

CITY OF ALBUQUERQUE

Planning Department
David Campbell, Director



Mayor Timothy M. Keller

July 10, 2020

Don Briggs, P.E.
Don Briggs Engineering, LLC
5324 Oakledge Ct. NW
Albuquerque, NM 87120

RE: 915 Silver Ave. SW
Permanent C.O. - Accepted
Engineer's Certification Date: 07/07/20
Engineer's Stamp Date: 07/25/19
Hydrology File: K14D118

Dear Mr. Briggs:

PO Box 1293

Based solely on the Certification received 07/09/20, this certification is approved in support of Permanent Release of Occupancy by Hydrology.

Albuquerque

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

Sincerely,

NM 87103

Renée C. Brissette

www.cabq.gov

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



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: _____



July 8, 2020

Renée C. Brissette, P.E. CFM
Senior Engineer, Hydrology
Planning Department
City of Albuquerque
600 2nd St. NW
Albuquerque, NM 87103

Re: Hydrology File #K14D118, 913 and 915 Silver Ave. SW

Dear Ms. Brissette,

This letter is being provided to meet your request for Engineer's Certification of the underground stormwater storage facilities construction on the properties located at 913 and 915 Silver Ave. SW.

I hereby certify that the construction of the stormwater storage facilities meets or exceeds the design requirements presented on the respective grading & drainage plans for these properties. I have attached photos showing the construction activities as requested.

Please call if you have any questions or comments on this matter.

Sincerely

Don Briggs PE CFM

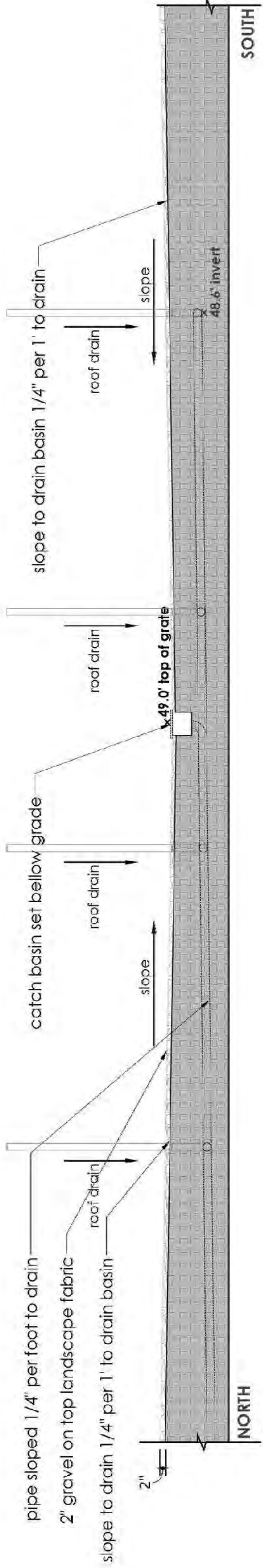






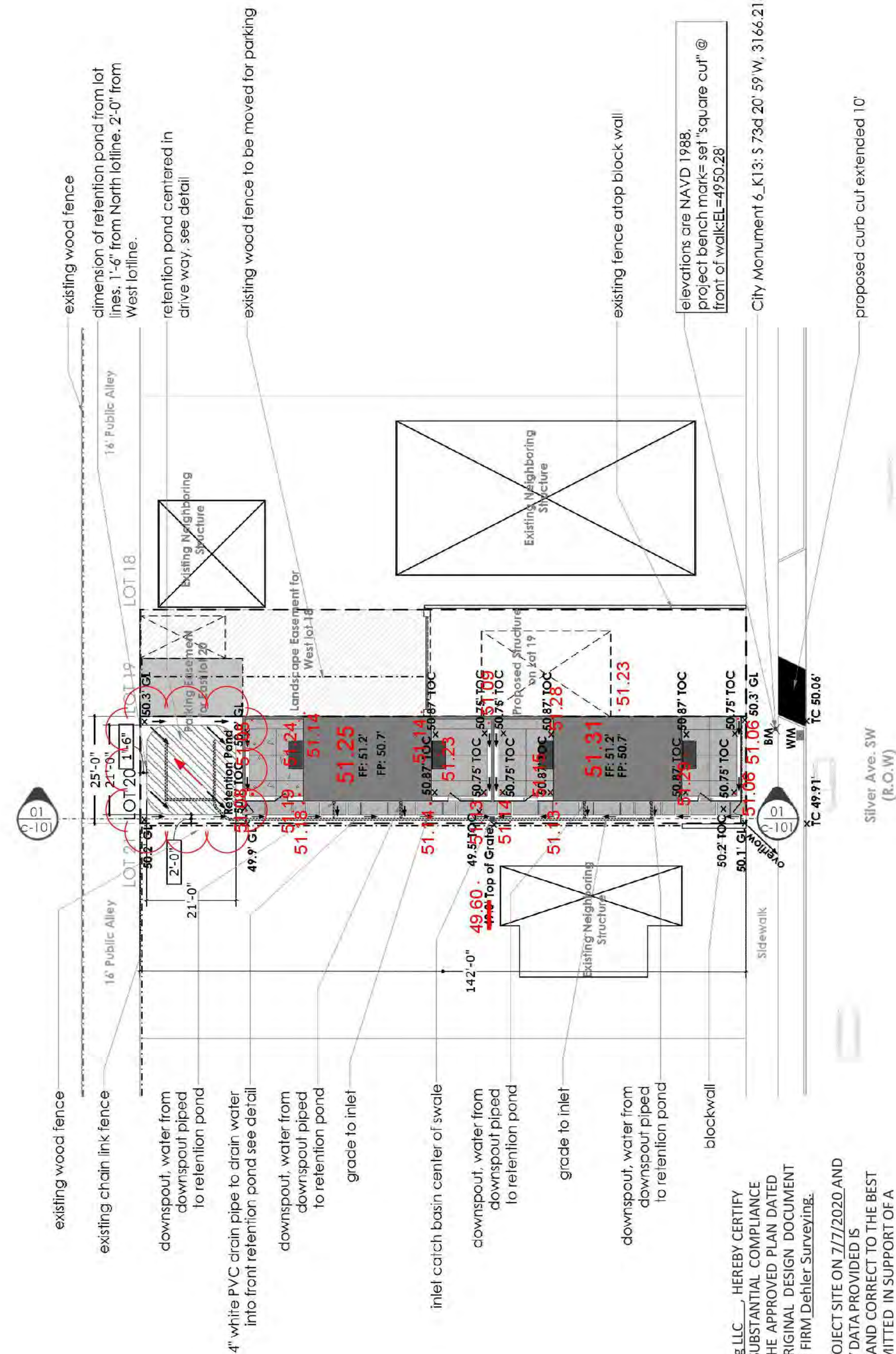
GRADING KEY

- fence
- lotline
- block wall
- esements
- proposed retention pond
- concrete pads
- proposed curb extension



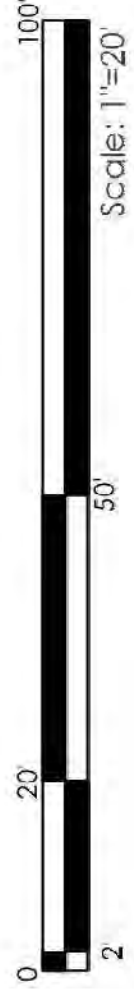
Site Section swale

Scale: 1/4"=1'



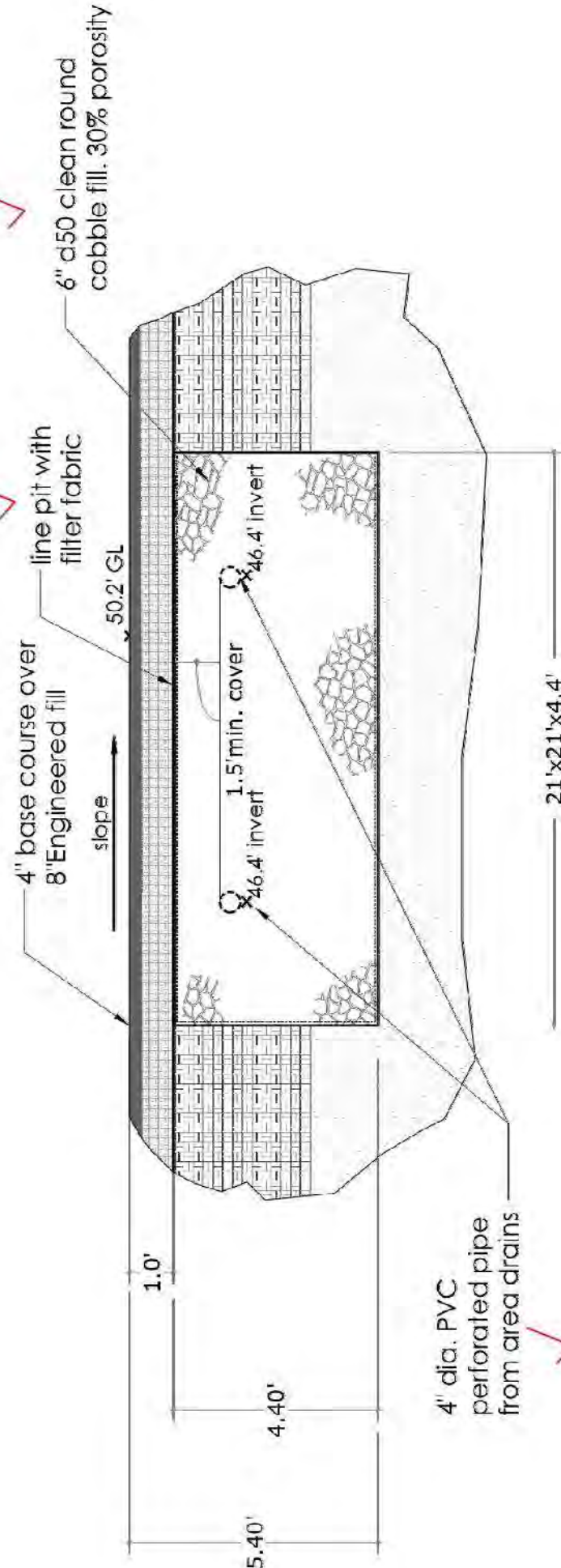
Site Landscape

Scale: 1"=20'



NOTED DEVIATIONS FROM THIS PLAN ARE :

- 1) PATIOS AND SIDEWALKS WERE RAISED TO FACILITATE WHEELCHAIR ACCESS TO BUILDINGS.
- 2) PARKING AREA WAS GRADED TO TIE TO SIDEWALK AND NOW DRAINS OFFSITE.



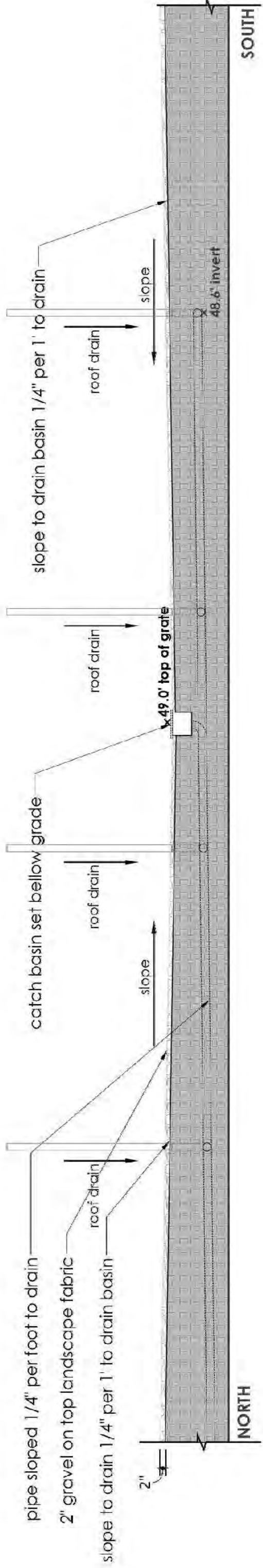
Retention Detail

Hydrology Calculations									
915 Silver SW									
Precipitation Zone 2									
100-yr 6 hr Storm									
Basin Area =		0.085232 ac.	3712.7 sq ft		Determined by DB				
Land Treatment	Percent	Area (ac.)	Excess Precipitation (in.)	Unit Peak Discharge (cfs/ac.)	Runoff Volume (ac. ft.)	Peak Discharge (cfs)	Comments		
A	0.00%	0.00	0.53	1.56	0.00	0.00	Natural Ground		
B	6.80%	0.00	0.78	2.28	0.00	0.01	Landscaped Areas		
C	14.94%	0.01	1.13	3.14	0.00	0.03	Compacted earth/Gravel Parking		
D	78.21%	0.06	2.12	4.7	0.01	0.31	Imperious Areas		
TOTAL	100.00%	0.08	1.88		0.01	0.36			
Required 100-yr 6hr Storage Volume =						582 cu ft			
Required French Drain Volume @ 30% Porosity =						3399 cu ft			
Drain Volume Dimensions									
				W	L	D			
				21.0	21.0	4.39			
				20.0	20.0	4.84			
				19.0	19.0	5.37			
				18.0	18.0	5.98			
				17.0	17.0	6.70			

Retention Detail

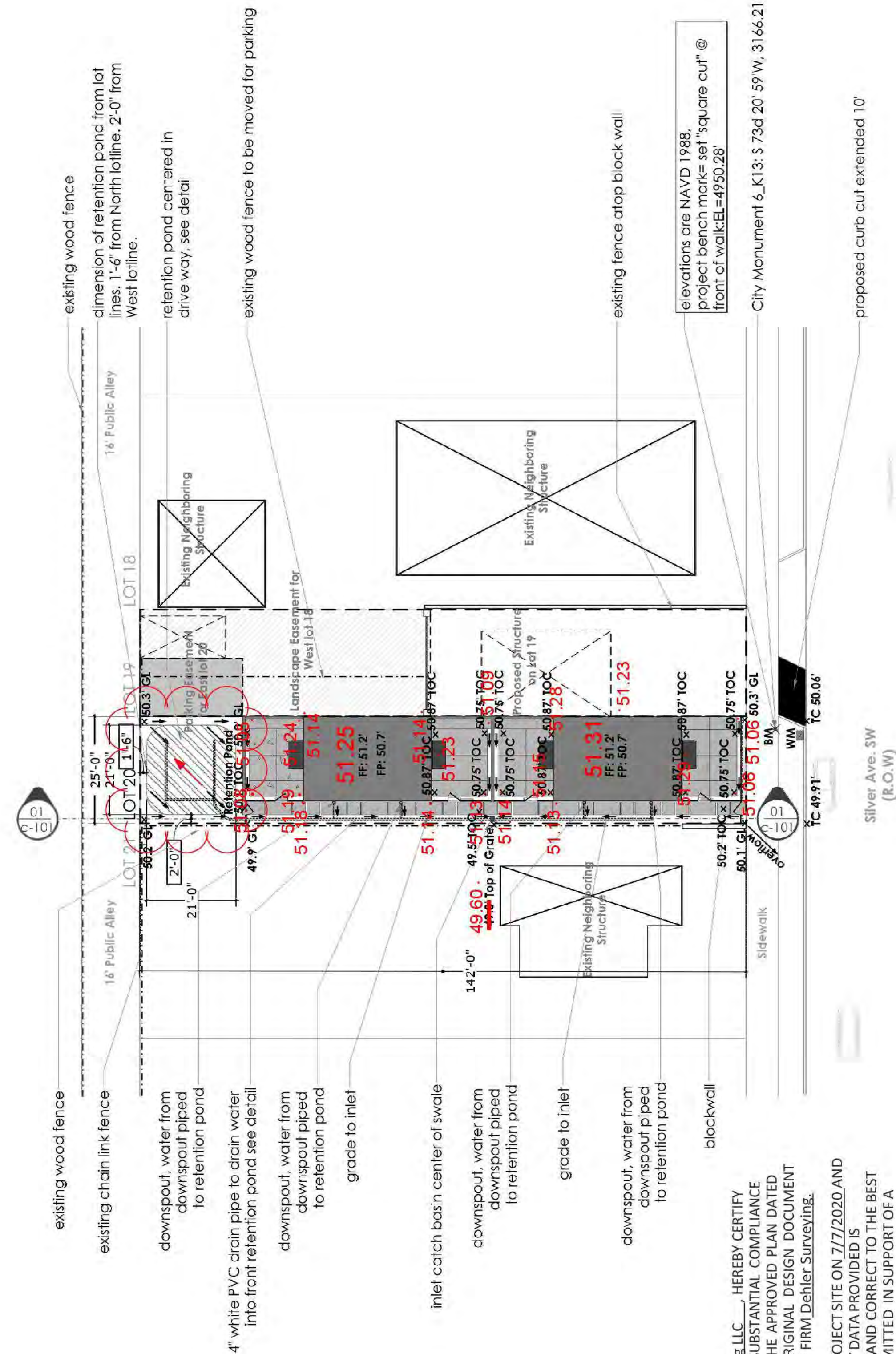
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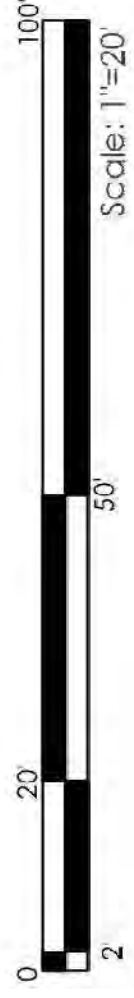
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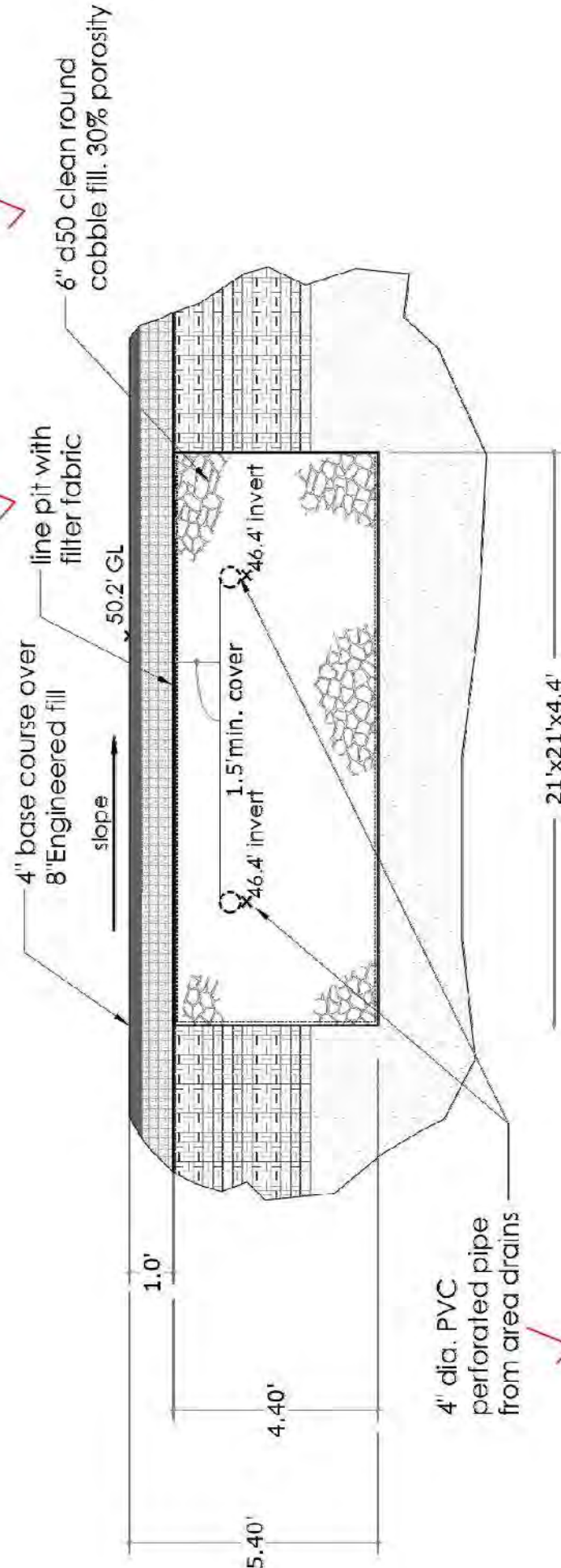
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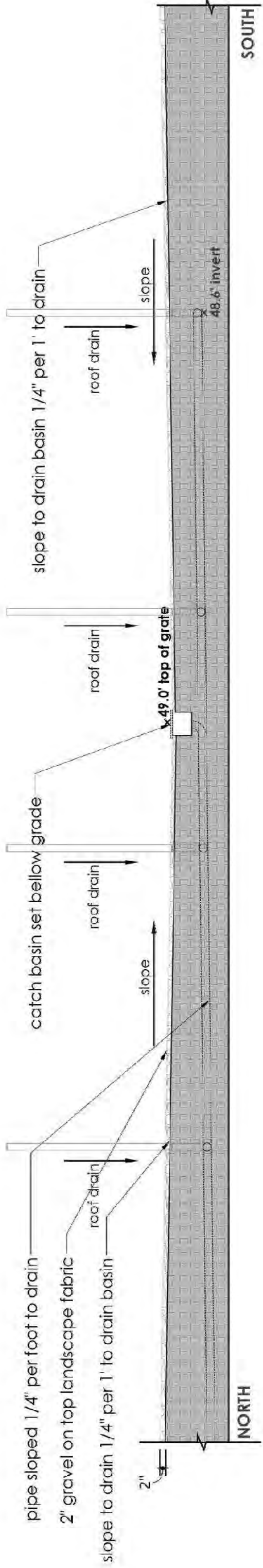
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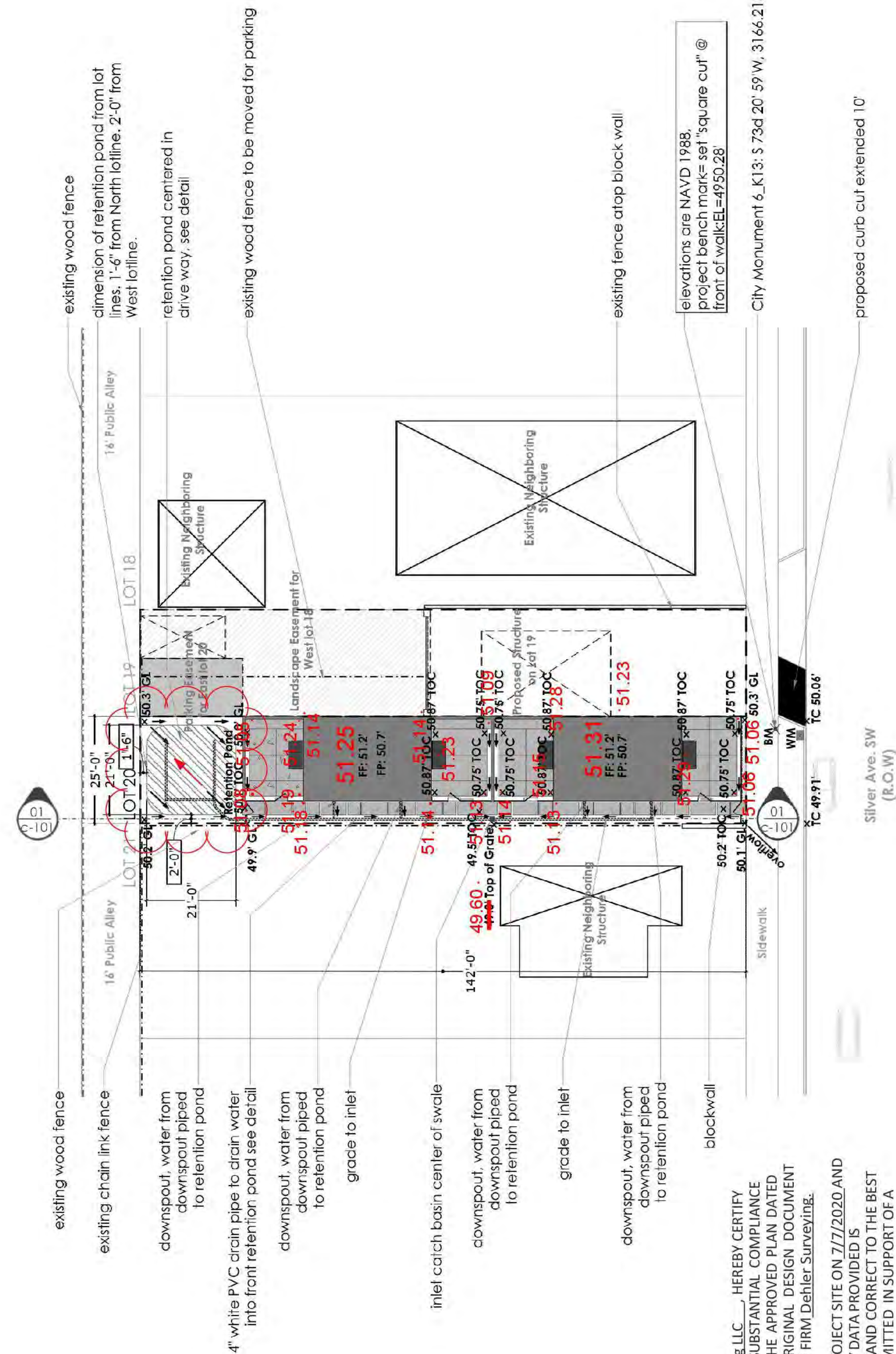
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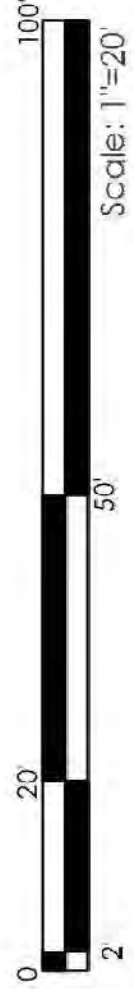
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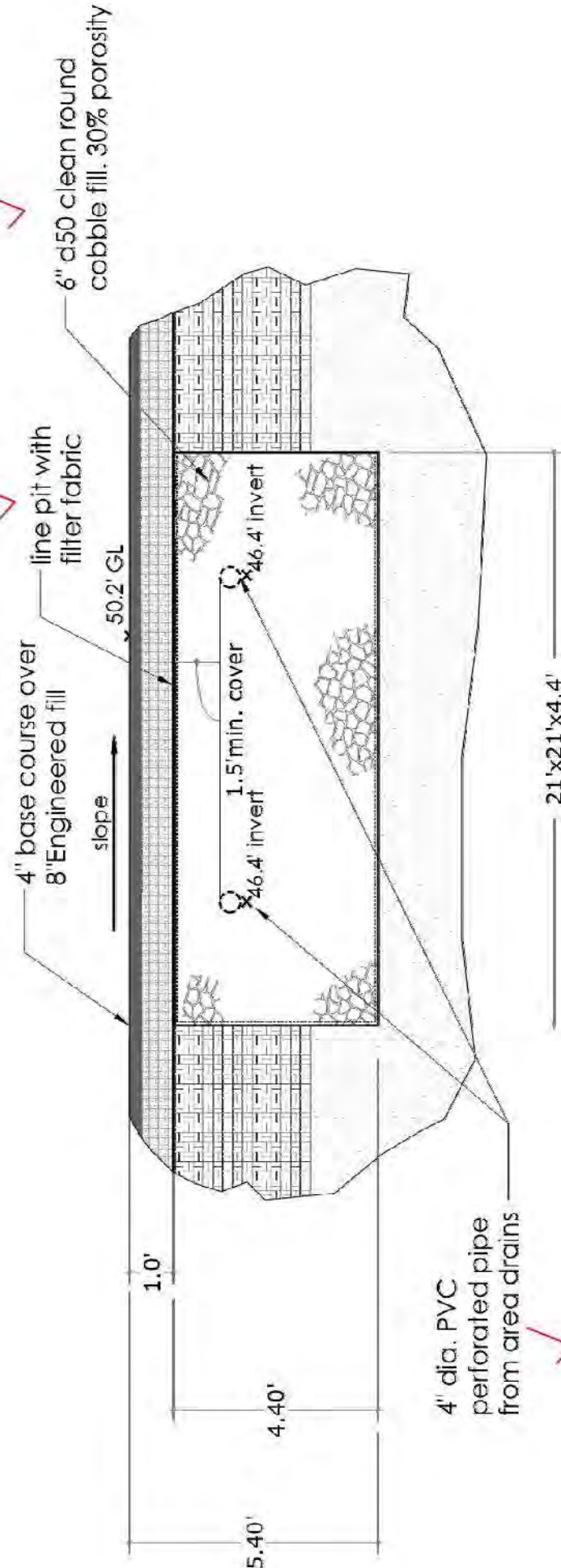
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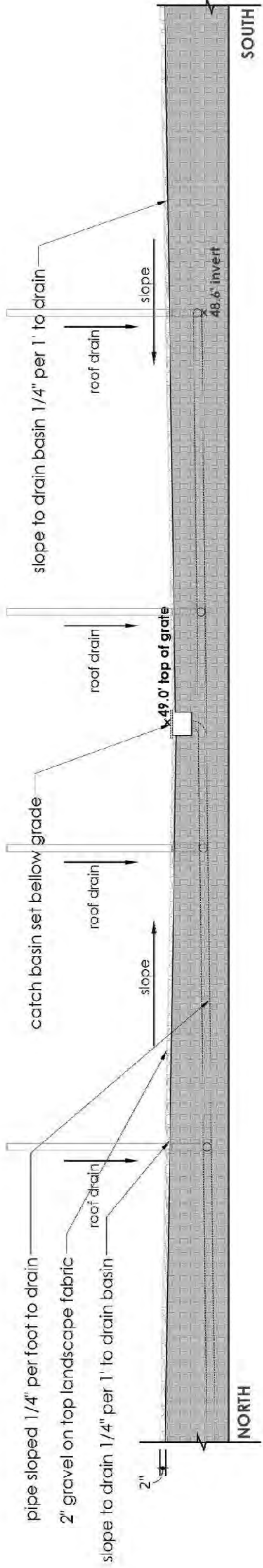
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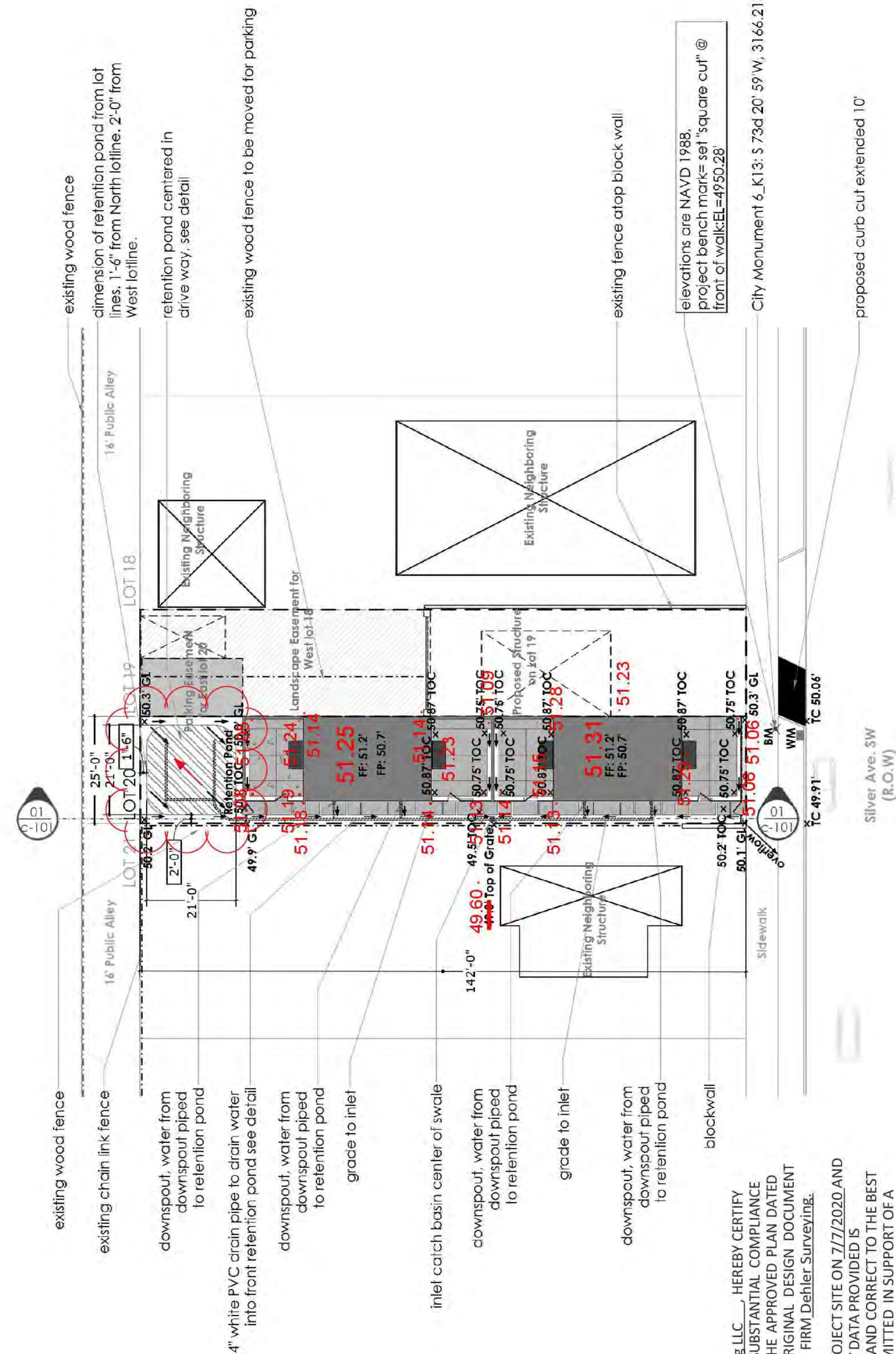
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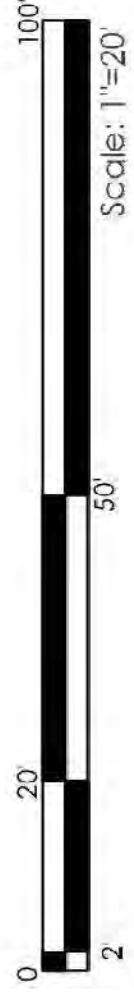
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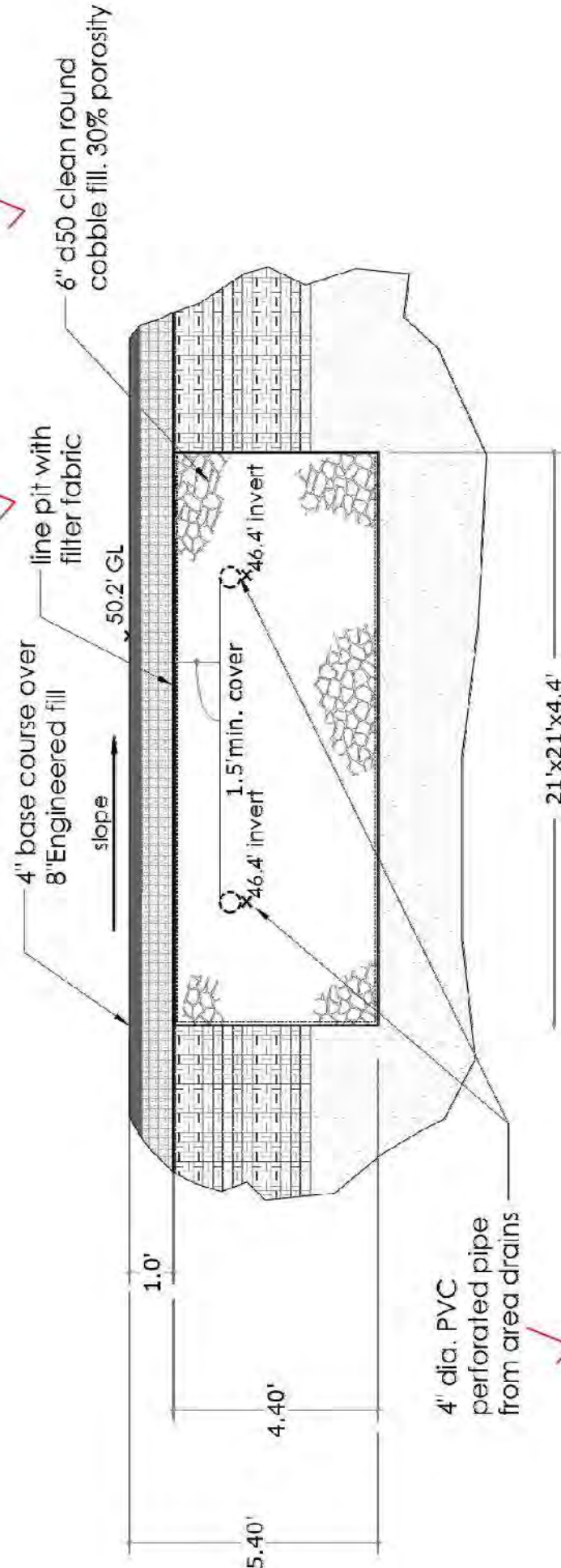
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