

Board of Adjustment Hearing Application - Entry #311

Property Address

2044 kingspointe dr
Chesterfield , MO
63005
US

Property Owner Name

Yasser Makhluf

Property Owner Phone

+13148036633

Property Owner Email

makjay1025@yahoo.com

Applicant Name (if other than property owner)

Jesse Romero

Applicant Phone

+16365150787

Applicant Email

eliteconcrete23@yahoo.com

REQUESTED APPEAL

Area variance (deviation from area requirements such as yard, setback, building, sign etc.)

Type of Project

New Construction
Addition

Type of structure, please describe:

We are wanting to install a fiberglass pool and a retaining wall.

Pursuant to the provisions of Chapter 405.160 of the Municipal Code of the City of Clarkson Valley, application is hereby made for a hearing before the Board of Adjustment of the City of Clarkson Valley, Missouri, for the following purpose(s):

The pool and retaining wall are passing over the set back line

Has the project previously been submitted to the Board of Adjustment?

No

A transcript of the proceeding is available at your request. The cost is determined by the length of the proceeding. Order transcript?

No

File Upload



[2044-Kingspointe-Dr_sealed-260630.pdf](#)

[City of Clarkson Valley](#)

Re: Building Permit Application - 2044 Kingspointe Dr.

From Paul Mercurio <buildingcommissioner@clarksonvalley.org>

Date Wed 7/1/2026 5:24 PM

To jesus romero <eliteconcrete23@yahoo.com>; jay makhluf <makjay1025@yahoo.com>

Cc Megan Eldridge <cityhall@clarksonvalley.org>; Kelsey Moser <assist@clarksonvalley.org>; info@ace-inc.us <info@ace-inc.us>

Mr. Romero & Mr. Makhluf,

I have reviewed the information submitted for the proposed pool and retaining wall project. Based on that review, the project does not meet Clarkson Valley zoning requirements for the rear 50-foot and 25-foot side (East) building line setbacks. Therefore, I cannot continue my review and must formally deny the application unless and until a variance is granted by the Clarkson Valley Board of Adjustment (CVBOA). The documents you submitted appear to include the details needed for a CVBOA hearing if you choose to proceed. Please contact City staff for information about the CVBOA application process; they have been copied on this email.

On a separate note, regarding your application for permit for the pool, fence/pool barrier and retaining wall, I need additional information to complete a review.

Requirements for a pool permit include but are not only limited to:

1. Long and Transverse cross-sections through the pool. In the sections, show and note the slope of sidewalls and floor, and note the water depth(s) throughout.
2. Assembly/construction section and plan details and pool structural supports and structural reinforcing and location of; pool drains; skimmers or gutters; pool filters; underwater luminaires in pool/spa structure; entry/exit ladders; entry/exit stairs/steps; features including underwater benches, seats, swimouts; diving boards.
3. Water supply system diagram(s); water circulation/filtration system diagram(s); drainage and water disposal system diagram(s).
4. Grades and slopes around pool.

If you have additional questions or comments, please feel free to reply.

***Thank you,
Paul Mercurio
Clarkson Valley Building Commissioner***

From: Kelsey Moser <assist@clarksonvalley.org>

Sent: Tuesday, June 30, 2026 11:52 AM

To: Paul Mercurio <buildingcommissioner@clarksonvalley.org>

Cc: Megan Eldridge <cityhall@clarksonvalley.org>

Subject: Building Permit Application - 2044 Kingspointe Dr.

ArcGIS Web Map



7/29/2026, 1:59:45 PM

1:4,514

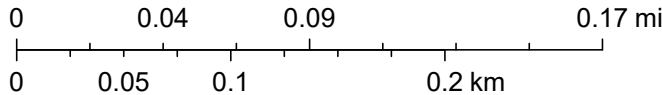
 Parcels
  Hydrography
 Streets 2.4K
  Parcel Data
 Private
 Parcel Address
 Secondary
  Municipal Boundary Outline

Aerials2024Cache

 Red: Band_1

 Green: Band_2

 Blue: Band_3



St. Louis County GIS Service Center, County of St. Louis, Missouri Dept. of Conservation, MSDIS, Esri, HERE, Garmin, INCREMENT P, USGS, EPA, USDA

SITE PLAN
PROPOSED RETAINING WALLS AND SWIMMING POOL
2044 KINGSPONTE DR, CHESTERFIELD, MO 63005

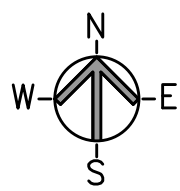
DRAWING LIST			
SHEET NO	SHEET NAME	PROJECT ISSUE DATE	CURRENT REVISION DATE
C1.0	SITE PLAN		
C2.0	RETAINING WALL DETAILS		
G1.0	SWIMMING POOL SPECS AND FEATURES		



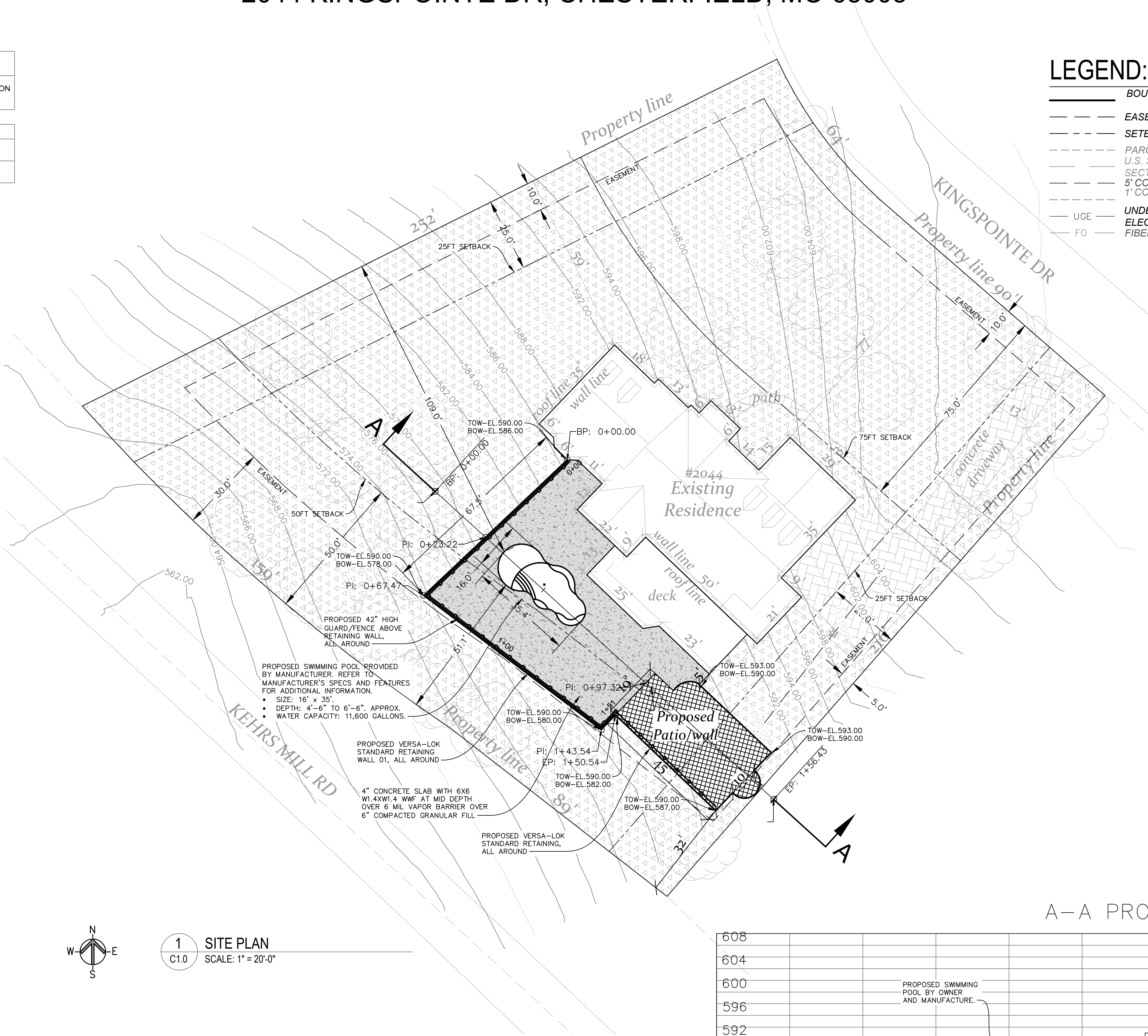
LOCATION MAP

GRADING NOTES:

- THE CONTRACTOR SHALL RESTORE OFFSITE CONSTRUCTION AREAS TO AN EQUAL OR BETTER CONDITION THAN EXISTING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL GRADES SHALL BE WITHIN 0.1 FEET MORE OR LESS OF THOSE SHOWN ON THE GRADING PLAN.
- NO SLOPE SHALL BE GREATER THAN 3:1 AND SHALL BE EITHER SODDED OR SEEDED AND MULCHED UNLESS OTHERWISE NOTED OR DETAILED.
- THE CONTRACTOR SHALL FIELD INVESTIGATE THE ENTIRE SITE PRIOR TO HIS/HER BID SUBMITTAL NOTING THE EXISTING VEGETATION AND TREES AND INCLUDING THE REMOVAL AND DISPOSAL OF SAME IN HIS/HER BID.
- NO AREA SHALL BE CLEARED WITHOUT PERMISSION OF THE OWNER.
- SILTATION CONTROL WILL BE PROVIDED AS REQUIRED TO PREVENT RUN-OFF. SEE SILTATION CONTROL PLAN AND DETAILS.
- ALL TRASH, DEBRIS, ORGANIC MATERIAL, REFUSE, FROZEN EARTH, ETC., SHALL BE REMOVED FROM FILL AREAS PRIOR TO THE PLACEMENT OF CONTROLLED FILL. ALL FILLS AND BACKFILLS SHALL BE MADE OF SELECTED EARTH MATERIALS. FREE FROM BROKEN MASONRY, ROCK, FROZEN EARTH, RUBBISH, ORGANIC MATERIAL AND DEBRIS.
- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL PER THE EROSION AND SEDIMENT CONTROL PLAN AND MAY BE REQUIRED TO PROVIDE ADDITIONAL MEASURES AS REQUESTED BY ST. LOUIS COUNTY. SHOULD EROSION CONTROL PLAN PROVE TO BE INSUFFICIENT.
- CARE SHALL BE EXERCISED IN COMPACTION OF BACKFILL MATERIALS OVER THE TOP OF STRUCTURES OF PIPES IN ORDER TO PREVENT DAMAGE TO THE WATERPROOFING MEMBRANES, JOINTS, SEALS AND/OR THE PIPES AND STRUCTURES THEMSELVES. COMPACTION AND PLACING OF BACKFILL AND FILL MATERIALS SHALL BE PERFORMED UNDER THE CONTINUOUS SUPERVISION OF AND APPROVED TESTING LABORATORY. FILL SHALL NOT BE PLACED ON FROZEN GROUND, NOR SHALL FILLING OPERATIONS CONTINUE WHEN THE TEMPERATURES IS SUCH AS TO PERMIT THE LAYER UNDER PLACEMENT TO FREEZE.
- ALL CITY, COUNTY AND STATE ROADS SHALL BE KEPT FREE OF DIRT DAILY.
- FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
- PROPOSED CONTOURS SHOWN ARE FINISHED ELEVATIONS ON PAVED AREAS.
- THE DEVELOPER IS REQUIRED TO PROVIDE ADEQUATE STORM WATER SYSTEMS IN ACCORDANCE WITH ST. LOUIS COUNTY AND MSD STANDARDS AND SPECIFICATIONS.
- ALL GRADING AND DRAINAGE TO BE IN CONFORMANCE WITH ST. LOUIS COUNTY AND MSD STANDARDS AND SPECIFICATIONS.
- INTERIM STORM WATER DRAINAGE CONTROL IN THE FORM OF SILTATION CONTROL MEASURES ARE REQUIRED.
- ADEQUATE TEMPORARY OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES SHALL BE PROVIDED. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEES VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONSTRUCTION.
- ANY DISTURBED SIDEWALK AREAS SHALL BE REPLACED WITH FULL SLABS.

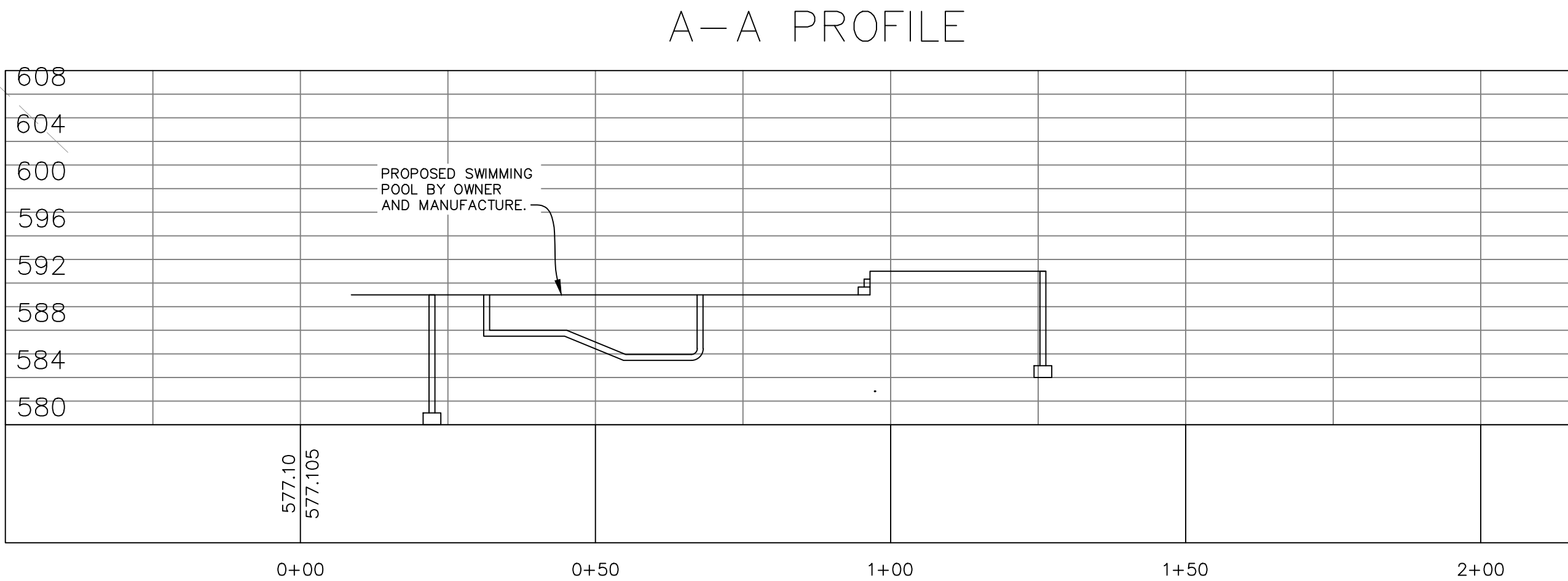


1 SITE PLAN
C1.0 SCALE: 1" = 20'-0"



LEGEND:

BOUNDARY LINE	CHAIN FENCE
EASEMENT LINE	WOOD/VINYL/
SETBACK LINE	METAL FENCE
PARCEL LINE	WIRE FENCE
U.S. SURVEY/	BUILDING
SECTION LINE	FOOTPRINT
5' CONTOUR LINE	CENTERLINE
1' CONTOUR LINE	
UNDERGROUND	GAS
ELECTRIC LINE	NATURAL GAS LINE
FIBER OPTIC LINE	WATER LINE
	CABLE
	TELEVISION LINE
	SANITARY SEWER
ASPHALT	CONCRETE



AMERICAN
Consulting Engineers

8615 Gravois Rd, St Louis, MO 63123
Website: www.ace-inc.us
Email: info@ace-inc.us
Phone: (314) 899 0599

Engineer of Record



DONG P. HUYNH, PE
MO License # : 2019017835

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Drawings and Specifications as instruments of service are and shall remain the property of the Engineer. They are not to be used on other projects or extensions to this project except by agreement in writing with appropriate compensation to the Engineer.
Contractor is responsible for construction means, methods, techniques, sequences, procedures, safety and programs in connection with the project.

PROPOSED RETAINING WALLS
AND SWIMMING POOL

2044 KINGSPONTE DR, CHESTERFIELD, MO 63005

Issued on 05/15/26

No.	Description	Date

Project #: 052661511

Drawings are for building permit applications only. Not for construction until a permit issued

SITE PLAN

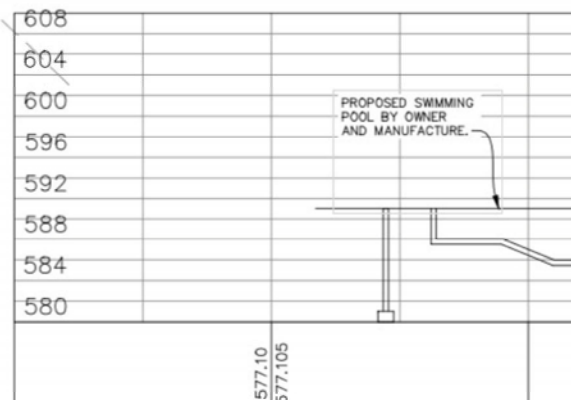
SHEET NUMBER:

C1.0



-E

1 SITE PLAN
 C1.0 SCALE: 1" = 20'-0"



604										604
600										600
596										596
592										592
588										588
584										584
580										580
576										576
572										572
570										570

The diagram shows a cross-section profile with the following features:

- PROPOSED GRADE TOP OF RETAINING WALL:** Indicated by a solid line at elevation 590.00.
- STA: 0+67.44 ELEV: 590.00:** A specific point on the proposed grade top.
- STA: 1+52.65 ELEV: 590.00:** Another specific point on the proposed grade top.
- EXISTING GRADE:** Represented by a dashed line sloping downwards from left to right.
- PROPOSED BOTTOM OF RETAINING WALL:** Represented by a stepped dashed line below the existing grade.

1. THESE DRAWINGS ARE PREPARED BY A BUILDING PERMIT OWNER. CONTRACTOR/OWNER MUST REVIEW TO VERIFY ALL EXISTING/NEW CONDITIONS, DIMENSIONS, SITE PLAN, CONSTRUCTION METHODS, TECHNIQUES, PROCEDURES, SAFETY, AND PROGRAMS IN CONNECTION WITH THE PROJECT.
2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING SIZE, METHOD OF ANCHORAGE, WEIGHT, OPENINGS, AND LOCATIONS OF EQUIPMENT NOT INDICATE ON THE STRUCTURAL DRAWINGS PRIOR TO ORDERING FOR REVIEW BY STRUCTURAL ENGINEER TO DETERMINE ADEQUACY OF THE STRUCTURE.
3. ALL CONTRACTORS SHALL OBSERVE ALL REGULATIONS IMPOSED BY THE APPROPRIATE GOVERNING BODIES, AND ALL WORK SHALL COMPLY WITH THE CITY OF BIRMINGHAM CODES, ORDINANCES, AND STANDARDS, AND TO FIRE PREVENTION REGULATIONS. ALL MATERIALS, EQUIPMENT, WORKMANSHIP, WORKING CONDITIONS, AND CONSTRUCTION METHODS SHALL COMPLY WITH THE LATEST APPLICABLE SECTIONS OF LOCAL, MUNICIPAL, CITY, STATE & FEDERAL CODES, ORDINANCES, & STANDARDS.
4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS & CONDITIONS PRIOR TO STARTING ANY CONSTRUCTION AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES AT THE BUILDING SITE.
5. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS SHOWN ON THE DRAWINGS & CONSTRUCT ALL NEW WORK IN A NEAT & APPROVED MANNER.
6. THE CONTRACTOR SHALL ESTABLISH AND VERIFY ALL OPENINGS & INSERTS FOR MECHANICAL AND ELECTRICAL WORK AS REQUIRED FOR THEIR INSTALLATION AND PER DRAWINGS (IF APPLICABLE).
7. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY BRACING, SHORING, GUYING, OR OTHER MEANS TO AVOID EXCESSIVE STRESSES AND DEFLECTIONS OF THE STRUCTURE.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND SECURITY IN & AROUND THE JOB SITE DURING CONSTRUCTION.
9. THE DIMENSIONS ON THESE DRAWINGS IN ALL CASES SUPERSEDE SCALE. CONTRACTOR IS NOT TO SCALE DRAWINGS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO OWNER'S OR OTHER'S PROPERTY DUE TO HIM/HER OR INDIVIDUALS IN THE CONSTRUCTION OF THE PROJECT.
11. THE CONTRACTOR SHALL LOCATE THE BUILDING SITE, ESTABLISH BUILDING LINES, BENCH MARKS, FINISH FLOOR ELEVATIONS, LAYOUT FOR PARTITIONS & OPENINGS.
12. THE CONTRACTOR SHALL VERIFY THE LOCATION OF UTILITIES BEFORE CONSTRUCTION BEGINS.
13. IF THE CONTRACTOR DOES NOT CLEARLY UNDERSTAND THE PLANS, HE/SHE SHOULD NOTIFY THE ARCHITECT/ENGINEER'S WRITTEN EXPLANATION PRIOR TO BIDDING. THE CONTRACTOR WILL BE HELD RIGIDLY TO INTERPRETATIONS OF THE ARCHITECT/ENGINEER.
14. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING AND REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED IN THE CONTRACT DOCUMENTS, AS WELL AS ANY OTHER WORK REQUIRED TO COMPLETE THE WORK AS DESIGNED.
15. ALL MECHANICAL, ELECTRICAL AND PLUMBING WORK SHALL BE DONE BY THE GENERAL CONTRACTOR. G.C. IS TO CONFER WITH OWNER ON DESIGN OF ALL OF THESE SYSTEMS BEFORE PRESENTING CONSTRUCTION BID TO OWNER.
16. ALL FINISH INFORMATION SHALL BE PROVIDED BY OWNER.
17. ALL HARDWARE SELECTIONS SHALL BE APPROVED BY OWNER.
18. ALL PRODUCTS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS, RECOMMENDATIONS, & LOAD CRITERIA.
19. THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INCLUDE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO: PROTECTING EXISTING UTILITIES, PROVIDING TEMPORARY PROTECTION, TEMPORARY STRUCTURE, AND PARTIALLY COMPLETED WORK. OBSERVATION VISITS TO THE SITE BY STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
20. THE ENGINEER/ARCHITECT SHALL NOT HAVE CONTROL OVER, OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONSTRUCTION METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, OR FOR FAILURE OF OR PRECIPITATION OF PROGRAMS IN CONNECTION WITH ANY CONSTRUCTION ACTIVITIES. THESE ARE THE SOLE CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT.
21. THE ENGINEER/ARCHITECT SHALL NOT BE RESPONSIBLE FOR CONTRACTOR'S SCHEDULE OR FAILURES TO CARRY OUT ANY CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE ENGINEER/ARCHITECT SHALL NOT HAVE CONTROL OVER OR CHARGE OF ACTIONS OF CONTRACTOR, SUBCONTRACTOR, OR ANY OF THEIR AGENTS, OR EMPLOYEES, OR ANY OTHER PERSONS PERFORMING PORTIONS OF ANY CONSTRUCTION ACTIVITIES.
22. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY SUPPORTS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED AND PROVIDED BY CONTRACTOR.
23. THE EXISTING UTILITIES AND CONDITIONS OF EXISTING STRUCTURES WERE PROVIDED BY CONTRACTOR/OWNER. THE ENGINEER/ARCHITECT IS NOT RESPONSIBLE FOR ANY SITE PLANS, THE EXISTING CONDITIONS.
24. ALL OMISSIONS AND CONFLICTS WITHIN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT & ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
25. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION METHODS AND TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE PROJECT.

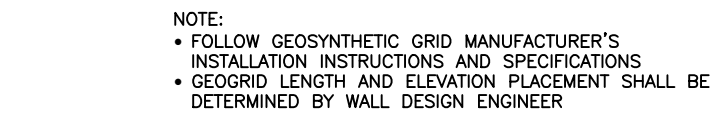
RETAINING WALL UNITS SHALL BE VERSA-LOK SQUARE FOOT BLOCK UNITS AS MANUFACTURED BY KIRCHNER BLOCK AND BRICK. THE UNITS ARE 8" TALL X 16" WIDE X 12" DEEP. CONCRETE WALL UNITS SHALL MEET THE REQUIREMENTS OF ASTM C1372-01 WITH THE MAXIMUM WATER ABSORPTION AT A MAXIMUM OF 90 PERCENT. THE CONCRETE SHALL HAVE ADEQUATE FREEZE THAW RESISTANCE IN ACCORDANCE WITH ASTM C666-01. REINFORCED WALL BACKFILL MATERIAL SHALL BE COMPACTED SLOPE COVER OVER THE TOP SURFACE OF EACH COURSE OF CLIMBING GEOTEXTILE LARGER THAN 4". AND FREE OF ORGANIC MATERIALS. DO NOT USE HIGH PLASTIC SOLIDS THAT HAVE A PL20 OR LL40. GEOTEXTILES SHALL BE MIRAFIX 2XT, OR 3XT AS MANUFACTURED BY TEN CATE MIRAFIX OR STRATIGRAPH SO150 OR SG200 AS MANUFACTURED BY STRATA SYSTEMS. THESE GEOTEXTILE DESIGNATIONS MEET THE STRENGTH REQUIREMENTS OF THE DESIGN CALCULATIONS. THE GEOTEXTILE FILTER FABRIC SHALL BE A NONWOVEN FABRIC WITH AN OPENING LIMITED TO .075 MILLIMETER. THE PAD SHALL BE CRUSHED CRUSTED OR WELL GRADED SANDSTONE TO 1" MAXIMUM SIZE. THE DRAINAGE ROCK SHALL BE PAD DRAINING ROCK SUCH AS 3/4" CLEAN CRUSHED LIMESTONE. THE PEROFORATED PIPE SHALL BE HOPE COIL PIPE.

FOUNDATION SOIL SHALL BE EXCAVATED AS REQUIRED FOR THE LEVELING PAD AND THE REINFORCED FILL ZONE TO THE DEPTHS AND LOCATIONS SHOWN ON THE ATTACHED DRAWINGS. THE EXCAVATION SHALL BE TO THE DEPTHS AND LOCATIONS SHOWN ON THE ATTACHED DRAWINGS. THE FOUNDATION IS SUITABLE FOR A NET DESIGN BEARING PRESSURE OF 2000 KSI AND THAT THE BASE OF THE EXCAVATION IS FREE OF LOOSE SOIL, UNCOMPACTED FILL, WATER, OR FROZEN MATERIAL UNDER ANY UNSUITABLE SOIL UNDERCUT AREAS SHALL BE FILLED WITH CRUSHED LIMESTONE AND COMPACTED TO AT LEAST 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY. CONSTRUCT THE CRUSHED ROCK LEVELING PAD TO THE DEPTHS AND LOCATIONS SHOWN ON THE ATTACHED DRAWINGS. THE CRUSHED ROCK SHALL BE PLACED IN 6" LAYERS. THE PLANS, THE 6" OF DRAINAGE ROCK SHALL BE SEPARATED FROM THE ROCK WITH A FILTER FABRIC, PLACE THE PERFORATED PIPE BEHIND THE BASE UNIT AND IN THE DRAINAGE LAYER. SLOPE THE PIPE TO THE LOW POINT IN THE WALL AND DAYLIGHT THE PIPE THROUGH THE WALL FACE.

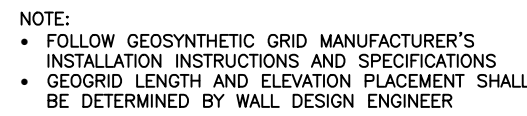
INSTALL THE FIRST COURSE OF UNIT ON THE LEVELING PAD. INSTALL THE NEXT COURSE IN A RUNNING BOND STACK. PULL UNIT FORWARD. UNITS MAY NEED TO BE CUT TO MAINTAIN THE RUNNING BOND AROUND CURVED SECTIONS. A MINIMUM OF 4" OF THE UNIT SHALL OVERLAP THE UNIT BELOW IT. BACKFILL UNITS AND CONTINUE CONSTRUCTION. CAP UNITS SHALL BE GLUED IN PLACE AT THE TOP OF THE WALL.

THE GEORGRIDS SHALL BE CUT TO DESIGN LENGTHS AND PLACED BETWEEN THE BLOCKS AT THE ELEVATIONS SHOWN ON THE PLANS. THE GEORGRID'S PRIMARY STRENGTH DIRECTION WILL BE DIRECTED PERPENDICULAR TO THE WALL FACE (INTO THE FILL.) THE GEORGRIDS PLACED OUTSIDE A PLUS OR MINUS 4" ZONE OF THE GEORGRID DESIGN ELEVATION WILL NOT BE ACCEPTED. THE GEORGRID SHALL BE PLACED HORIZONTALLY AND LAY FLAT ON THE REINFORCED FILL SOIL. THE GEORGRID SHALL BE PLACED SO THAT A MINIMUM OF 8" OF GRID IS BETWEEN THE BLOCK LAYERS. SLACK IN THE GEORGRID SHALL BE REMOVED PRIOR TO PLACING ADDITIONAL BACKFILL.

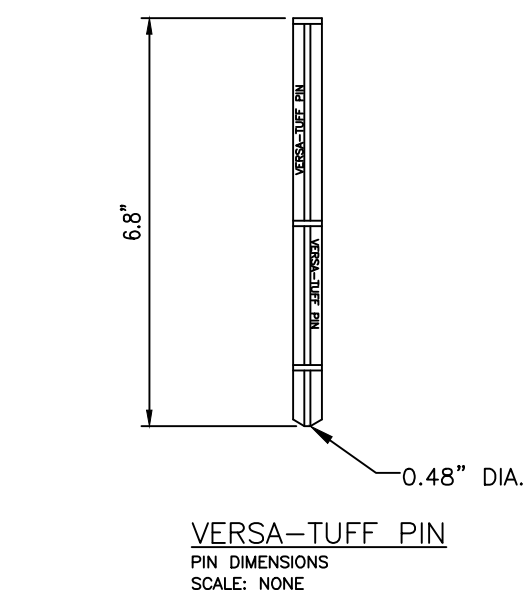
THE SURFACE OF THE WALL BACKFILL SHALL BE GRADED AT THE BASE OF EACH DAY OF WORK TO PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM THE WALL. GRADING SHALL BE PROGRESSIVE, CONTINUING TO ROLL IN PLACED MATERIAL TO PREVENT THE FLOW OF SURFACE WATER INTO THE REINFORCED EARTH DESIGN. THE TOP OF THE EXPOSED BACKFILL LOADS IMMEDIATELY BEHIND THE WALL TO COMPLY WITH THE PROJECT, PRIOR TO PROJECT COMPLETION, THE WALL IS VULNERABLE TO DAMAGES CAUSED BY CONSTRUCTION ACTIVITY ADJACENT TO THE WALL. PARTICULAR CONCERN IS THE OF GRADING AND PAVEMENT CONSTRUCTION EQUIPMENT ON THE RETAINED BACKFILL AT THE TOP OF THE WALL. ONLY EQUIPMENT WITH A WEIGHT NOT EXCEEDING ONE TON CAN BE USED IN THE 3 FOOT ZONE DIRECTLY BEHIND THE BACK OF THE WALL FACE. THE SOIL IN FRONT OF THE WALLS SHALL BE PROTECTED FROM FUTURE EROSION.



SCALE: NONE



SCALE: NONE



ET POSITION OF
VE IMMEDIATELY
HIND TOP MOST
ERSA-LOK UNIT

FENCE POST
OR HANDRAIL POST

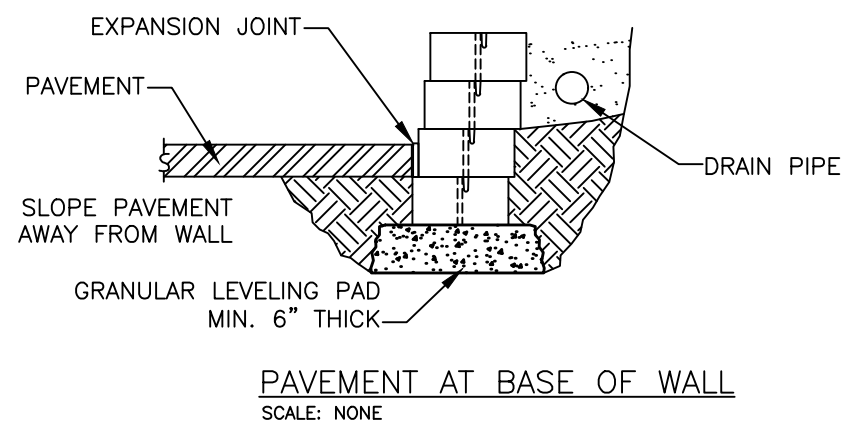
SLEEVE-IT(TM) 1224R
12" DIA. X 24" DEEP

FILL SLEEVE WITH
CONCRETE, SET
FENCE POST

CUT GEOGRID AROUND
THE SLEEVE-IT(TM) SYSTEM
AS NECESSARY

REINFORCED BACKFILL
COMPACTED 95% OF MAXIMUM
STANDARD PROCTOR DENSITY

STANDARD UNIT
SCALE: NONE



2044 KINGSPONTE DR, CHESTERFIELD, MO 63005

C2.0

A diagram of a pond with an irregular, wavy outline. Inside the pond, there is a rectangular area with horizontal hatching lines. The text "16'x35'" is written inside this rectangular area.

[View All Options](#)











