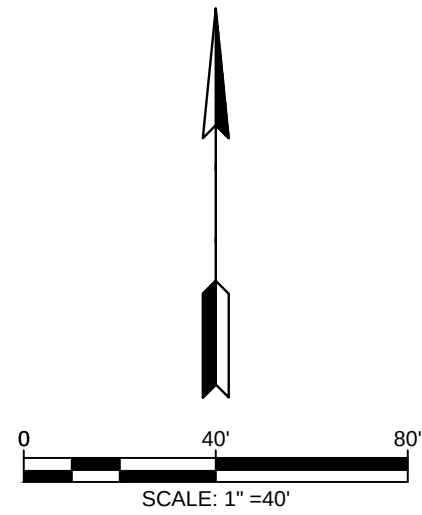
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DOC. #2020100662

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5417.8

TIE: N89°50'57"W 330.07'



SURVEYOR

COBBFENDLEY
3820 ACADEMY PARKWAY NORTH NE
ALBUQUERQUE, NM 87109
PH: 505-508-0786

PROP. LEGEND

- PROP STORM MANHOLE
- PROP C INLET
- PROP STORM SEWER
- PROP. DIRECTION OF FLOW ARROW
- - - 5400 EXISTING CONTOUR
- - - 5400 PROP. CONTOUR
- - - PROPOSED TOP OF BANK
- - - PROPOSED DRAINAGE BOUNDARY

City of Albuquerque
Planning Department
Development Review Services
PRELIMINARY APPROVED
DATE: 9/12/2024
BY: [Signature]
HydroTrus # C100003
THESE PLANS AND/OR REPORT ARE
CONCEPTUAL ONLY. MORE INFORMATION MAY
BE NEEDED IN THEM AND SUBMITTED TO
HYDROLOGY FOR BUILDING PERMIT APPROVAL.



JLM LIVING
ALBUQUERQUE, NEW MEXICO

GRADING & DRAINAGE (1 OF 2)

Issue Dates:

Drawn By: AAA

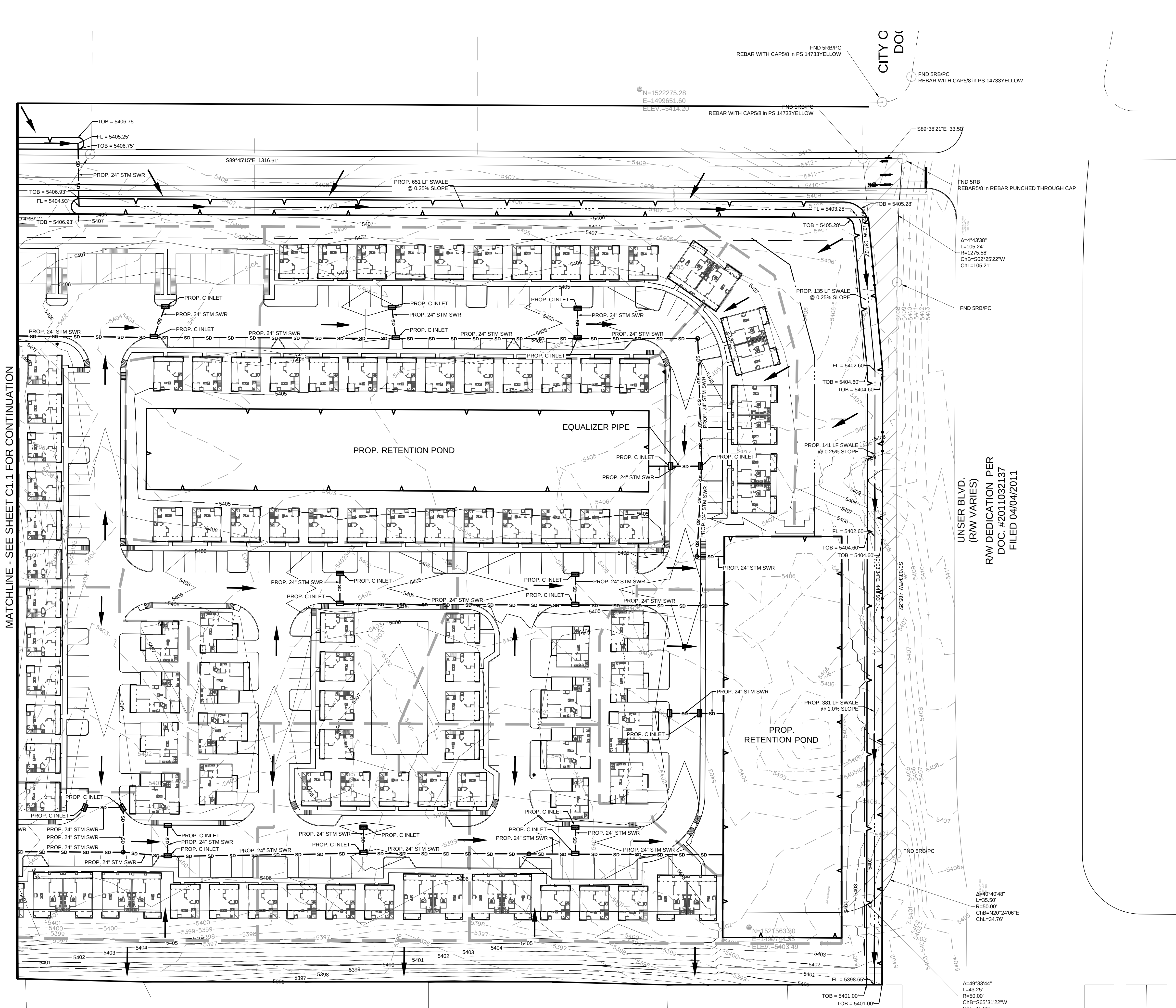
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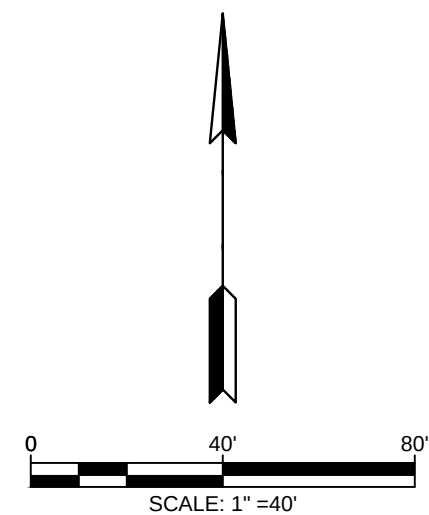
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Project No.

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MATCHLINE - SEE SHEET C1.1 FOR CONTINUATION

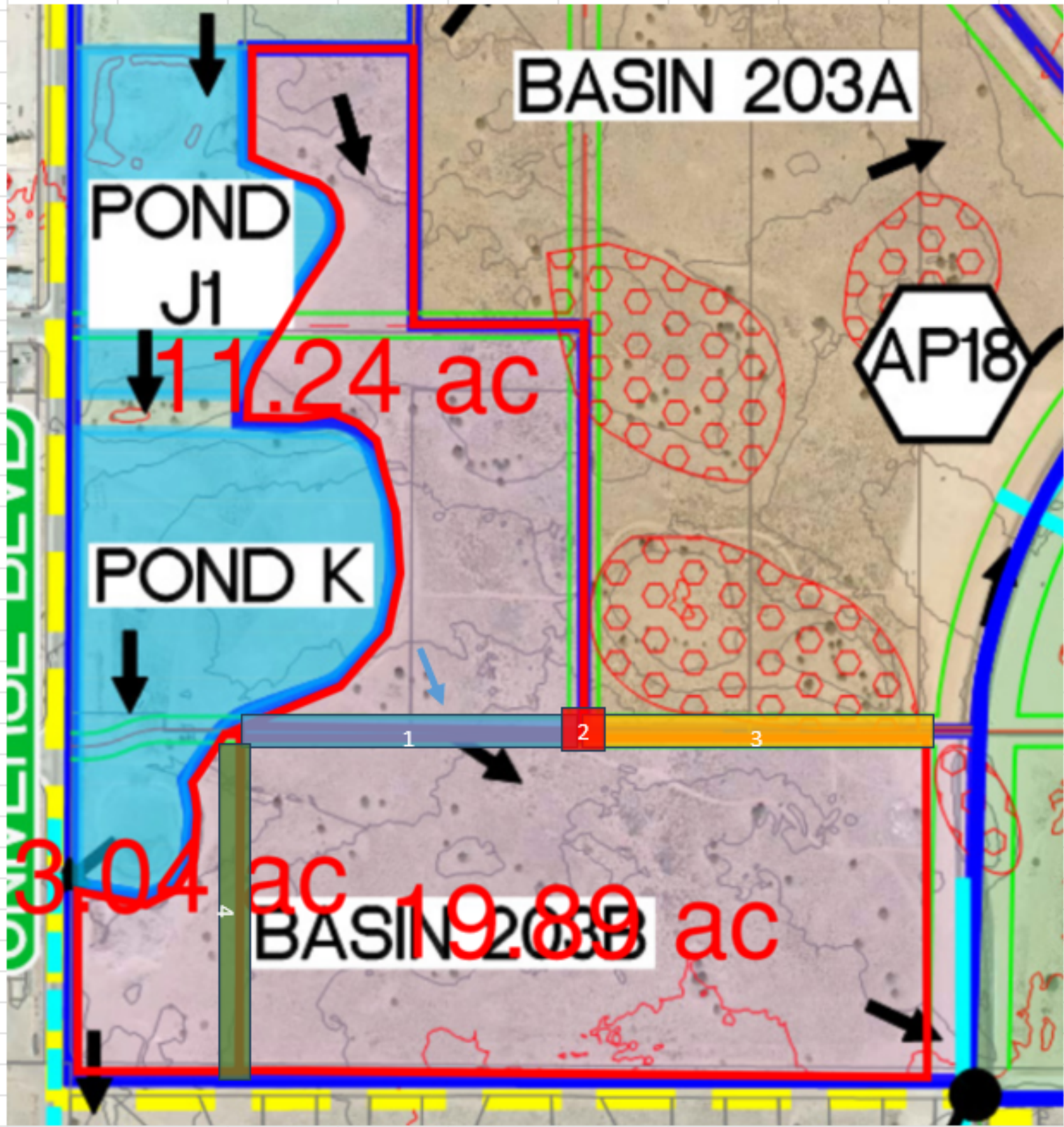


SURVEYOR	
COBBFENDLEY 3820 ACADEMY PARKWAY NORTH NE ALBUQUERQUE, NM 87109 PH: 505-508-0786	
PROP. LEGEND	
	PROP STORM MANHOLE
	PROP C INLET
	PROP STORM SEWER
	PROP. DIRECTION OF FLOW ARROW
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	PROPOSED TOP OF BANK
	PROPOSED DRAINAGE BOUNDARY



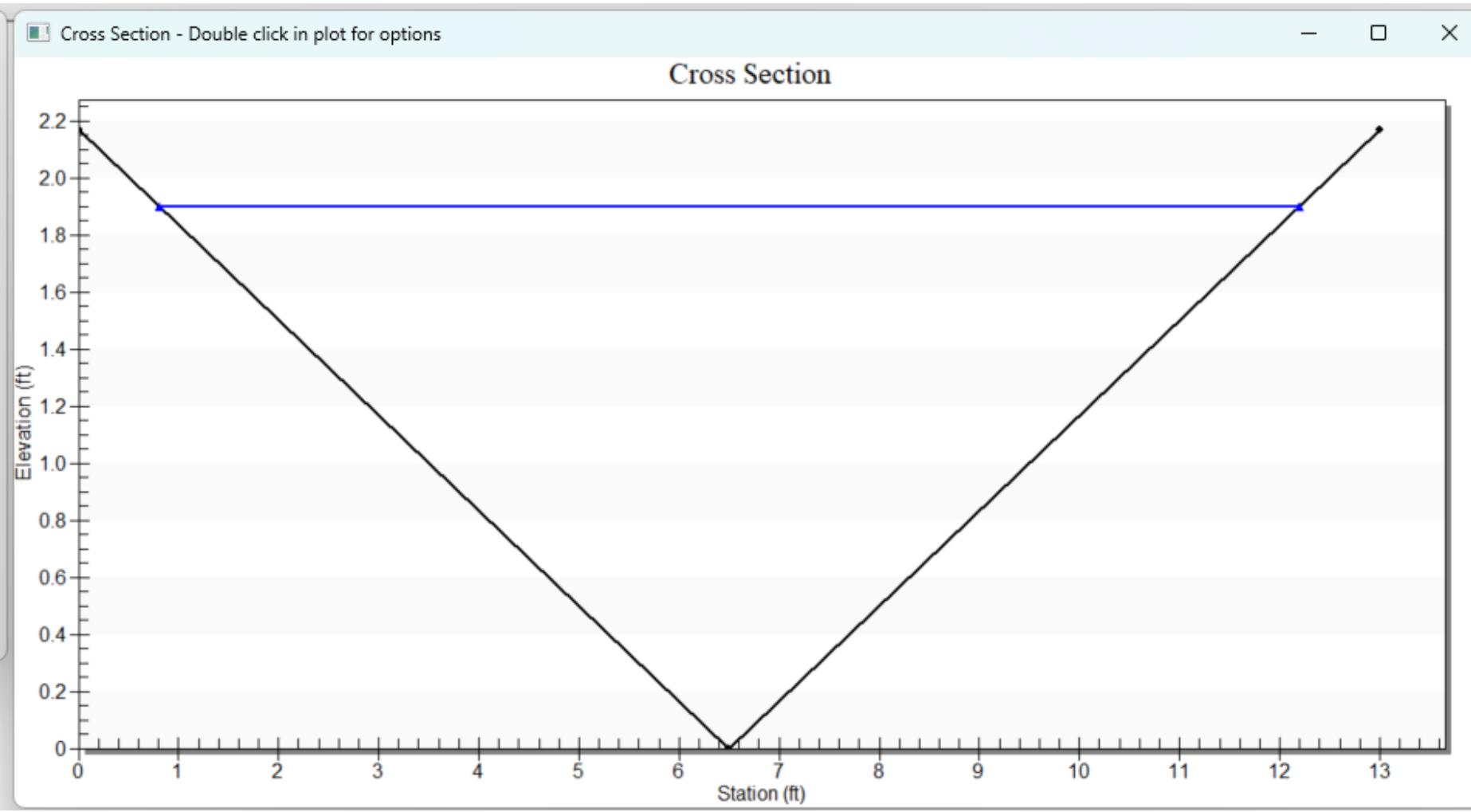
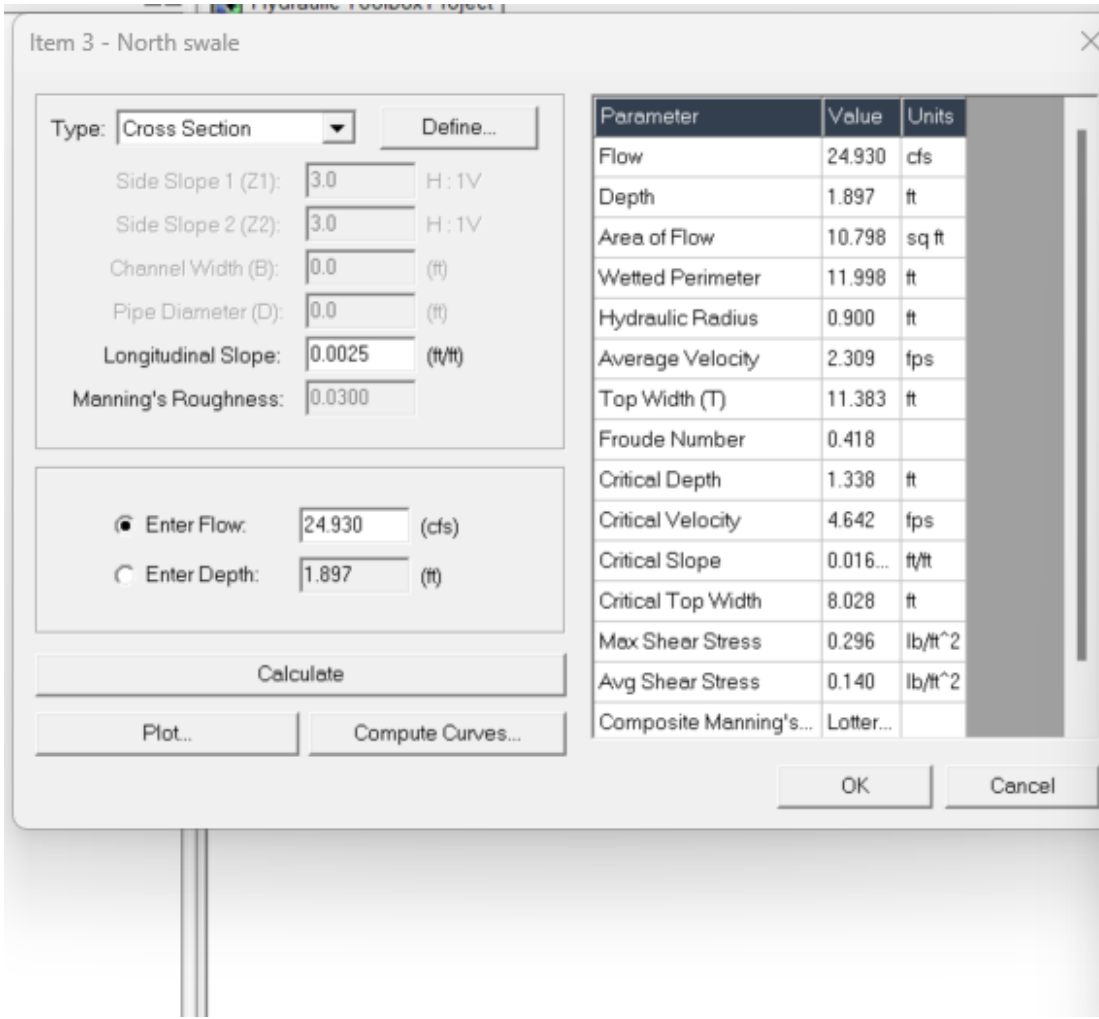
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DOC. #2011032137
FILED 04/04/2011

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Required Flow:

Item 1: Swale to Receive North 11.24 Acres of flow	
Area	11.24 acres
Rate	1.54 cfs/acre
Flow	17.31 cfs/acre
Item 2: 24" RCP CULVERT to intercept 11.24 Acres	
Flow	17.31 cfs
Item 3: Swale to Receive North 11.24 Acres of flow, plus road's flow	
Item 1 and 2 Flow:	17.31 cfs
Road Area:	1.85 acres
Rate	4.12 cfs/acre
Total Flow:	24.93 cfs
Item 4 and 5: Swale/Culvert to Receive West 3.04 Acres of flow	
Area	3.04 acres
Rate	1.54 cfs/acre
Flow	4.68 cfs



ITEM 3) NORTH SWALE



CobbFendley
Cobb, Fendley & Associates, Inc.
3820 Academy Parkway North NE
Albuquerque, NM 87109
505.508.0786 | www.cobfen.com



JLM LIVING
ALBUQUERQUE, NEW MEXICO

GRADING & DRAINAGE CALCULATIONS (1 OF 2)

Issue Dates:

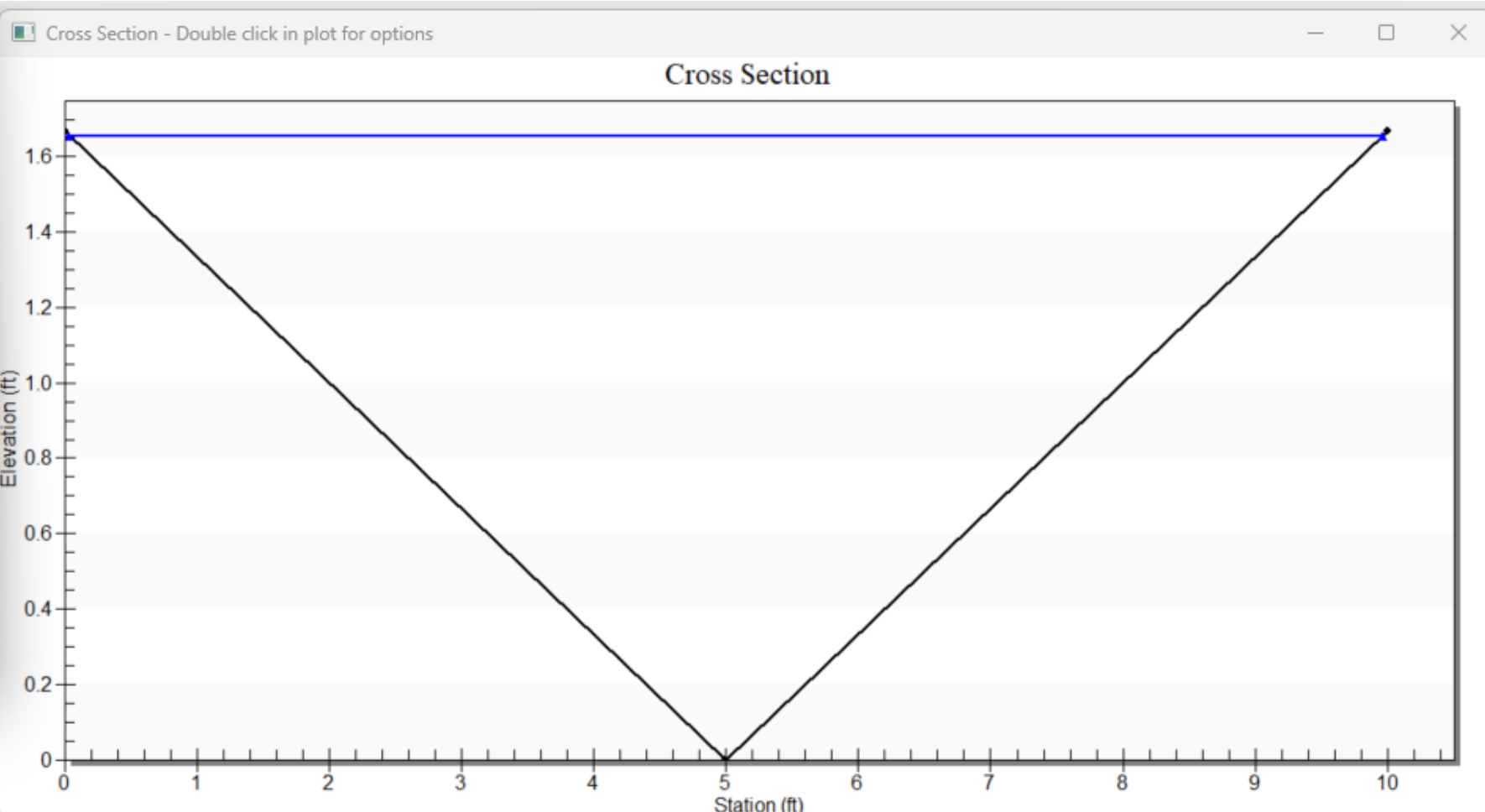
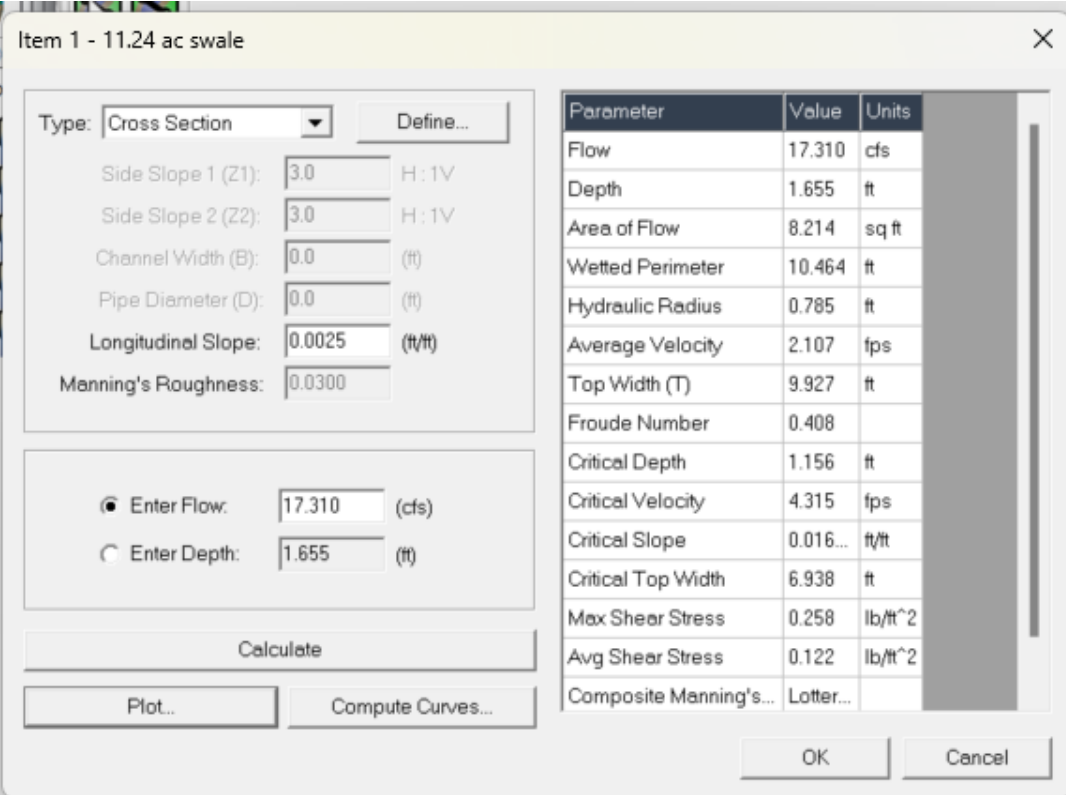
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Checked by: MFAM

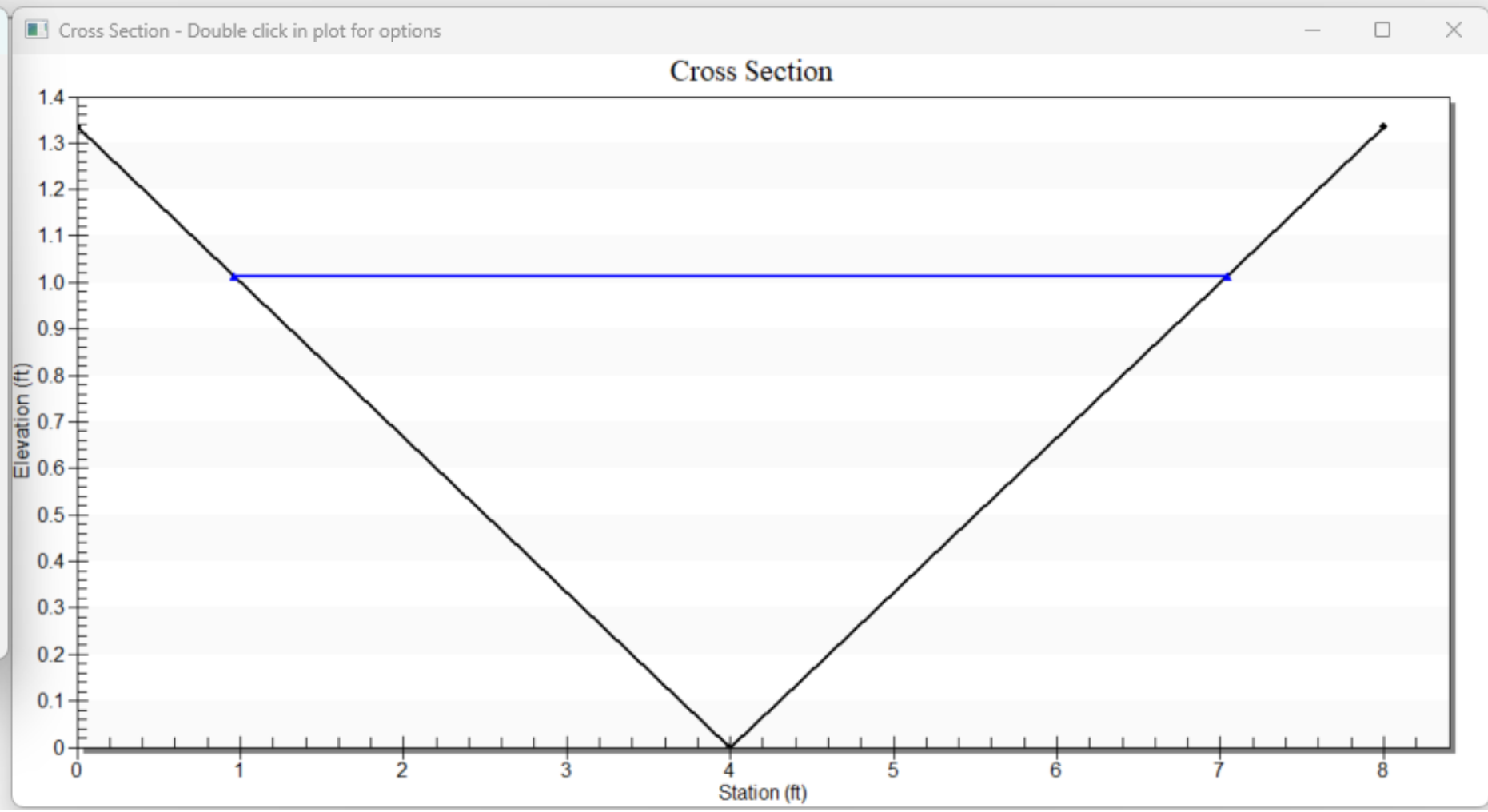
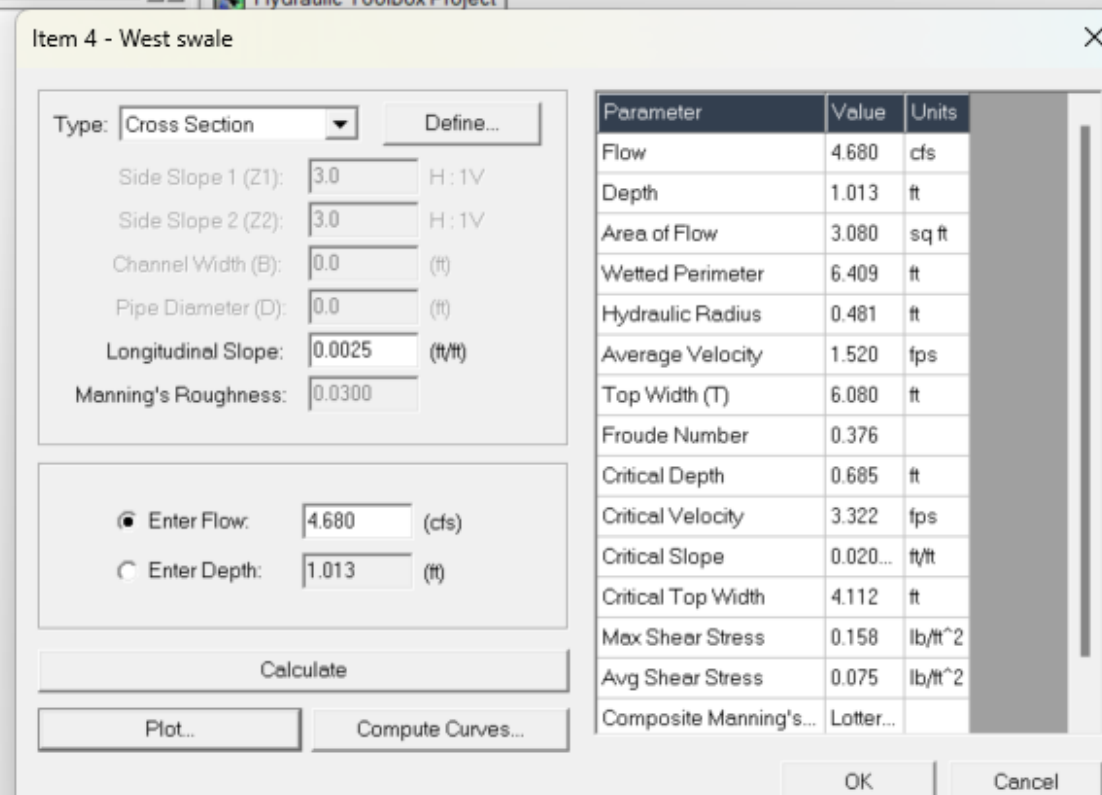
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C1.3

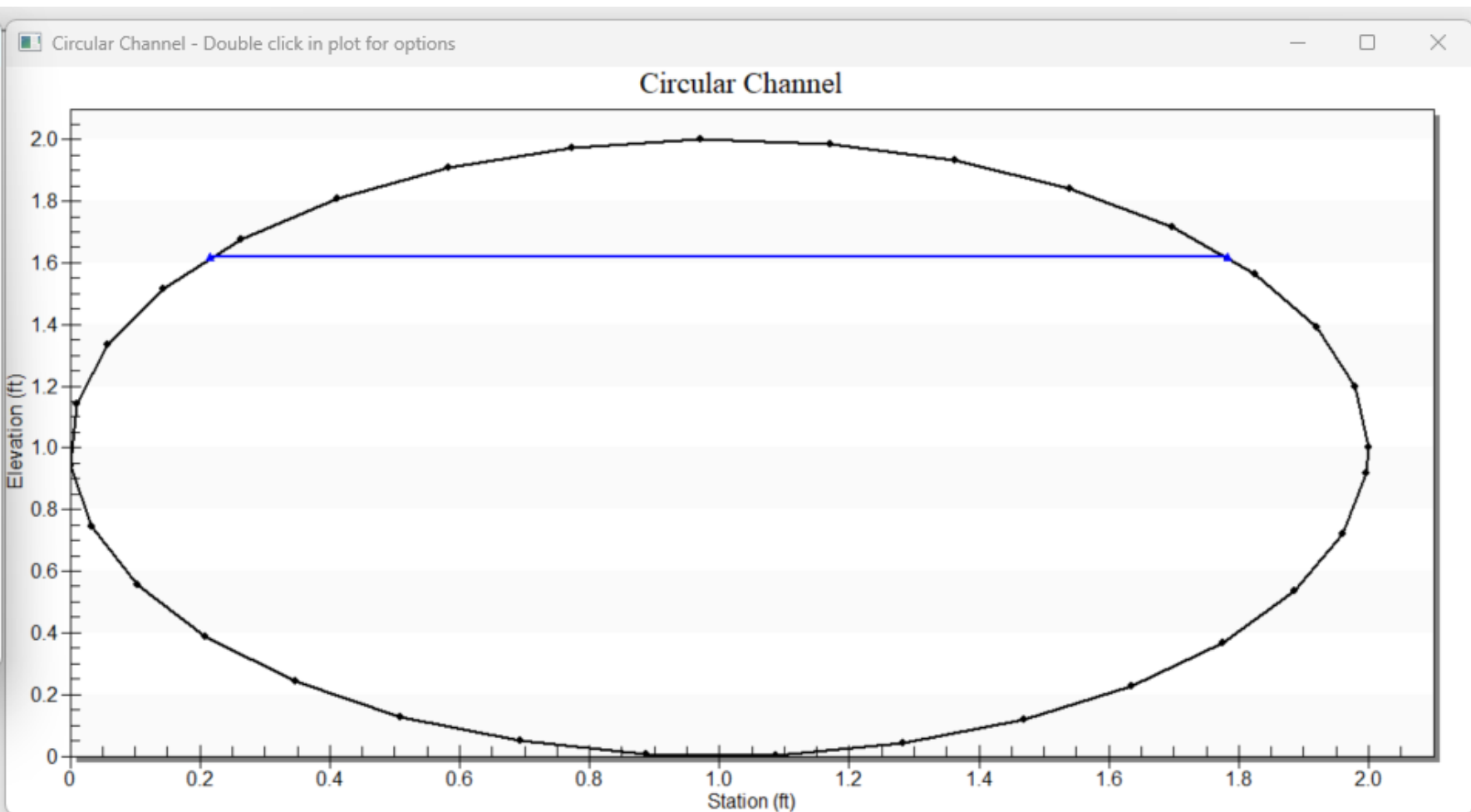
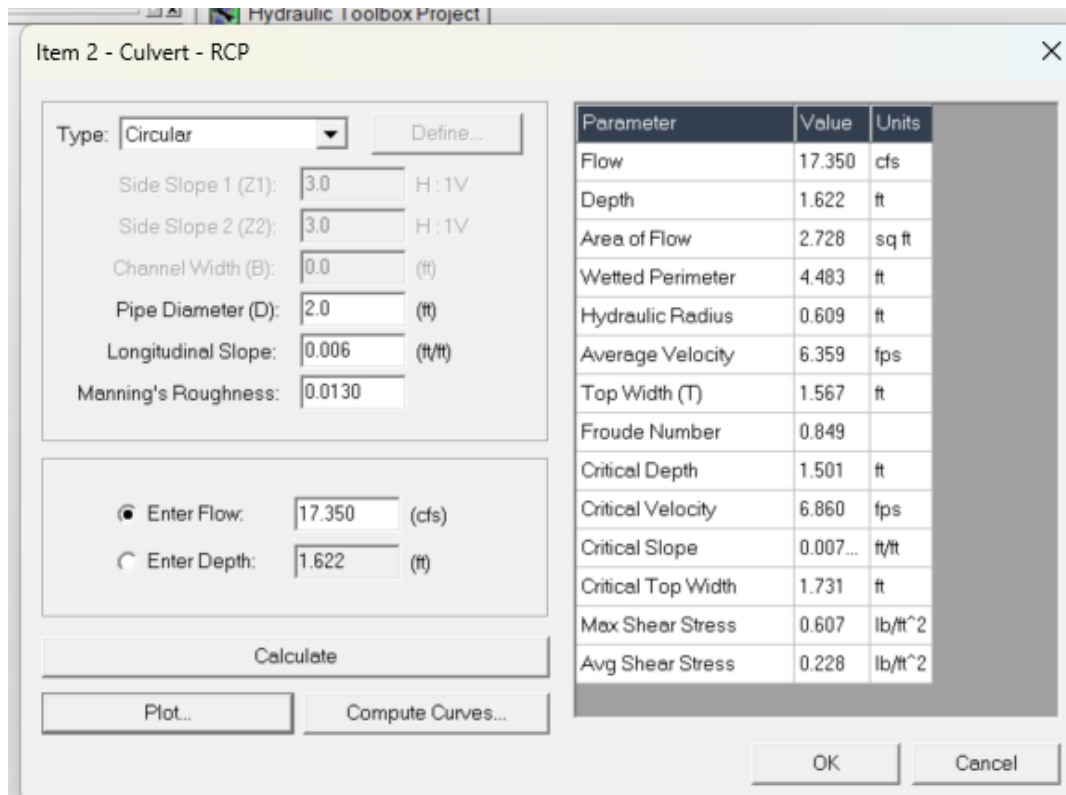
Project No.



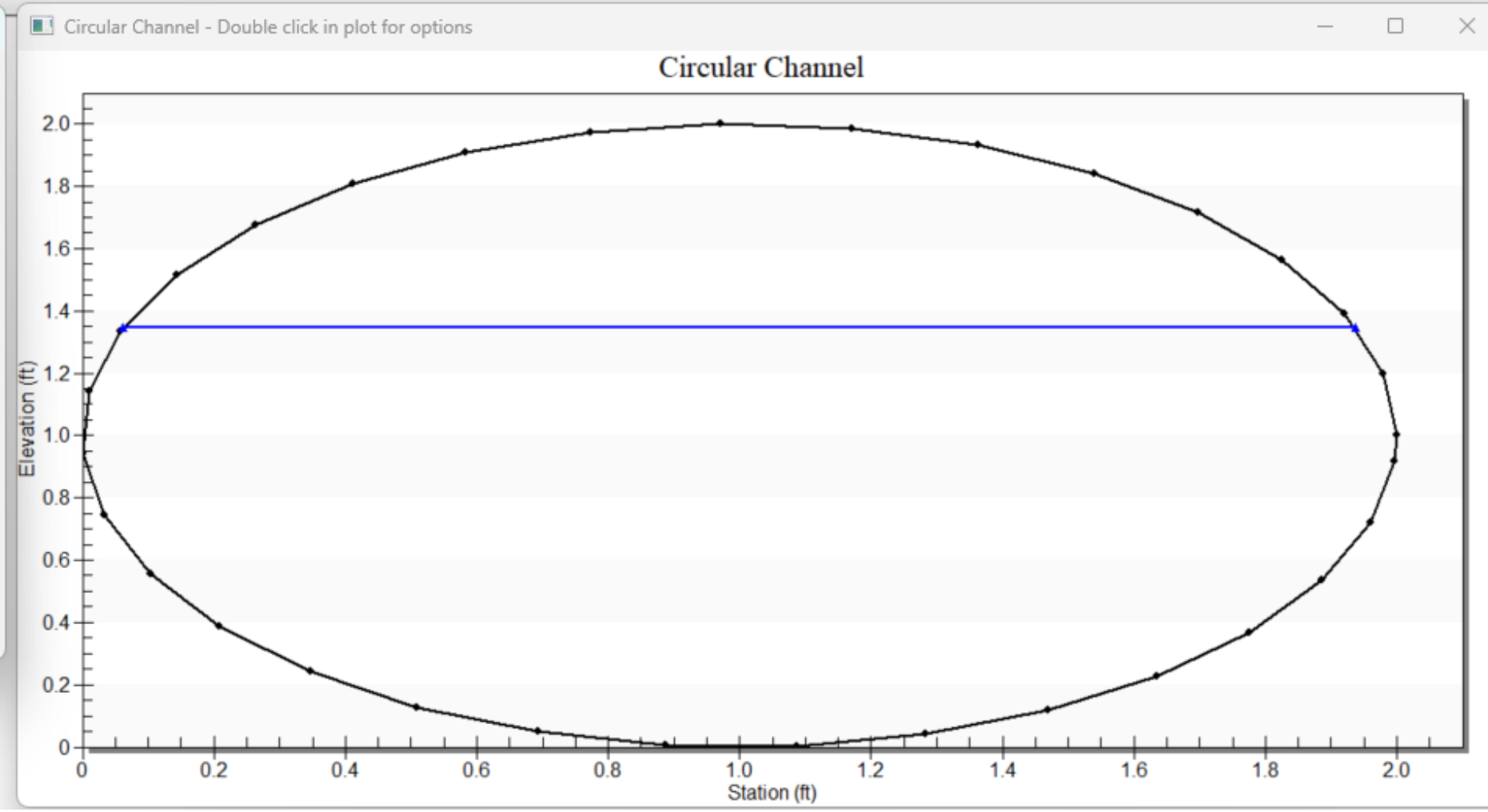
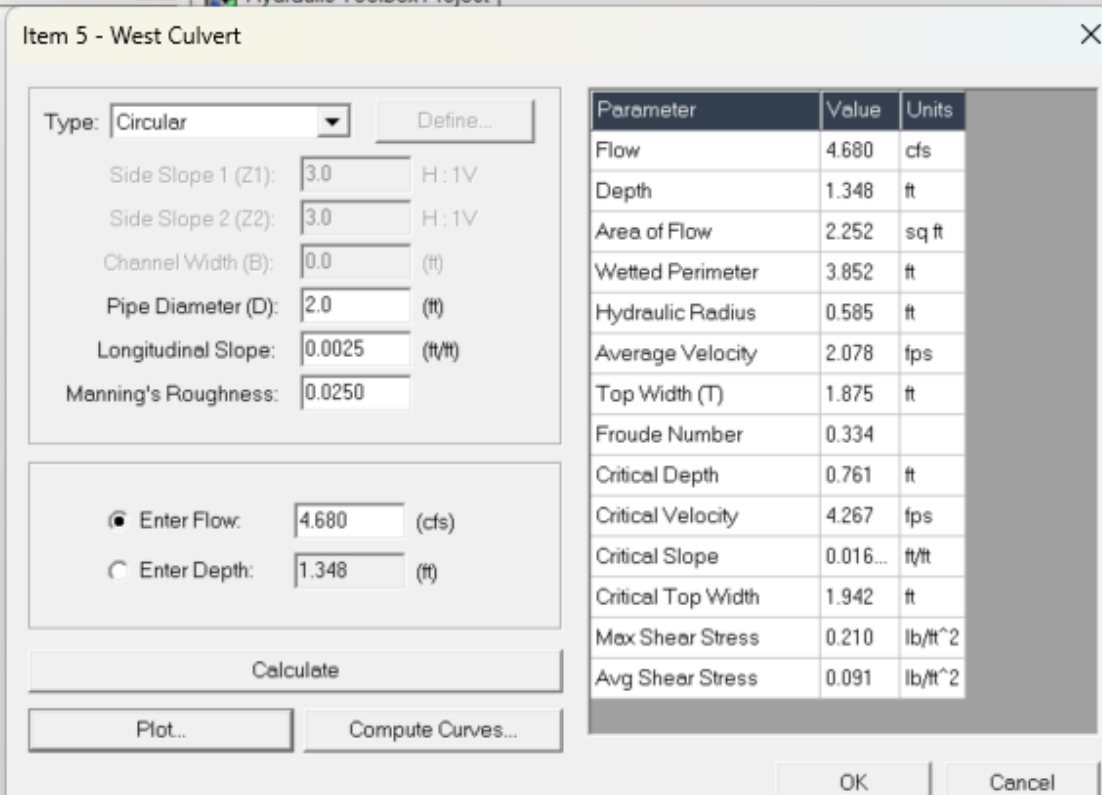
ITEM 1) SWALE TO RECEIVE NORTH 11.24 ACRES OF FLOW



ITEM 4) WEST SWALE

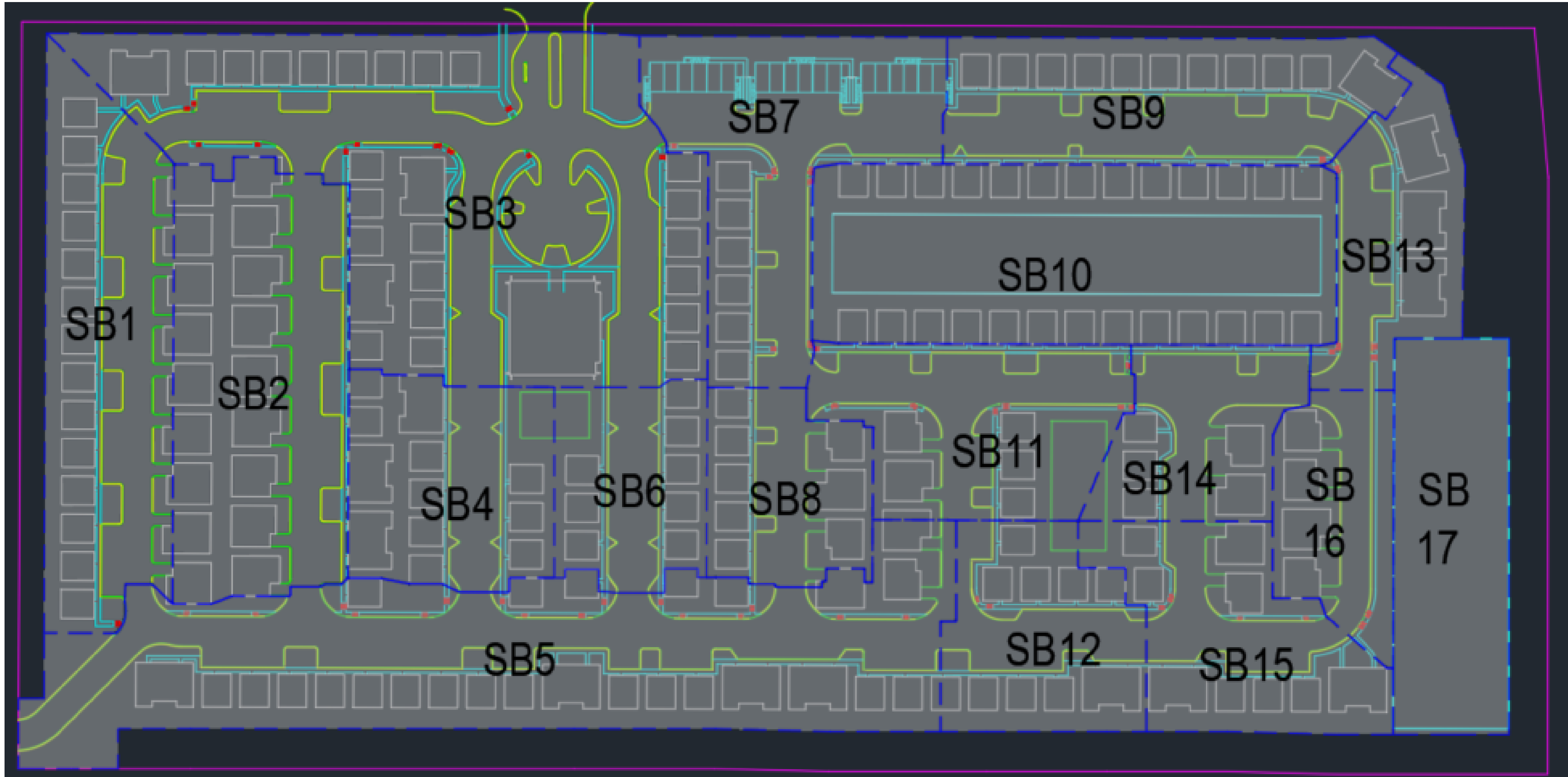


ITEM 2) RCP CULVERT



ITEM 5) WEST CULVERT

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City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
PRELIMINARY APPROVED
DATE: 9/12/2024
BY: *[Signature]*
HydroTrans #: C100003

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PROPOSED LAND TREATMENT STYLES - ABQ DPM TABLE 6.2.9				
SUBBASIN	TOTAL AREA (acres)	LAND TRTMT TYPE B (acres)	LAND TRTMT TYPE C (acres)	LAND TRTMT TYPE D (acres)
1	1.17	0.45	0.00	0.72
2	1.31	0.37	0.00	0.94
3	2.62	1.01	0.00	1.61
4	0.73	0.22	0.00	0.51
5	2.39	0.84	0.00	1.54
6	0.52	0.15	0.00	0.37
7	1.06	0.24	0.00	0.83
8	0.52	0.15	0.00	0.37
9	0.96	0.27	0.00	0.70
10	1.65	0.54	0.68	0.43
11	0.83	0.29	0.00	0.54
12	0.66	0.22	0.00	0.45
13	0.59	0.23	0.00	0.37
14	0.54	0.16	0.00	0.37
15	0.77	0.28	0.00	0.49
16	0.48	0.19	0.00	0.29
17	0.80	0.01	0.79	0.00
TOTAL	17.60	7.52	1.46	8.62

SUBBASIN	100yr FLOW RATE (cfs) - Proposed
1	3.92
2	4.65
3	8.82
4	2.59
5	8.18
6	1.86
7	3.92
8	1.84
9	3.45
10	4.89
11	2.85
12	2.31
13	2.00
14	1.89
15	2.61
16	1.61
17	2.28
TOTAL	55.96

SUBBASIN	100yr FLOW RATE (cfs) - Existing
1	1.79
2	2.01
3	4.04
4	1.13
5	3.68
6	0.80
7	1.64
8	0.80
9	1.48
10	2.54
11	1.28
12	1.02
13	0.91
14	0.82
15	1.18
16	0.74
17	1.23
TOTAL	27.11

100 yr - 10 Day Volumes - Proposed		100yr - 10 Day Volumes Existing	
SUBBASIN	100yr-10day V (ac-ft)	SUBBASIN	100yr-10day V (ac-ft)
1	0.26	1	0.05
2	0.33	2	0.06
3	0.59	3	0.12
4	0.18	4	0.03
5	0.56	5	0.11
6	0.13	6	0.02
7	0.29	7	0.05
8	0.13	8	0.02
9	0.25	9	0.04
10	0.23	10	0.08
11	0.20	11	0.04
12	0.16	12	0.03
13	0.14	13	0.03
14	0.13	14	0.02
15	0.18	15	0.04
16	0.11	16	0.02
17	0.06	17	0.04
TOTAL	3.43	TOTAL	0.81

CobbFendley

Cobb, Fendley & Associates, Inc.
3820 Academy Parkway North NE
Albuquerque, NM 87109
505.508.0786 | www.cobbfn.com

L. BRADFORD SUMMALL
NEW MEXICO
14086
8/26/2024
PROFESSIONAL ENGINEER

[Signature]

JLM LIVING
ALBUQUERQUE, NEW MEXICO

GRADING & DRAINAGE CALCULATIONS (2 OF 2)

Issue Dates:

Drawn By: AAA

Checked by: MFAM

Sheet
C1.4

Project No.