



# City of Albuquerque

Planning Department  
Development & Building Services Division

## DRAINAGE AND TRANSPORTATION INFORMATION SHEET (REV 6/2018)

**Project Title:** Jiffy Lube 130 Coors Blvd NW Building Permit #: \_\_\_\_\_ Hydrology File #: \_\_\_\_\_  
DRB#: \_\_\_\_\_ EPC#: \_\_\_\_\_ Work Order#: \_\_\_\_\_  
Legal Description: TR C1 PLAT OF TRACTS C1 & C2 ATRISCO VILLAGE CONT .3768AC  
City Address: 130 COORS BLVD NW, ALBUQUERQUE, NM 87185

**Applicant:** Tierra West, LLC Contact: LUIS NORIEGA  
Address: 5571 MIDWAY PARK PLACE NE, ALBUQUERQUE, NM 87109  
Phone#: (505) 858-3100 Fax#: \_\_\_\_\_ E-mail: LNORIEGA@TIERRAWESTLLC.COM

**Other Contact:** LUBRICAR PROPERTIES IV LLC Contact: \_\_\_\_\_  
Address: 3520 CALLE CUERVO NW, ALBUQUERQUE, NM 87114-9220  
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) \_\_\_\_\_

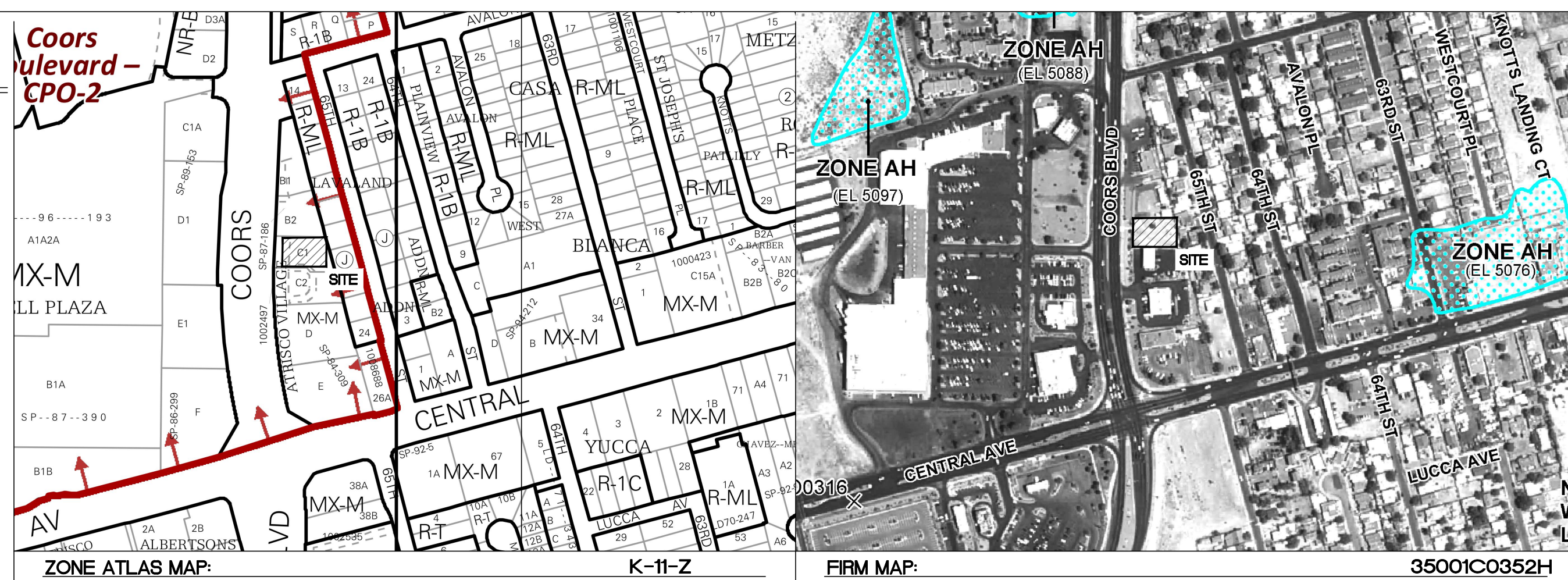
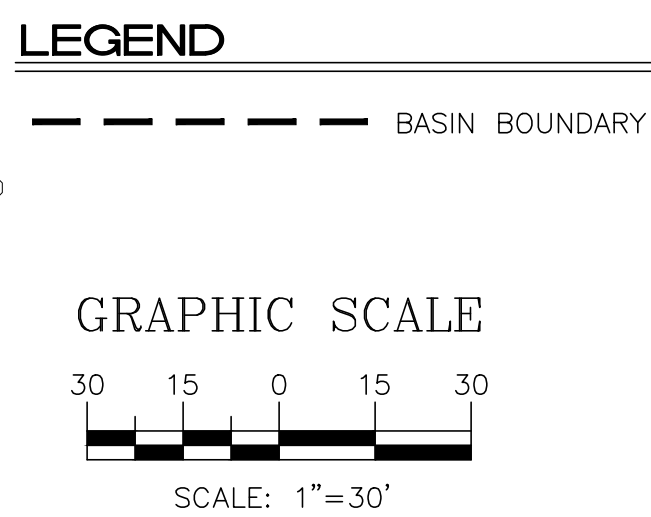
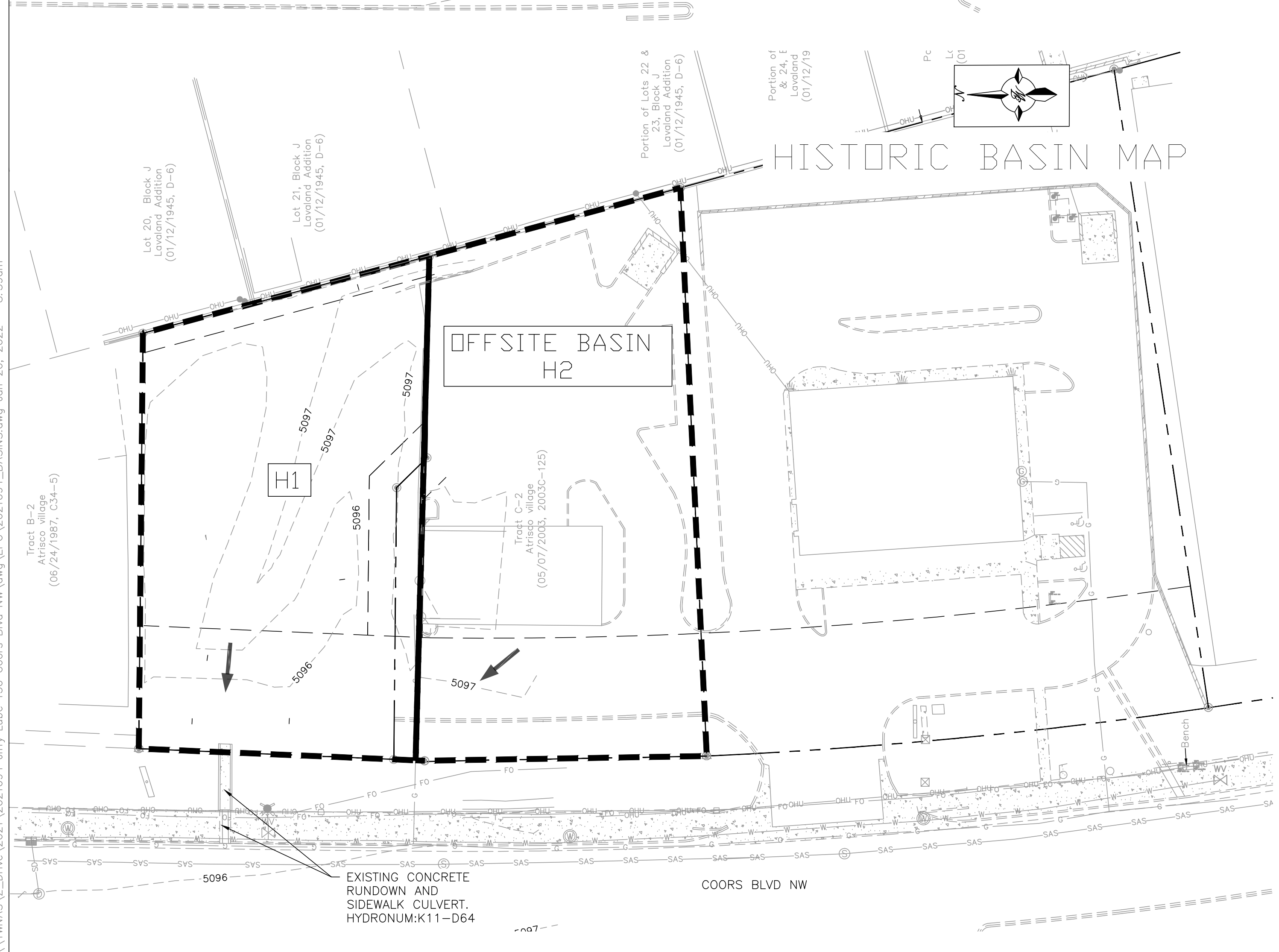
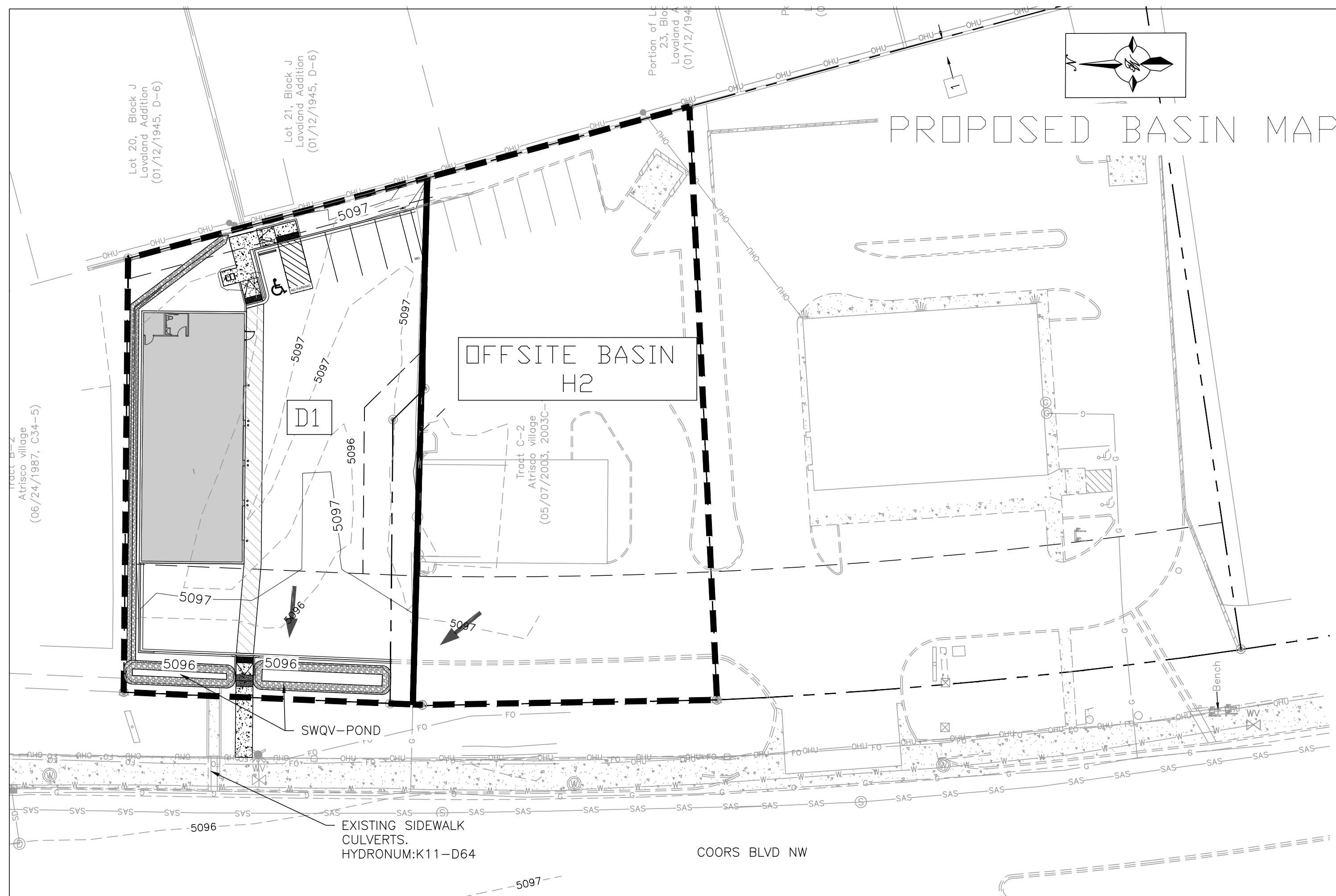
DATE SUBMITTED: 01/20/2022 By: LUIS NORIEGA

COA STAFF:

ELECTRONIC SUBMITTAL RECEIVED: \_\_\_\_\_

FEE PAID: \_\_\_\_\_





**Existing Conditions**

Basin ID	Tract	Basin Descriptions										100-Year, 6-Hr			
		Area (sf)	Area (acres)	Area (sq miles)	Treatment A %	Treatment A (acres)	Treatment B %	Treatment B (acres)	Treatment C %	Treatment C (acres)	Treatment D %	Treatment D (acres)	Weighted E (in)	Volume (ac-ft)	Flow (cfs)
H1	C-1	17,292	0.40	0.00062	0%	0.000	0%	0.000	100%	0.397	0%	0.000	0.950	0.031	1.14
H2	C-2	19,498	0.45	0.00070	0%	0.000	5%	0.022	15%	0.067	80%	0.358	1.971	0.074	1.72
<b>Total</b>		<b>36,790</b>	<b>0.84</b>	<b>0.00132</b>		<b>0.000</b>		<b>0.022</b>		<b>0.464</b>		<b>0.358</b>		<b>0.105</b>	<b>2.86</b>

**Proposed Conditions**

Basin ID	Tract	Basin Descriptions										100-Year, 6-Hr			
		Area (sf)	Area (acres)	Area (sq miles)	Treatment A %	Treatment A (acres)	Treatment B %	Treatment B (acres)	Treatment C %	Treatment C (acres)	Treatment D %	Treatment D (acres)	Weighted E (in)	Volume (ac-ft)	Flow (cfs)
D1	C-1	17,292	0.40	0.00062	0%	0.000	5%	0.020	15%	0.060	80%	0.318	1.971	0.065	1.52
H2	C-2	19,498	0.45	0.00070	0%	0.000	5%	0.022	15%	0.067	80%	0.358	1.971	0.074	1.72
<b>Total</b>		<b>36,790</b>	<b>0.84</b>	<b>0.00132</b>		<b>0.000</b>		<b>0.042</b>		<b>0.127</b>		<b>0.676</b>		<b>0.139</b>	<b>3.239</b>

Stormwater Quality Volume	
Total Impervious Area =	ΣArea in "Treatment D"
Retainage depth = 0.42" Per DPM	0.0350
Retention Volume =	0.035 x area D
Area D (0.318) =	13,852
Volume Provided =	484.82
Volume Provided =	513

**Equations:**

Weighted E = Ea\*Aa + Eb\*Ab + Ec\*Ac + Ed  
 Volume = Weighted E \* Total Area  
 Flow = Qa\*Aa + Qb\*Ab + Qc\*Ac + Qd\*Ad

SWQ Pond Volume Calculation	
Top Area	785 Sq. Ft.
Bottom Area	241 Sq. Ft.
Area at Mid Depth	513 Sq. Ft.
Depth of Pond	1 Ft.
Provided Volume	513 Cubic Ft.
Required Volume	485 Cubic Ft.

Excess Precipitation, E (in.)		
Zone	100-Year	10-Year
Ea	0.55	0.08
Eb	0.73	0.22
Ec	0.95	0.44
Ed	2.24	1.24

Peak Discharge (cfs/acre)		
Zone	100-Year	10-Year
Qa	1.54	0.3
Qb	2.16	0.81
Qc	2.87	1.46
Qd	4.12	2.57

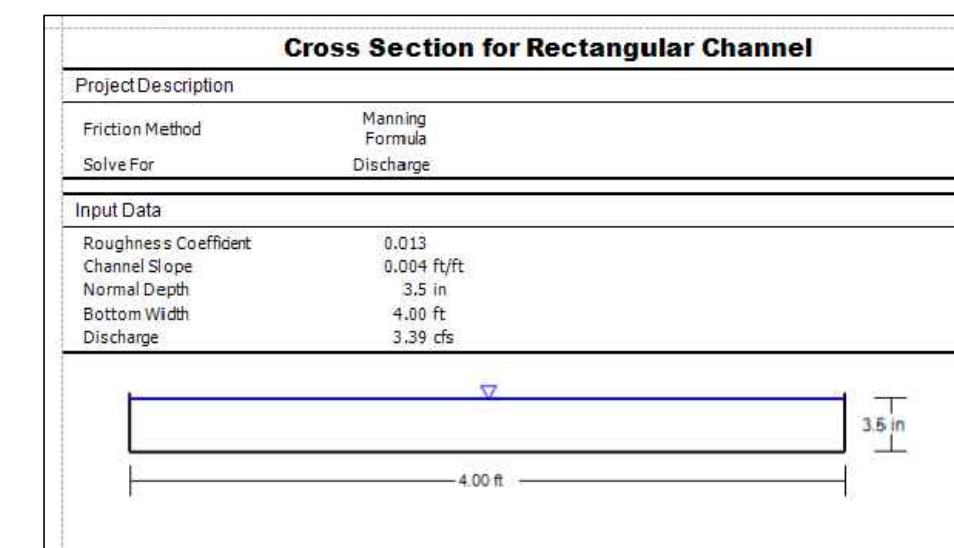
**Pond Discharge-Weir Calculations**

SWQ POND VOLUME CALCULATIONS			
ELEVATION (ft)	AREA (sf)	VOLUME (cf)	CUMULATIVE VOLUME (cf)
0	241	0	0
1	785	513	513
2	1300	1042.5	1556

SWQ POND STORAGE				
ACTUAL ELEV. (FT)	H (FT)	VOLUME (CF)	Q (CFS)	VOLUME (AC-FT)
0	0.00	0	0.00	0.0000
1	0.00	513	0.00	0.0118
2	0.50	1556	3.82	0.0357

**Weir Equation**

Q =	CLH <sup>3/2</sup> (3/2)
C =	2.7
L (FT) =	4
H (FT) =	Head
Q (CFS) =	Flow

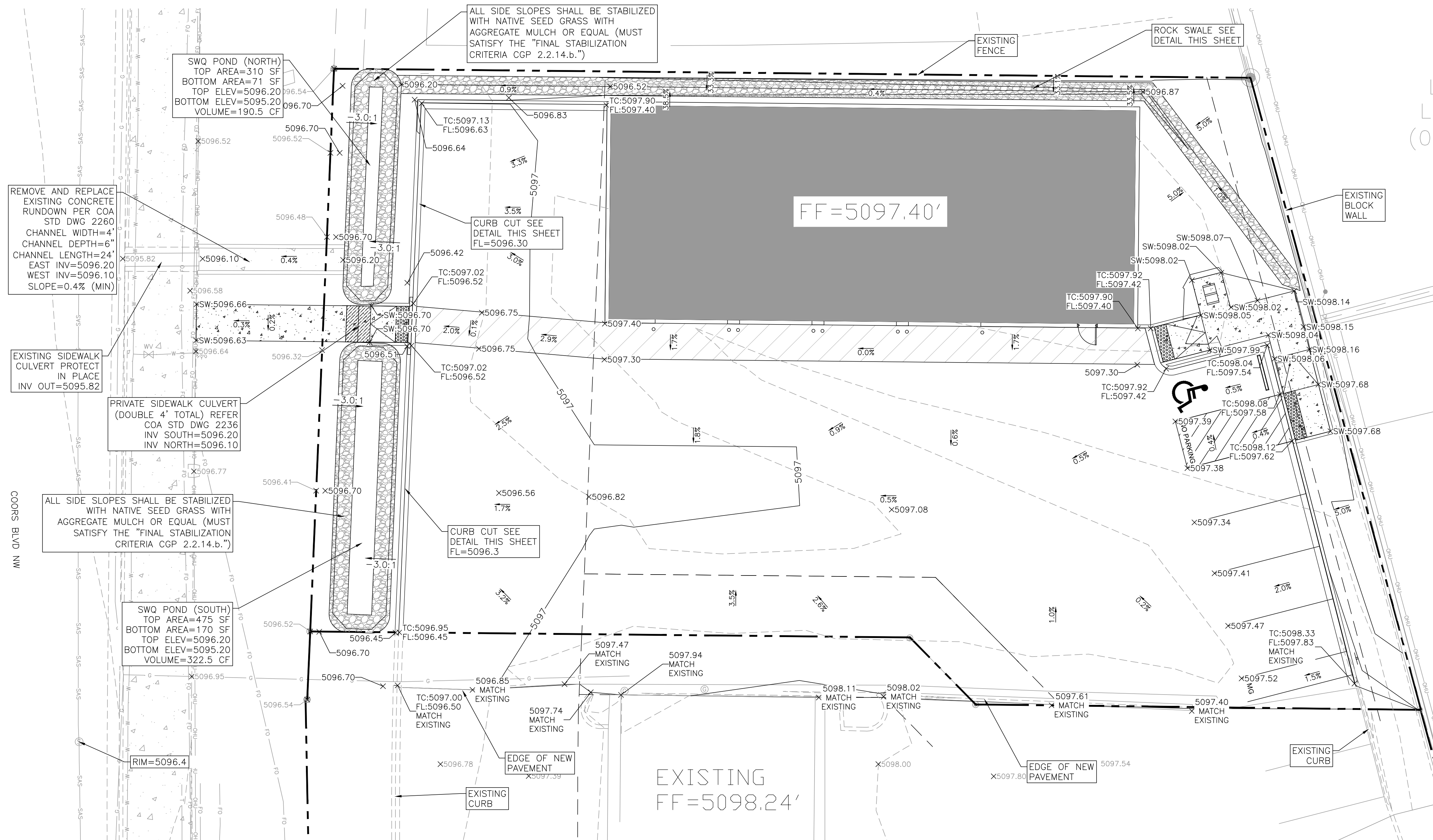


	<b>ENGINEER'S SEAL</b> <b>RONALD R. BOHANNAN</b> <b>NEW MEXICO</b> <b>7868</b> <b>PROFESSIONAL ENGINEER</b>	<b>JIFFY LUBE</b> <b>130 COORS, ALBUQUERQUE</b> <b>GRADING AND DRAINAGE</b> <b>BASIN MAP</b>	DRAWN BY RMG DATE 11/10/2021 2021094_BASINS
		<b>TERRA WEST, LLC</b> 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # <b>C2.1</b> JOB # 2021094

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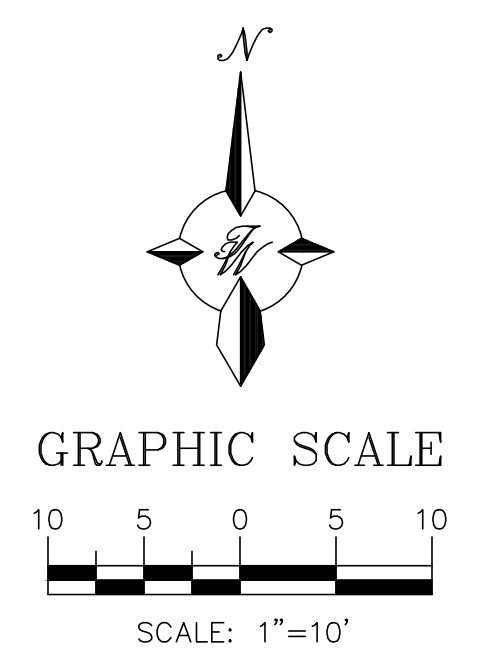


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**LEGEND**

---	CURB & GUTTER
---	BOUNDARY LINE
---	EASEMENT
---	CENTERLINE
---	RIGHT-OF-WAY
---	BUILDING
---	SIDEWALK
---	RETAINING WALL
---	CONTOUR MAJOR
---	CONTOUR MINOR
x 5048.25	SPOT ELEVATION
---	FLOW ARROW
---	EXISTING CURB & GUTTER
---	EXISTING BOUNDARY LINE
---	EXISTING CONTOUR MAJOR
---	EXISTING CONTOUR MINOR
x 5048.25	EXISTING SPOT ELEVATION



- NOTICE TO CONTRACTORS**
- CONTACT STORM DRAIN MAINTENANCE AT (505) 857-8033 TO SCHEDULE A MEETING PRIOR TO FORMING.
  - AN EXCAVATION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
  - ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
  - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT **NEW MEXICO ONE CALL, DIAL "811"** (OR (505) 260-1990) FOR THE LOCATION OF EXISTING UTILITIES.
  - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE LOCATIONS OF ALL OBSTRUCTIONS. 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 THE FACILITY SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY BEING SERVED.
  - WORK ON ARTERIAL STREETS MAY BE REQUIRED ON A 24-HOUR BASIS.
  - CONTRACTOR MUST CONTACT STORM DRAIN MAINTENANCE AT (505) 857-8033 TO SCHEDULE A CONSTRUCTION INSPECTION. FOR EXCAVATING AND BARRICADING INSPECTIONS, CONTACT CONSTRUCTION COORDINATION AT (505) 924-3416.

**SPOT ELEVATION LEGEND**

SW= TOP OF SIDEWALK  
TC= TOP OF CURB  
FL= FLOW LINE  
FF= FINISHED FLOOR

**SPOT ELEVATION NOTE:**

ALL PROPOSED SPOT ELEVATIONS ARE FLOWLINE UNLESS OTHERWISE NOTED.

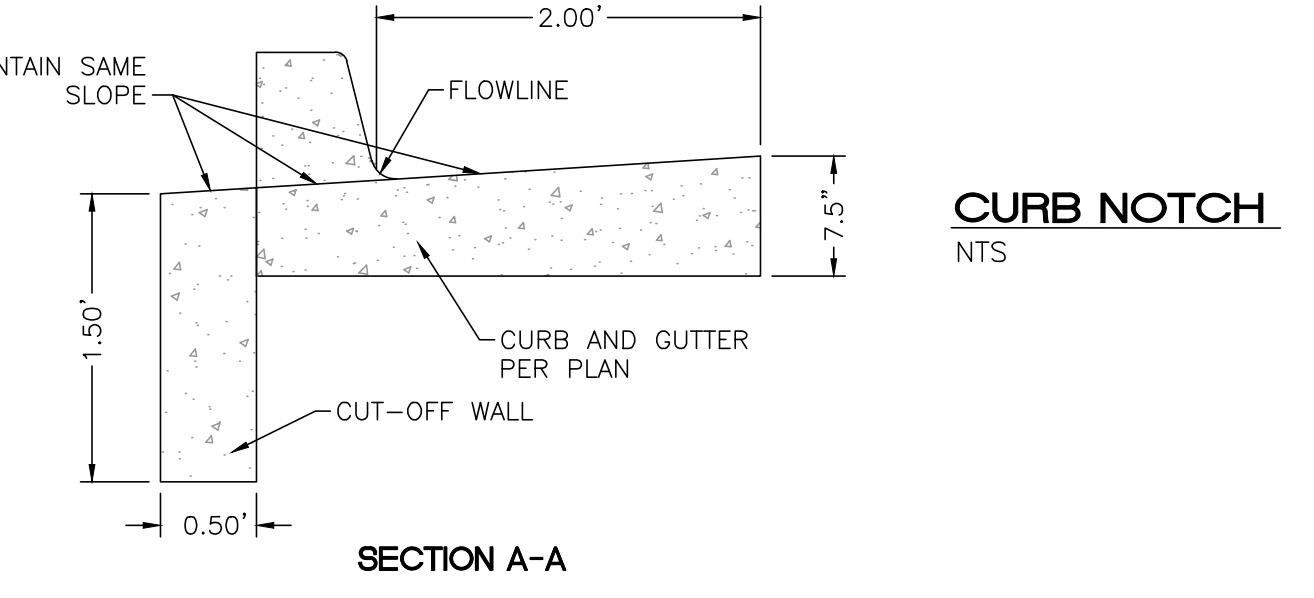
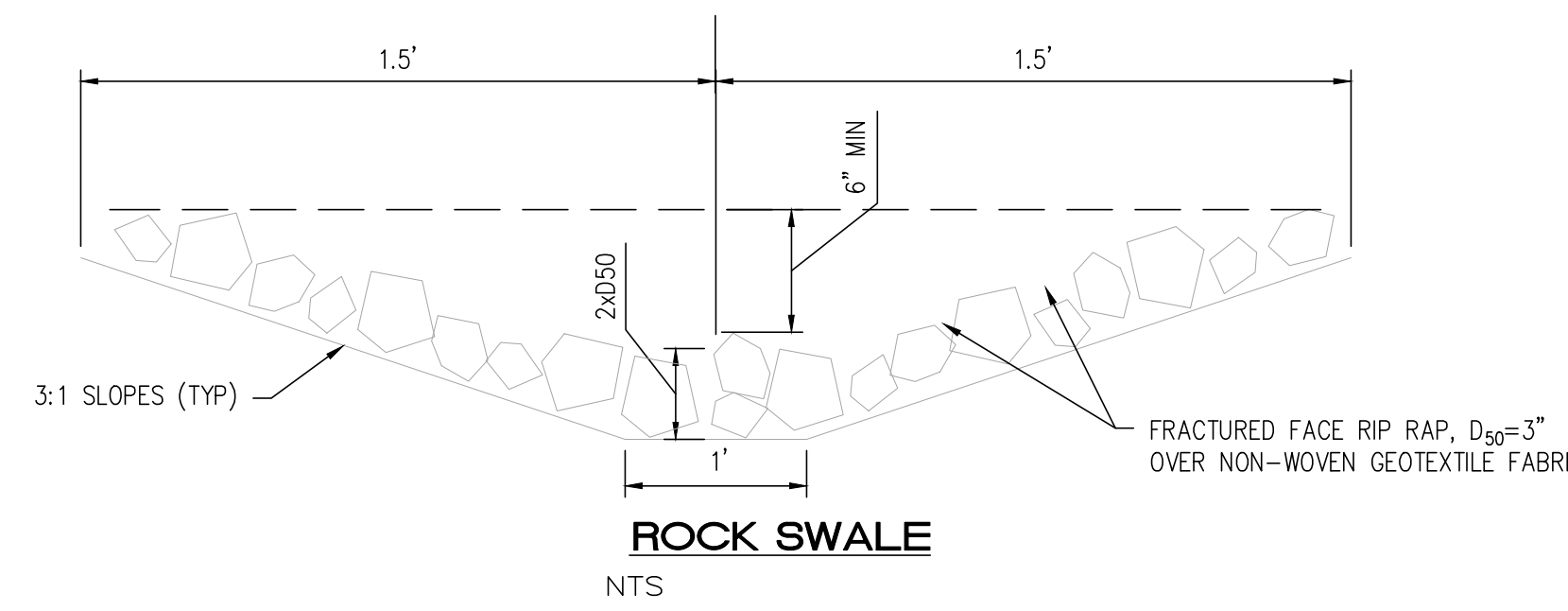
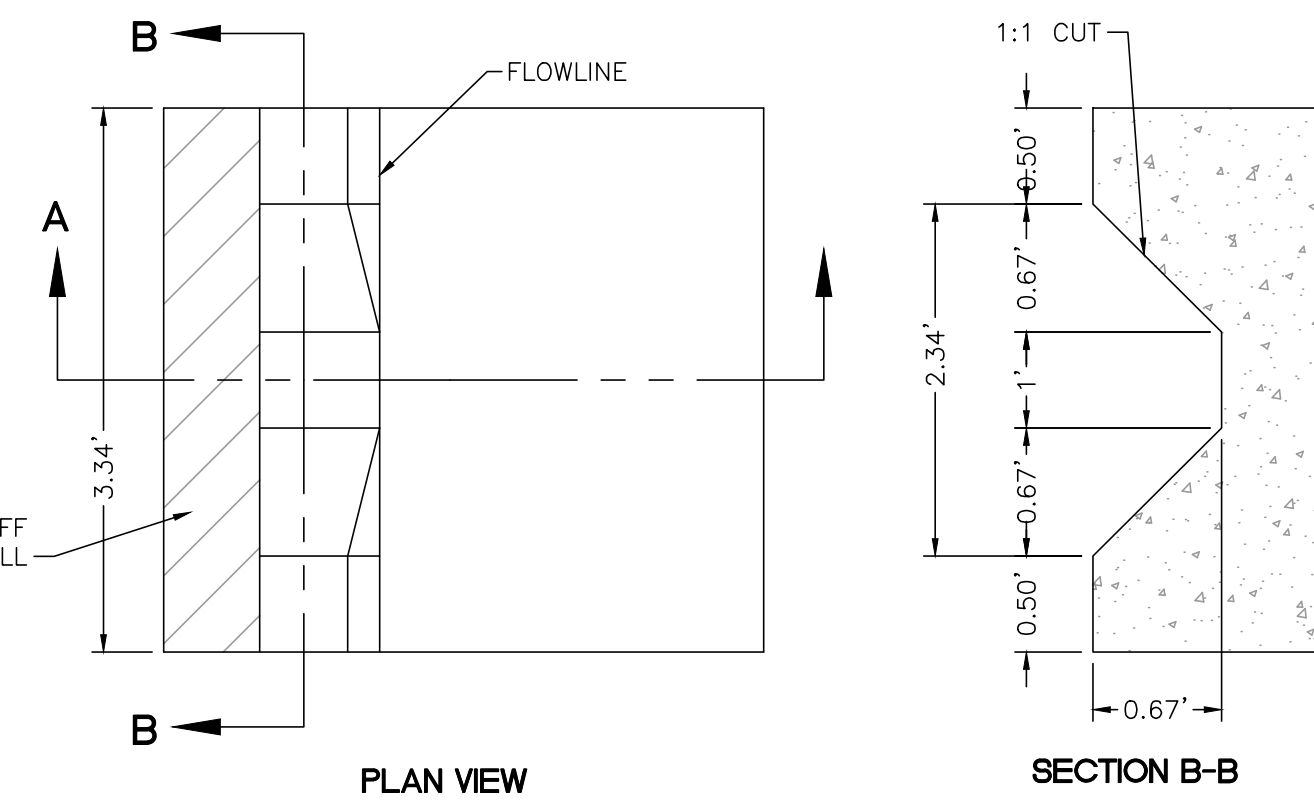
- NOTE:**
- REFERENCE PROJECT SITE GEOTECHNICAL REPORT BY WESTERN TECHNOLOGIES INC DATED SEPTEMBER 27, 2021 FOR CONSTRUCTION REQUIREMENTS/MINIMUMS.
  - REFERENCE LANDSCAPE PLAN FOR FINAL STABILIZATION REQUIREMENTS.

**MAINTENANCE SCHEDULE**

**Responsible Party:** Property Operator(s).

**Access to storm water quality elements:** All access to the storm water quality elements shall be accessible from the paved areas within the site. There is no restricted access to the location of both the surface and sub-surface elements.

REGULAR MAINTENANCE	FREQUENCY
<b>LITTER MANAGEMENT</b> Pick up all litter at site and in Landscape areas and remove from site	Daily
<b>INLETS AND OUTLETS</b> Visual inspection for function. Remove silt from slab aprons and debris in pavement areas. Remove all fallen vegetation around inlet and outlet structures.	Monthly
<b>HARD SURFACES</b> Sweep all paving regularly. Maintain pavement in autumn after leaf fall. Coordinate with Landscape Contractor if additional maintenance is required.	As required
<b>OCCASIONAL TASKS</b>	<b>FREQUENCY</b>
<b>INSPECTION AND INLETS, OUTLETS AND CONTROL CHAMBERS</b> Inspect surface structures removing obstructions and silt as necessary. Check there is no physical damage. For below ground control chambers, remove cover and inspect ensuring water is flowing freely and that the exit route for water is unobstructed. Remove debris and silt.	Yearly
<b>POND VEGETATION</b> Ensure Pond vegetation is maintained by Landscape Contractor. All weeds and all cuttings removed from site.	As required
<b>SILT MANAGEMENT</b> Inspect swales and water quality pond for silt accumulation. Excavate silt, stack and dry within 2-feet of the water quality feature, but outside the design profile where water flows, spread, rake and over-seed. Protect surface from siltation and manage main area of basin for design function or appearance.	Yearly
<b>REMEDIAL WORK</b> Inspect storm all water quality structures regularly to check for damage or failure. Undertake remedial work as required.	Yearly

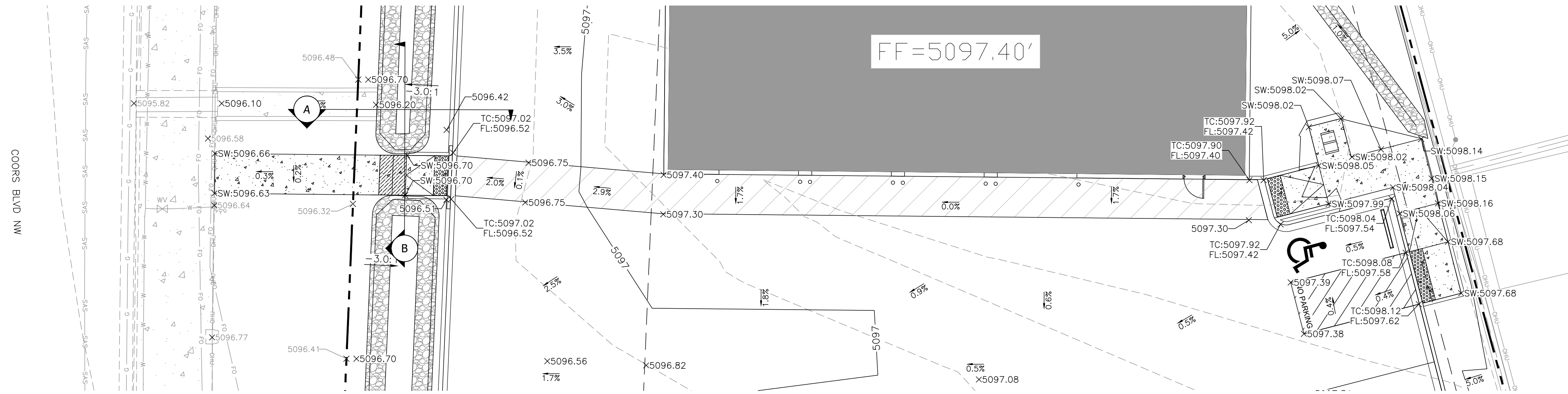


**CAUTION**

ALL EXISTING UTILITIES/TPOGRAPHY 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.

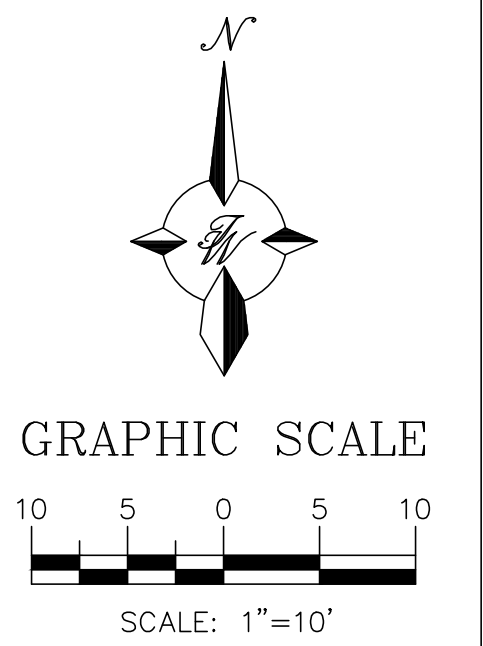
	<b>JIFFY LUBE</b> 130 COORS, ALBUQUERQUE	DRAWN BY RMG
	<b>GRADING &amp; DRAINAGE PLAN</b>	DATE 11/10/2021
01/20/2022 RONALD R. BOHANNAN P.E. #7868	<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # <b>C2.2</b> JOB # 2021094





**LEGEND**

	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
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	EXISTING CONTOUR MINOR
	EXISTING SPOT ELEVATION



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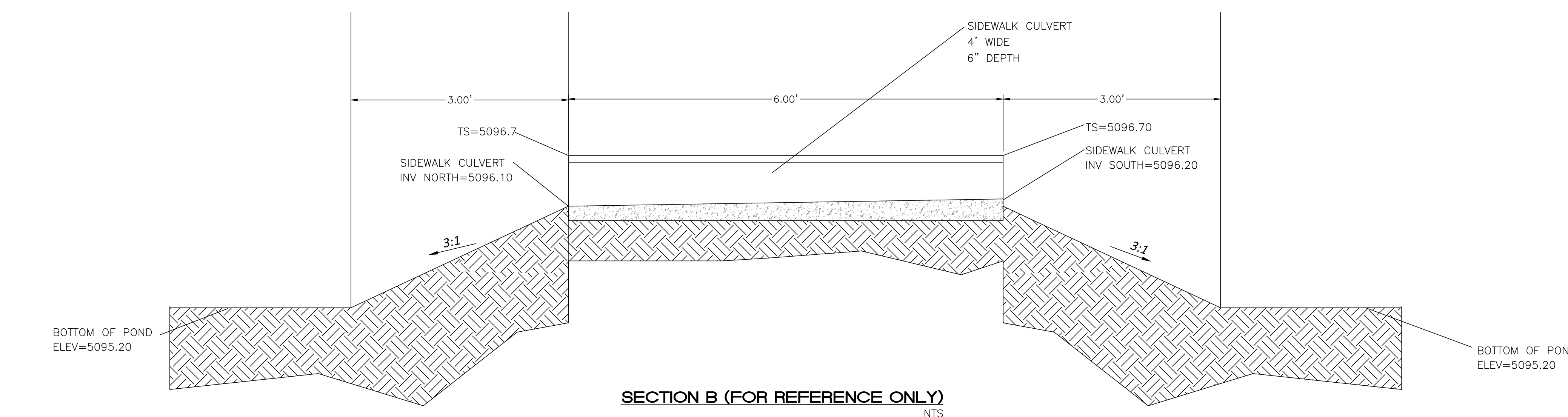
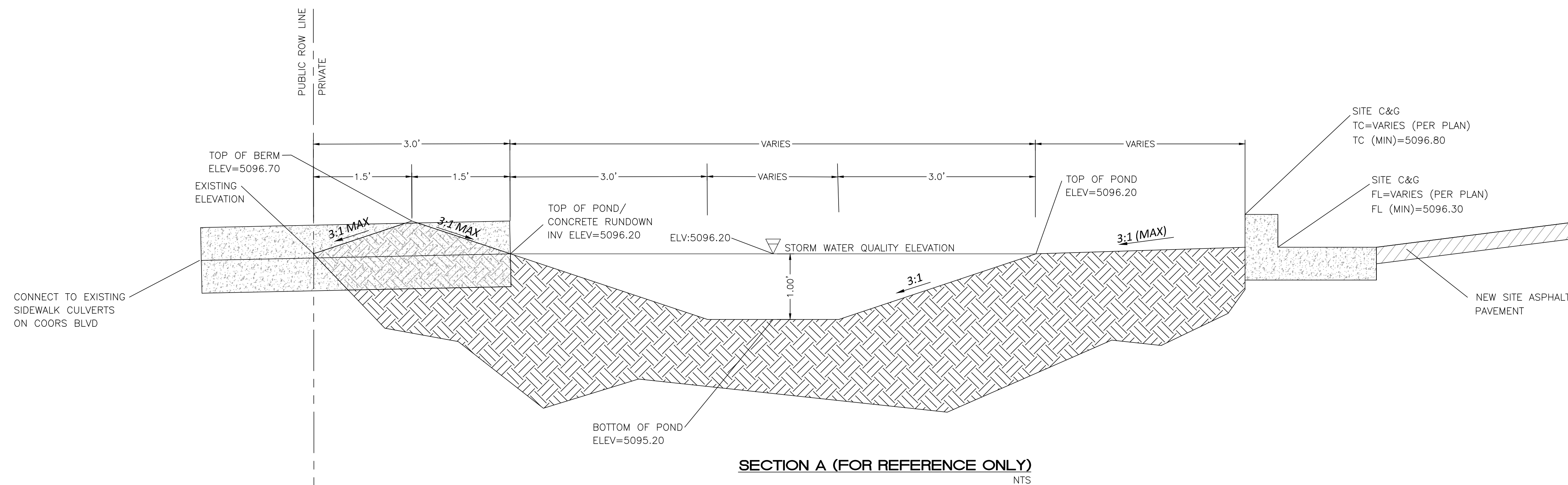
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	<b>JIFFY LUBE</b> 130 COORS, ALBUQUERQUE	DRAWN BY RMG
	<b>GRADING &amp; DRAINAGE</b> <b>POND SECTIONS</b>	DATE 11/10/2021
	<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	JOB # 2021094-GRE
RONALD R. BOHANNAN P.E. #7868	01/20/2022	SHEET # <b>C3.2</b>