

Courthouse Annex • 2045 13th Street • Boulder, Colorado 80302 • Tel: 303.441.3930 • Fax: 303.441.4856 Mailing Address: P.O. Box 471 • Boulder, Colorado 80306 • www.bouldercounty.gov

BOULDER COUNTY BOARD OF ADJUSTMENT

AGENDA ITEM

Wednesday June 7, 2023 4:00 P.M.

PUBLIC HEARING

STAFF PLANNER: Jonathan Tardif, Planner II

RECOMMENDATION: Staff recommends denial of the requested variance.

Docket VAR-23-0001: Sombrero Ranch HOA Setback Variance

Request: Variance request to reduce the side setback along the

western property line from 7' to approximately 1' 6" for

the location of a fence line associated with the redevelopment of a community pool area.

Location: 6298 Reserve Drive, Property no. 146334108022,

approximately 0.40 miles east of the intersection of Cherryvale Road and Reserve Drive, in Section 34, T1N,

ich yvaic Road and Reserve Dilve, in Se

R70.

Zoning: Rural Residential (RR) Zoning District

Agent: Blake Sullivan

Property Owners: Sombrero Ranch Homeowners & Recreational

Association

PACKET CONTENTS:

Item	Pages
o Staff Recommendation	1 – 5
Application Materials (Attachment A)	A1 – A37
o Referral Agency Responses (Attachment B)	B1 – B5
Adjacent Property Owner Comments (Attachment C)	C1 – C7

SUMMARY

The applicants request a 5-foot 5-inch reduction in the side setback from the western property line to facilitate the construction of a fence line surrounding the community pool at the Sombrero Ranch HOA recreation area. Staff recommends that this variance request be denied because the

applicable review criteria in Article 4-1202(B)(2) of the Boulder Country Land Use Code (the Code) cannot be met.

DISCUSSION

The subject property is located approximately 0.40 miles east of the intersection of Cherryvale Road and Reserve Drive within the Sombrero Ranch subdivision. The property is approximately 0.7 acres in size, is located in the Rural Residential zoning district, and is a legal building lot (Outlot H of the Sombrero Ranch subdivision). The property is accessed off Reserve Drive.

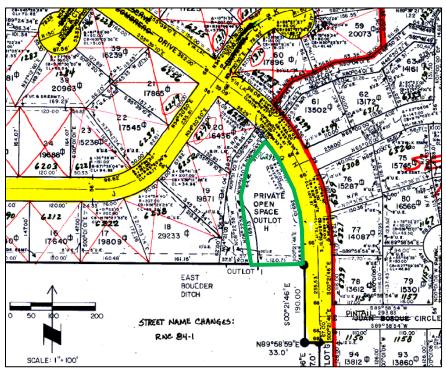


Figure 1: Zoomed in image of the recorded Sombrero Ranch subdivision plat. Outlot H is identified with a green border.

Article 18-175 of the Code defines lot lines for subdivided land in plats recorded prior to October 19, 1994 as follows:

- Front lot line: "That part of a property line dividing a lot from a road. On a corner lot, only one property line shall be considered as a front line."
- Rear lot line: "The line opposite and parallel to the front line. In the event no lot line is opposite and parallel to the front lot line, there shall be no rear."
- Side lot line: "All lot lines other than front lot lines or rear lot lines. A triangular lot has two side lot lines and no rear lot line."

In this case, the front property line is the eastern side of the property directly adjacent to Reserve Drive, and the remaining western and southern property lines are side property lines. As such, the required setback to the western and southern sides is a minimum 7-feet.

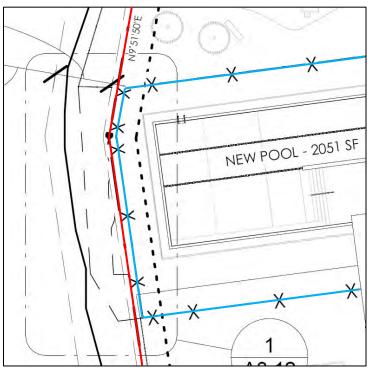


Figure 2: Zoomed in image of the submitted Site Plan showing proposed improvements. The property boundary is indicated by red line. The proposed fence line is indicated by blue line.

The applicants request a variance from this required side setback to facilitate the construction of a fence surrounding the proposed pool deck. The fence is located within the required 7-foot setback to provide the minimum required distance for safe circulation around the pool. The construction of the proposed fence would encroach approximately 5 feet 5 inches into the required side setback, with the remainder of the fence being located outside of the side setback.

The applicants have stated that the proposed pool redevelopment is a high-priority item for the members of the Homeowners Association, and one of the key design components of the pool renovation is to include the standard 25-yard lap lanes for dedicated fitness space.

REFERRALS

The variance request information was sent to property owners within 1,500 feet of the subject property, as well as all applicable referral agencies. Responses received by staff are attached to this staff recommendation (Attachments B and C) and summarized below.

Boulder County Parks & Open Space (BCPOS) Natural Resource Planner – The natural resource planner noted that no additional impact to riparian habitats is anticipated and suggested that reducing the length of the proposed pool would resolve the proposed setback encroachment.

Boulder County Building Safety & Inspection Services Team – Boulder County Building Safety and Inspection Services had no conflicts. A building permit, plan review, and inspection approvals are required for the proposed fence.

Agencies indicating no conflicts: Boulder County Development Review Team – Access & Engineering, Boulder County Public Health, and Xcel Energy.

Agencies that did not respond: Boulder County Long Range Planning, East Boulder Ditch Co., City of Boulder Planning & Development Services, and Mountain View FPD.

Adjacent Property Owners – 244 referrals were sent to nearby property owners, and staff received seven responses in support of the applicant's proposal.

CRITERIA ANALYSIS

Per Article 3-100.A.18 of the Code the BOA may approve a variance from the terms of the Code as set forth in Article 4-1200. To grant a variance, the BOA must find that the following criteria from **Article 4-1202(B)(2)** of the Code have been satisfied:

(a) There exist exceptional or extraordinary physical circumstances of the subject property such as irregularity, narrowness, shallowness, or slope;

The subject property is the platted Outlot H in the Sombrero Ranch subdivision, approximately 0.7 acres in size, and is larger than the typical residential lots. Figure 3, below, provides a zoomed in map of the Sombrero Ranch subdivision with the subject property outlined in red.



Figure 3: Zoomed in image of the Location Map identifying the Sombrero Ranch subdivision, lot layouts, and the subject property identified by red border.

The topography on the outlot is flat, with a slight decrease in elevation along the northern side of the property where the existing playground is located. The property measures approximately 288 feet traveling from the northern tip to the southern property line, and approximately 125 feet at its longest point between the east and west property lines. Figure 4, below, provides a site plan noting the property boundaries in blue, the required 25-foot front setback in red, and the required 7-foot side setbacks in orange.

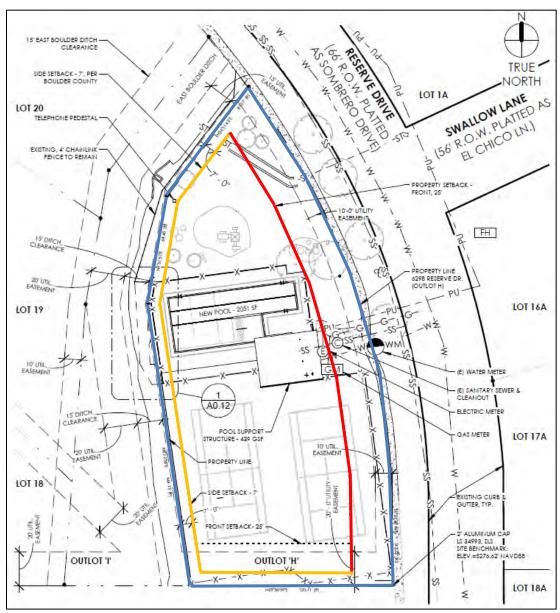


Figure 3: Site Plan showing the property boundaries in blue, the required front setback in red, and the required side setbacks in orange.

The design of the proposed pool with 25-yard lap lanes causes the fence to encroach within the required side setback for the subject property. Staff finds that the physical circumstances are not exceptional or extraordinary on this property, given that the property is developable with compliance to setback requirements.

Therefore, staff finds this criterion is not met.

(b) Because of these physical circumstances, the strict application of the Code creates an exceptional or undue hardship upon the property owner;

Staff finds that the physical circumstances of the property are not exceptional, consequently no exceptional or undue hardship upon the property owner is created. Redesign of the pool is possible to reduce the length of the swimming lanes and comply with required setbacks.

Therefore, staff finds this criterion is not met.

(c) The hardship is not self-imposed;

Staff does not find that a hardship upon the property owner is created, therefore there is no hardship to be self-imposed. Additionally, as stated above, there are alternative designs that would allow for development that is compliant with zoning and the Land Use Code.

Therefore, staff finds this criterion is not met.

(d) The variance, if granted, will not adversely affect the uses of adjacent property as permitted under this code;

Staff does not anticipate that the proposed variance, if granted, will adversely affect the uses of adjacent properties as permitted under the Code, nor has any referral agency or nearby property owner responded with such a concern.

Therefore, staff finds this criterion is met.

(e) The variance, if granted, will not change the character of the zoning district in which the property is located, and is in keeping with the intent of the Code and the Boulder County Comprehensive Plan;

Staff do not have concerns that the variance will change the character of the zoning district in which the property is located if granted.

Therefore, staff finds that this criterion is met.

(f) The variance, if granted, does not adversely affect the health, safety, and welfare of the citizens of Boulder County and is in accordance with the Comprehensive Plan and any applicable intergovernmental agreement affecting land use or development.

There is no indication that the proposed variance would adversely affect the health, safety, or welfare of Boulder County citizens, and no referral agency or nearby property owners responded with such concerns.

Therefore, staff finds this criterion is met.

RECOMMENDATION

As discussed above, staff find that the criteria for a variance cannot be met. Therefore, Community Planning & Permitting staff recommend that the Board of Adjustment **DENY Docket VAR-23-0001: Sombrero Ranch HOA Setback Variance**.



Courthouse Annex • 2045 13th Street • Boulder, Colorado 80302 Mailing Address: P.O. Box 471 • Boulder, Colorado 80306 303-441-3930 • www.BoulderCounty.gov

MEMO TO: Whom It May Concern FROM: Jonathan Tardif, Planner II

DATE: April 7, 2023

RE: Docket VAR-23-0001

The following zoning variance request has been submitted to the office of the Secretary to the Board of Adjustment for consideration at the next regular meeting:

Docket VAR-23-0001: Sombrero Ranch HOA

Request: Variance request to reduce the side setback along the western

property line from 7' to approximately 1' 6" for the location of a fence line associated with the redevelopment of a community

pool area.

Location: 6298 Reserve Drive, Parcel no. 146334108022, approximately

0.40 miles east of the intersection of Cherryvale Road and Reserve Drive, in Section 34, Township 1N, Range 70W.

Zoning: Rural Residential (RR) Zoning District

Applicant/Property Owner: Sombrero Ranch Homeowners & Recreational Association, c/o

Charles Roberts

Agent: Blake Sullivan, Rodwin Architecture

We would appreciate any comments you may have concerning this request for a variance from the Boulder County Land Use Code. Please respond to this request via a letter (mail to the Community Planning & Permitting Department at PO Box 471, Boulder, CO 80306), by phone at (303-441-3930), or an email to **planner@bouldercounty.org** by **April 24, 2023,** so that the Board of Adjustment may give full consideration to your recommendation. A lack of response will be assumed to indicate that you have "NO CONFLICT" with the request. If you have questions concerning this request, please contact our office.

Should you wish to attend the public hearing to voice your comments or present additional information on the proposed variance, the hearing is scheduled for review by the Board of Adjustment on:

Wednesday, June 7, 2023 at 4:00 p.m.

Boulder County BOA meetings are convened in a hybrid format where attendees can join through Zoom or participate in person at the Downtown Boulder County Courthouse, 3rd Floor, 1325 Pearl St., Boulder. Information regarding how to participate will be available on the docket webpage (www.boco.org/VAR-23-0001).

If you plan to attend the hearing, please confirm the details by visiting the docket webpage before the scheduled hearing. A staff report will be available at www.boco.org/VAR-23-0001 approximately one week prior to the hearing.



Boulder County Land Use Department

Courthouse Annex Building 2045 13th Street • PO Box 471 • Boulder, Colorado 80302

Phone: 303-441-3930 • Fax: 303-441-4856 Email: planner@bouldercounty.org Web: www.bouldercounty.org/lu

Office Hours: Mon., Wed., Thurs., Fri. 8 a.m. to 4:30 p.m.

Tuesday 10 a.m. to 4:30 p.m.

Shaded Areas for Staff Only							
Intake Stamp							

Application Form

Project Number				Project Name				
☐ Limited Impact Special Use☐ Limited Impact Special Use☐		Application Dead First Wednesday		Application De Second Wedne				
Modification of Special Use Site Plan Review Site Plan Review Waiver Subdivision Exemption Exemption Plat 1041 State Interest Review Other:		Xi <mark>Variance</mark> ☐ Appeal		☐ Sketch Plan ☐ Preliminary Plan ☐ Final Plat ☐ Resubdivision (Replat) ☐ Special Use/SSDP		Rezoning Road/Easement Vacation Location and Extent Road Name Change		
Location(s)/Street Address(es) 6908	3 Reserv	e Dr., Bould	er, CO 8030	13				
Subdivision Name SOMBRERO R	ANCH - B	OV						
Lot(s) 34 -1N -70 Block	OUI	OUTLOT 'H' Section(s)		4 Township(s) 1N			Range(s) 70	
Area in Acres 0.71 AC	ting Zoning	g RR Existing Use of P		PRIVATE RESIDENTIAL RECREATION		ON	Number of Proposed Lots	1
Proposed Water Supply MUNICIPAL		Proposed Sewage Disposal Method MUNICIPAL						
Applicants:								
Applicant/Property Owner	-				Email Address			
SOMBDEDO DANICH HOMEON	NNIFDS & DI	SOMBDEDO DANCH HOMEOWNEDS & DECDEATIONAL ASSOCIATION - Ch				@ama	il com	

Applicant/Property Owner						Email Address			
SOMBRERO RANCH HOMEOWNERS & RECREATIONAL ASSOCIATION - Charles Roberts					char	les.j.roberts@gm	nail.com		
Maili	ng Address 6298 Reserve	e Dr., Boulder, (CO 80303						
City	Boulder	State CO		Zip Code	80303	Phone 303.	579.9456	Fax	
Applicant/Property Owner/Agent/Consultant Rodwin Architecture - Blake Su					Sullivan	Email Address blake@rodwinarch.com			
Maili	ng Address 1245 Pearl St.,	Suite 202							
City	Boulder	State CO		Zip Code	80302	Phone 303.	413.8556	Fax	
Agent/Consultant					Email Address				
Maili	ng Address								
City		State	Zip Code		Phone		Fax		

Certification (Please refer to the Regulations and Application Submittal Package for complete application requirements.)

I certify that I am signing this Application Form as an owner of record of the property included in the Application. I certify that the information and exhibits I have submitted are true and correct to the best of my knowledge. I understand that all materials required by Boulder County must be submitted prior to having this matter processed. I understand that public hearings or meetings may be required. I understand that I must sign an Agreement of Payment for Application processing fees, and that additional fees or materials may be required as a result of considerations which may arise in the processing of this docket. I understand that the road, school, and park dedications may be required as a condition of approval.

I understand that I am consenting to allow the County Staff involved in this application or their designees to enter onto and inspect the subject property at any reasonable time, without obtaining any prior consent.

All landowners are required to sign application. If additional space is needed, attach additional sheet signed and dated.

Signature of Property Owner	Printed Name	Date
Signature of Property Owner	Printed Name	Date

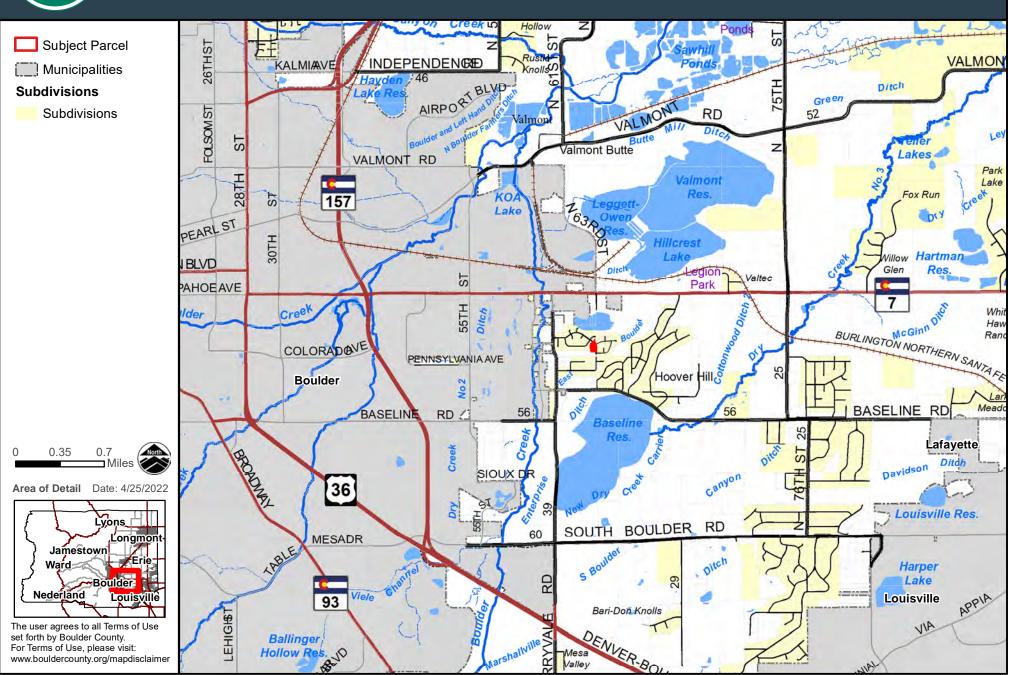
The Land Use Director may waive the landowner signature requirement for good cause, under the applicable provisions of the Land Use Code.

Form: P/01 • Rev. 04.28.16 • g:/publications/planning/P01PlanningApplicationForm.pdf

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Vicinity

6298 RESERVE

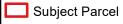


www.bouldercounty.org/mapdisclaimer



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Aerial 6298 RESERVE





Area of Detail Date: 4/25/2022 Lyons Jamestown Nederland -Louisville

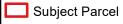
The user agrees to all Terms of Use set forth by Boulder County. For Terms of Use, please visit: www.bouldercounty.org/mapdisclaimer

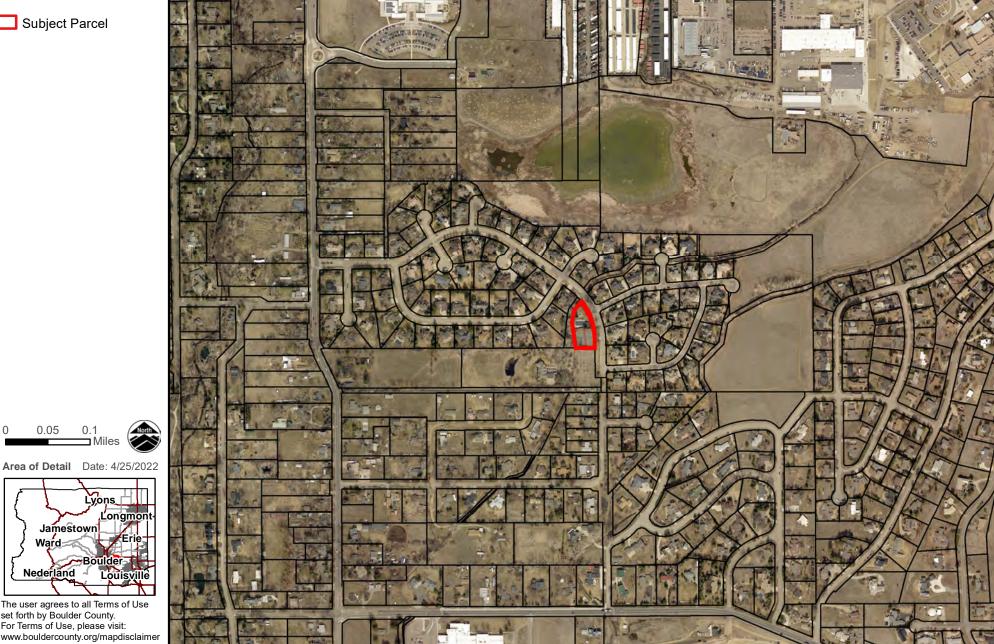


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Aerial

6298 RESERVE





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Jamestown

Nederland

Miles

Lyons 🔣

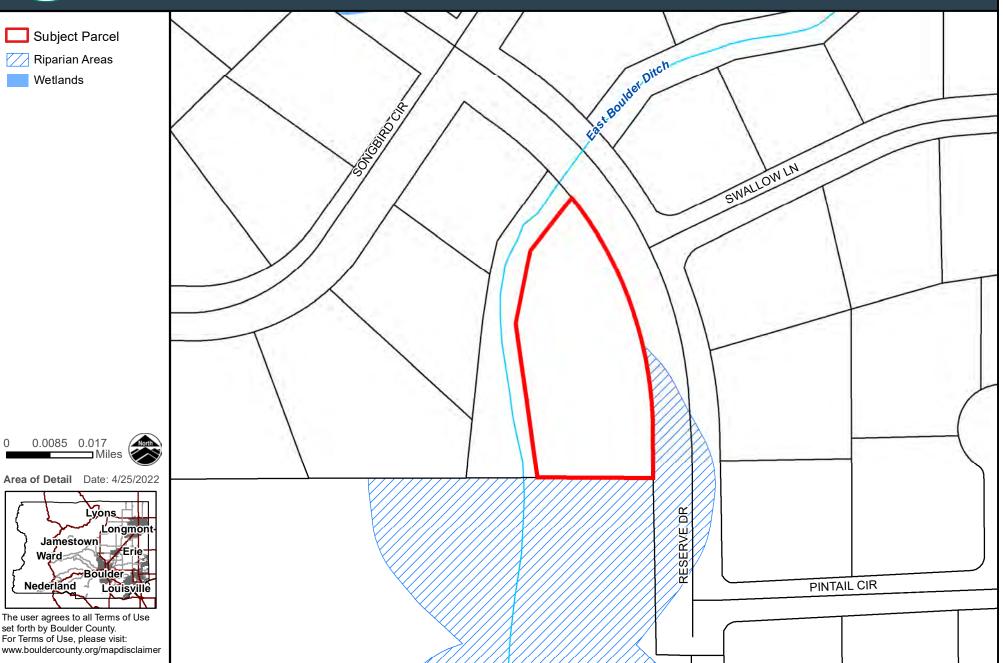
-Boulder



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Comprehensive Plan 6298 RESERVE





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Jamestown

Nederland 4

set forth by Boulder County.

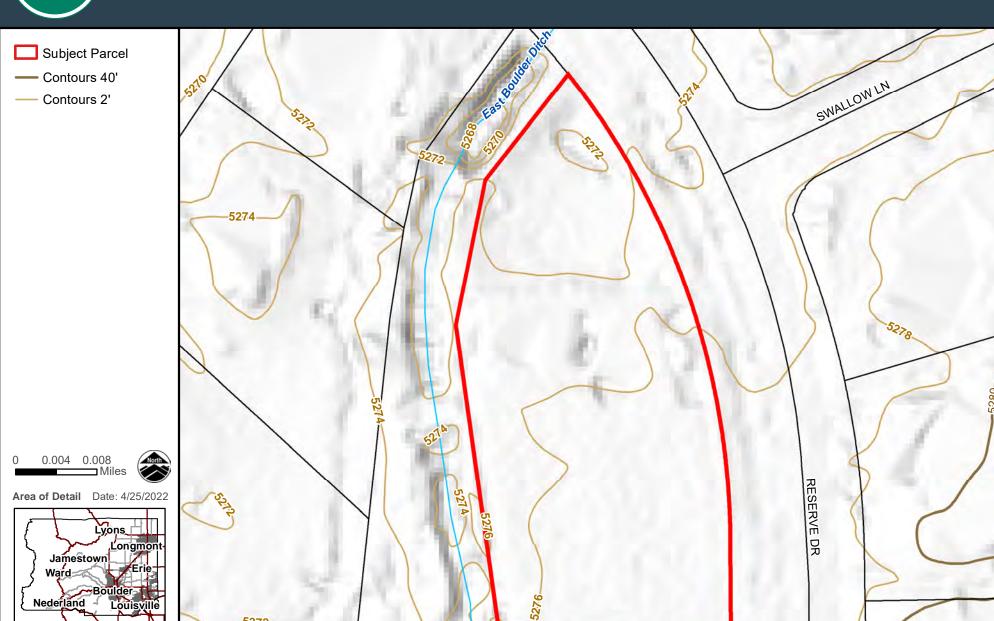
Miles

-Boulder



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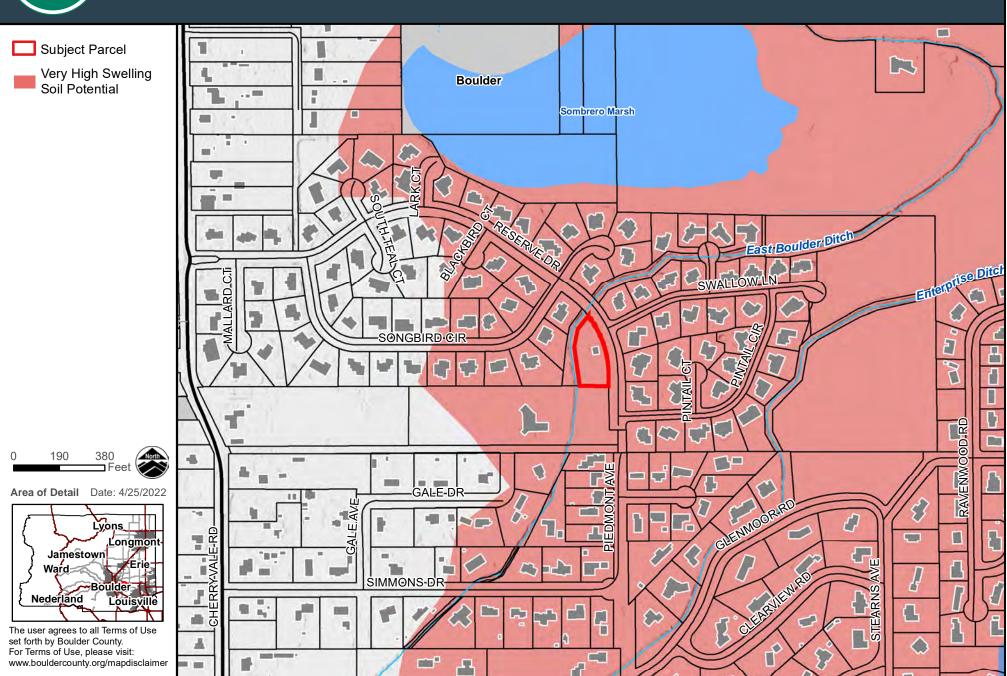
Elevation Contours
6298 RESERVE



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Geologic Hazards
6298 RESERVE





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Prebles 6298 RESERVE

Subject Parcel

Note: This map's legend shows all Preble's Priority Zones as mapped by Boulder County. The subject property may not contain all zones. Refer to the USFWS Memo dated 9/17/03 to determine when projects require review by USFWS for Preble's.

Prebles

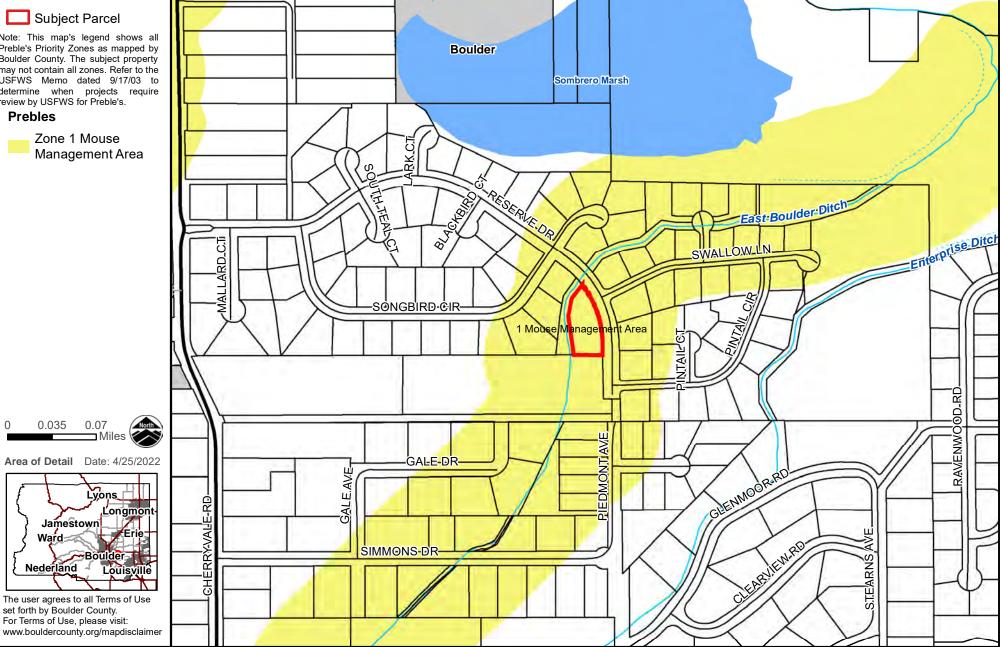
Zone 1 Mouse Management Area

0.07

Jamestown

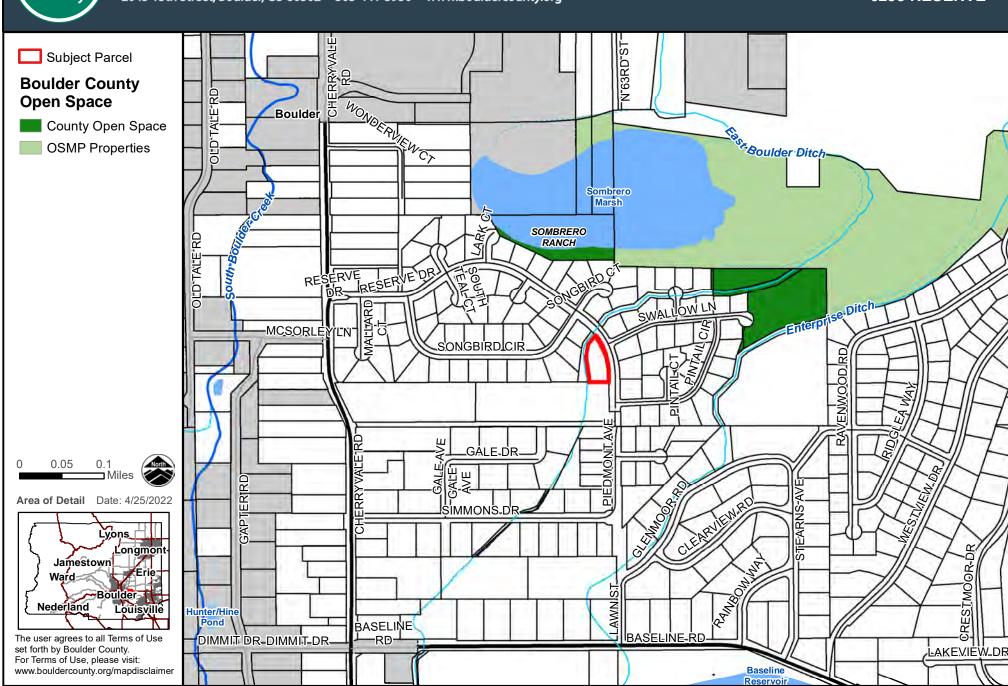
Nederland 4

set forth by Boulder County.



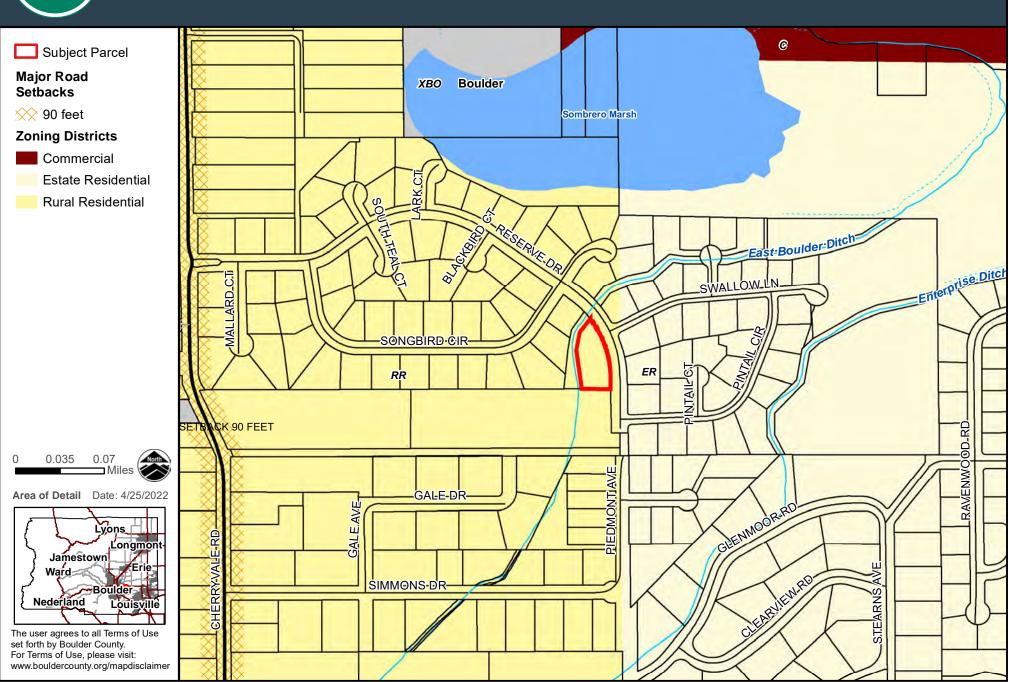
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Public Lands & CEs 6298 RESERVE



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Zoning 6298 RESERVE





Reserve HOA Pool Facility

1.3.23

Board of Adjustment (BOA) Hardship Statement

- A. There exists exceptional or extraordinary physical circumstances of the subject property such as irregularity, narrowness, shallowness, or slope.
 - The subject property at 6298 Reserve Dr. is an odd shaped elongated wedge getting more narrow from south to north. This gradual constriction pinches the proposed program at the northwest corner threatening to impede the accessible path around the pool.
 - The existing facility's occupied area will be reduced along the western edge to fall completely within the property lines, vacating the adjacent property it currently occupies.

Due to the irregular shape of the lot and the bend in the northeast corner a variance is requested to maintain safe clearances around the entire pool for all bathers.

The wider proposed walkway and the 8' tall fence will provide safe navigation of the pool deck as well as providing higher levels of security; a major objective of the Homeowner's Association and neighborhood. It is the intention of the Homeowner's Association to vacate the utility easement while still providing the same facilities for its members.

- The adjacent property to the west is part of unincorporated Boulder County used as a utility easement for the East Boulder Ditch. This variance will allow the project to vacate the easement while allowing no disruption of the ditch, associated drainage, or inlet. An objective of the project is to be sensitive to the needs of all neighbors while providing recreational space for the community.
- B. Because of these physical circumstances, the strict application of this code would create an exceptional or undue hardship to the property owner.
 - In order to execute the desired program of the pool and maintain a quality
 experience for all users, the orientation of the existing pool is proposed to be



modified to bring the entire facility into code compliance. This rotation, in addition to pushing the pool as far east as possible, gains enough space to fit the desired program within the property line and required setbacks with the minor exception of the western fence line. While the proposed solution will need a minor variance, the existing flatwork and chain link fence will be removed from the East Boulder Ditch easement they currently occupy. This variance will allow the neighborhood to maintain the size of its current facility while also allowing them to be in conformance with current zoning.

C. The hardship is not self-imposed

This hardship is physical in nature and impedes the neighborhood's ability to update their facility to current standards while ensuring full functionality and accessibility throughout. The natural flowline of the ditch constricts the property in a manner that cannot be adjusted.

This variance will allow the community to construct the proposed fence within their property line while allowing them to update the deteriorating amenities. As the neighborhood updates its amenities, it remains important to maintain programmatic functionality and user safety throughout the facility at all times.

D. The variance, if granted, will not adversely affect the use of the adjacent property as permitted under this Code.

o Granting this variance will have no adverse effects on the adjacent property and will alleviate the current non-compliant condition. Conversely, granting this variance will improve existing conditions while bringing this property into compliance with Boulder County Codes. The current large chain link fence, installed over the western property line, serves as the western boundary of the existing facility and has for approximately 29 years. Granting this variance will move the fence line approximately 1'- 6" to 1' - 11" inside the western property line, vacating the entire East Boulder Ditch easement. This shift in the location of the current fence will allow each property to be in full compliance with Boulder County Zoning Code.



- E. The variance, if granted, will not change the character of the zoning district in which the property is located, and is in keeping with the intent of this Code and the Boulder County Comprehensive Plan; and,
 - This variance will not change the character of the zoning district and will ultimately conform more closely to the Code and Comprehensive Plan than the existing condition. Allowing the fence to be constructed within the prescribed side setback stands to improve the character of this zoning district for all adjacent property owners. The character of the fence itself will be a sectional decorative aluminum to enhance the neighborhood and the East Boulder Ditch boundary while providing the level of safety required by the Homwowner's Association and Board Members. This project will have the ability to strengthen the neighborhood character while improving the user experience on all adjacent properties.
- F. That the variance, if granted, does not adversely affect the health, safety, and welfare of the citizens of Boulder County.
 - On This variance, if granted, will not adversely affect health, safety, or welfare of any Boulder County citizen. This variance will allow the installation of the fence within the boundaries of the property line while improving existing site conditions. This variance will enable the HOA to vacate the currently occupied buffer zone desired by the ditch company for regular or emergency maintenance. We believe that granting this variance will allow the homeowner's association and East Boulder Ditch to achieve the objectives of their communities while increasing safety and welfare throughout the facility and neighborhood.

Tardif, Jonathan

From: Blake Sullivan <blake@rodwinarch.com>
Sent: Friday, February 24, 2023 11:40 AM

To: Tardif, Jonathan

Subject: [EXTERNAL] 6298 Reserve Drive - Fence Variance - Reserve HOA Pool Facility

Jonathan,

When we spoke you requested that we submit additional language addressing the size (length) of the pool and why it cannot be shortened.

The proposed configuration of the pool meets all programmatic goals with the least disruption to the overall site. It is the intention of the HOA to replace their current facility while being sensitive to all disruption on the site.

The size of the pool is a high priority for the homeowners association members. One of the goals of the project is to include standard 25 yard lap lanes to allow the residents dedicated space for fitness while still providing a recreational area. The current pool does not allow these activities and does not provide adequate length for lap swimming. The pool could not be moved away from the East Boulder Ditch property line as it is on the front setback as well. The patio area around the pool is the minimum required for safe circulation around the pool.

We have contacted the Ditch Company regarding the proposed plans and they have voiced no objection to the proposed location of the fence.

Please let us know if you have any additional questions or concerns and we will be happy to discuss.

Thank you, have a wonderful weekend!

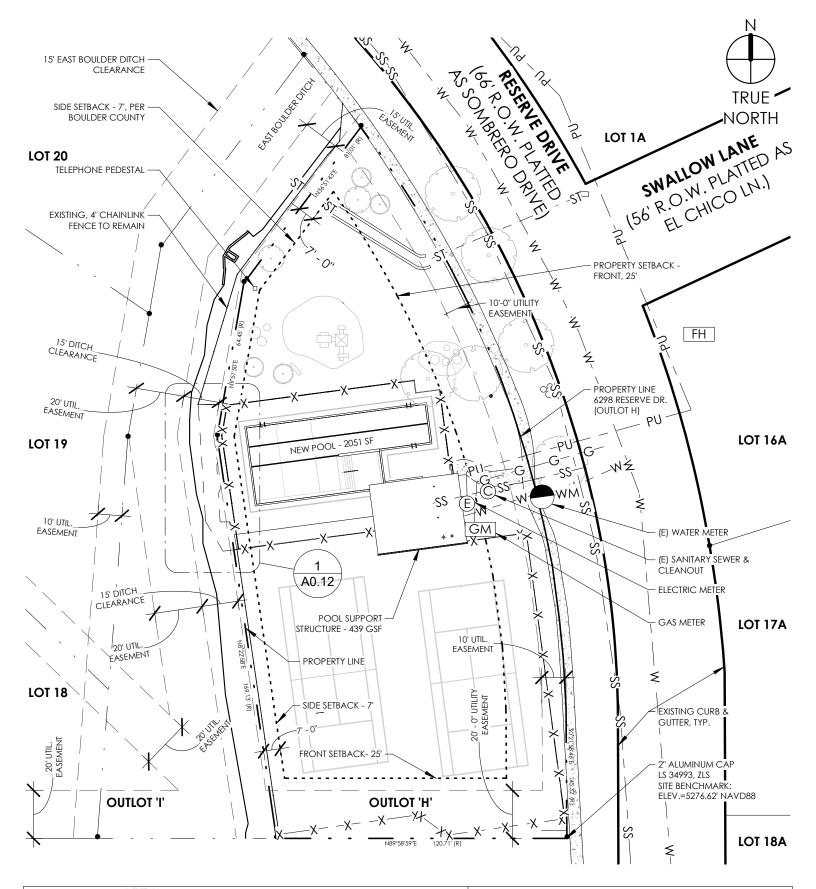
Blake Sullivan

Project Manager / Senior Architect

RODWIN ARCHITECTURE + SKYCASTLE CONSTRUCTION

DESIGN [BUILD] GREEN

1245 Pearl Street, Suite 202 Boulder, CO 80302 p 303.413.8556 x113 c 720.317.7800 www.rodwinarch.com www.skycastleconstruction.com





RODWIN ARCHITECTURE 1245 Pearl St., Suite 202

Boulder, Colorado 80302 (p) 303.413.8556 (f) 303.413.8557

www.rodwinarch.com

Reserve HOA Pool Facility

6298 RESERVE DR., BOULDER, CO 80303 Architectural Site Plan

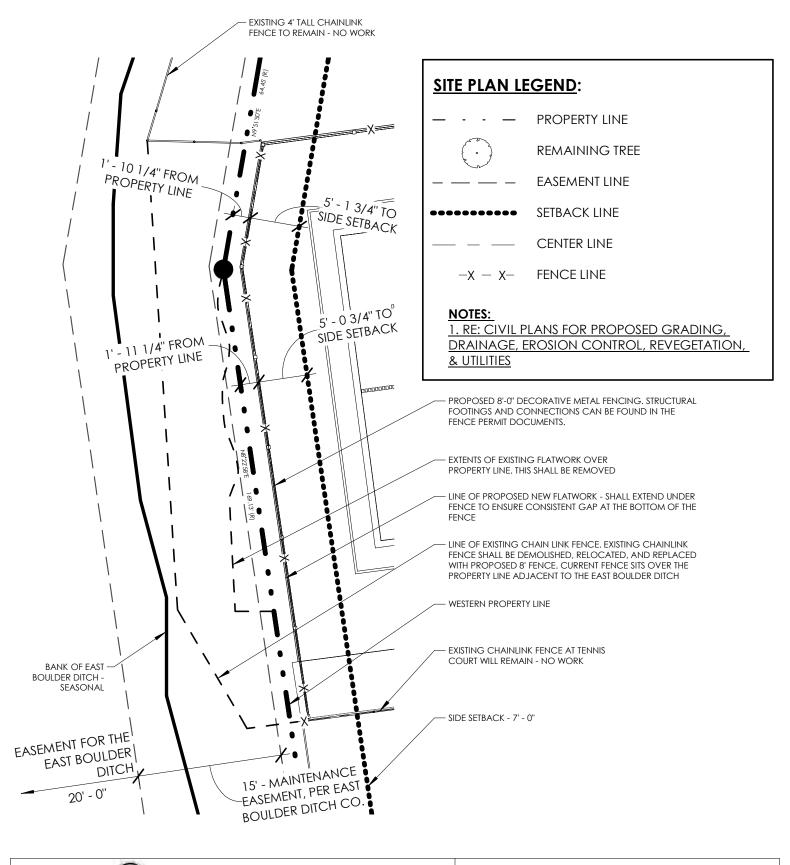
FENCE PERMIT - VARIANCE

Date: 7.11.2022

Prepared by: BS

Scale: 1" = 40'-0"

A0.11





RODWIN ARCHITECTURE 1245 Pearl St., Suite 202

Boulder, Colorado 80302 (p) 303.413.8556 (f) 303.413.8557 www.rodwinarch.com Reserve HOA Pool Facility

6298 RESERVE DR., BOULDER, CO 80303 Enlarged Plan - Fence Variance

Prepared by: BS
Scale: 1" = 10'-0"

A0.12

GENERAL CONDITIONS

1. Do not scale these drawings, verify all dimensions and conditions. Any variation should be brought to the attention of the Architect and Owner prior to the commencement of work.

2. Dimensions and conditions at the job site shall be verified by all Builders.

It is the responsibility of the Builder to examine the existing conditions prior to submitting bid to the Owner since proposals must take into account all such conditions which may Discrepancies in the drawings and actual field conditions shall be reported to the Architect and Owner. Corrected drawings or instructions shall be issued by the Owner prior to

the commencement of the work. 3. This project shall comply with all current local municipal codes. If the municipality in question does not have codes, the project shall comply with the following codes as

BOULDER COUNTY CODE AMENDMENTS

2015 INTERNATIONAL BUILDING CODE (the "IBC"), including specifically Appendix Chapters C, I, J and K;

2015 INTERNATIONAL SWIMMING POOL AND SPA CODE (the "ISPSC");

*It is responsibility of anyone supplying labor, materials or both to bring to the attention of the Architect and Owner any discrepancies or conflicts between requirements of these codes and drawings.

4. All dimensions are to the face of the foundation or wood frame studs or centerline of rough opening U.O.N.

5. The General Contractor (GC) shall coordinate and field verify utility connections, their routing, meter locations, hose bibs, and other associated items.

6. The GC to coordinate top of foundation wall/ slab elevations with information indicated in these plans and with final grading.

7. The GC shall provide the Owner with a list of the heating and cooling, water heating and lighting systems or solar devices to be installed in the building and instructions on how to use and maintain them efficiently. All warranties of all materials are to be furnished to the Owner upon completion of the project.

8. The details shown are intended to further illustrate the visual design concept and minimum weather protection requirements for this project. The GC shall incorporate the requirements of the local building codes, structural considerations, trade association manuals, publications and recommendations and the manufacturer's written instructions for complete construction of details. All possible field conditions that may be encountered are not necessarily described. Field conditions encountered that require clarification shall be brought to the Builder's attention.

9. Reinforced Concrete slab:

-See structural set and notes for thickness and reinforcement. -All wood in direct contact with concrete shall be treated and rated for this use.

-Sub-slab drainage per Civil Soils Report

10. <u>Foundations, Concrete, & Reinforcement:</u>

-See Structural Drawings, general structural notes, Typical Wall Section, and soils report.

-Foundation waterproofing and damp proofing per code -EPA-compliant passive radon mitigation system (or active w/ fan) per code

-Perimeter drainage per Civil Soils Report

11. Typical Wall Types: -Exterior Building: Structural split face concrete masonry units per structural plans

-All ext. materials to meet Boulder County Regs. for Ignition Resistent Construction

-All exterior materials per architectural elevations and specifications

13. <u>General:</u>

-Siting of Pool & Pool Building: Per Site Plan & Surveyor staking

-Storage of building materials on site: Subcontractors to cover and protect all building materials stored on site from water and UV/ sun degradation. -New Construction must comply with Construction Waste Recycling. An applicant shall demonstrate that all recyclable wood, metal, and cadboard materials will be donated, reused, or recycled.

-Deconstruction waste recycling must comply with all County deconstruction and recycling requirements



Total Sheets:: 18

VICINITY MAP: NTS

Sheet Number	Sheet Name	Sheet Order					
-CVR-	Gen. Notes + Project Info	000					
TOPO 1	Topographical Survey	100					
C1.01	Cover Sheet	101					
C2.01	Existing Conditions Plan	101					
C2.02	Civil Site Plan	101					
C2.03	Grading, Drainage, and Erosion Control Plan	101					
C2.04	Utility Plan	101					
C3.01	Civil Details	101					
A0.1	Architectural Site Plan	111					

Sheet Order Sheet Number Product Specification Deconstruction Plan A1.1 1st Floor Plan Pool Deck Clearance & Drainage Site Fencing & Detailing Site Fencing & Detailing ACCESSIBILITY DETAILS Fence Foundation Plan Foundation Details

Architectural Sheet Index

PROJECT NARRATIVE:

THIS PROJECT SHALL CONSIST OF A FENCE STRUCTURE, 8' HIGH, TO PROVIDE A BARRIER AND SECURITY TO THE NEIGHBORHOOD HOA POOL FACILITY. THE FENCE AND GATE SHALL CONFORM TO ALL STANDARDS SET FORTH IN THE 2015 ISPSC, SECTIONS 305 - BARRIERS AND

THE ASSOCIATED POOL AND POOL ACCESSORY BUILDING WILL BE UNDER SEPARATE PERMITS.

PROPERTY INFORMATION

6298 RESERVE DR. BOULDER, CO 80303

STR: 34 -1N -70

SUBDIVISION: SOMBRERO RANCH - BOV

LEGAL DESC: OUTLOT H SOMBRERO RANCH VALUE DIST TO HOMEOWNERS HB 1346

ESTIMATED PARCEL AREA: SQUARE FEET: 30,719 ACRES: 0.71

PROJECT TEAM CONTACT INFO

<u>OWNERS:</u>

SOMBRERO RANCH HOMEOWNERS & RECREATIONAL ASSOCIATION CHUCK ROBERTS - HOA BOARD REPRESENTATIVE 6298 RESERVE DR., BOULDER, CO 80302 P: 303.579.9456 CHARLES.J.ROBERTS@GMAIL.COM

ARCHITECT: RODWIN ARCHITECTURE

SCOTT RODWIN, AIA, LEED AP 1245 PEARL STREET, SUITE 202 BOULDER, CO 80302 P: 303-413-8556 SCOTT@RODWINARCH.COM BLAKE SULLIVAN, PROJECT MANAGER BLAKE@RODWINARCH.COM P: 720.317.7800

STRUCTURAL ENGINEER: GEBAU ENGINEERING

PAUL GALLAGHER 2450 CENTRAL AVE, STE. P-5 BOULDER, CO 80301 P: 303-554-9591 F: 303-554-9592 PAUL@GEBAU.COM

CIVIL & GEOTECHNICAL ENGINEERS: SCOTT, COX & ASSOCIATES

1530 55TH ST. BOULDER, CO 80303 P: 303-444-3051 F: 303-444-3387 CIVIL: DON ASH - ASH@SCOTTCOX.COM GEOTECH: RYNE METTLER - METTLER@SCOTTCOX.COM SURVEYOR: JOHN BURI - BURI@SCOTTCOX.COM

MECHANICAL, ELECTRICAL & PLUMBING ENGINEERS: RAMIREZ, JOHNSON, AND ASSOCIATES

CHRIS WOOD 3295 BLAKE ST., #104 DENVER, CO 80205 P: 720.598.0774 chris@rja-eng.com http://www.rja-eng.com

ABBREVIATIONS: AFF - ABOVE FINISHED FLOOR ABV - ABOVE AL - ALUMINUM ALT - ALTERNATE APPROX - APPROXIMATE ARCH - ARCHITECT/ ARCHITECTURAL BD - BOARD BLDG - BUILDING BOH - BOTTOM OF HEADER B.O. - BOTTOM OF **BOT - BOTTOM** B/W - BETWEEN CIVIL - CIVIL DRAWINGS, CIVIL ENGINEER CLG - CEILING **CONC - CONCRETE** CONT - CONTINUOUS CPT - CARPET CT - CERAMIC TILE CTR - CENTER DBL - DOUBLE DEMO - DEMOLITION/ DEMOLISH DIM - DIMENSION DN - DOWN DS - DOWN SPOUT DWG - DRAWING EA - EACH ELEC - ELECTRICAL

ELEV(S) - ELEVATION(S) (E) - EXISTING EQ - EQUAL EXT - EXTERIOR (EG) - EGRESS FD - FLOOR DRAIN FDN - FOUNDATION FF - FINISH FLOOR FIN - FINISH/ FINISHES

FT - FOOT/ FEET FTG - FOOTING FURN - FURNITURE/ FURNISHINGS FV - FIELD VERIFY GSU - GRASS SIDE UP

GYP BD - GYPSUM BOARD INSUL - INSULATION INT - INTERIOR MAS - MASONRY MECH - MECHANICAL MEP - MECHANICAL, ELECTRICAL, & PLUMBING

MIN - MINIMUM MAX - MAXIMUM MTL - METAL

(N) - NEW NTS - NOT TO SCALE OPNG - OPENING PIA - A BIG PROPLEM PLBG - PLUMBING QTY - QUANTITY PTD - PAINTED

SPEC - SPECIFICATIONS STD - STAINED STRUCT - STRUCTURALS, STRUCTURAL ENGINEER (T) - TEMPERED

T.O. - TOP OF TOW - TOP OF WALL TYP - TYPICAL UON - UNLESS OTHERWISE NOTED

WD - WOOD WW- WINDOW WELL W/ - WITH W/O - WITHOUT





RODWIN ARCHITECTURE 1245 Pearl St., Suite 202

Boulder, Colorado 80302 (p) 303.413.8556 (f) 303.413.8557 www.rodwinarch.com

NOTICE: DUTY OF COOPERATION

Release of these plans contemplates further cooperation among the owner, his contractor and the architect. Design and construction are complex. Although the architect and his consultants have performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect and every contingency cannot be anticipated. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the architect. Failure to notify the architect compounds misunderstanding and increases construction costs. A failure to cooperate by a simple notice to the architect shall relieve the architect from responsibility for all consequences. Changes made from the plans without consent of the architect are unauthorized, and shall relieve the architect of responsibility for all consequences arriving out of such

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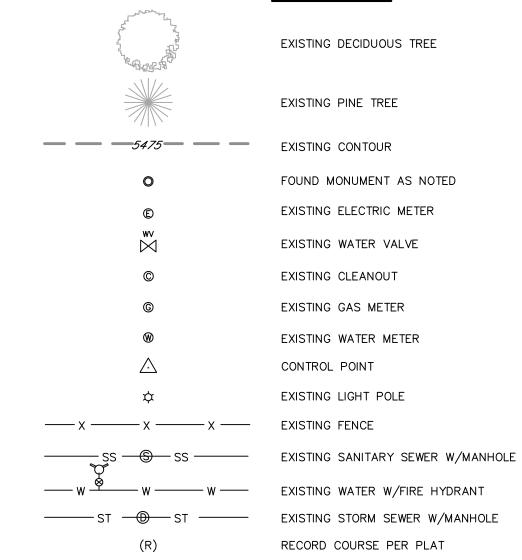
Author

DRAWN: CHECKED: Checker DATE: 7.11.2022 **REVISED:**

FENCE PERMIT - VARIANCE

Gen. Notes + Project Info - FENCE

<u>LEGEND</u>



LEGAL DESCRIPTION

OUTLOTS H, SOMBRERO RANCH, COUNTY OF BOULDER, STATE OF COLORADO.

NOTES

- 1. BENCH MARK: CITY OF BOULDER Z-2-5; FND 3IN ALUM PIPE 0.7 ABOVE GND-1/4 S34/S35, BETWEEN RESERVE DR & PIEDMONT ELEVATION=5282.33' NAVD88. SITE BENCH MARK AS SHOWN.
- 2. THIS TOPOGRAPHIC SURVEY IS NOT AN "IMPROVEMENT SURVEY PLAT OR "LAND SURVEY PLAT". NO BOUNDARY DETERMINATIONS HAVE BEEN MADE, OR TITLE SEARCHES PREPARED.
- 3. THE LOCATION OF THE ABOVE GROUND UTILITIES SHOWN HEREON ARE BASED ON THE FIELD SURVEY BY SCOTT, COX & ASSOCIATES, INC. THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON SAID SURVEY AND INFORMATION PROVIDED BY OTHERS (WHICH MAY INCLUDE THE UTILITY OWNER OR UTILITY LOCATING SERVICES). SCOTT, COX & ASSOCIATES, INC. IS NOT RESPONSIBLE FOR UTILITY INFORMATION PROVIDED BY OTHERS. SCOTT, COX & ASSOCIATES, INC. RECOMMENDS THAT THE LOCATION OF THE UTILITIES BE FIELD VERIFIED PRIOR TO ANY DIGGING ON, OR ADJACENT TO THE SUBJECT PROPERTY.
- 4. THE TREES IDENTIFIED ON THIS DRAWING MAY REPRESENT A SINGLE TREE OR THE CENTRAL POINT WITHIN A CLUSTER OF OTHER, SMALLER TREES. WHILE AN EFFORT WAS MADE TO LOCATE ALL TREES WITHIN THE CLIENT'S DIRECTED PARAMETERS, NO GUARANTEE IS PROVIDED THAT ALL TREES WITHIN THESE PARAMETERS HAVE BEEN LOCATED. TREES SHOWN PER DIRECTION OF THE ARCHITECT.
- 5. THIS DRAWING IS BASED ON A FIELD SURVEY COMPLETED ON 10/20/21.
- 6. NOTICE: ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED ON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE SHOWN HEREON. CRS-13-80-105(3)a.
- 7. FLOOD PLAIN DESIGNATION OF THE SURVEYED PROPERTY PER FIRM MAP NUMBER 08013C0414K, MAP REVISED DECEMBER 07, 2017 IS ZONE X, BEING AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

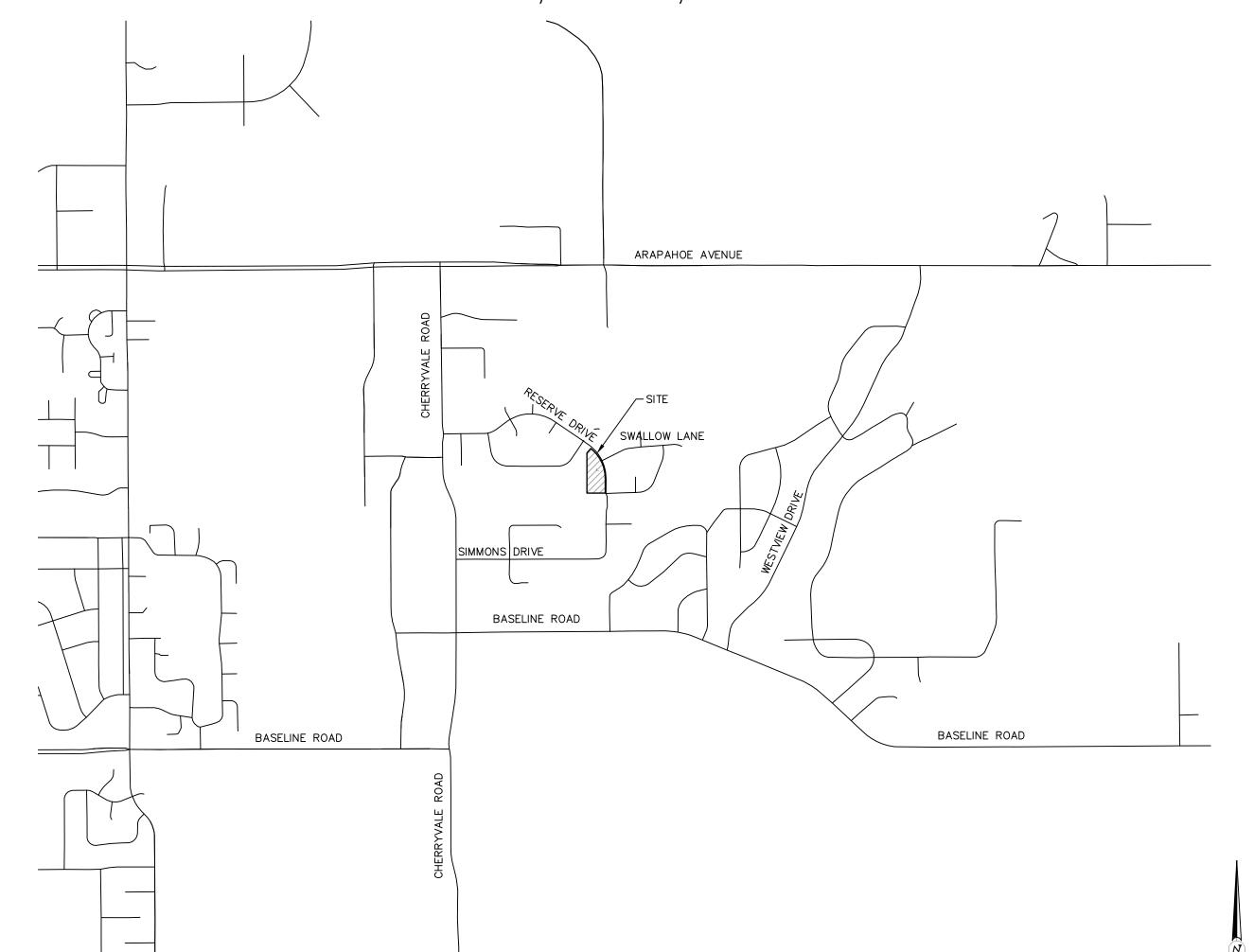
TOPOGRAPHIC MAP 6298 RESERVE DRIVE BOULDER, COLORADO



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		JAS	11/11/21	1"=20'	213	06A	1
	Drawn by		Revision	Descr	iption	Date	Project no.
	Checked by	AJB					21306A
•							

FOR

6298 RESERVE DRIVE BOULDER, COUNTY, COLORADO



GENERAL NOTES

(APPLIES TO ALL SHEETS)

- BENCH MARK: CITY OF BOULDER Z-2-5; FND 3IN ALUM PIPE 0.7 ABOVE GND-1/4 S34/S35, BETWEEN RESERVE DR & PIEDMONT ELEVATION=5282.33' NAVD88. SITE BENCH MARK AS SHOWN.
- . THIS DRAWING IS BASED ON A SURVEY BY SCOTT, COX AND ASSOCIATESS. ALL WORK WAS COMPLETED 10/20/21.
- 3. ALL CUT AND FILL SLOPES IN SHALL BE MINIMUM OF 1.5:1.
- 4. GRADE AWAY FROM BUILDINGS AT A MINIMUM 10% SLOPE IN THE FIRST TEN FEET AT LANDSCAPE AREAS AND AT A MINIMUM 2% SLOPE IN THE FIRST TEN FEET AT IMPERVIOUS AREAS, EXCEPT AS
- 5. FOUNDATION HEIGHT SHALL BE RAISED TO A MINIMUM OF 8" ABOVE EXISTING OR PROPOSED GRADE AT EXTERIOR OF BUILDING.
- 6. FLOOD PLAIN DESIGNATION OF THE SURVEYED PROPERTY PER FIRM MAP NUMBER 08013C0414K, MAP REVISED DECEMBER 07, 2017 IS ZONE X, BEING AREAS DETERMINED TO BE OUTSIDE THE 0.2%
- . LAYOUT OF LANDSCAPING AND OTHER ARCHITECTURAL FEATURES MAY VARY FROM THIS PLAN BASED ON FINAL SITE DESIGN AND FROM SITE CONDITIONS.
- 8. ALL CONSTRUCTION SHALL CONFORM TO THE BOULDER COUNTY MULTIMODAL TRANSPORTATION STANDARDS (BCMTS).

LEGAL DESCRIPTION

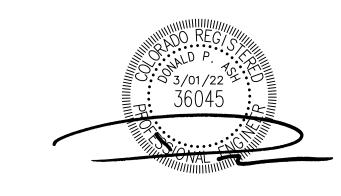
OUTLOTS H, SOMBRERO RANCH, COUNTY OF BOULDER, STATE OF COLORADO.

SHEET INDEX

VICINITY MAP

SCALE: 1" = 1000'

COVER SHEET	C1.01
EXISTING CONDITIONS PLAN	C2.01
CIVIL SITE PLAN	C2.02
GRADING DRAINAGE AND EROSION CONTROL PLAN	C2.03
UTILITY PLAN	C2.04
CIVIL DETAILS	C3.01



LEGEND



EXISTING DECIDUOUS TREE



EXISTING PINE TREE

FOUND MONUMENT AS NOTED

EXISTING ELECTRIC METER EXISTING WATER VALVE

EXISTING CLEANOUT EXISTING GAS METER

EXISTING WATER METER CONTROL POINT EXISTING LIGHT POLE

EXISTING SANITARY SEWER W/MANHOLE EXISTING WATER W/FIRE HYDRANT

— X — X — EXISTING FENCE

RECORD COURSE PER PLAT PROPOSED CONTOUR

ADD 5500 TO ALL CONTOURS — — —5225— — — EXISTING CONTOUR

POINT WHERE PROPOSED GRADE MEETS EXISTING GRADE PROPOSED SPOT ELEVATION ADD 5500 TO ALL SPOT ELEVATIONS

EXISTING STORM SEWER W/MANHOLE

EXISTING SPOT ELEVATION HISTORIC SHEET FLOW PROPOSED FLOW DIRECTION

FINISHED FLOOR ELEVATION CATCH FENCE CF

STRAW BALE BARRIER SB

SILT FENCE SF

VEHICLE TRACKING CONTROL (VTC)

EROSION CONTROL MATTING EM

INLET PROTECTION (IP)

INLET PROTECTION (IP)

CONCRETE WASHOUT AREA CWA

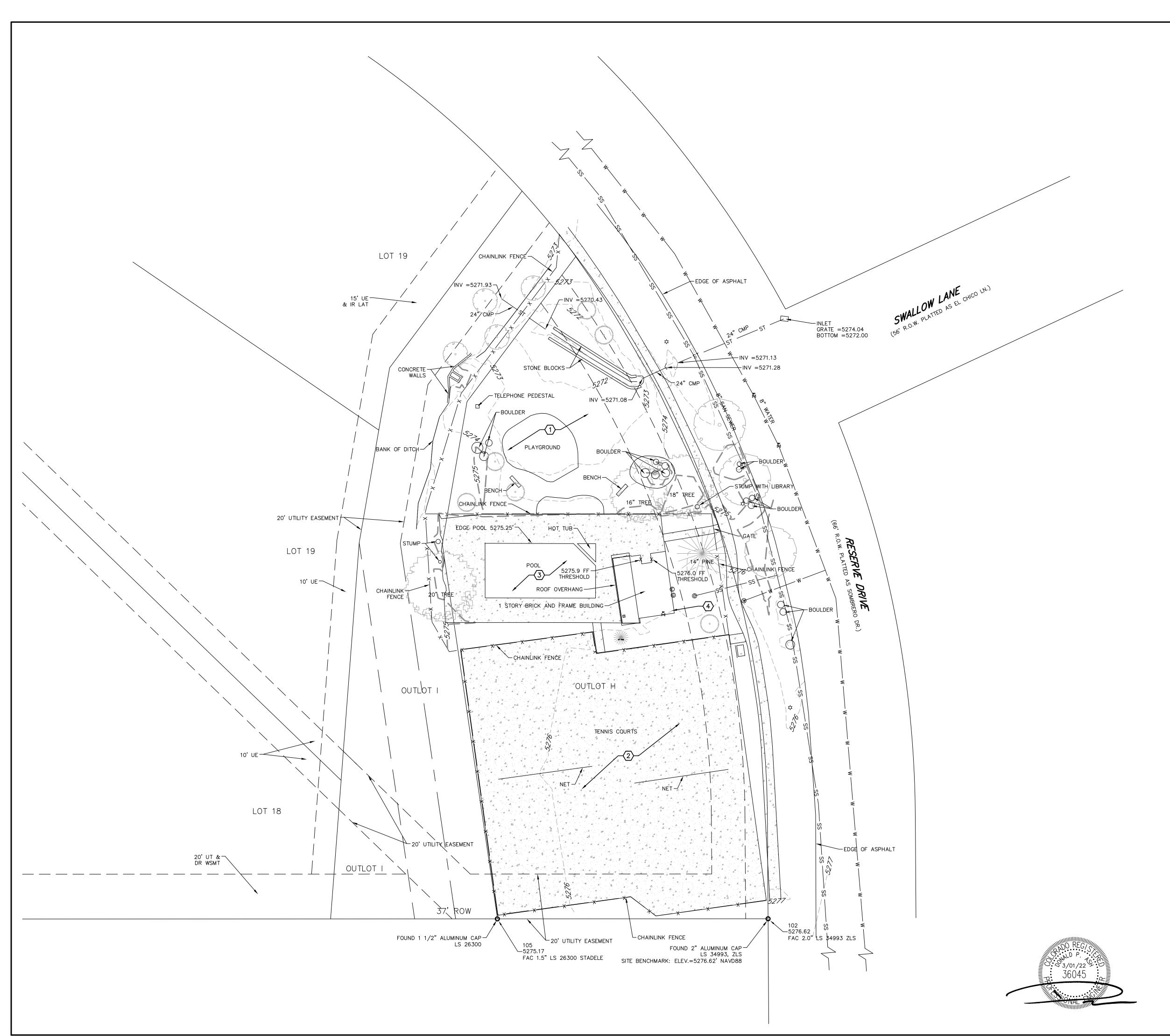
ROCK SOCK RS

COVER SHEET HOA POOL FACILITY 6298 RESERVE DRIVE BOULDER, COLORADO

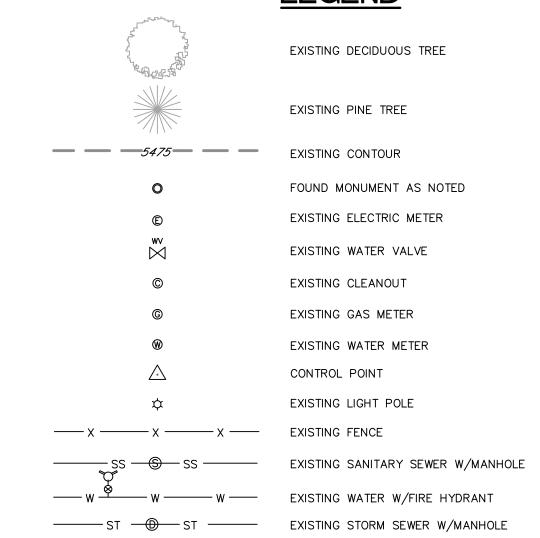


SCOTT, COX & ASSOCIATES, INC. consulting engineers • surveyors 1530 55th Street • Boulder, Colorado 80303 (303) 444 - 3051

C1.01 01/27/22 1"=20' 21306B-1 DRS Revision Project no. Checked by ____DMS 21306B



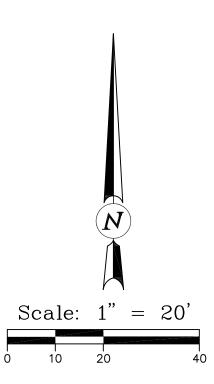
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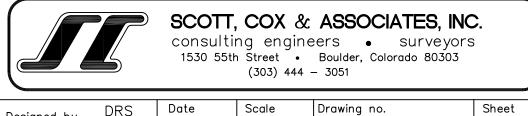
KEYED NOTES

RECORD COURSE PER PLAT

- 1. EXISTING PLAYGROUND TO REMAIN.
- 2. EXISTING TENNIS COURTS TO REMAIN.
- 3. EXISTING POOL TO BE REMOVED AND REPLACED.
- 4. EXISTING STRUCTURE TO BE REMOVED.



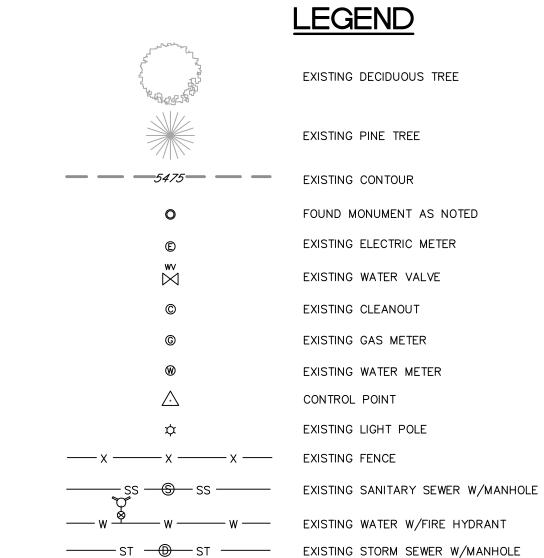
EXISTING CONDITIONS PLAN HOA POOL FACILITY 6298 RESERVE DRIVE BOULDER, COLORADO



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		Revision	Descr	iption	Date	Project no.
Checked by DMS 21306B	Checked byDMS					21306B

ATTACHMENT A

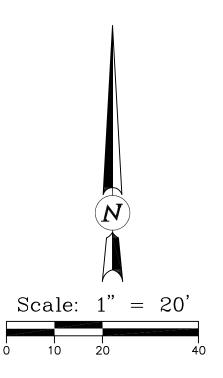




KEYED NOTES

RECORD COURSE PER PLAT

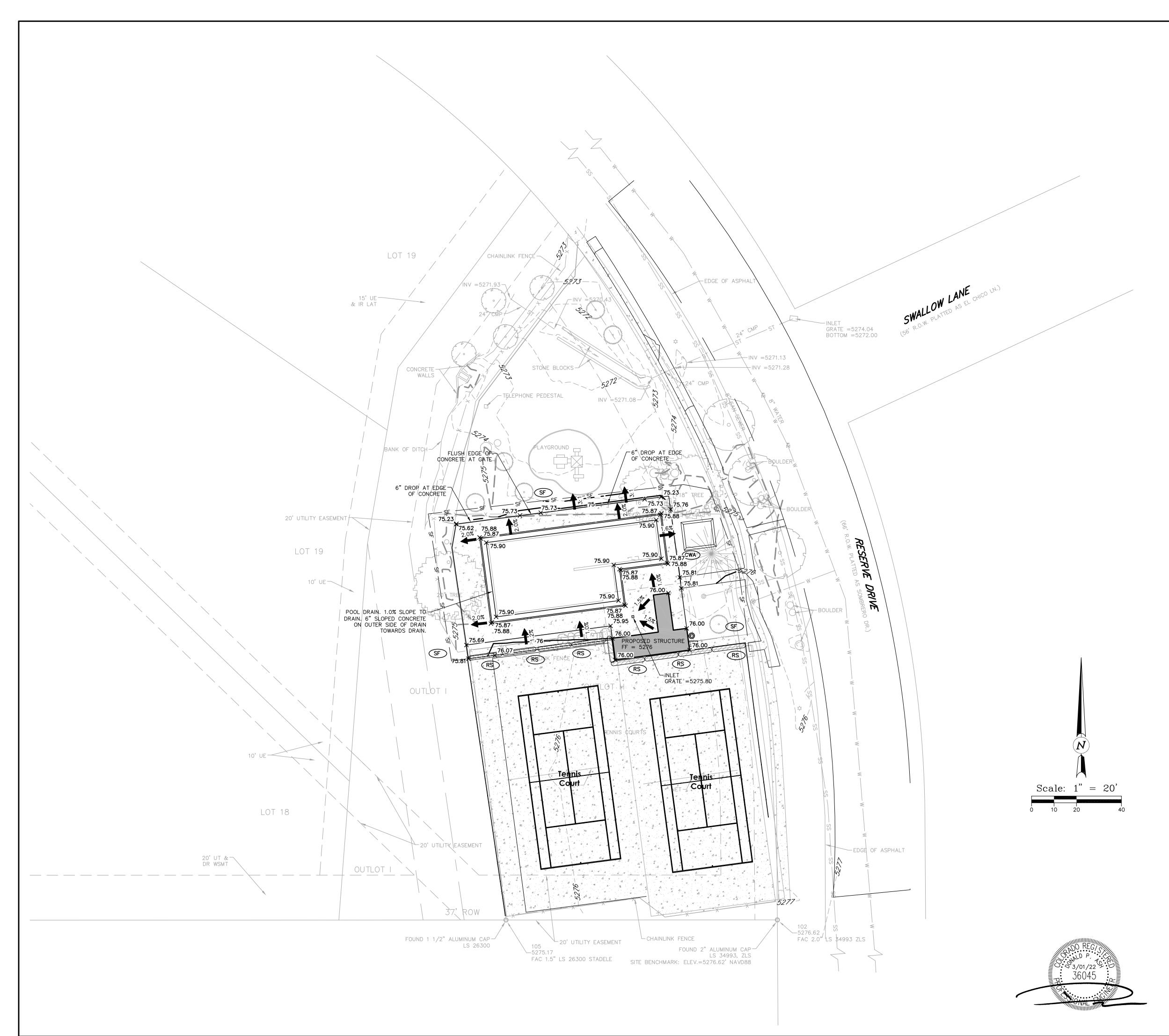
- 1. PROPOSED POOL.
- 2. PROPOSED SIDEWALK.
- 3. PROPOSED STRUCTURE.
- 4. PROPOSED LANDSCAPING.
- 5. EXISTING TREES TO REMAIN.
- 6. REMOVE AND REPLACE CONCRETE POOL PAD.



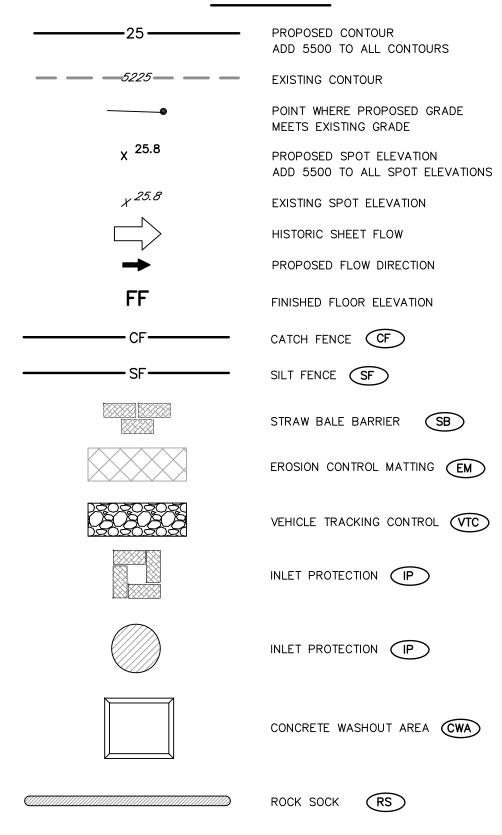
CIVIL SITE PLAN HOA POOL FACILITY 6298 RESERVE DRIVE BOULDER, COLORADO



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LEGEND



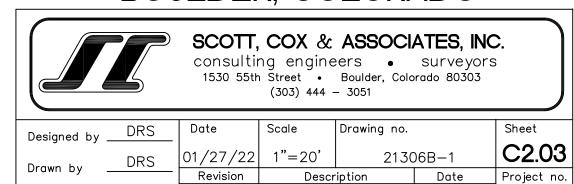
GRADING NOTES

- GRADE AWAY FROM BUILDINGS AT A MINIMUM 10% SLOPE IN THE FIRST 10 FEET AT LANDSCAPE AREAS AND AT A MINIMUM 2% SLOPE IN THE FIRST 10 FEET AT IMPERVIOUS AREAS, EXCEPT AS NOTED.
- 2. TOP OF FOUNDATION ELEVATION SHALL BE SET AT LEAST 8" ABOVE THE PROPOSED GRADING AT THE EXTERIOR OF THE FOUNDATION AT LANDSCAPE AREAS.
- 3. ALL CITY UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF BOULDER STANDARD SPECIFICATIONS.
- 4. THE LOCATION OF THE ABOVE GROUND UTILITIES SHOWN HEREON ARE BASED ON THE FIELD SURVEY BY SCOTT, COX & ASSOCIATES, INC. THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON SAID SURVEY AND INFORMATION PROVIDED BY OTHERS (WHICH MAY INCLUDE THE UTILITY OWNER OR UTILITY LOCATING SERVICES). SCOTT, COX & ASSOCIATES, INC. IS NOT RESPONSIBLE FOR UTILITY INFORMATION PROVIDED BY OTHERS. SCOTT, COX & ASSOCIATES, INC. RECOMMENDS THAT THE LOCATION OF THE UTILITIES BE FIELD VERIFIED PRIOR TO ANY DIGGING ON, OR ADJACENT TO THE SUBJECT PROPERTY.
- BENCH MARK: CITY OF BOULDER Z-2-5; FND 3IN ALUM PIPE 0.7 ABOVE GND-1/4 S34/S35, BETWEEN RESERVE DR & PIEDMONT ELEVATION=5282.33' NAVD88. SITE BENCH MARK AS SHOWN.

EROSION CONTROL NOTES

- 1. TO THE EXTENT PRACTICABLE, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO GRADING ACTIVITIES. AT ALL TIMES DURING PROJECT CONSTRUCTION, ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO PREVENT ACCELERATED EROSION ON THE SITE AND ANY ADJACENT PROPERTIES.
- 2. ALL TOPSOIL, WHERE PHYSICALLY PRACTICABLE, SHALL BE SALVAGED AND NO TOPSOIL SHALL BE REMOVED FROM THE SITE. TOPSOIL AND OVERBURDEN SHALL BE SEGREGATED AND STOCKPILED SEPARATELY. TOPSOIL AND OVERBURDEN SHALL BE REDISTRIBUTED WITHIN THE GRADED AREA AFTER ROUGH GRADING TO PROVIDE A SUITABLE BASE FOR AREAS WHICH WILL BE SEEDED AND PLANTED. RUNOFF FROM STOCKPILED AREA SHALL BE CONTROLLED TO PREVENT EROSION AND RESULTANT SEDIMENTATION OF RECEIVING WATER.
- 3. ALL DISTURBED AREAS SHALL RECEIVE PERMANENT VEGETATIVE COVER AS DESCRIBED ABOVE. ALL CUT OR FILL SLOPES WITH 3 TO 1 OR GREATER SLOPE SHALL BE COVERED WITH EROSION CONTROL MATTING OR HYDROMULCHED WITH A WOOD FIBER AND TACKIFIER AT 1 TON/ACRE.
- 4. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER, OR OWNER APPROVED AGENT, AFTER ALL STORM EVENTS. ANY EROSION CONTROL MEASURES WHICH ARE DAMAGED PRIOR TO RE-ESTABLISHMENT OF VEGETATIVE COVER SHALL BE REPLACED IMMEDIATELY.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES AFTER THE ESTABLISHMENT OF FULL VEGETATION, INCLUDING BUT NOT LIMITED TO SILT FENCE AND POSTS, HAY BALES, AND REGRADING TEMPORARY SEDIMENT BASINS.

GRADING, DRAINAGE AND EROSION CONTROL PLAN HOA POOL FACILITY 6298 RESERVE DRIVE BOULDER, COLORADO



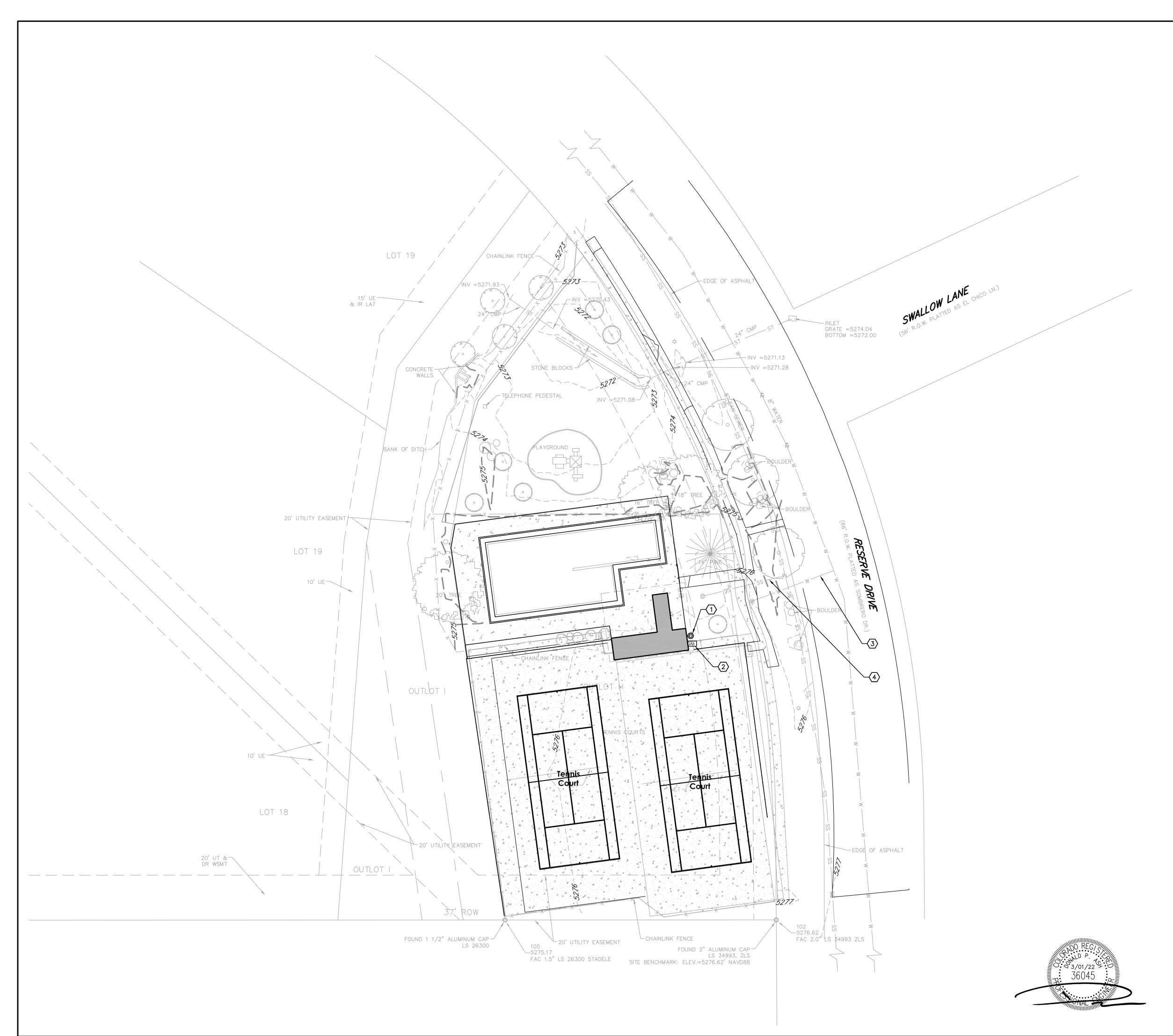
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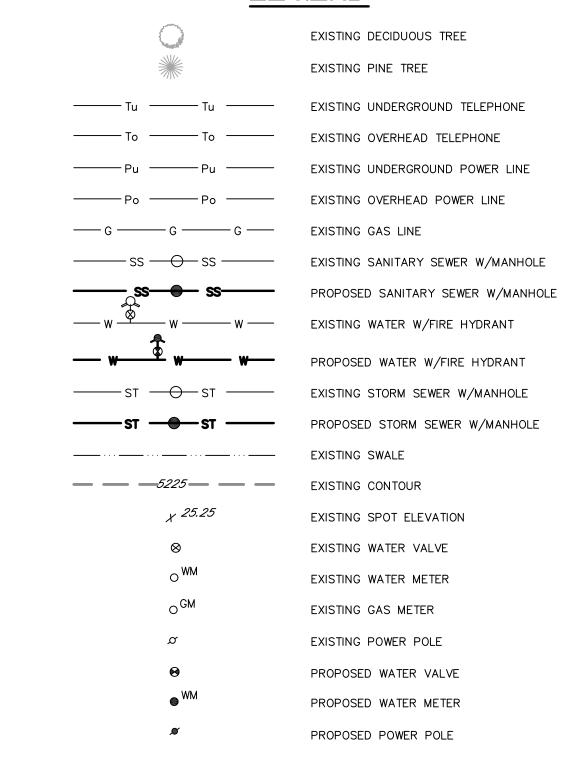
DRAWINGS\2021 PROJECT FOLDER\21306 6296

405

ATTACHMENT A

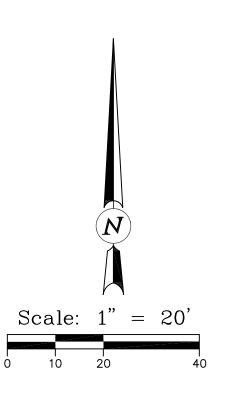


LEGEND



KEYED NOTES

- 1. RELOCATED ELECTRIC METER.
- 2. RELOCATED GAS METER.
- 3. EXISTING WATER TO REMAIN.
- 4. EXISTING SANITARY SEWER TO REMAIN.



UTILITY PLAN HOA POOL FACILITY 6298 RESERVE DRIVE BOULDER, COLORADO

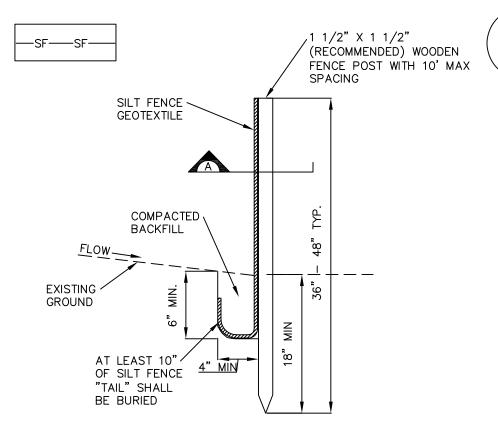


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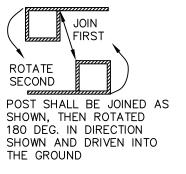
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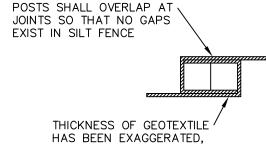
A20

ATTACHMENT A



SILT FENCE





SECTION A

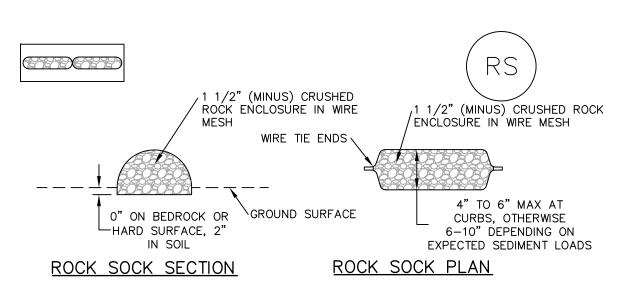
SF-1. SILT FENCE

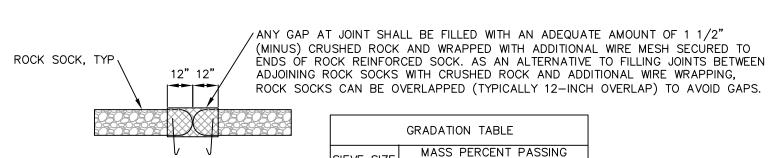
SILT FENCE INSTALLATION NOTES

NECESSARY MAINTENANCE.

- 1. SILT FENCE MUST BE PLACED AWAY FROM THE TOE OF THE SLOPE TO ALLOW FOR WATER PONDING, SILT FENCE AT THE TOE OF A SLOPE SHOULD BE INSTALLED IN A FLAT LOCATION AT LEAST SEVERAL FEET (2-5 FT) FROM THE TOE OF THE SLOPE TO ALLOW ROOM FOR PONDING AND DEPOSITION.
- 2. A UNIFORM 6" X 4" ANCHOR TRENCH SHALL BE EXCAVATED USING TRENCHER OR SILT FENCE INSTALLATION DEVICE. NO ROAD GRADERS, BACKHOES, OR SIMILAR EQUIPMENT SHALL BE USED.
- 3. COMPACT ANCHOR TRENCH BY HAND WITH A "JUMPING JACK OR BY WHEEL ROLLING. COMPACTION SHALL BE SUCH THAT SILT FENCE RESISTS BEING PULLED OUT OF ANCHOR TRENCH BY HAND.
- 4. SILT FENCE SHALL BE PULLED TIGHT AS IT IS ANCHORED TO THE STAKES. THERE SHOULD BE NO NOTICEABLE SAG BETWEEN STAKES AFTER IT HAS BEEN ANCHORED TO THE STAKES.
- 5. SILT FENCE FABRIC SHALL BE ANCHORED TO THE STAKES USING 1" HEAVY DUTY STAPLES OR NAILS WITH 1" HEADS. STAPLES AND NAILS SHOULD BE PLACED 3" ALONG THE FABRIC DOWN THE STAKE.
- 6. AT THE END OF A RUN OF SILT FENCE ALONG A CONTOUR, THE SILT FENCE SHOULD BE TURNED PERPENDICULAR TO THE CONTOUR TO CREATE A "J—HOOK." THE "J—HOOK" EXTENDING PERPENDICULAR TO THE CONTOUR SHOULD BE OF SUFFICIENT LENGTH TO KEEP RUNOFF FROM FLOWING AROUND THE END OF THE SILT FENCE (TYPICALLY 10' 20').
- 7. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.

 SILT FENCE MAINTENANCE NOTES
- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM
- 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- 4. SEDIMENT ACCUMULATED UPSTREAM OF THE SILT FENCE SHALL BE REMOVED AS NEEDED TO MAINTAIN THE FUNCTIONALITY OF THE BMP, TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 6".
- 5. REPAIR OR REPLACE SILT FENCE WHEN THERE ARE SIGNS OF WEAR, SUCH AS SAGGING, TEARING, OR COLLAPSE.
- 6. SILT FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED SY THE LOCAL JURISDICTION, OR IS REPLACED BY AN EQUIVALENT PERIMETER SEDIMENT CONTROL BMP.
- 7. WHEN SILT FENCE IS REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.





V J	CIE
ROCK SOCK JOINTING	SIE

GRADATION TABLE SIEVE SIZE MASS PERCENT PASSING SQUARE MESH SIEVES NO. 4 2" 100 1 1/2" 90 - 100 1" 20 - 55 3/4" 0 - 15 3/8" 0 - 5 MATCHES SPECIFICATIONS FOR NO. 4 COARSE AGGREGATE FOR CONCRETE PER AASHTO M43. ALL ROCK SHALL BE FRACTURED FACE, ALL SIDES.

- ROCK SOCK INSTALLATION NOTES
- SEE PLAN VIEW FOR:
 LOCATION(S) OF ROCK SOCKS.
- 2. CRUSHED ROCK SHALL BE 1 1/2" (MINUS) IN SIZE WITH A FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON THIS SHEET (1 1/2" MINUS).
- 3. WIRE MESH SHALL BE FABRICATED OF 10 GAUGE POULTRY MESH, OR EQUIVALENT, WITH A MAXIMUM OPENING OF 1/2". RECOMMENDED MINIMUM ROLL WIDTH OF 48".
- 4. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6" CENTERS ALONG ALL JOINTS AND AT 2" CENTERS ON ENDS OF SOCKS.
- 5. SOME MUNICIPALITIES MAY ALLOW THE USE OF FILTER FABRIC AS AN ALTERNATIVE TO WIRE MESH FOR THE ROCK ENCLOSURE.

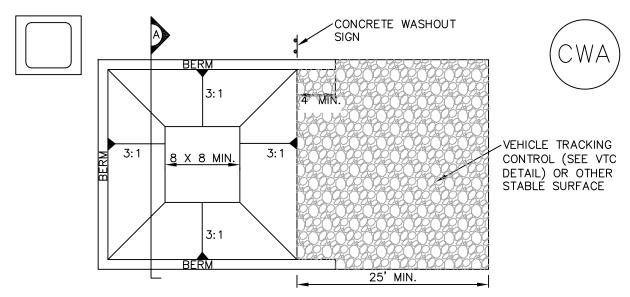
RS-1. ROCK SOCK PERIMETER CONTROL

ROCK SOCK MAINTENANCE NOTES

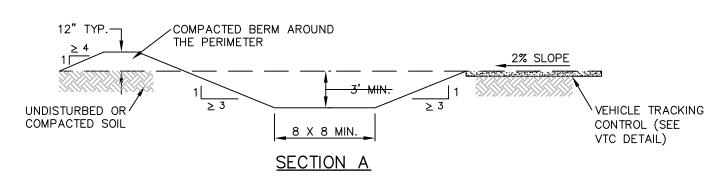
1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.

2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN

- EFFECTIVE OPERATING CONDITION, INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- 4. ROCK SOCKS SHALL BE REPLACED IF THEY BECOME HEAVILY SOILED, OR DAMAGED BEYOND REPAIR.
- 5. SEDIMENT ACCUMULATED UPSTREAM OF ROCK SOCKS SHALL BE REMOVED AS NEEDED TO MAINTAIN FUNCTIONALITY OF THE BMP, TYPICALLY WHEN DEPTH OF ACCUMULATED SEDIMENTS IS APPROXIMATELY 1/2 OF THE HEIGHT OF THE ROCK SOCK
- 6. ROCK SOCKS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
- 7. WHEN ROCK SOCKS ARE REMOVED, ALL DISTURBED AREAS SHALL BE COVERED WITH TOPSOIL, SEEDED AND MULCHED OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.



CONCRETE WASHOUT AREA PLAN



CWA-1. CONCRETE WASHOUT AREA

CWA INSTALLATION NOTES

- SEE PLAN VIEW FOR:

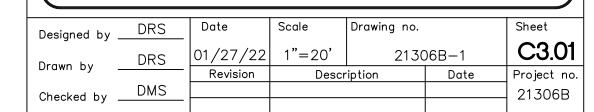
 CWA INSTALLATION LOCATION.
- 2. DO NOT LOCATE AN UNLINED CWA WITH IN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE AREA SHOULD BE USED.
- 3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
- 4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
- 5. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF I'.
- 6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
- 7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
- 8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

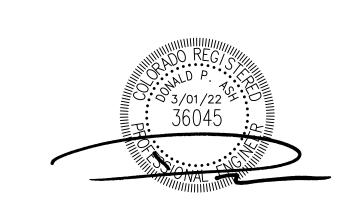
CWA MAINTENANCE NOTES

- 1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
- 2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
- 3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
- 4. THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN CAPACITY FOR CONCRETE WASTE. CONCRETE MATERIALS, ACCUMULATED IN PIT, SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2'.
- 5. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.
- 6. THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
- 7. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, SEED AND MULCH OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

CIVIL DETAILS HOA POOL FACILITY 6298 RESERVE DRIVE BOULDER, COLORADO











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Reserve HOA - POOL

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Description I

FENCE PERMIT - VARIANCE

AO.1

Architectural Site Plan

ATTACHMENT A

VALUE SERIES

V40xW

Weatherized Rim Exit Device

The V40xW Series rim exit device is secure and durable panic and fire exit hardware at an economical price. It is designed for use on all types of single and double doors and gates with mullions that are or may be exposed to the weather. The patented mounting plate and strike locator system ensures the easiest and most accurate installation of panic hardware available. In addition to fisting as UL panic and fire exit hardware device, this device conforms to UL1034-34 Temperature Section 34 , UL1034-54 Dust Section 54, MIL-STD 810F, Method 506,4 (driving rain test), MIL-STD 810F, Method 509.4 (salt fog test) and UBC standard 7-2 (positive









V40xW	
1711 Direct	

device from door

time and money

trims available

Order page

or rekeyed without removing

Fast and easy installation saves

 Withstands over 1400 pounds of static pull force for greater security

Modular design accepts a variety

FC3W - Weatherized 3' Flex Conduit Kit, mounts to device end

FC10W - Weatherized 10' Flex Conduit Kit, mounts to device end

For full list of available mechanical options, see V40 Series How To

of outside trinis and functions

Standard and narrow stile pull

Priced to be the best value for durable and attractive loss	 Minimal door prep saves timeney 	
prevention panic hardware	· Patented mounting plate an	
Angled end-cap deflects damage	strike locator replaces pape	

ime and · Outside trims are easily changed

templates

surfaces

strike locator replaces paper

Fits almost any door in any décor

1/8 turn hex key dogging

F - 3-Hour Fire Rated

· H - Humcane Rated

Extrusion (Std.)

Extrusion

Ribbed aluminum rail extrusion

· High impact ABS and anodized

NS - Narrow stile door option

· Available with 628 Base Rail

Available with 711 Base Rail

· Covers a 161 door prep Stainless steel, 3/4" deadlocking. Pullman-type latch bolt

away from device

 Non-handed Field sizeable

Features

Mechanical Options CD - Cylinder Dogging

 HD - Hex Dogging (Std.) LD - Less Dogging

• 36 - Fits 36" Door Width (Std.) • 48 - Fits 48" Door Width • 99 - Surface Strike (Std.)

• 98 - Sami Mortise Strike

Electrical Options

 Weatherized Exit Alarm (EB W) Weatherized Request to Exit (EX.W)

 Weatherized Request to Exit High Voltage (EXV W)

> Refer to Electrified Options section for more information

> > UBC 97, Standard 7-2 and LIL 108/Us 10/2 for positive

Revos Department of Insurance

MIL-STD 810F (G), Melhod

509 4 (Sall Flog Teal) MIL-STQ 810F (G), Method

Start (Driving Rain)

Procedure 1

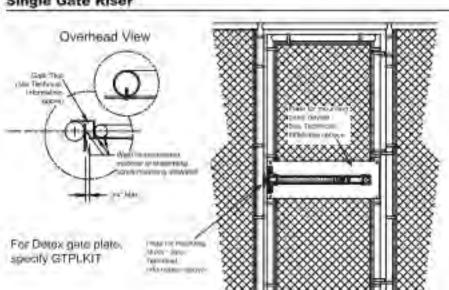
Etalla of Flunca Approva



- 7 1/2" DEPRESSED 18 1/6 & 52 7/8 doves rimemian by 16 down 24 feet A 44 7/8 dovice stimentalism for 48' door

Ato 2 hr NS

Single Gate Riser



Listings and Approvals



CUL US UL Listed Panic Harawara

Means ADA requirements

UL 1034-34 Temperature Section UL 1034-34 Temperature Section 34 [Temperature Range 31"F (-35" C) to 150" F (+56" C)] UL 1034-54 Diss Section 54

A29

ANSIEHMA ce theu A158.3

For detailed windstorm listings visit www.detex.com/PROVEN

▲ Cancer & Reproductive Harm - www.deles.com/prop85 September 11 2018

Accessories SN1 - Sex Nut Fasteners

 GB2 - Glass Bead Kit NSK- Narrow Kit - for 2" narrow stile glass door applications

that must be added in the field · GTPLKIT - Adjustable Gate Plate

· Dutside Trim (see Value Series Trim Options)

 Optional Sek Nuts or Security Torx Screws available

Technical Information Door Types - Wood, Hollow Metal, Fiberglass or Aluminum

 Door Thickness - Fits standard 1-3/4" - 2-1/4" Door Stile - Fits 2-1/2" stille doors with 99 surface strike (Std.) Door Stile - Fits 2" narrow stile doors

 specify NS Machine and Self-Drilling Screws

 Recommended Plate Size Gate - 1/8" thick plate, galvanized or painted steel or 1/4" thick alumnum plate, minimum Height - 10" Strike - 1/8" thick plated galvanized, painted steel plate: angle iron, or 1/4" thick aluminum plate minimum Height - 5"

Slop - 1/8 thick plated, galvanized. or painted angle from or 1/4" thick aluminum angle plate minimum Height - 2"

Detex Limited Warranty 10 Year Mechanical/3 Year Electrical Limited Manufacturer's Warranty

Detex Corporation 302 Detex Drive New Braunfels, Texas 79130-3045 USA PH (630) 629-2900 (800) 729-3839 FAX (800) 653-3839 http://www.detex.com USA Sales: marketing@detex.com International Seles

expan@detex.com





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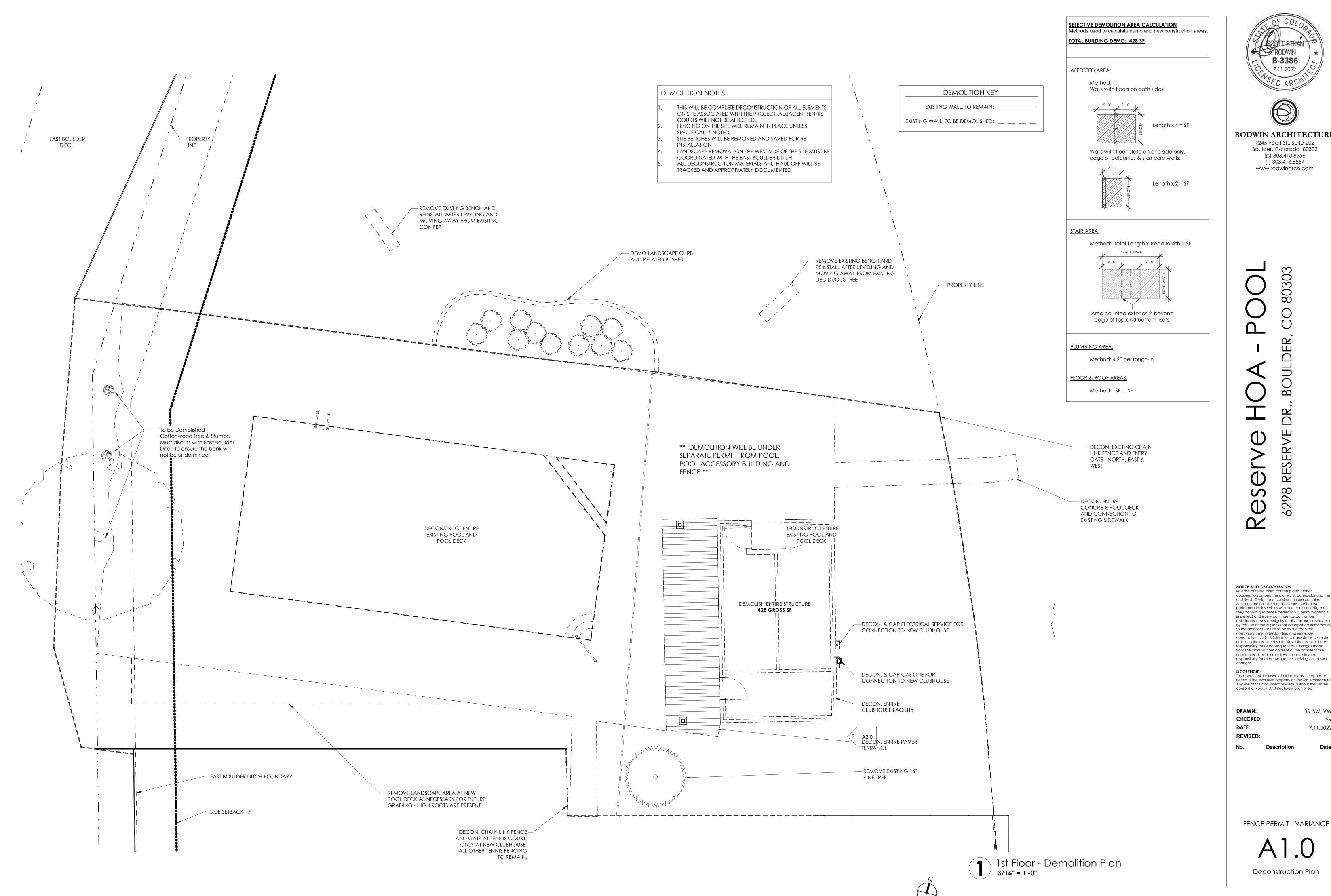
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FENCE PERMIT - VARIANCE

Product Specification







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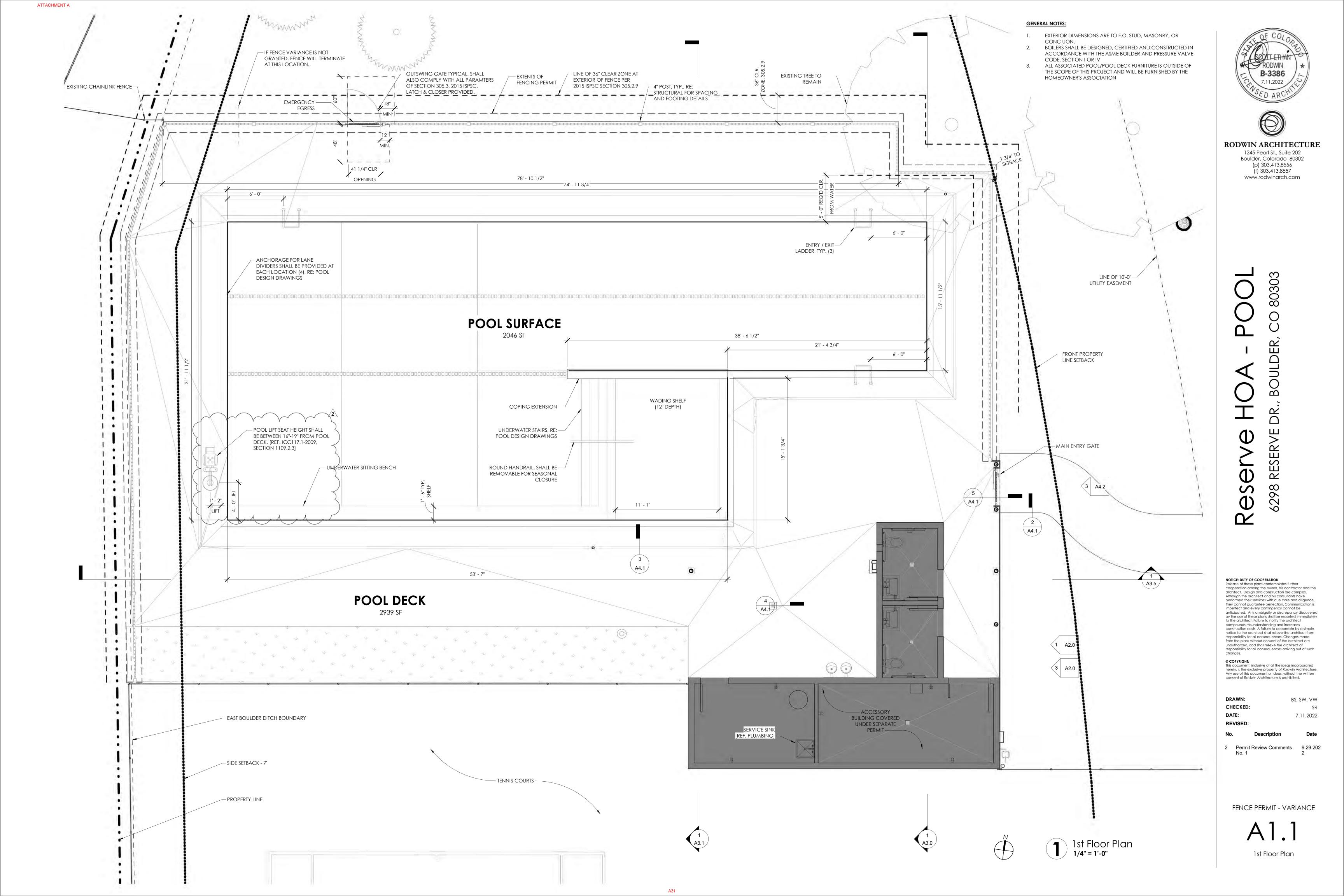
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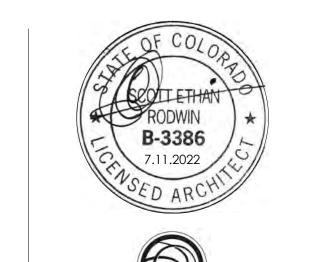
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FENCE PERMIT - VARIANCE

Deconstruction Plan



** FENCING WILL BE UNDER SEPARATE PERMIT FROM POOL AND POOL ACCESSORY BUILDING **



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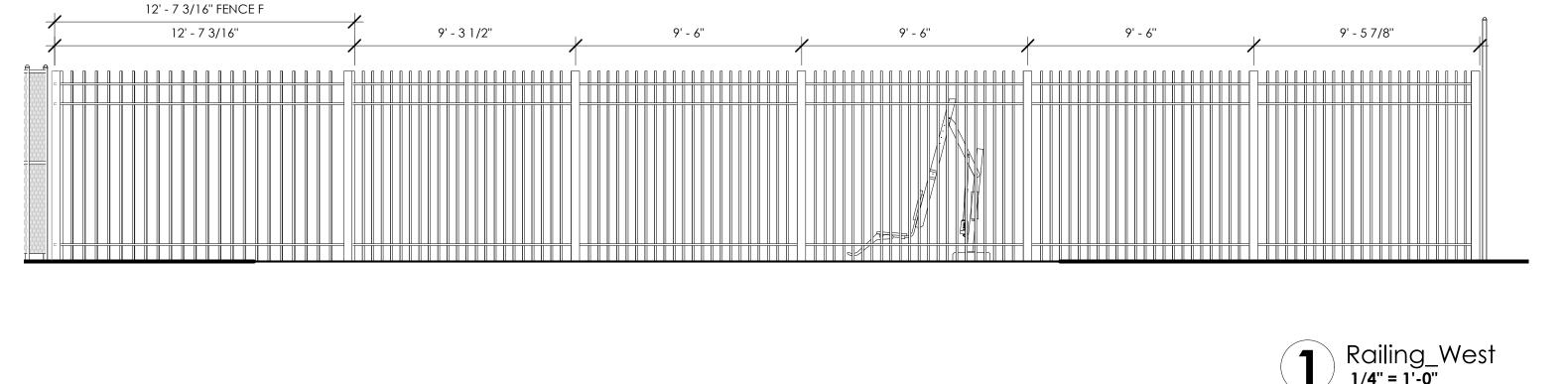
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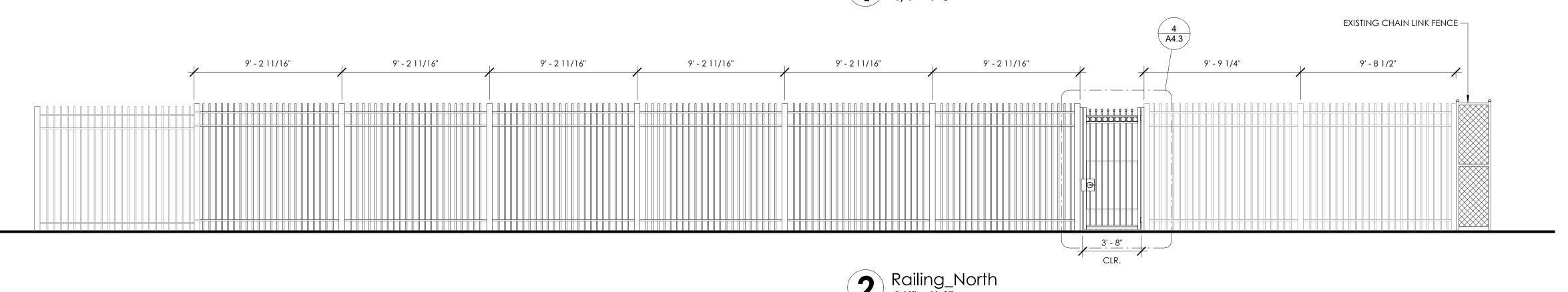
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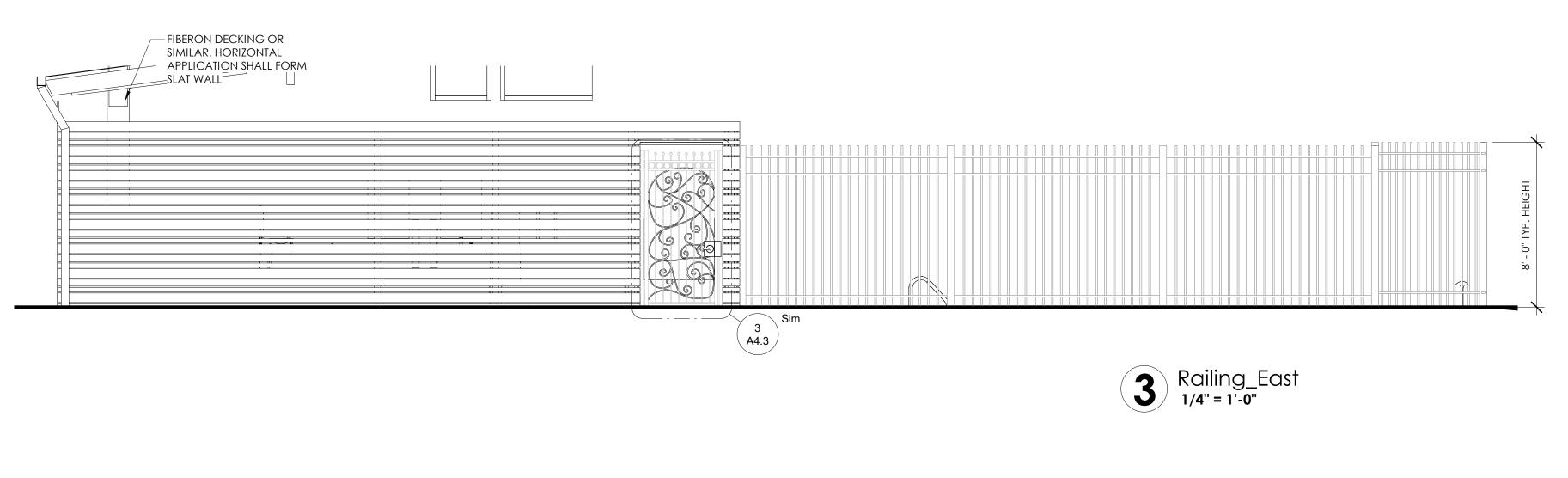
2 Permit Review Comments 9.29.202 No. 1 2

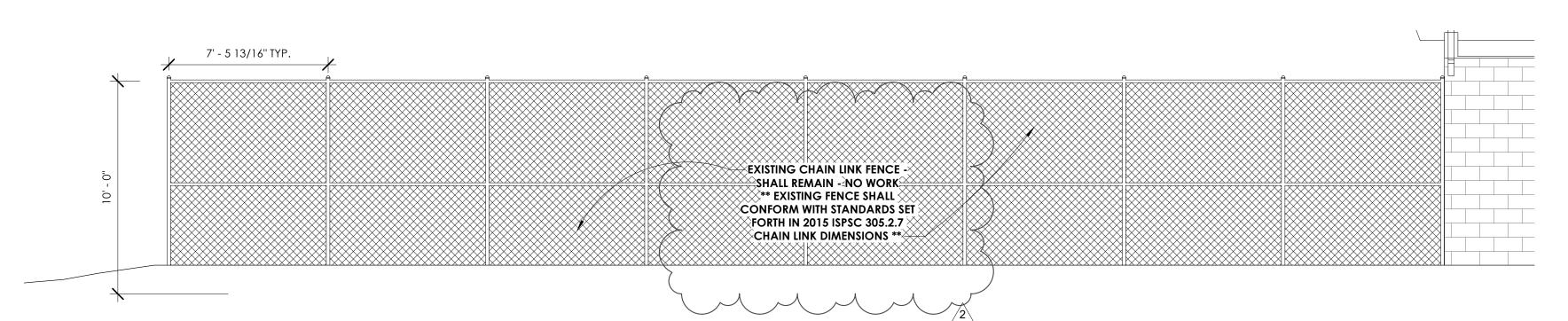
FENCE PERMIT - VARIANCE

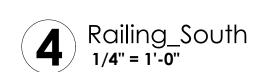
A4.2
Site Fencing & Detailing











Pool Deck Plan - Fencing

& Detailing

1/16" = 1'-0"

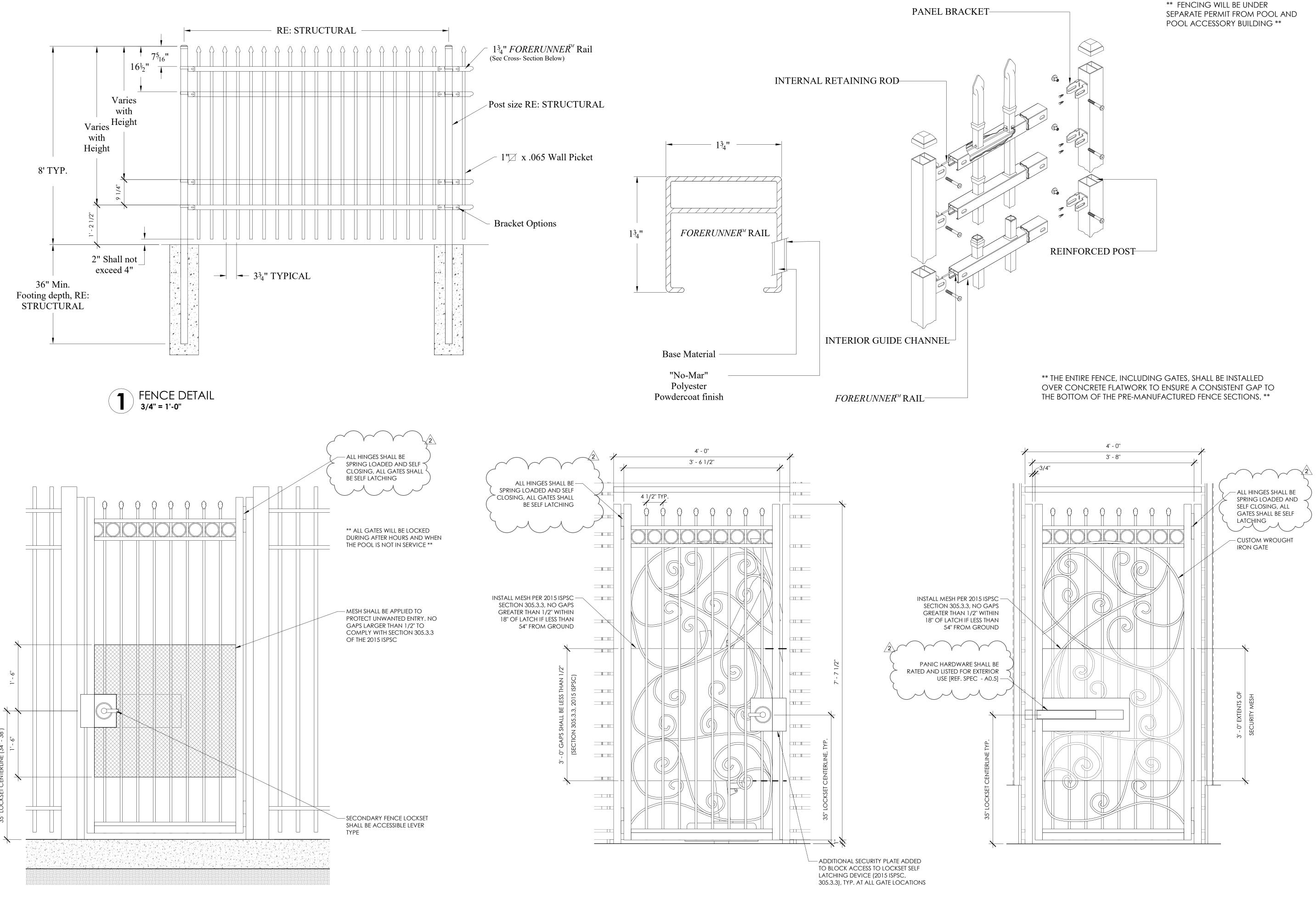
A4.2

POOLHOUSE EXTERIOR WALL LINE

STORAGE

1 A2.0 3 A2.0

A4.2 1



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A4.3

Site Fencing & Detailing

ICC/ANSI A117.1-2009 - FIG. 404.2.3.3 2010 ADA STANDARDS FIG. 404.2.4.2

16 DOORWAY CLEARANCES

(d)

POCKET DOOR, STOP OR

15 LATCH SIDE APPROACH

ICC/ANSI A117.1-2009 - FIG. 404.2.2 ADAAG 2010 FIG. 404.2.4.2 ICC/ANSI A117.1-2009 32" MIN. 404.3.3 THRESHOLDS THRESHOLDS AND CHANGES IN LEVEL AT DOORWAYS SHALLCOMPLY WITH SECTION 404.2.4 2010 ADA STANDARDS SECTION 404.3.3 THRESHOLDS THRESHOLDS AND CHANGES IN LEVEL AT

ICC/ANSI A117.1-2009 - FIG. 404.2.3.2 ADAAG 2010 FIG. 404.2.4.1 42" MIN.

DOOR SWING — FACE OF -DOOR CLEAR WIDTH LATCH SIDE — JAMB

ICC/ANSI A117.1-2009 (RE: SECTION 404.2.2) 2010 ADA STANDARDS **SECTION 404.2.3 CLEAR WIDTH**

DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32" MIN. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24" DEEP REQUIRE A CLEAR OPENING OF 36" MIN. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34" ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34" AND 80" ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4". **EXCEPTIONS:**

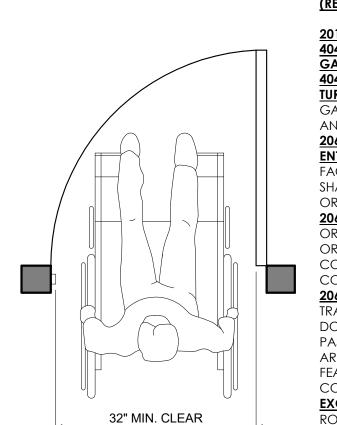
1. IN ALTERATIONS, A PROJECTION OF 5/8" MAX CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH

DOORS AND DOORWAYS

ICC/ANSI A117.1-2009 - 404.2.1 (MUST COMPLY WITH 404.2.2 AND 404.2.3) 2010 ADA STANDARDS - 404.2.2 (MUST COMPLY WITH 404.2.3 AND 404.2.4) 32" MIN. CLEAR 32" MIN. CLEAR

*AT EXTERIOR FRENCH DOOR, OPERABLE LEAF MUST MEET CLEARANCE REQUIREMENT

3 DOUBLE DOOR CLEARANCES

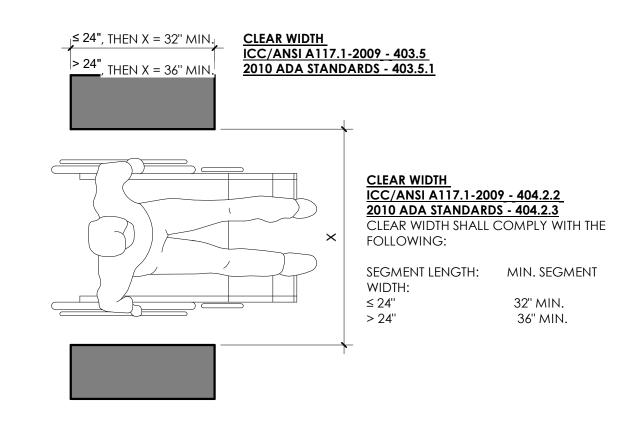


COMPLYING WITH THESE REQUIREMENTS SHALL COMPLY WITH 404. 206.5.3 TRANSIENT LODGING FACILITIES. IN

TRANSIENT LODGING FACILITIES, ENTRANCES, DOORS, & DOORWAYS PROVIDING USER PASSAGE INTO AND WITHIN GUEST ROOMS THAT ARE NOT REQUIRED TO PROVIDE MOBILITY FEATURES COMPLYING WITH 806.2 SHALL COMPLY WITH 404.2.3.

EXCEPTION: SHOWER & SAUNA DOORS IN GUEST ROOMS THAT ARE NOT REQUIRED TO PROVIDE MOBILITY FEATURES COMPLYING WITH 806.2 SHALL NOT BE REQUIRED TO COMPLY WITH 404.2.3.

ACCESSIBLE USER PASSAGE DOORS



MEASURING CLEAR WIDTH AT

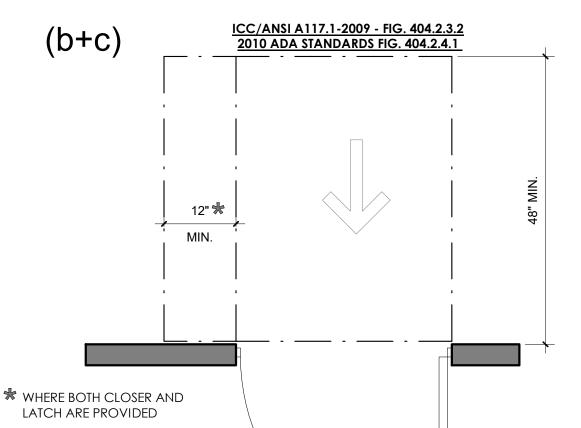
ACCESSIBLE

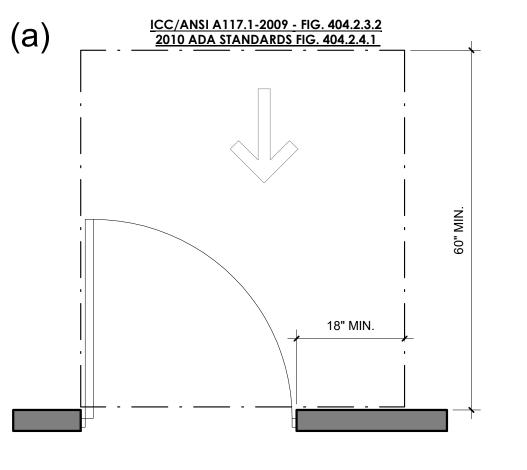
MEASURING CLEAR WIDTH AT

ICC/ANSI A117.1-2009 - FIG. 404.2.3.2 2010 ADA STANDARDS FIG. 404.2.4.1 36" MIN.

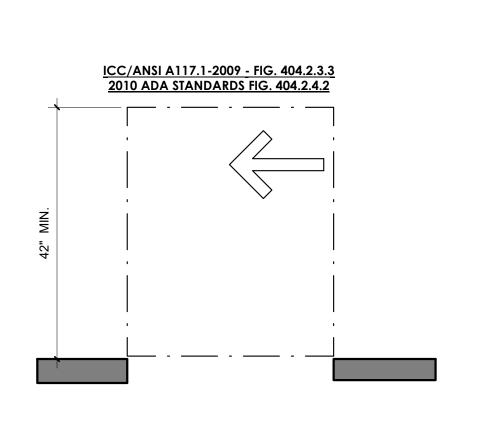
7 HINGE APPROACH, PULL SIDE

8 HINGE APPROACH, PULL SIDE ALT

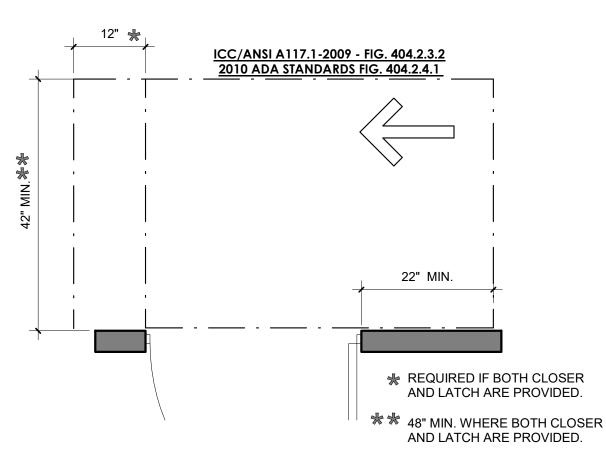




ICC/ANSI A117.1-2009 - FIG. 404.2.3.3 2010 ADA STANDARDS FIG. 404.2.4.2



DOORWAYS WITHOUT DOORS -13 SIDE APPROACH





DOORWAYS SHALLCOMPLY WITH SECTION 404.2.5

IS PROVIDED

FRONT APROACH AT SLIDING

12 AND FOLDING DOORS

ICC/ANSI A117.1-2009 - FIG. 404.2.3.2 2010 ADA STANDARDS FIG. 404.2.4.1

24" MIN. ★ 48" MIN. IF CLOSER

(11) LATCH APPROACH, PUSH SIDE

ICC/ANSI A117.1-2009 - FIG. 404.2.3.2 (h+i) 2010 ADA STANDARDS FIG. 404.2.4.1 24" MIN.

★ 54" MIN. IF CLOSER IS PROVIDED

(f+g)

* WHERE BOTH CLOSER AND

6 FRONT APPROACH, PUSH SIDE

INTO THE REQUIRED

SIDE STOP. 2. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78" MIN ABOVE THE FINISH FLOOR OR GROUND.

ICC/ANSI A117.1-2009 (RE: SECTION 404.2) 2010 ADA STANDARDS 404.2 MANUAL DOORS, DOORWAYS, & MANUAL 404.2.1 REVOLVING DOORS, GATES, & TURNSTILES. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE. 206.5 DOORS, DOORWAYS, AND GATES. 206.5.1 ENTRANCES. EACH ENTRANCE TO A BUILDING OR FACILITY REQUIRED TO COMPLY WITH 206.4 SHALL HAVE AT LEAST ONE DOOR, DOORWAY, OR GATE COMPLYING WITH 404. **206.5.2 ROOMS AND SPACES.** WITHIN A BUILDING OR FACILITY, AT LEAST ONE DOOR, DOORWAY, OR GATE SERVING EACH ROOM OR SPACE

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FENCE PERMIT - VARIANCE

ACCESSIBILITY DETAILS

ATTACHMENT A

FRVE DRIVE

- POOL FACILITY

DATE: 4/7/22

JOB #: 21193

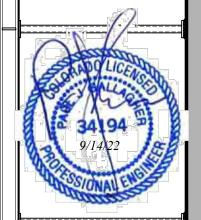
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CHECKED BY: PJG

REVISED:

9/14/22



S1.1

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GENERAL STRUCTURAL NOTES

PROJECT: 6298 RESERVE DRIVE RESERVE HOA POOL FACILITY 2015 INTERNATIONAL BUILDING CODE

WIND (V_{ut}) SEISMIC

<u>DESIGN LOADS</u>

<u>INSPECTIONS</u>

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION FROM GEBAU, INC. OR BY AN INSPECTION AGENCY APPROVED BY GEBAU, INC. WITH A 24 HOUR ADVANCED NOTICE: FOOTINGS, FOUNDATION WALL FORMS, REINFORCING, ANCHOR BOLTS, MOMENT FRAME EMBED PLATES, AND WELDED DOWELS PRIOR TO CONCRETE POUR.

155 MPH EXP C CATEGORY B

STRUCTURAL STEEL FRAMING ELEMENTS, BOLTING, FIELD WELDS, AND STEEL ROOF DECK CMU VERTICAL REINFORCING, BOND BEAM STEEL, AND EMBED LOCATIONS PRIOR TO

ALL BONDING MUST BE INSPECTED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION PRIOR TO PLACEMENT OF ANY CONCRETE.

SOILS-RELATED SPECIAL INSPECTIONS ARE TO BE PERFORMED BY THE GEOTECHNICAL

ENGINEER OF RECORD. SPECIAL INSPECTIONS: SOILS (IBC SECTION 1705.6)

	TYPE	CONTINUOUS (C) OR PERIODIC (P)
	 VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. 	P
	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	P
	3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIAL.	P
•	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	С
	5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	P

<u> SPECIAL INSPECTIONS: WIND-RESISTING COMPONENTS (IBC SECTION 1705.11.3)</u> CONTINUOUS (C) OR PERIODIC (F

ROOF COVERING, ROOF DECK AND ROOF FRAMING FOUNDATIONS

FOUNDATION DESIGNED IN ACCORDANCE WITH RECOMMENDATIONS CONTAINED IN SOILS INVESTIGATION REPORT PREPARED BY SCOTT, COX & ASSOCIATES. SOILS REPORT NO. 213*0*6 DATED AUGUST 27, 2*0*21.

EXCEPT WHERE OTHERWISE SPECIFICALLY NOTED HEREIN, ALL RECOMMENDATIONS AND PRECAUTIONS CONTAINED IN THAT REPORT SHALL BE ADHERED TO BY THE CONTRACTOR. STRUCTURE SHALL BE FOUNDED UPON DRILLED PIERS (CAISSONS) PENETRATING NOT LESS THAN 14 FEET INTO COMPETENT CLAYSTONE OR SANDSTONE BEDROCK.

BOTTOM OF DRILLED PIERS NOT LESS THAN 26 FEET BELOW EXCAVATION. WHERE GREATER PENETRATION IS REQUIRED, SUCH PENETRATION IS NOTED ON PLANS.

MAXIMUM DESIGN END BEARING PRESSURE: 20,000 PSF

MAXIMUM DESIGN SIDE SHEAR: 2000 PSF

ALL DRILLED PIERS (CAISSONS) SHALL BE REINFORCED WITH 4-#5 FULL LENGTH. PROVIDE 6 INCH VOID BETWEEN PIERS (OR PADS) UNDER ALL WALLS AND GRADE BEAMS.

EXTEND CAIGGONG REINFORCING MINIMUM 2'-6 INTO GRADE BEAM OR WALL.

FLOAT ALL PARTITIONS AND TRIM MATERIAL A MINIMUM OF 3" FROM SLAB ON GRADE.

DEGIGN LATERAL GOIL PREGGURE (EQUIVALENT FLUID PREGGURE): 55 PGF/FT. PROVIDE PERIMETER DRAIN PER SOILS ENGINEER.

SLOPE PERIMETER GRADING AWAY FROM BUILDING PER SOILS ENGINEER.

CONCRETE AND REINFORCEMENT

CONCRETE SHALL CONFORM TO APPLICABLE PROVISIONS OF LATEST REVISION OF ACI-3ØI MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

ALL CONCRETE: 4500 PSI

DEFORMED REINFORCEMENT: ASTM A615 GRADE 60

WELDED WIRE FABRIC: ASTM 185

REINFORCEMENT FABRICATED AND PLACED PER ACI MANUAL OF STANDARD PRACTICE

SPLICES, DOWEL PROJECTION OR EMBEDMENT SHALL BE 32 BAR DIAMETERS, BUT NOT LEGS THAN 24" FOR #5 BARS OR SMALLER.

TYPICAL FOUNDATION REINFORCEMENT 2-#5 TOP AND 2-#5 BOTTOM OR MORE AS NOTED.

SEE PLANS FOR OTHER REQUIREMENTS. CONCRETE MUST BE PLACED CONTINUOUSLY WITHOUT HORIZONTAL COLD JOINT. IF COLD

JOINT IS DESIRED, APPROPRIATE VERTICAL REINFORCEMENT MUST BE PROVIDED. COLD WEATHER PLACEMENT SHALL CONFORM TO PRACTICE SET FORTH IN ACI MANUAL OF

CONCRETE PRACTICE.

EPOXY: SIMPSON AT-XP HIGH STRENGTH ACRYLIC ADHESIVE OR CEMENTITIOUS ANCHOR CEMENT - 6000 PSI 3 DAY. PREPARE HOLES PER ADHESIVE MANUF. RECOMMENDATIONS <u>STRUCTURAL STEEL</u>

HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A500 GRADE B F, = 46 KSI

BOLTG: ASTM A3ØT FOR STEEL TO WOOD, ASTM A325 FOR STEEL TO STEEL WELD MATERIAL: ETØXX

APPROVED BY GEBAU PRIOR TO INSTALLATION.

ALL WELDERS SHALL HAVE EVIDENCE OF HAVING PASSED THE AWS STANDARD QUALIFICATION TEST. ALL EXPANSION ANCHORS TO BE KWIK BOLT 3, AS MANUFACTURED BY HILTI, OR STRONGBOLT 2 AS MANUFACTURED BY SIMPSON OR EQUIVALENT TO BE REVIEWED AND

MASTIC COAT ALL STEEL BELOW GRADE. ALL STRUCTURAL STEEL BEAMS SHALL BEAR MINIMUM OF 3½" IN BEAM POCKETS WITH

STEEL SHIMS & NON-SHRINK GROUT AS REQUIRED OR AS NOTED. ALL BEAMS TO BE LATERALLY BRACED AT BEARING. ALL STRUCTURAL STEEL FABRICATED AND ERECTED PER AISC STEEL CONSTRUCTION

THESE PLANS HAVE BEEN ENGINEERED FOR CONSTRUCTION AT ONE SPECIFIC BUILDING SITE. BUILDER ASSUMES ALL RESPONSIBILITY FOR USE OF THESE PLANS AT ANY OTHER BUILDING SITE.

- POOL COLORAI RE

DATE: 4/7/22 JOB #: 21193 DRAWN BY: PJG

CHECKED BY: PJG REVISED:





Community Planning & Permitting

Courthouse Annex • 2045 13th Street • Boulder, Colorado 80302 Mailing Address: P.O. Box 471 • Boulder, Colorado 80306 303-441-3930 • www.BoulderCounty.gov

April 19, 2023

TO: Jonathan Tardif, Planner II; Community Planning & Permitting, Development

Review

FROM: Ian Brighton, Planner II; Community Planning & Permitting, Access & Engineering

SUBJECT: Docket # VAR-23-0001: Sombrero Ranch HOA

6298 Reserve Drive

The Development Review Team – Access & Engineering staff has reviewed the above referenced docket and has no concerns with this proposal.

This concludes our comments at this time.



Community Planning & Permitting

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Building Safety & Inspection Services Team

MEMO

TO: Jonathan Tardif, Planner II

FROM: Michelle Huebner, Plans Examiner Supervisor

DATE: April 10, 2023

RE: Referral Response, VAR-23-0001: Sombrero Ranch HOA. Variance request to reduce the side setback along the western property line from 7' to approximately 1' 6" for the location of a fence line associated with the redevelopment of a community pool area.

Location: 6298 Reserve Drive

Thank you for the referral. We have the following comments for the applicants:

1. Building Permit. A building permit, plan review, and inspection approvals are required for the proposed fence.

Please refer to the county's <u>adopted 2015 editions of the International Codes and code amendments</u>, which can be found via the internet under the link:

2015 Building Code Adoption & Amendments, at the following URL: Amendments to Boulder County Building Code effective June 6, 2022

- 2. **Design Wind and Snow Loads.** The design wind and ground snow loads for the property are 155 mph (Vult) and 40 psf, respectively.
- 3. **Ignition-Resistant Construction and Defensible Space.** Please refer to Section R327 of the Boulder County Building Code for wildfire hazard mitigation requirements, including ignition-resistant construction and defensible space.
- 4. Plan Review. The items listed above are a general summary of some of the county's building code requirements. A much more detailed plan review will be performed at the time of building permit application, when full details are available for review, to assure that all applicable minimum building codes requirements are to be met. Our Building Safety publications can be found at: <u>Building Publications</u>, <u>Applications and Forms Boulder County</u>

If the applicants should have questions or need additional information, we'd be happy to work with them toward solutions that meet minimum building code requirements. Please call (720) 564-2640 or contact us via e-mail at building@bouldercounty.org



Parks & Open Space

5201 St. Vrain Road • Longmont, CO 80503 303-678-6200 • POSinfo@bouldercounty.org www.BoulderCountyOpenSpace.org

TO: Jonathan Tardif, Community Planning & Permitting Department

FROM: Ron West, Natural Resource Planner

DATE: April 27, 2023

SUBJECT: Docket VAR-23-0001, Sombrero Ranch HOA, 6298 Reserve Drive

Staff has reviewed the submitted materials, and has mixed opinions about the proposal. Sheet A0.11 shows that an "existing 4' chainlink fence [is] to remain." However, it is staff's understanding that this fence has already been removed. A commitment of record should be that it is not replaced, if the proposal is approved.

That said, a new location of a fence would be an "improvement" since it would be closer to the developments and further from the ditch, with its riparian habitat. (The Comprehensive Plan mapping is incomplete here; there *is* riparian habitat on the parcel(s).) Staff's main concern is to maximize the amount and the "naturalness" of the riparian area. Ditches function in the county as riparian movement corridors for many species of wildlife.

That said, staff doesn't see how the variance criteria can be met. A shorter lap pool is the simplest answer.

From: Do Not Reply

Sent: Tuesday, April 18, 2023 12:44 PM

To: Tardif, Jonathan

Subject: VAR-23-0001 - Public Health Water Quality - Environmental Review

The Public Health Water Quality - Environmental Review workflow task for VAR-23-0001 has been updated to **No Comments/No Conflict** and the following comments entered: *null*

Please see the Accela record for more information.

email sent by EMSE: PLN_Referrals_Entered



Right of Way & Permits

1123 West 3rd Avenue Denver, Colorado 80223 Telephone: **303.571.3306** Facsimile: 303.571.3284 Donna.L.George@xcelenergy.com

April 21, 2023

Boulder County Community Planning and Permitting PO Box 471 Boulder, CO 80306

Attn: Jonathan Tardiff

Re: Sombrero Ranch HOA, Case # VAR-23-0001

Public Service Company of Colorado's (PSCo) Right of Way & Permits Referral Desk has reviewed the documentation for **Sombrero Ranch HOA** and has **no apparent conflict** with the variance request.

Please be aware PSCo owns and operates existing underground electric distribution facilities along Reserve Drive and within the subject property, and natural gas distribution along Reserve Drive. The property owner/developer/contractor must complete the application process for any new natural gas or electric service, or modification to existing facilities via xcelenergy.com/InstallAndConnect. It is then the responsibility of the developer to contact the Designer assigned to the project for approval of design details.

If additional easements need to be acquired by separate PSCo document, a Right-of-Way Agent will need to be contacted.

As a safety precaution, PSCo would like to remind the developer to call the Utility Notification Center by dialing 811 for utility locates prior to construction.

Donna George
Right of Way and Permits
Public Service Company of Colorado dba Xcel Energy

Office: 303-571-3306 – Email: Donna.L.George@xcelenergy.com

From: Reserve Secretary < secretaryreservehoa@gmail.com>

Sent: Monday, April 24, 2023 6:11 PM

To: LU Land Use Planner Cc: Reserve Secretary

Subject: [EXTERNAL] Support for Variance: VAR-23-0001

To: Jonathan Tardif Community Planning & Permitting Department Boulder County

Hello Jonathan,

We are residents of the Reserve HOA. (Sombrero Ranch HOA). Our home is close to the community pool renovation project - within a few hundred yards - a one minute walk from our house.

We are writing in support of the variance described in docket VAR-23-0001. The placement of the fence will align with the existing fence behind the tennis court and provide more space for the pool area. The old fence that was removed was in the location requested by the variance for the last 30+ years with no impacts to neighbors. Also, the property and the other side of the property line is owned by the HOA.

We urge you to approve this variance.

Thank you,

Rebecca and Hunter Albright 1311 Songbird Ct. Boulder, Co 80303

From: daddyhosk@comcast.net

Sent: Monday, April 24, 2023 5:55 PM

To: LU Land Use Planner

Cc: 'amy hoskins'

Subject: [EXTERNAL] Docket # VAR-23-0001

Attention: Mr. Jonathan Tardif

Boulder County Community Planning and Permitting Department

We have lived at 6320 Reserve Drive in Boulder for over 20 years. We are members of the Reserve Homeowners and Recreational Association (the "RHRA"). And our home is directly across the street from the RHRA's recreation facilities where a location variance has been requested (VAR-23-0001) associated with a project to renovate those recreation facilities. The variance is important for our neighborhood's recreational facilities, and it will have no impact on neighbors. We therefore support the variance request. Please approve it.

Sincerely

Dan and Amy Hoskins m 303-807-2865

From: Elena Kurbatova <lena.kurbatova@gmail.com>

Sent: Monday, April 24, 2023 10:10 PM

To: LU Land Use Planner

Subject: [EXTERNAL] Support for Variance: VAR-23-0001

Hello Jonathan,

I am a resident of the Reserve HOA. (Sombrero Ranch HOA). My home is adjacent to the community pool renovation project. I am writing in support of the variance described in docket VAR-23-0001. The placement of the fence will align with the existing fence behind the tennis court and provide more space for the pool area. The old fence that was removed, was in the location requested by the variance for the last 30+ years with no impacts to neighbors. Also, the property and the other side of the property line is also owned by the HOA.

I urge you to approve this variance,

Thanks, Elena Kurbatova and Stanislav Kurbatov 6301 Swallow In, Boulder, CO

From: Bethann Myers <bethann_myers@yahoo.com>

Sent: Monday, April 24, 2023 5:06 PM

To: LU Land Use Planner

Subject: [EXTERNAL] Docket #VAR-23-0001

I am a homeowner and resident at 6238 Songbird Circle which is located directly behind our neighborhood recreation site. I am writing in support of docket #VAR-23-0001 requesting a variance for the location of the new fence on the west side of our neighborhood recreation site.

Sincerely, Bethann Clow Myers

From: Chuck Roberts <charles.j.roberts@gmail.com>

Sent: Monday, April 24, 2023 6:34 PM

To: LU Land Use Planner

Subject: [EXTERNAL] Support for Variance: VAR-23-0001

To:

Jonathan Tardif Community planning & permitting department Boulder County

Hello Jonathan, I am a resident of the Reserve HOA. (Sombrero Ranch HOA).

My home is close to the community pool renovation project. I am writing in support of the variance described in docket VAR-23-0001. The placement of the new fence will align with the existing fence behind the tennis court providing continuity of the existing fence line. The old fence, that was removed, was actually further west than what is being requested with the variance. It had been in place for the last 30+ years with no impacts to neighbors. Also, the property on both sides of the property line is owned by the HOA.

I urge you to approve this variance,

Thank you, Charles and Leann Roberts 6326 Swallow Lane, Boulder CO 80303

--

Chuck Roberts

Cell Phone: 303-579-9456

From: Leigh Sneddon <leigh_sneddon@yahoo.com>

Sent: Monday, April 24, 2023 6:30 PM

To: LU Land Use Planner

Subject: [EXTERNAL] To: Johnathan Tardiff. Re Sombrero Ranch, VAR-23-0001

Jonathan Tardif Community planning & permitting department Boulder County

Hello Jonathan, I am a resident of the Reserve HOA. (Sombrero Ranch HOA). My home is adjacent to the community pool renovation project. I am writing in support of the variance described in docket VAR-23-0001. The placement of the new fence will align with the existing fence behind the tennis court and provide more space for the pool area. The location of the new fence with the variance approved will not change how the pool impacts my property.

I urge you to approve this variance,

Thank you,

Leigh Sneddon

From: Cindy Young <cindypyoung@yahoo.com>

Sent: Monday, April 24, 2023 7:49 PM

To: LU Land Use Planner

Subject: [EXTERNAL] Support for Variance: VAR-23-0001

Jonathan Tardif Community planning & permitting department Boulder County

Hello Jonathan, I am a resident of the Reserve HOA. (Sombrero Ranch HOA). My home is close to the community pool renovation project. I am writing in support of the variance described in docket VAR-23-0001. The placement of the fence will align with the existing fence behind the tennis court and provide more space for the pool area. The old fence that was removed, was in the location requested by the variance for the last 30+ years with no impacts to neighbors. Also, the property and the other side of the property line is also owned by the HOA.

I urge you to approve this variance,

Thank you, Cindy & Steve Young 1180 Pintail Circle 303-817-9613

Sent from my ipad