

CITY OF ALBUQUERQUE

Planning Department
Alan Varela, Director



Mayor Timothy M. Keller

August 5, 2022

Ronald Bohannon, P.E.
Tierra West, LLC
5571 Midway Park Place NE
Albuquerque, NM 87109

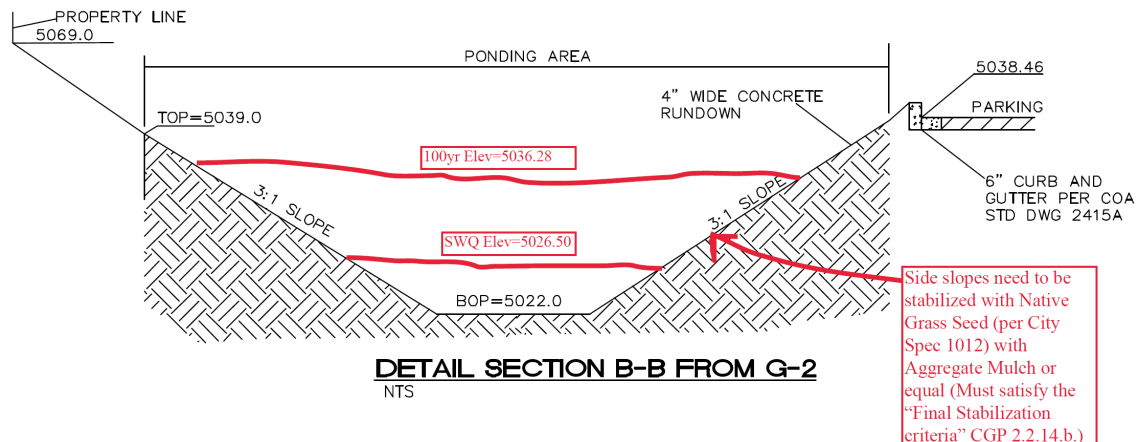
**RE: Andretti Racing
Conceptual Grading and Drainage Plans
Engineer's Stamp Date: No Date
Hydrology File: F16D003E3**

Dear Mr. Bohannon:

Based upon the information provided in your submittal received 07/15/2022, the Grading & Drainage Plan are approved for action by the DRB on Site Plan for Building Permit. However, the following comments need to be addressed prior to Building Permit approval of the above referenced project:

PRIOR TO BUILDING PERMIT:

1. Please add the stormwater quality elevation, 100-year volume elevation, and add this note, "Side slopes need to be stabilized with Native Grass Seed (per City Spec 1012) with Aggregate Mulch or equal (Must satisfy the "Final Stabilization criteria" CGP 2.2.14.b.)" to the pond section.



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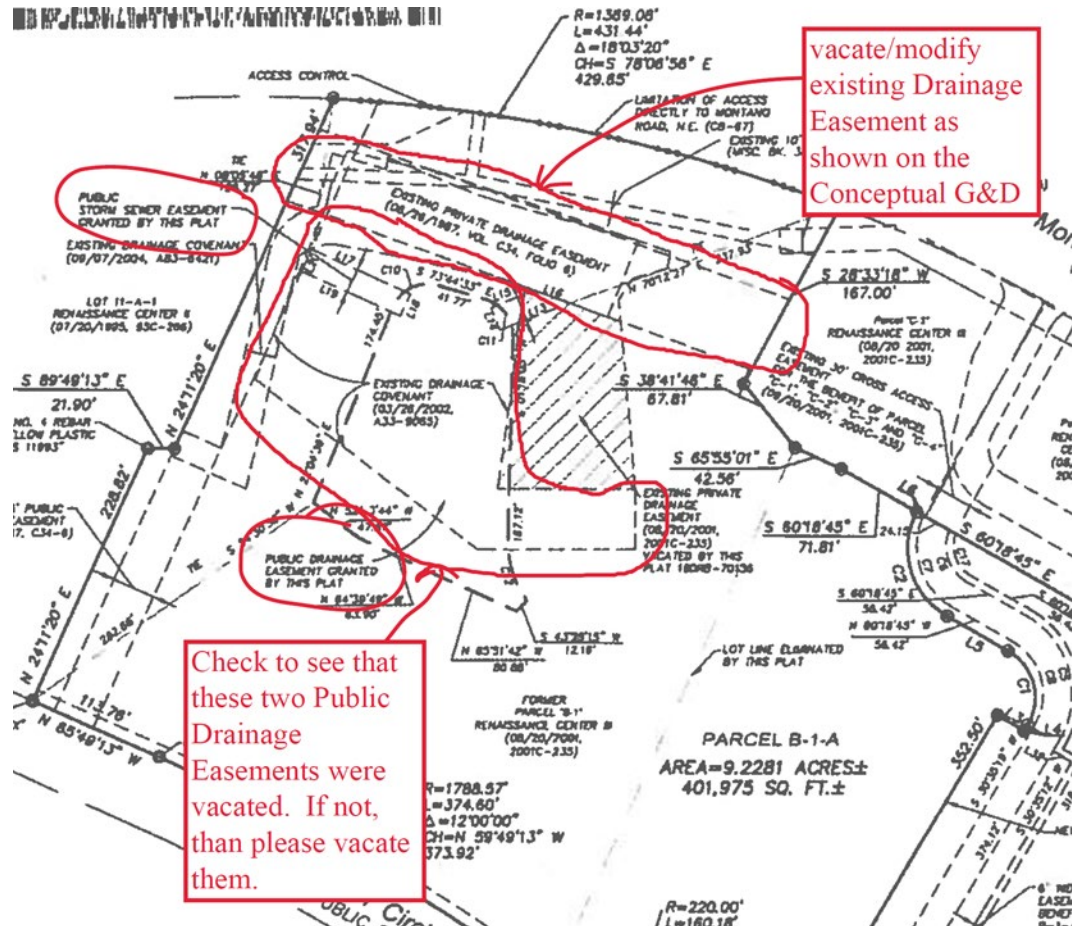
CITY OF ALBUQUERQUE

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- Please clean up some of the existing Drainage Easements currently not needed. Then create two paper Private Drainage Easements, one which you have shown, and then revising the Existing Private Drainage Easement for the existing 24" storm pipe from the adjacent properties. See below.



PO Box 1293

Albuquerque

NM 87103

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- Page 3 of 4

CITY OF ALBUQUERQUE

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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.

If you have any questions, please contact me at 924-3995 or rbrissette@cabq.gov.

Sincerely,

Renée C. Brissette

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department

PO Box 1293

Albuquerque

NM 87103

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City of Albuquerque

Planning Department
Development & Building Services Division

DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

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

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

Legal Description: PARCEL B-1-A CORRECTION PLAT OF PARCELS C-1-A C-1-B AND B-1-A RENAISSANCE CENTER III **UPC:** 101606122811730119

City Address: Desert Surf Cir NE

Applicant: Tierra West LLC **Contact:** JON NISKI

Address: 5571 MIDWAY PARK PLACE NE, ALBUQUERQUE, NM 87109

Phone#: (505) 858-3100 **Fax#:** _____ **E-mail:** JNISKI@TIERRAWESTLLC.COM

Other Contact: _____ **Contact:** _____

Address: _____

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

TYPE OF DEVELOPMENT: _____ PLAT (# of lots) _____ RESIDENCE ☒ DRB SITE _____ ADMIN SITE

IS THIS A RESUBMITTAL? _____ Yes ☒ No

DEPARTMENT _____ TRANSPORTATION ☒ HYDROLOGY/DRAINAGE

Check all that Apply:

TYPE OF SUBMITTAL:

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

TYPE OF APPROVAL/ACCEPTANCE SOUGHT:

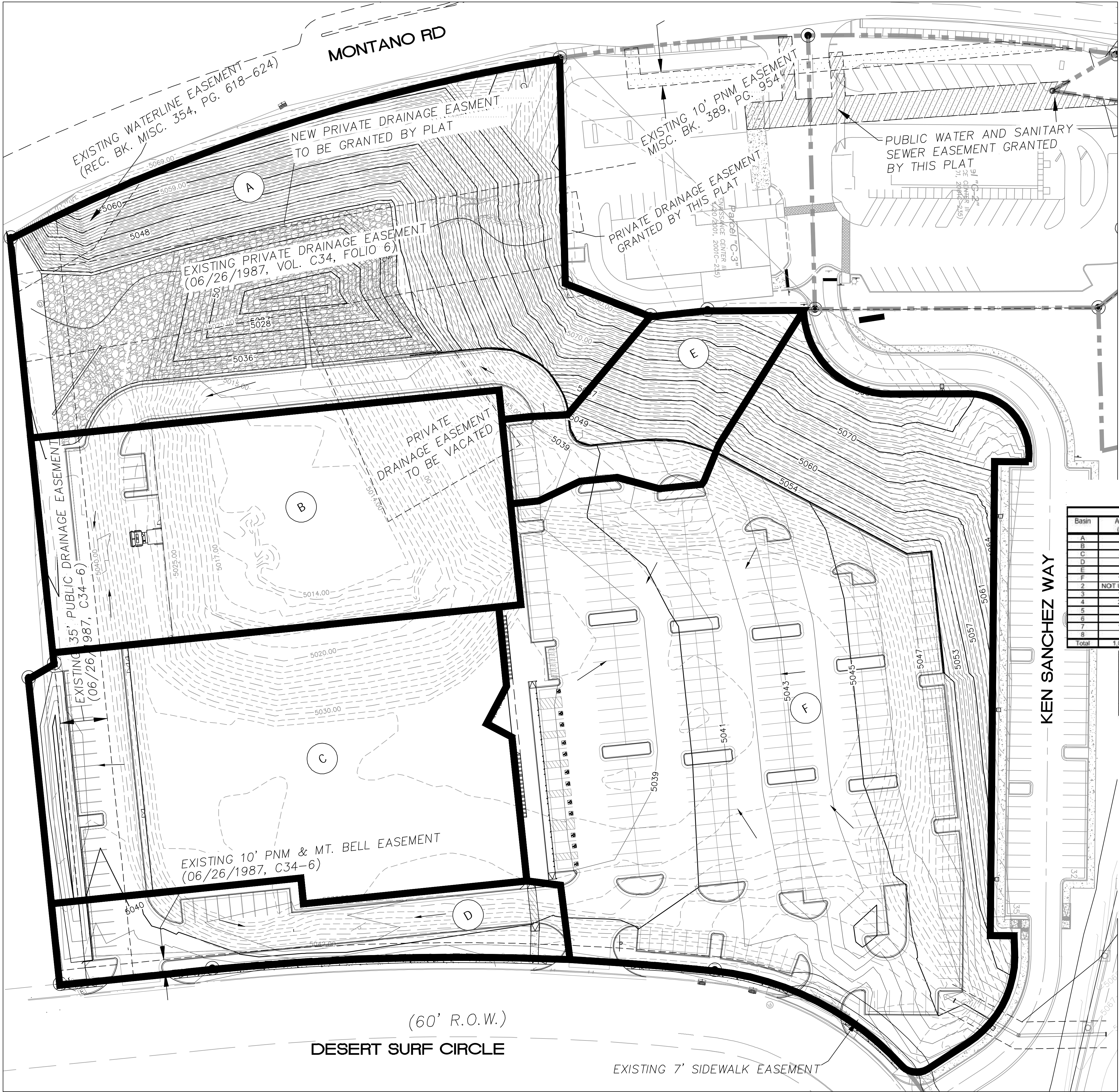
- ☐ BUILDING PERMIT APPROVAL
- ☐ CERTIFICATE OF OCCUPANCY
- ☐ PRELIMINARY PLAT APPROVAL
- ☐ SITE PLAN FOR SUB'D APPROVAL
- ☒ SITE PLAN FOR BLDG. PERMIT APPROVAL
- ☐ FINAL PLAT APPROVAL
- ☐ SIA/ RELEASE OF FINANCIAL GUARANTEE
- ☐ FOUNDATION PERMIT APPROVAL
- ☐ GRADING PERMIT APPROVAL
- ☐ SO-19 APPROVAL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

DATE SUBMITTED: 07.15.2022 **By:** JON NISKI

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: _____

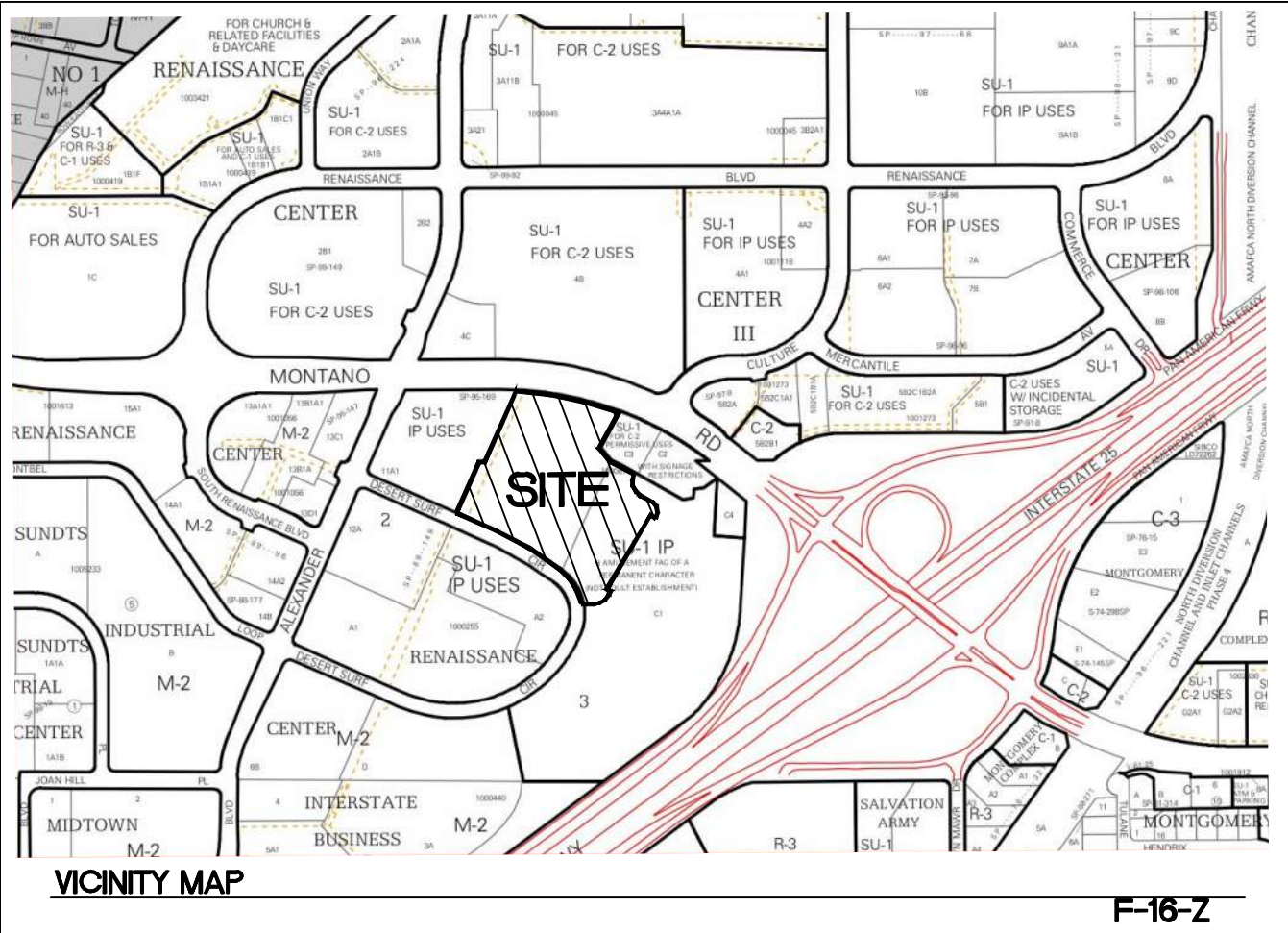
FEE PAID: _____



- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - RIGHT-OF-WAY
 - BUILDING
 - BASIN LIMITS
 - PROPOSED SIDEWALK
 - EXISTING CURB & GUTTER
 - WATER BLOCK
 - LANDSCAPING
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - PROPOSED INDEX CONTOUR
 - PROPOSED CONTOUR
 - FLOW

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
PRELIMINARY APPROVED
DATE: 08/05/22
BY: *Ronald R. Bohannon*
HydroTrans # F16D003E3

THESE PLANS AND/OR REPORT ARE
CONCEPTUAL ONLY. MORE INFORMATION MAY
BE NEEDED IN THE FUTURE AND SUBMITTED TO
HYDROLOGY FOR BUILDING PERMIT APPROVAL.



Weighted E Method

Basin	Area (sf)	Area (acres)	Treatment A		Treatment B		Treatment C		Treatment D		Weighted E	100-Year, 6-hr			10-Year, 6-hr			100-Year, 10 day						
			%	(acres)	%	(acres)	%	(acres)	%	(acres)		Volume (ac-ft)	Flow cfs	Weighted E	Volume (ac-ft)	Flow cfs	Weighted E	Volume (ac-ft)	Flow cfs					
A	84,462	1.94	0%	0.00	10%	0.19	79%	1.53	11%	0.21	1.150	0.186	6.06	0.575	0.083	3.20	1.150	0.212	6.06	0.575	0.083	3.20	1.150	
B	57,317	1.32	0%	0.00	9%	0.12	0%	0.00	91%	1.20	2,192	0.240	5.48	1.401	0.154	3.36	2,192	0.387	5.48	1.401	0.154	3.36	2,192	
C	68,200	1.57	0%	0.00	8%	0.13	0%	0.00	92%	1.44	2,220	0.288	6.55	1.413	0.184	4.02	2,208	0.464	6.55	1.413	0.184	4.02	2,208	
D	20,436	0.47	0%	0.00	35%	0.16	0%	0.00	65%	0.30	1,795	0.070	1.71	1.087	0.042	0.98	1,795	0.108	1.71	1.087	0.042	0.98	1,795	
E	23,275	0.53	0%	0.00	4%	0.02	58%	0.31	38%	0.20	1,515	0.067	1.88	0.864	0.038	1.06	1,515	0.092	1.88	0.864	0.038	1.06	1,515	
F	149,745	3.41	0%	0.00	6%	0.20	24%	0.82	70%	2.39	1,928	0.548	13.38	1.190	0.339	7.98	1,928	0.841	13.38	1.190	0.339	7.98	1,928	
2	NOT USED																							
3	106,762	2.45	0%	0.00	0%	0.00	65%	1.59	35%	0.86	1,485	0.303	8.58	0.841	0.172	4.86	1,485	0.408	8.58	0.841	0.172	4.86	1,485	
4	231,637	5.32	0%	0.00	0%	0.00	0%	0.00	100%	5.32	2,330	1.033	23.08	1.510	0.669	14.41	2,330	1.684	23.08	1.510	0.669	14.41	2,330	
5	61,650	1.42	0%	0.00	0%	0.00	100%	1.42	0%	0.00	1,030	0.121	4.32	0.480	0.057	2.25	1,030	0.121	4.32	0.480	0.057	2.25	1,030	
6	37,190	0.85	0%	0.00	15%	0.13	80%	0.68	5%	0.04	1,061	0.075	2.57	0.305	0.036	1.32	1,061	0.081	2.57	0.305	0.036	1.32	1,061	
7	180,355	4.14	0%	0.00	16%	0.66	0%	0.00	84%	3.48	2,085	0.719	16.66	1.316	0.454	10.05	2,085	1.146	16.66	1.316	0.454	10.05	2,085	
8	16,694	0.38	0%	0.00	5%	0.02	85%	0.33	10%	0.04	1,149	0.037	1.21	0.574	0.018	0.64	1,149	0.041	1.21	0.574	0.018	0.64	1,149	
Total	1,036,723	23.80									15.48		3,689	91.43		2,256	54.14		5,586	91.43				

Excess Precipitation, E (inches)				Peak Discharge (cfs/acre)			
Zone 2	100-Year	10-Year		Zone 2	100-Year	10-Year	
E _a	0.62	0.15		Q _a	1.71	0.41	
E _b	0.8	0.3		Q _b	2.36	0.95	
E _c	1.03	0.48		Q _c	3.05	1.59	
E _t	2.33	1.51		Q _t	4.34	2.71	

Manning's Equation:
 $Q = 1.49 \cdot n \cdot A \cdot R^{2/3} \cdot S^{1/2}$

A = Area
R = D/4
S = Slope
n = 0.011 HDPE

Equations:

Weighted E = $E_a \cdot A_a + E_b \cdot A_b + E_c \cdot A_c + E_d \cdot A_d$ / (Total Area)

Volume = Weighted D * Total Area

Flow = $Q_a \cdot A_a + Q_b \cdot A_b + Q_c \cdot A_c + Q_d \cdot A_d$
Water Quality Calculation: $0.20' \times 15.48 \text{ ac} = 14,610 \text{ cubic feet (0.335 ac-ft)}$

EXISTING DRAINAGE:

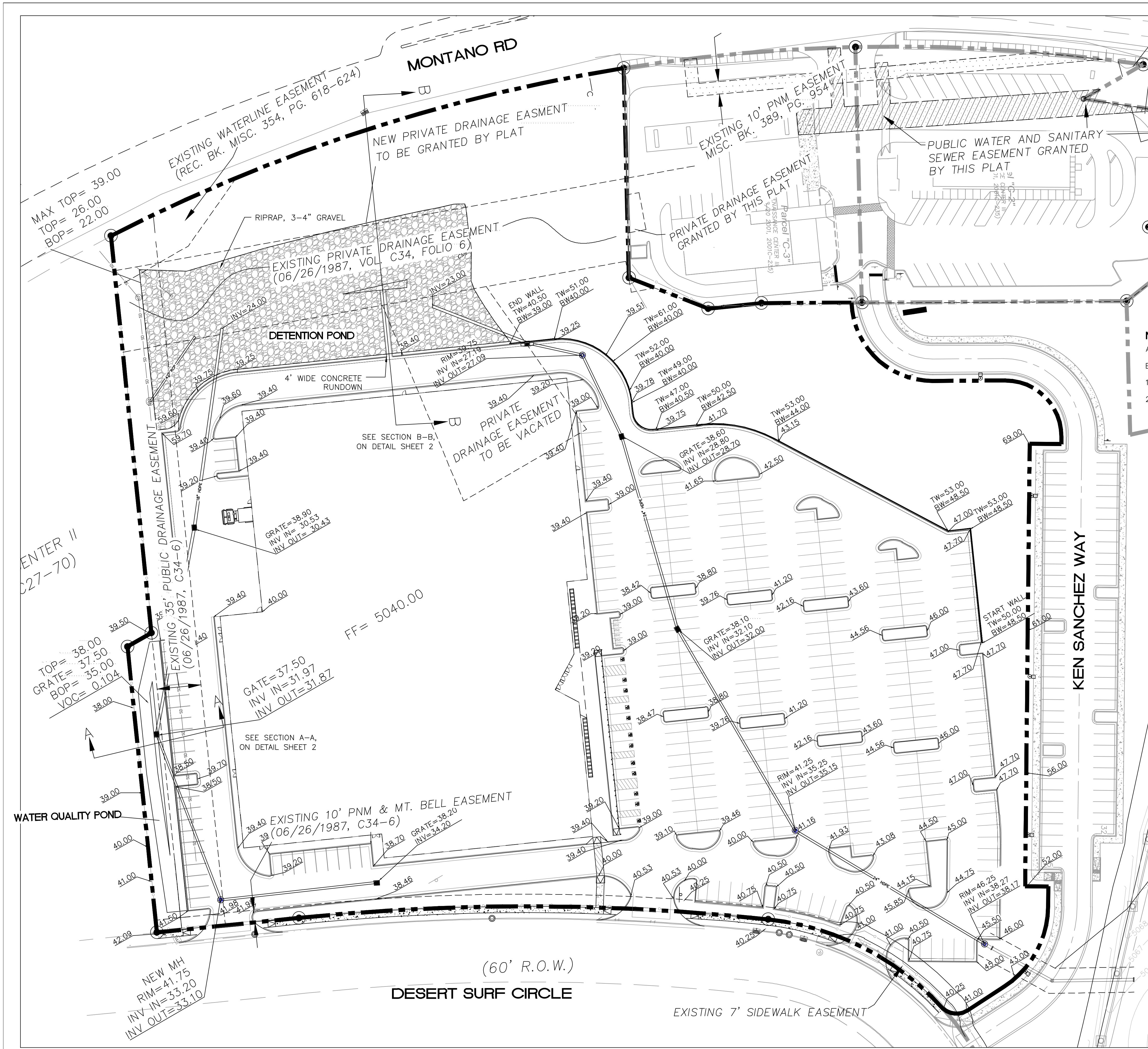
THIS SITE IS CURRENTLY VACANT AND WAS FORMALLY PART OF THE BEACH WATERPARK. THE SITE IS LOCATED WITHIN BASIN 1 OF THE OVERALL TOP GOLF MASTER GRADING AND DRAINAGE PLAN (F16D003E1) COMPLETED BY TIERRA WEST LLC AND APPROVED 10/29/18. THE SITE IS BOUNDED BY REVEL ENTERTAINMENT TO THE WEST, MONTANO ROAD TO THE NORTH, DESERT SURF CIRCLE TO THE SOUTH AND KEN SANCHEZ WAY TO THE EAST. AS PER THE APPROVED OVERALL DRAINAGE PLAN THERE ARE A NUMBER OF PARCELS THAT DRAIN TO THE EXISTING POND LOCATED IN THE NORTHWEST CORNER OF THE SITE. THE SITE IS LOCATED ON FIRM MAP 3500C0138H AS SHOWN ABOVE. THE MAP SHOWS THAT THE SITE DOES NOT LIE WITHIN ANY 100 YEAR FLOOD PLAIN.

PROPOSED DRAINAGE:

THE SITE WILL CONTINUE TO DRAIN AS PER THE APPROVED TOP GOLF DRAINAGE PLAN. ALL OF THE DRAINAGE WILL BE DIRECTED TO THE POND LOCATED IN THE NORTHWEST CORNER OF THE SITE. THE POND IS CURRENTLY A DETENTION POND DUE TO THE DEPTH BUT IT WILL BE RAISED AND CONVERTED BACK TO A RETENTION POND AS IT WAS PREVIOUSLY DESIGNED. ACCORDING TO THE RENAISSANCE CENTER MASTER DRAINAGE PLAN THE DISCHARGE FROM THE POND IS RESTRICTED TO 0.10 CFS PER ACRE THAT DRAINS TO IT. THE POND ACCEPTS DRAINAGE FROM 23.8 ACRES SO THE RELEASE RATE WILL BE 2.38 CFS. THE POND IS SIZED FOR THE 100YR, 6HR STORM AND WILL ALSO RETAIN THE REQUIRED STORM WATER QUALITY VOLUME PER THE DPM. OFF SITE FLOWS ARE ALSO DIRECTED TO THIS POND AND WILL BE RELEASED AT A RATE OF 36.28 CFS WHICH IS THE FLOW IN THE PIPE PRIOR TO THE DIVERSION. THEREFORE THE TOTAL DISCHARGE FROM THE POND WILL BE 38.66 CFS

NOTE
ADD 5000 TO ALL SPOT ELEVATIONS
ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED

ENGINEER'S SEAL	ANDRETTI'S RACING ALBUQUERQUE, NM	DRAWN BY JL
	CONCEPTUAL DRAINAGE PLAN	DATE 6-8-22
RONALD R. BOHANNAN P.E. #7868	TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	DRAWING
		SHEET # GR-1
		JOB # 2022011



- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - RIGHT-OF-WAY
 - BUILDING
 - PROPOSED SIDEWALK
 - EXISTING CURB & GUTTER
 - WATER BLOCK
 - LANDSCAPING
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - FLOW

NOTE
ADD 5000 TO ALL SPOT ELEVATIONS
ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED
1. SEE SHEET GR-3 FOR STORM SEWER INFORMATION
2. SEE SHEET GR-4 FOR RETAINING WALL INFORMATION

- EROSION CONTROL NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
 - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
 - CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 - REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
 - ALL SLOPES NOT STABILIZED AT THE END OF THE PROJECT SHALL BE STABILIZED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE SPECS OR 3" GRAVEL

- NOTICE TO CONTRACTORS**
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
 - ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
 - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
 - MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
 - WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

VOLUME CALCULATIONS

Water Quality Pond

Ab - Bottom Of The Pond Surface Area
At - Top Of The Pond Surface Area
D - Water Depth
Dt - Total Pond Depth
C - Change In Surface Area / Water Depth

Volume = $Ab * D + 0.5 * C * D^2$
 $C = (At - Ab) / Dt$
Ab = 667.00
At = 4,184.00
Dt = 3.00
C = 1172.33

ACTUAL ELEV.	DEPTH (FT)	VOLUME (AC-FT)
5035.00	0.00	0.00
5035.50	0.50	0.0077
5036.00	1.00	0.0187
5036.50	1.50	0.0364
5037.00	2.00	0.0609
5037.50	2.50	0.0921
5038.00	3.00	0.1300

Grate Elevation

VOLUME CALCULATIONS

DETENTION POND

Ab - Bottom Of The Pond Surface Area
At - Top Of The Pond Surface Area
D - Water Depth
Dt - Total Pond Depth
C - Change In Surface Area / Water Depth

Volume = $Ab * D + 0.5 * C * D^2$
 $C = (At - Ab) / Dt$
Ab = 940.00
At = 29,965.00
Dt = 16.50
C = 1759.09

ACTUAL ELEV.	DEPTH (FT)	VOLUME (AC-FT)	Q (CFS)
5022.50	0.00	0.00	0.0000
5023.50	1.00	0.0216	0.0000
5024.50	2.00	0.0634	0.0000
5025.50	3.00	0.1455	0.0000
5026.50	4.00	0.2680	0.0000
5027.50	5.00	0.4310	3.5176
5028.50	6.00	0.6343	13.4573
5029.50	7.00	0.8780	18.7036
5030.50	8.00	1.1620	22.7717
5031.50	9.00	1.4865	26.2160
5032.50	10.00	1.8513	29.2575
5033.50	11.00	2.2565	32.0114
5034.50	12.00	2.7021	34.5464
5035.50	13.00	3.1881	36.9078
5036.28	13.78	3.5974	38.6583
5037.00	14.50	3.9951	40.1988
5038.50	16.00	4.8909	43.2323
5039.00	16.50	5.2097	44.1973

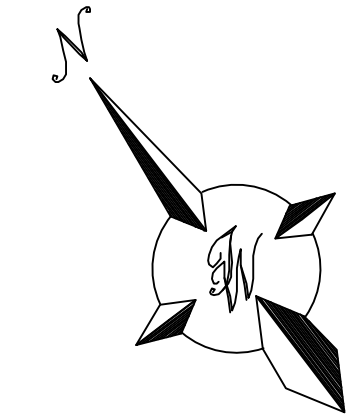
Water Quality Elevation

100-yr Volume

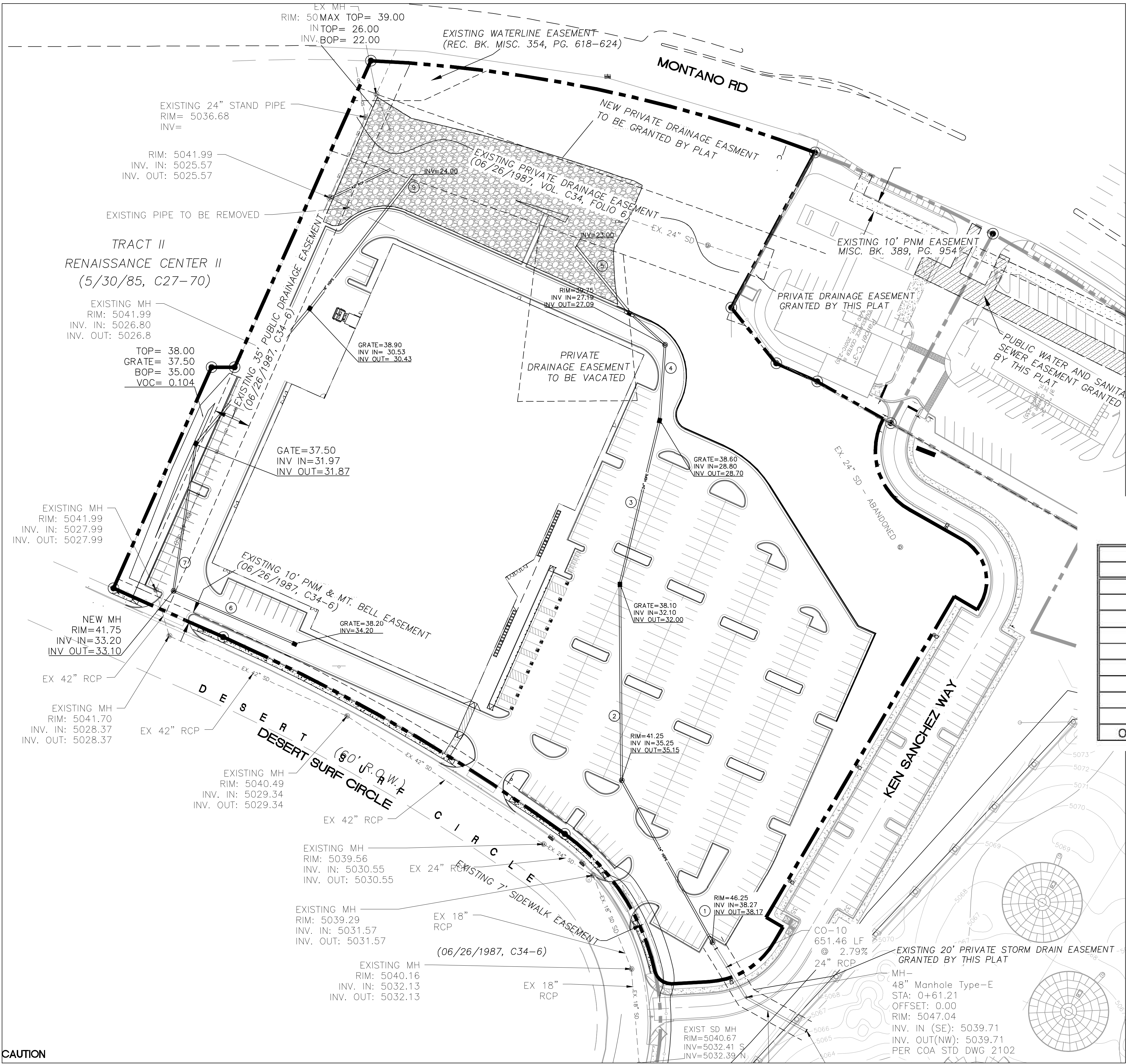
Orifice Equation
 $Q = CA \text{ SQRT}(2gH)$

C = 0.6
Diameter (in) = 22.24
Area (ft²) = 2.698
g = 32.2
H (ft) = Depth of water above center of orifice
Q (CFS) = Flow 1

City of Albuquerque
Planning Department
Development Review Services
HYDROLOGY SECTION
PRELIMINARY APPROVED
DATE: 08/05/22
BY: *Ronald R. Bohannon*
HydroTrans # F16D003E3
THESE PLANS AND/OR REPORT ARE CONCEPTUAL ONLY. MORE INFORMATION MAY BE NEEDED IN THEM AND SUBMITTED TO HYDROLOGY FOR BUILDING PERMIT APPROVAL.



ENGINEER'S SEAL	ANDRETTI'S RACING ALBUQUERQUE, NM	DRAWN BY JL
	CONCEPTUAL GRADING PLAN	DATE 6-8-22
RONALD R. BOHANNAN P.E. #7868	TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	DRAWING
		SHEET # GR-2
		JOB # 2022011



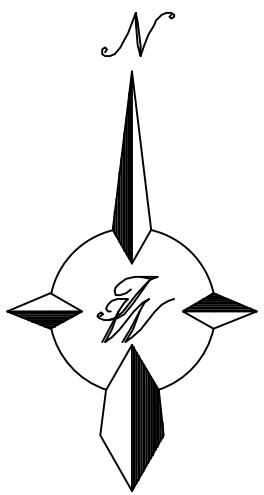
LEGEND	
	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	CENTERLINE
	RIGHT-OF-WAY
	BUILDING
	PROPOSED STORM DRAIN
	PROPOSED SIDEWALK
	EXISTING CURB & GUTTER
	WATER BLOCK
	LANDSCAPING

Pipe Capacity

Pipe	D (in)	Slope (%)	Area (ft^2)	R	Q Provided (cfs)	Q Required (cfs)	Velocity (ft/s)
1	24	1.66	3.14	0.500	34.54	23.08	7.35
2	24	1.64	3.14	0.500	34.33	23.08	7.35
3	24	2.00	3.14	0.500	37.91	36.44	11.60
4	24	2.10	3.14	0.500	38.85	38.32	12.20
5	24	2.34	3.14	0.500	41.01	38.32	12.20
6	18	0.80	1.77	0.375	11.13	1.71	0.97
7	18	0.80	1.77	0.375	11.13	1.71	0.97
8	18	0.80	1.77	0.375	11.13	8.26	4.67
9	18	3.59	1.77	0.375	23.58	13.74	7.78
Outlet Pipe	24	2.08	3.14	0.500	38.66	38.66	12.31

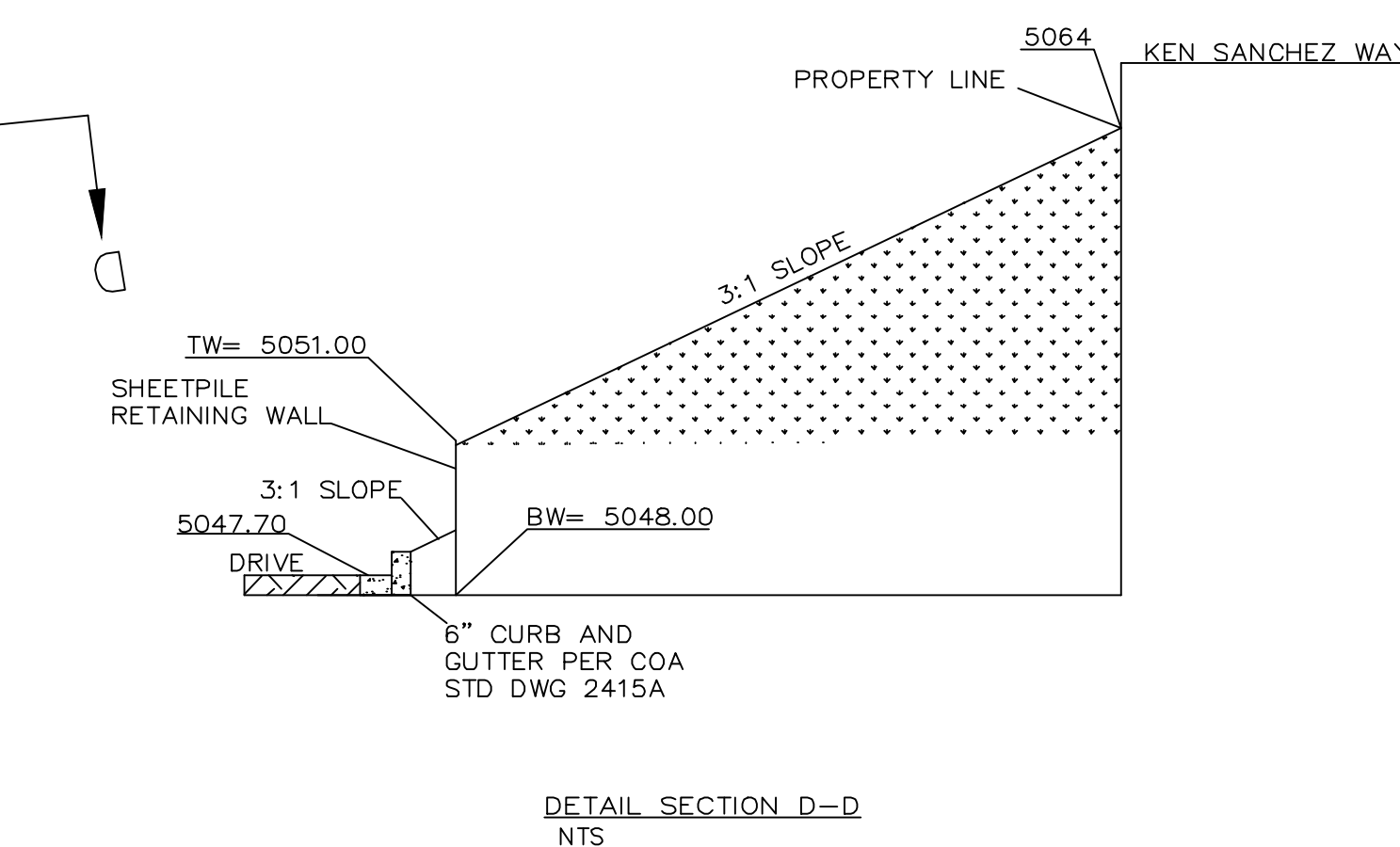
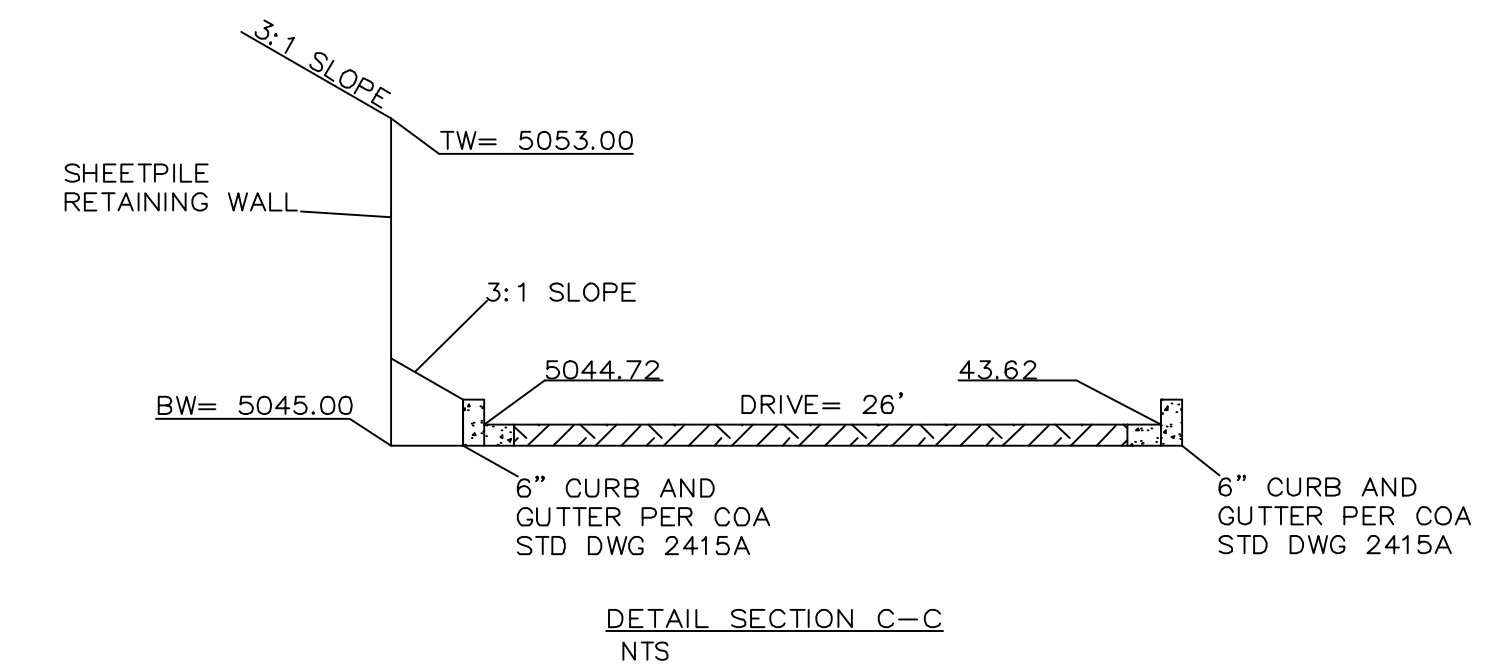
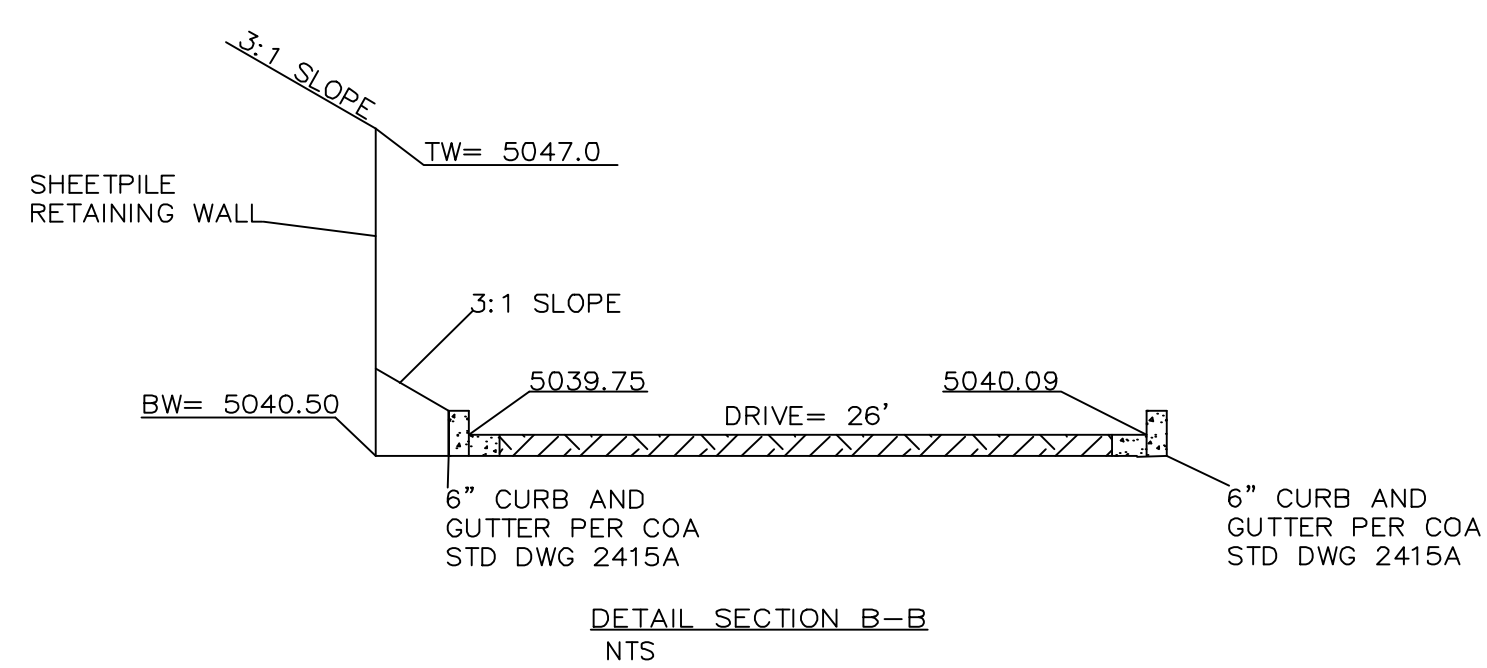
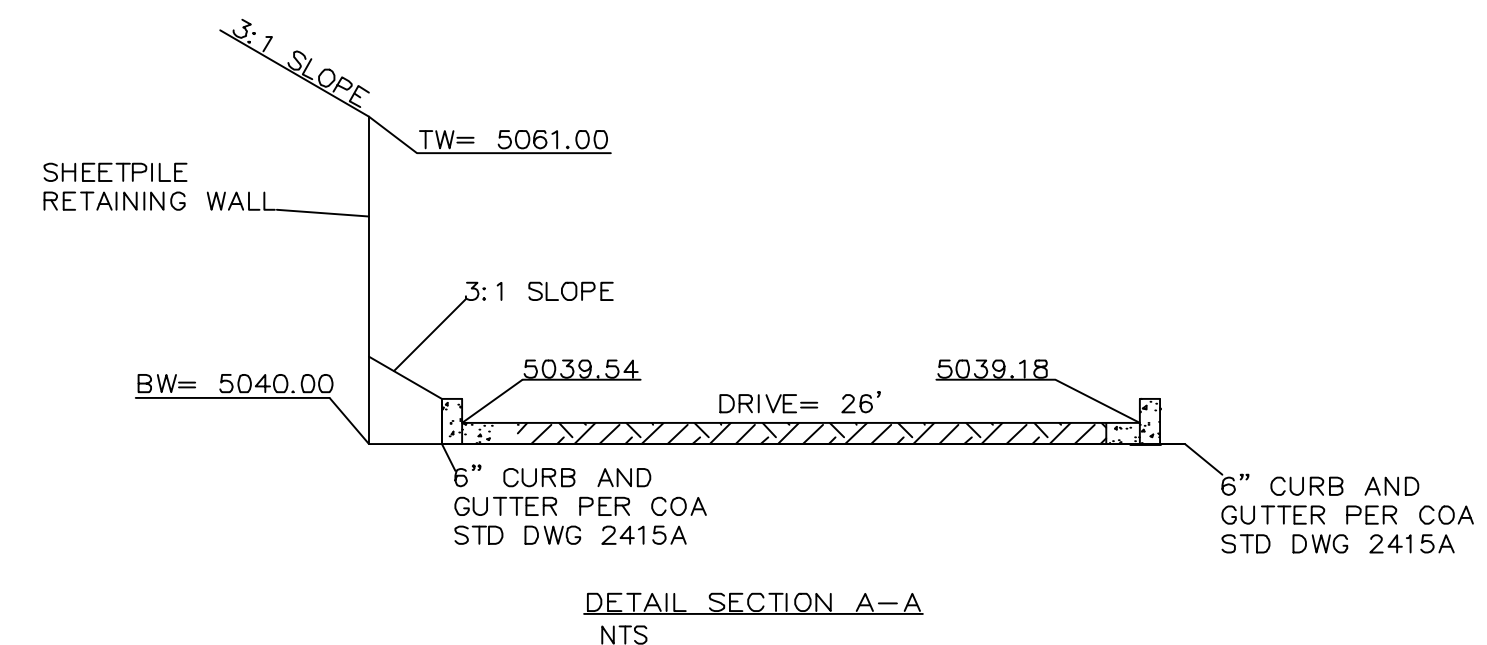
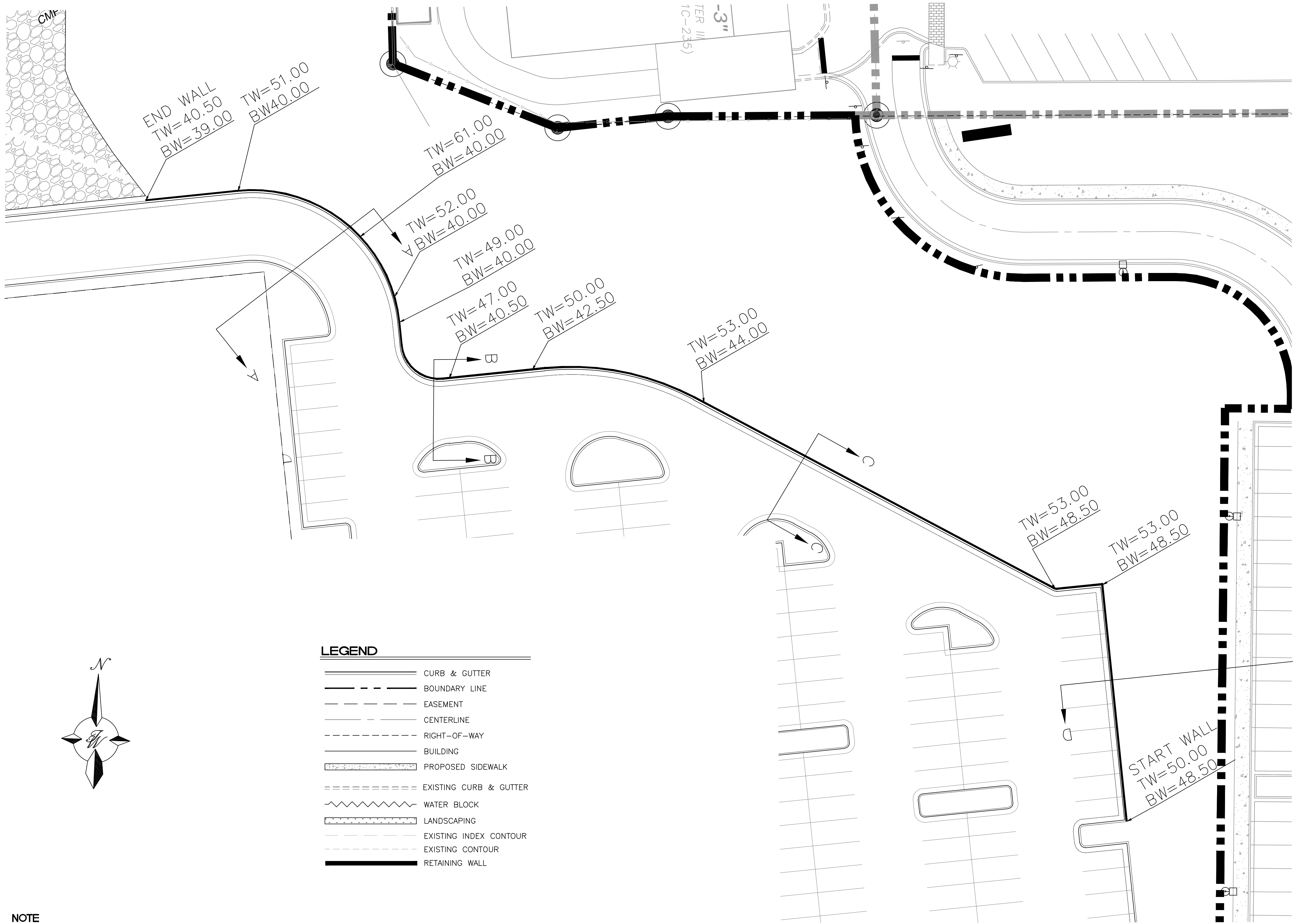
CAUTION
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

NOTE
ADD 5000 TO ALL SPOT ELEVATIONS
ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED



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	DATE 6-8-22	DRAWING
	STORM SEWER/POND PLAN	SHEET # GR-3
	 TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	JOB # 2022011
RONALD R. BOHANNAN P.E. #7868		



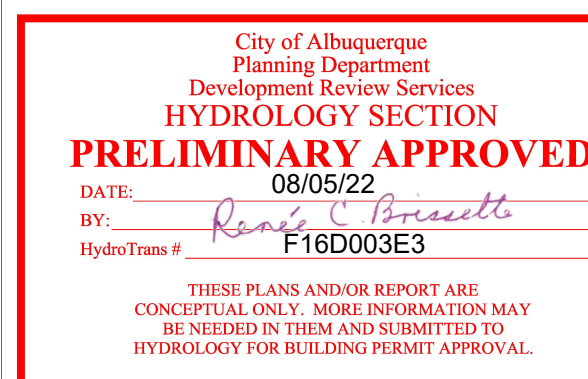
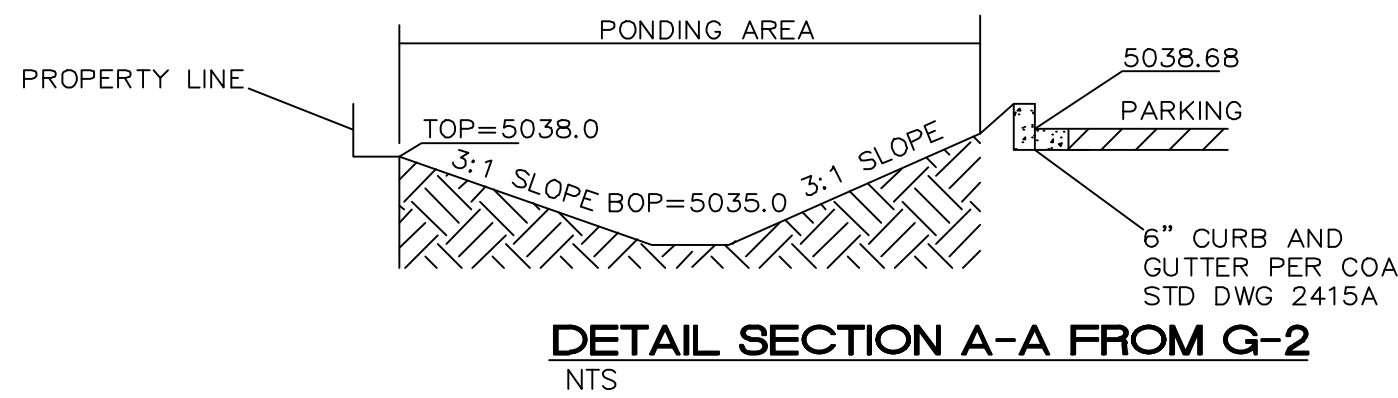
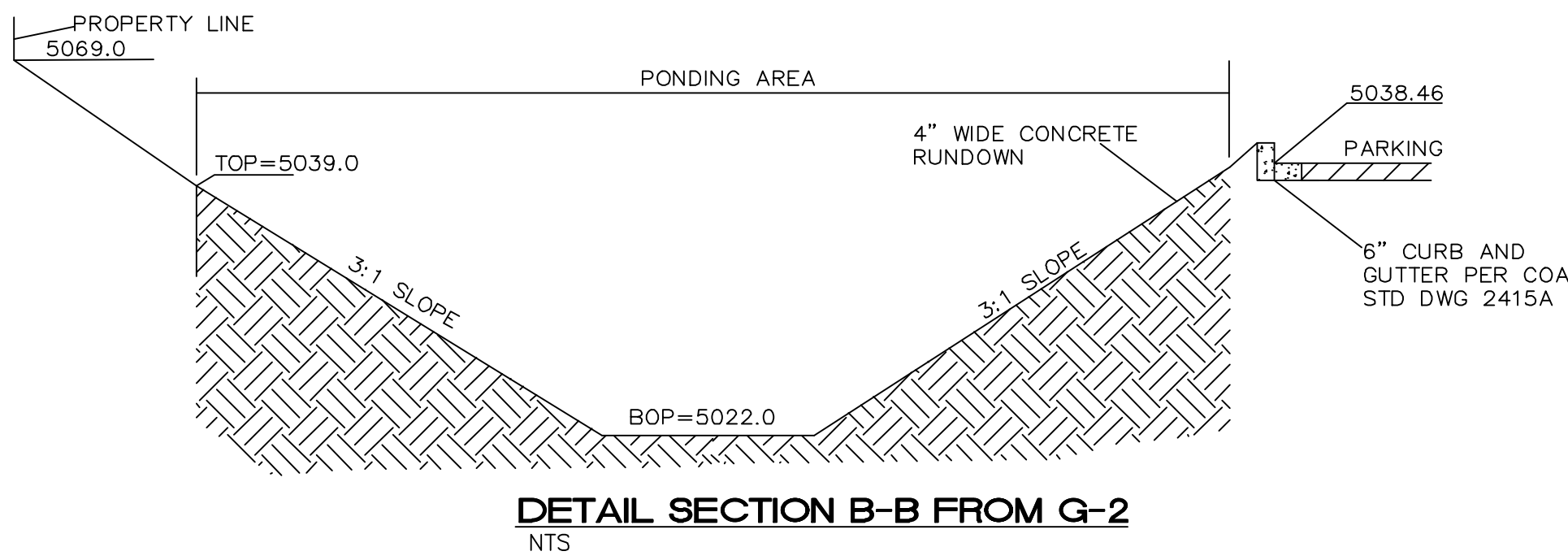
- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EASEMENT
 - CENTERLINE
 - RIGHT-OF-WAY
 - BUILDING
 - PROPOSED SIDEWALK
 - EXISTING CURB & GUTTER
 - WATER BLOCK
 - LANDSCAPING
 - EXISTING INDEX CONTOUR
 - EXISTING CONTOUR
 - RETAINING WALL


NOTE
ADD 5000 TO ALL SPOT ELEVATIONS
ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED

CAUTION
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.



ENGINEER'S SEAL	ANDRETTI'S RACING ALBUQUERQUE, NM	DRAWN BY JL
	RETAINING WALL PLAN	DATE 6-8-22
	TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # GR-4
RONALD R. BOHANNAN P.E. #7868		JOB # 2022011



ENGINEER'S SEAL	ANDRETTI'S RACING ALBUQUERQUE, NM	DRAWN BY JL
		DATE 6-8-22
		DRAWING
	DETAIL	
RONALD R. BOHANNAN P.E. #7868	 TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # GR-2
		JOB # 2022011