

LOT SIZE = 32200 SQ FT  
 DWELLING = 5000 SQ FT - 16 PERCENT  
 EXISTING HARDSCAPE = 7000 SQ FT - 21 PERCENT  
 NEW HARDSCAPE INCL. 700 SF POOL = 9100 SQ FT - 28 PERCENT

THERE ARE NO EXISTING RETAINING WALL ON SITE

**SCOPE OF WORK:**  
 1. NEW POOL & SPA  
 2. BARBECUE ISLAND  
 3. 36" HIGH STANDARD RETAINING WALL

**SWIMMING POOL STAGE III DROUGHT RESTRICTIONS** (City of Burbank Sustainable Water Use Ordinance, Burbank Municipal Code Title 8, Chapter 2, Article 3):  
 All swimming pools, wading pools and spas must be covered with acceptable protection to decrease water evaporation per the Stage III Drought Restrictions. For additional information visit the Burbank Water and Power web site at <https://www.burbankwaterandpower.com/water/water-drought/>.

CITY OF BURBANK | COMMUNITY DEVELOPMENT | PLANNING DIVISION

# APPROVED

*Joseph Pangilinan*

by: Joseph Pangilinan, Planning Technician

Project No. 21-0001666 Date: April 13, 2022

**SETBACK CERTIFICATION REQUIRED** - A California licensed surveyor is required to certify the location and setbacks of the new swimming pool prior to beginning excavation. A copy of the certification shall be available to the Building Inspector prior to the first inspection.

- NEW CONSTRUCTION REQUIREMENTS. [HSC 115928]**  
 Whenever a building permit is issued for the construction of a new swimming pool or spa, the pool or spa shall meet all of the following requirements:
- The suction outlets of the pool or spa for which the permit is issued shall be equipped to provide circulation throughout the pool or spa as prescribed in paragraphs (2) and (3).
  - The swimming pool or spa shall either have at least two circulation suction outlets per pump that shall be hydraulically balanced and symmetrically plumbed through one or more "T" fittings, and that are separated by a distance of at least three feet in any dimension between the suction outlets, or be designed to use alternatives to suction outlets, including, but not limited to, skimmers or perimeter overflow systems to conduct water to the recirculation pump.
  - The circulation system shall have the capacity to provide a complete turnover of pool water, as specified in Section 3124B of Chapter 31B of the California Building Standards Code (Title 24 of the California Code of Regulations).
- b) Suction outlets shall be covered with anti-entrapment grates, as specified in the ANSI/APSP-16 performance standard or successor standard designated by the federal Consumer Product Safety Commission, that cannot be removed except with the use of tools. Slots or openings in the grates or similar protective devices shall be of a shape, area, and arrangement that would prevent physical entrapment and would not pose any suction hazard to bathers.
- c) Any backup safety system that an owner of a new swimming pool or spa may choose to install in addition to the requirements set forth in subdivisions (a) and (b) shall meet the standards as published in the document, "Guidelines for Entrapment Hazards: Making Pools and Spas Safer," Publication Number 363, March 2005, United States Consumer Product Safety Commission.

**ANTI-ENTRAPMENT COVER REQUIREMENT FOR REMODELS. [HSC 115928.5]**  
 Whenever a building permit is issued for the remodel or modification of an existing swimming pool, toddler pool, or spa, the permit shall require that the suction outlet or suction outlets of the existing swimming pool, toddler pool, or spa be upgraded so as to be equipped with anti-entrapment grates, as specified in the ANSI/APSP-16 performance standard or a successor standard designated by the federal Consumer Product Safety Commission.

- AGREEMENTS TO BUILD; NOTICE OF PROVISIONS. [HSC 115924]**
- Any person entering into an agreement to build a swimming pool or spa, or to engage in permitted work on a pool or spa covered by this article, shall give the consumer notice of the requirements of this article.
  - Pursuant to existing law, the Department of Health Services shall have available on the department's Web site, commencing January 1, 2007, approved pool safety information available for consumers to download. Pool contractors are encouraged to share this information with consumers regarding the potential dangers a pool or spa poses to toddlers. Additionally, pool contractors may provide the consumer with swimming pool safety materials produced from organizations such as the United States Consumer Product Safety Commission, Drowning Prevention Foundation, California Coalition for Children's Safety & Health, Safe Kids Worldwide, Association of Pool and Spa Professionals, or the American Academy of Pediatrics.

**FINAL INSPECTION**  
 Prior to the issuance of any final approval for the completion of permitted construction or remodeling work, the Building Division shall inspect the drowning safety prevention devices required by this act, and if no violations are found, shall give final approval. The contractor and/or the owner shall submit the signed Certificate of Compliance to the Building Inspector prior to final inspection.

NOTES

No.	Date	Description

POOL PLAN

BRETT HOWARD  
 3341 WEDGEWOOD LANE  
 BURBANK, CA 91504

SCALE 1/8" = 1' - 0"	PROJECT NO.
DRAWN BY	SHEET NO.
CHECKED BY	
DATE	
DATE OF PRINT	

**GENERAL NOTES**

- ALL NEW CONSTRUCTION SHALL COMPLY WITH THE CONTRACT DOCUMENTS AND LATEST EDITIONS OF THE CALIFORNIA BUILDING CODE, "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", AND CITY OF LOS ANGELES LOCAL ORDINANCES AS APPLICABLE.
- ALL GRADING WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS CONTAINED IN THESE PLANS.
- EXISTING TOPOGRAPHY SHOWN HEREON WAS TAKEN FROM A SURVEY DATED 05/08/2020 BY AZTEC LAND SURVEYERS, INC.
- THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS.
- PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL CONDITIONS FOR GRADING, DRAINAGE AND UNDERGROUND FACILITIES INCLUDING LOCATION AND ELEVATION OF EXISTING UNDERGROUND FACILITIES AT CROSSINGS WITH PROPOSED UNDERGROUND FACILITIES. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OF COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINE SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- IF AT ANY TIME DURING GRADING OPERATIONS, ANY UNFAVORABLE GEOLOGICAL CONDITIONS ARE ENCOUNTERED, GRADING IN THAT AREA WILL STOP UNTIL APPROVED CORRECTIVE MEASURES ARE OBTAINED.
- THE PROPOSED GRADE IS THE FINAL GRADE AND NOT THE ROUGH GRADE. THE CONTRACTOR SHALL SUBTRACT THE THICKNESS OF THE PAVED SECTION AND/OR LANDSCAPE TOPSOIL SECTION TO ARRIVE AT THE ROUGH GRADE ELEVATION.
- STRAIGHT GRADE SHALL BE MAINTAINED BETWEEN CONTOUR LINES AND SPOT ELEVATIONS UNLESS OTHERWISE SHOWN ON THE PLANS.
- ALL DEBRIS AND FOREIGN MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT APPROVED DISPOSAL SITES. THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FOR THE TRANSPORTATION OF MATERIAL TO AND FROM THE SITE.
- ALL FILL SOILS OR SOILS DISTURBED OR OVEREXCAVATED DURING CONSTRUCTION SHALL BE COMPACTED PER REQUIREMENTS OF THE SOILS REPORT BUT NOT LESS THAN 90% MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D-1557.
- THE CONTRACTOR SHALL OBTAIN AN O.S.H.A. PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR TRENCHES OR EXCAVATIONS WHICH ARE FIVE FEET OR DEEPER.
- DIMENSIONS TO PIPELINES ARE TO CENTERLINE UNLESS OTHERWISE NOTED.
- ALL WATER LINES SHALL BE INSTALLED WITH 36" MINIMUM COVER FROM THE TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- THRUST BLOCKS SHALL BE INSTALLED AT WATERLINE HORIZONTAL AND VERTICAL BENDS, TEES, CAPPED ENDS AND REDUCERS ACCORDING TO THE DETAILS PROVIDED ON THESE PLANS.
- CONSTRUCTION STAKING FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. CONSTRUCTION STAKING SURVEYOR SHALL BE RESPONSIBLE FOR COORDINATION OF THESE PLANS WITH SOURCE DRAWINGS PREPARED BY ARCHITECT, LANDSCAPE ARCHITECT, STRUCTURAL ENGINEER, MEP CONSULTANT AND ANY OTHER DISCIPLINES PRIOR TO START OF STAKING AND CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION CAN BE ISSUED.
- THE CONTRACTOR SHALL REPLACE ALL EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION TO MATCH EXISTING, INCLUDING PERMANENT TRENCH RESURFACING.
- CONTRACTOR TO CONTACT UNDERGROUND SERVICE ALERT (800-227-2600) PRIOR TO EXCAVATION.
- ALL DIMENSIONS ARE IN FEET OR DECIMALS THEREOF.
- ALL CURB DIMENSIONS AND RADII ARE TO PAVEMENTS FACE OF CURB.
- CONTRACTOR TO BE AWARE OF ALL OVERHEAD LINES AT ALL TIMES, SO AS NOT TO DISTURB THEM.
- WATER SHALL BE PROVIDED ONSITE AND USED TO CONTROL DUST DURING CONSTRUCTION OPERATION.
- CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS FROM THE CITY OF LOS ANGELES FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY.
- STORM DRAINAGE SYSTEMS SHOWN ON THESE PLANS HAVE BEEN DESIGNED FOR THE FINAL SITE CONDITION AT COMPLETION OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF THE SITE, DURING INTERIM CONDITIONS OF CONSTRUCTION.
- CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, INCLUDING APDES, FROM THE APPROPRIATE JURISDICTIONAL AGENCIES FOR DISCHARGE OF GROUNDWATER THAT MAY BE NECESSARY TO ACCOMPLISH EXCAVATIONS SHOWN ON THESE PLANS.

**GRADING NOTES**

- ALL GRADING SLOPES SHALL BE PLANTED AND SPRINKLERED. (7012.1)
- STANDARD 12 INCH HIGH BERM IN REQUIRED AT TOP OF ALL GRADED SLOPES. (7013.3)
- NO FILL TO BE PLACED, UNTIL THE CITY GRADING INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM EXCAVATION
- MAN-MADE FILL SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90% MAX. DRY DENSITY DEEPER WITHIN 40 FEET BELOW FINISH GRADE AND 93% OF MAX. DRY DENSITY DEEPER THAN 40 FT BELOW FINISHED GRADE. UNLESS A LOWER RELATIVE COMPACTION (NOT LESS THAN 90% OF MAX. DRY DENSITY) IS JUSTIFIED BY THE SOILS ENGINEER.
- TEMPORARY EROSION CONTROL TO BE INSTALLED BETWEEN OCTOBER 1 AND APRIL 15. OBTAIN GRADING INSPECTOR'S AND DEPARTMENT OF PUBLIC WORKS APPROVAL OF PROPOSED PROCEDURES [ $>200cy$ ] (7007.1)
- NO GRADING PERMIT CAN BE ISSUED PRIOR TO THE ISSUANCE OF ANY BUILDING PERMITS WHEN SITE IS LOCATED WITHIN AREA DESIGNATED AS GRADING ORDINANCE HILLSIDE.
- RETAINING WALLS LOCATED CLOSER TO THE PROPERTY LINE THAN THE HEIGHT OF THE WALL SHALL BE BACKFILLED NOT LATER THAN 10 DAYS AFTER CONSTRUCTION OF THE WALL AND NECESSARY STRUCTURAL SUPPORTING MEMBERS UNLESS RECOMMENDED OTHERWISE BY RESPONSIBLE ENGINEER.

**EROSION CONTROL NOTES**

- PREVENTION OF EROSION SHALL INCLUDE BEST MANAGEMENT PRACTICES SHOWN BELOW OF BASIC PRINCIPLES OF EROSION CONTROL ON CONSTRUCTION SITE. (ADAPTED FROM BRADY AND WEL, 1999):
  - DIVIDE THE PROJECT INTO SMALLER PHASES CLEARING SMALLER AREAS OF VEGETATION
  - SCHEDULE EXCAVATION DURING LOW-RAINFALL PERIODS, WHEN POSSIBLE.
  - FIT DEVELOPMENT TO THE TERRAIN.
  - EXCAVATE IMMEDIATELY BEFORE CONSTRUCTION INSTEAD OF LEAVING SOILS EXPOSED FOR MONTHS OR YEARS.
  - COVER DISTURBED SOILS AS SOON AS POSSIBLE WITH VEGETATION OR OTHER MATERIALS (MULCH) TO REDUCE EROSION POTENTIAL.
  - DIVERT WATER FROM DISTURBED AREAS.
  - CONTROL CONCENTRATED FLOW AND RUNOFF TO REDUCE THE VOLUME AND VELOCITY OF WATER FROM WORK SITES TO PREVENT FORMATION OF RILLS AND GULLIES.
  - MINIMIZE LENGTH AND STEEPNESS OF SLOPES (E.G. USE BENCH TERRACES).
  - PREVENT SEDIMENT MOVEMENT OFF-SITE.
  - INSPECT AND MAINTAIN ANY STRUCTURAL CONTROL MEASURES.
    - WHERE WIND EROSION IS A CONCERN, PLAN AND INSTALL WINDBREAKS.
    - AVOID SOIL COMPACTION BY RESTRICTING THE USE OF TRUCKS AND HEAVY EQUIPMENT TO LIMITED AREAS.
    - SOILS COMPACTED BY GRADING NEED TO BE BROKEN UP OR TILLED PRIOR TO VEGETATING OR PLACING SOD.
- IT IS INEVITABLE THAT SOIL WILL BE EXPOSED DURING CONSTRUCTION. HOWEVER, IT IS ESSENTIAL THAT THE EXPOSED LAND IS MINIMIZED, AND COVER IS ESTABLISHED AS QUICKLY AS POSSIBLE. CONSERVATION PRACTICES THAT PROVIDE IMMEDIATE PERMANENT COVER (SOD) OR PROVIDE INTERMITTENT COVER (MULCHES AND PERMANENT SEEDING) DRASTICALLY REDUCE SOIL LOSSES AND RUNOFF. OTHER SUPPORTING PRACTICES SUCH AS DIVERSIONS OR TERRACES CHANGE SLOPE LENGTHS, THUS REDUCING RUNOFF AND EROSION. THESE SUPPORTING PRACTICES PROVIDE TEMPORARY PROTECTION FOR VEGETATION OR SOD UNTIL THEY BECOME ESTABLISHED AND PROVIDE PERMANENT PROTECTION FOR THE SITE.

**COMPACTION NOTES**

**STANDARD NOTES REGARDING FILL COMPACTION AND DENSITY TESTING REQUIREMENTS.**

- ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION CRITERIA:
  - 90 PERCENT OF MAXIMUM DRY DENSITY WITHIN 40 FEET BELOW FINISH GRADE.
  - 93 PERCENT OF MAXIMUM DRY DENSITY DEEPER THAN 40 FEET BELOW FINISH GRADE, UNLESS A LOWER RELATIVE COMPACTION (NOT LESS THAN 90 PERCENT OF MAXIMUM DRY DENSITY) IS JUSTIFIED BY THE GEOTECHNICAL ENGINEER.
 THE RELATIVE COMPACTION SHALL BE DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-91 WHERE APPLICABLE; WHERE NOT APPLICABLE, A TEST ACCEPTABLE TO THE BUILDING OFFICIAL SHALL BE USED. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)
- FIELD DENSITY SHALL BE DETERMINED BY A METHOD ACCEPTABLE TO THE BUILDING OFFICIAL. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.) HOWEVER, NOT LESS THAN 10% OF THE REQUIRED DENSITY TEST, UNIFORMLY DISTRIBUTED, AND SHALL BE OBTAINED BY THE SAND CONE METHOD.
- SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FOLLOWING MINIMUM GUIDELINES:
  - ONE TEST FOR EACH TWO-FOOT VERTICAL LIFT.
  - ONE TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED.
  - ONE TEST AT THE LOCATION OF THE FINAL FILL SLOPE FOR EACH BUILDING SITE (LOT) IN EACH FOUR-FOOT VERTICAL LIFT OR PORTION THEREOF.
  - ONE TEST IN THE VICINITY OF EACH BUILDING PAD FOR EACH FOUR-FOOT VERTICAL OR PORTION THEREOF.
- SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY THAT THE SOIL PROPERTIES COMPLY WITH THE DESIGN REQUIREMENTS, AS DETERMINED BY THE SOIL ENGINEER INCLUDING SOIL TYPES, SHEAR STRENGTHS PARAMETER AND CORRESPONDING UNIT WEIGHTS IN ACCORDANCE WITH THE FOLLOWING GUIDELINE:
  - PRIOR AND SUBSEQUENT TO PLACEMENT OF THE FILL, SHEAR TESTS SHALL BE TAKEN ON EACH TYPE OF SOIL MIXTURE TO BE USED FOR ALL FILL SLOPES STEEPER THE THREE (3) HORIZONTAL TO ONE VERTICAL.
  - SHEAR TEST RESULTS FOR THE PROPOSED FILL MATERIAL MUST MEET OR EXCEED THE DESIGN VALUES USED IN THE GEOTECHNICAL REPORT TO DETERMINE SLOPE STABILITY REQUIREMENTS. OTHERWISE, THE SLOPE MUST BE REEVALUATED USING THE ACTUAL SHEAR TEST VALUE OF THE FILL MATERIAL THAT IS IN PLACE.
  - FILL SOILS SHALL BE FREE OF DELETERIOUS MATERIALS.
- FILL SHALL NOT BE PLACED UNTIL STRIPPING OF VEGETATION, REMOVAL OF UNSUITABLE SOILS, AND INSTALLATION OF SUBDRAIN (IF ANY) HAVE BEEN INSPECTED AND APPROVED BY THE SOIL ENGINEER. THE BUILDING OFFICIAL MAY REQUIRE A "STANDARD TEST METHOD FOR MOISTURE, ASH, ORGANIC MATTER, PEAT OR OTHER ORGANIC SOILS" ASTM D-2974-87 ON ANY SUSPECT MATERIAL. DETRIMENTAL AMOUNTS OF ORGANIC MATERIAL SHALL NOT BE PERMITTED IN FILLS. SOIL CONTAINING SMALL AMOUNTS OF ROOTS MAY BE ALLOWED PROVIDED THAT THE ROOTS ARE QUANTITIES AND DISTRIBUTED IN MANNER THAT WILL NOT BE DETRIMENTAL TO THE FUTURE USE OF THE SITE AND SOILS ENGINEER APPROVES THE USE OF SUCH MATERIAL.
- ROCK OR SIMILAR MATERIAL GREATER THAN 12 INCHES IN DIAMETER SHALL BE PLACED IN THE FILL UNLESS RECOMMENDATIONS FOR SUCH PLACEMENT HAVE BEEN SUBMITTED BY THE SOIL ENGINEER AND APPROVED IN ADVANCE BY THE BUILDING OFFICIAL. LOCATION, EXTENT AND ELEVATION OF ROCK DISPOSAL AREAS MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.
- CONTINUOUS INSPECTION BY THE SOIL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL FILL PLACEMENT AND COMPACTION OPERATIONS WHERE FILLS HAVE A DEPTH GREATER THAN 30 FEET OF SLOPE SURFACE STEEPER THAN 2:1. (SECTION J107.8 OF THE COUNTY OF LOS ANGELES BUILDING CODE)
- CONTINUOUS INSPECTION BY THE SOIL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING SUBDRAIN INSTALLATION. (SECTION J107.2 OF THE COUNTY OF LOS ANGELES BUILDING CODE).
- ALL SUBDRAIN OUTLETS ARE TO BE SURVEYED FOR LINE AN ELEVATION. SUBDRAIN INFORMATION MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.
- FILL SLOPES IN EXCESS OF 2:1 STEEPNESS RATIO ARE TO BE CONSTRUCTED BY THE PLACEMENT OF SOIL AT SUFFICIENT DISTANCE BEYOND THE PROPOSED FINISH SLOPE TO ALLOW COMPACTION EQUIPMENT TO BE OPERATED AT THE OUTER LIMITS OF THE FINAL SLOPE SURFACE. THE EXCESS FILL IS TO BE REMOVED PRIOR TO COMPLETION OF ROUGH GRADING. OTHER CONSTRUCTION PROCEDURES MAY BE USED WHEN IT IS DEMONSTRATED TO THE SATISFACTION OF THE BUILDING OFFICIAL THE ANGLE OF SLOPE, CONSTRUCTION METHOD AND OTHER FACTORS WILL HAVE EQUIVALENT EFFECT. (SECTION J107.5 OF THE COUNTY OF LOS ANGELES BUILDING CODE.)

**REFERENCE CODES:**

CALIFORNIA RESIDENTIAL CODE (C.R.C.)	2019
BURBANK MUNICIPAL CODE (B.M.C)	TITLE 9

REV.	DESCRIPTION	DATE	BY

ENGINEER FIRM NAME AND ADDRESS:

**AramArk**  
concepts

145 S. Glenoaks Blvd. #328  
Burbank, CA 91502  
818.621.8084

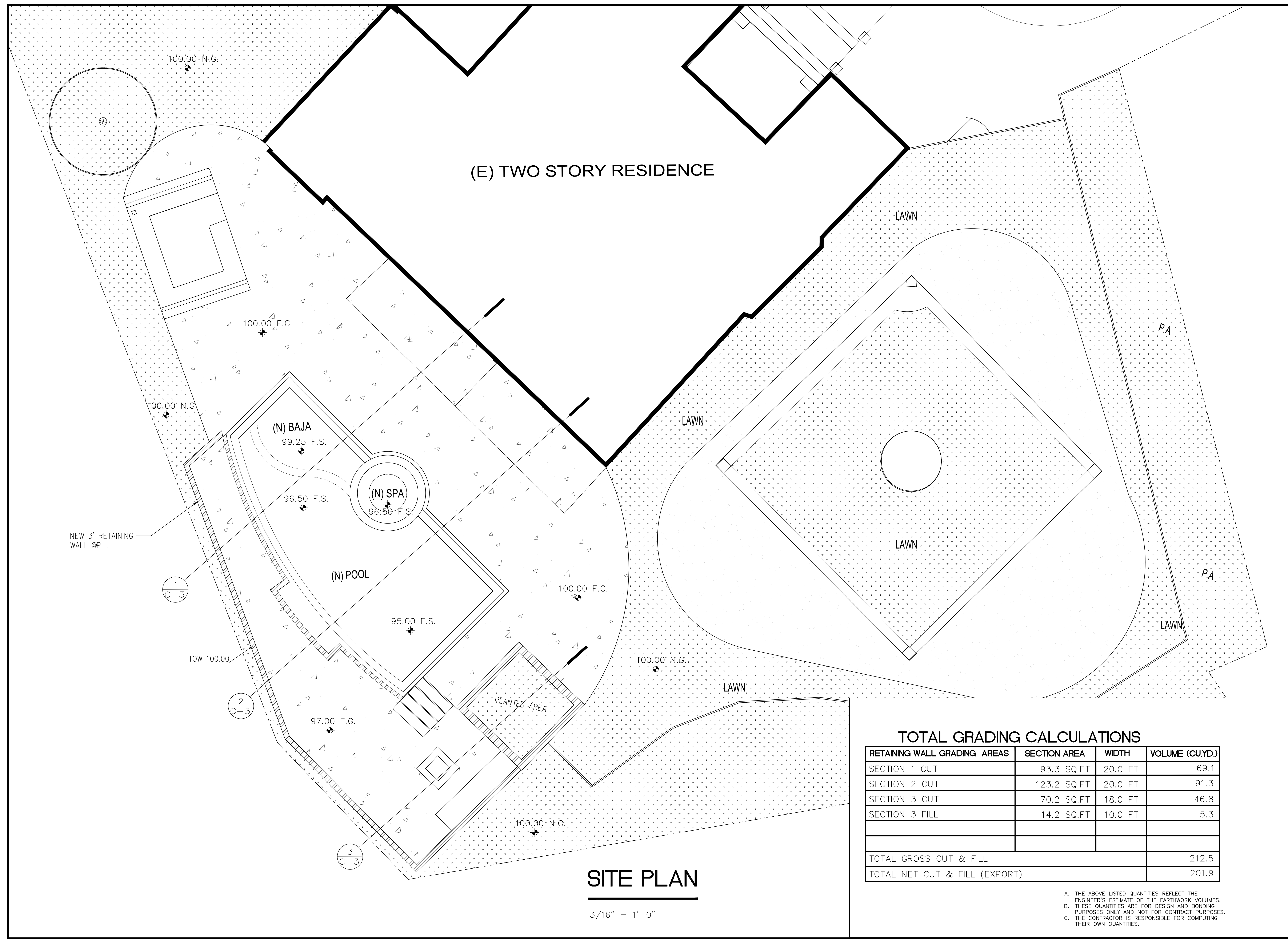
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PROJECT NAME & ADDRESS:

BRETT HOWARD  
3341 WEDGEWOOD LANE  
BURBANK, CA 91504

APPROVED BY:	A. A.
SCALE:	NONE
DATE:	01-24-2022
PAPER SIZE:	24"x36"
SHEET NO.	C-1



(E) TWO STORY RESIDENCE

**SITE PLAN**

3/16" = 1'-0"

**TOTAL GRADING CALCULATIONS**


RETAINING WALL GRADING AREAS	SECTION AREA	WIDTH	VOLUME (CU.YD.)
SECTION 1 CUT	93.3 SQ.FT	20.0 FT	69.1
SECTION 2 CUT	123.2 SQ.FT	20.0 FT	91.3
SECTION 3 CUT	70.2 SQ.FT	18.0 FT	46.8
SECTION 3 FILL	14.2 SQ.FT	10.0 FT	5.3
TOTAL GROSS CUT & FILL			212.5
TOTAL NET CUT & FILL (EXPORT)			201.9

A. THE ABOVE LISTED QUANTITIES REFLECT THE ENGINEER'S ESTIMATE OF THE EARTHWORK VOLUMES.  
 B. THESE QUANTITIES ARE FOR DESIGN AND BONDING PURPOSES ONLY AND NOT FOR CONTRACT PURPOSES.  
 C. THE CONTRACTOR IS RESPONSIBLE FOR COMPUTING THEIR OWN QUANTITIES.

REV.		DATE	
DESCRIPTION			
BY			

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APPROVED BY:	A. A.
SCALE:	1/4" = 1'-0"
DATE:	01-24-2022
PAPER SIZE:	24"x36"
SHEET NO.	C-2

