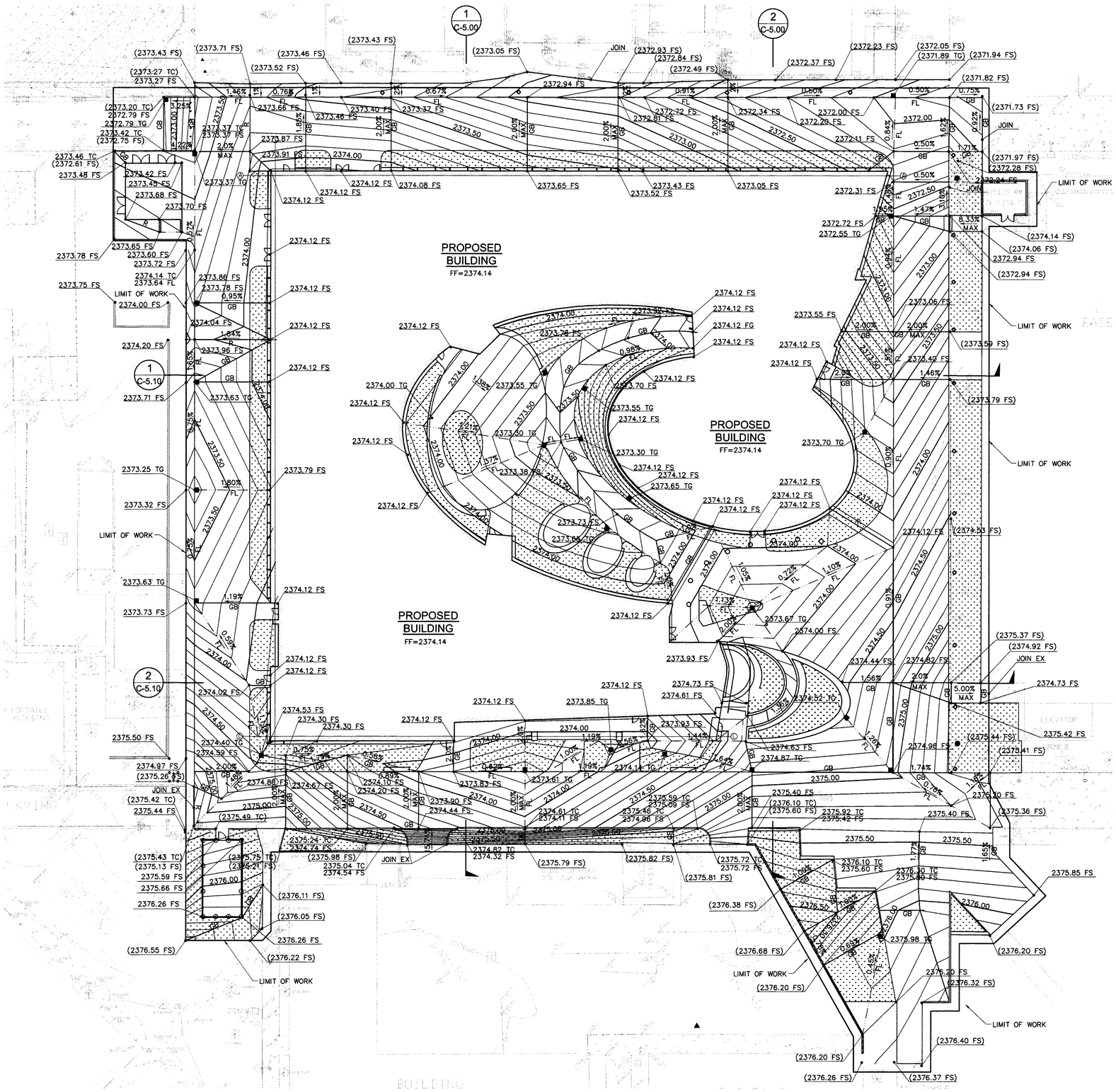

FINAL GRADING NOTES:

1. ALL GRADING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTIONAL AGENCIES AND THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT.
2. THE CONTRACTOR SHALL OBTAIN A VALID GRADING PERMIT FROM THE JURISDICTIONAL AGENCIES PRIOR TO STARTING WORK. PROVIDE A HAUL ROUTE AS REQUIRED BY THE JURISDICTIONAL AGENCIES.
3. NO GRADING WORK SHALL BE PERFORMED AT ANY TIME WITHOUT AN EROSION CONTROL SYSTEM APPROVED BY CITY ENGINEER. ANY GRADING WORK SHALL BE PERFORMED WITH AN EROSION CONTROL SYSTEM APPROVED BY THE CITY ENGINEER AND THE JURISDICTIONAL AGENCIES.
4. CONTRACTOR SHALL PROVIDE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION AND SEDIMENTATION CONTROL FOR REVIEW AND APPROVAL OF THE JURISDICTIONAL AGENCIES AND ENGINEER. USE RECOMMENDATIONS BY THE BEST MANAGEMENT PRACTICES (BMP'S) TO IMPLEMENT CONTROL. USE MINIMUM OF TWO STACKED SANDBAGS AROUND THE PERIPHERY OF THE WORK LIMITS TO AUGMENT THE SYSTEM REQUIRED BY THE AGENCIES HAVING JURISDICTION OVER THE PROJECT.
5. CONSTRUCT DESIGN GRADES SHOWN ON PLAN. CONSTRUCT STRAIGHT GRADES BETWEEN INDICATED ELEVATIONS UNLESS INTERRUPTED BY A GRADE CHANGE LINE.
6. CONTRACTOR SHALL RECOMPACT THE TOP 12" OF THE SUB GRADE TO 95% MAXIMUM RELATIVE DENSITY.
7. THE CONTRACTOR SHALL NOT BEGIN THE PAVING OPERATION UNTIL THE SUB GRADE HAS BEEN APPROVED BY THE CITY INSPECTOR AND SOIL'S ENGINEER.
8. THE CONTRACTOR IS ADVISED THAT THE APPROVAL OF THIS PLAN DOES NOT WAIVE THE REQUIREMENTS FOR EXCAVATIONS CONTAINED IN THE STATE CONSTRUCTION SAFETY ORDERS ENFORCED BY THE STATE DIVISION OF INDUSTRIAL SAFETY.
9. NO FILL TO BE PLACED, UNTIL THE GEOTECHNICAL ENGINEER OR CITY INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM OF EXCAVATION.
10. ALL FILL OR BACK FILL SHALL BE COMPACTED BY MECHANICAL MEANS TO A MINIMUM 90% RELATIVE COMPACTION AS DETERMINED BY THE ASTM D-1557. ALL FILL INSTALLATION SHALL REQUIRE CERTIFICATION BY THE JURISDICTIONAL AGENCY PRIOR TO FOUNDATION INSTALLATION.
11. ALL GRADING SLOPES SHALL BE PLANTED AND SPRINKLERED.
12. MAN-MADE FILL SHALL BE COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 90% COHESIONLESS SOILS WITH LESS THAN 15% FINER THAN .005 MM REQUIRE 95% COMPACTION.
13. ALL UTILITY COVERS, INLETS, VAULTS, CATCH BASINS, ETC. SHALL BE ADJUSTED TO THE NEW DESIGN GRADES.

ESTIMATED EARTHWORK QUANTITY

ESTIMATED CUT = 1575 CY
ESTIMATED FILL = 1525 CY

NOTES:

1. THE ESTIMATED QUANTITIES PROVIDED ABOVE ARE FOR REFERENCE ONLY TO BE USED FOR JURISDICTIONAL PLAN CHECKING AND PERMITTING PURPOSES ONLY.
2. ESTIMATED EARTHWORK ABOVE IS BASED ON DESIGN FINISH GRADES TO EXISTING GRADES IN TOPOGRAPHICAL SURVEY. THE ESTIMATED EARTHWORK DOES NOT CONSIDER THE THICKNESS OF EACH PAVEMENT MATERIAL, FOUNDATION AND SLAB ON GRADE VOLUMES, THE REMOVAL OF ANY UNSUITABLE MATERIAL, AND THE REMOVAL OF EXISTING BASEMENTS, PITS, VAULTS, TOP SOIL OR VEGETATION.
3. THE ESTIMATED EARTHWORK QUANTITIES DO NOT INCLUDE SHRINKAGE FACTORS DUE TO COMPACTION OR ANY OVER EXCAVATION QUANTITIES.
4. CONTRACTOR SHALL PERFORM DETAILED QUANTITY TAKE-OFF BASED ON THE EXISTING AND NEW ELEVATIONS PROVIDED ON THESE DOCUMENTS AND INFORMATION PROVIDED IN THE SPECIFICATIONS AND GEOTECHNICAL REPORTS NECESSARY FOR HIS BID AND WORK. VCA IS NOT RESPONSIBLE AND LIABLE FOR THE CONTRACTOR'S EARTHWORK CALCULATIONS.
5. ESTIMATED EARTHWORK QUANTITIES ABOVE ASSUME THAT ALL ON-SITE MATERIALS ARE SUITABLE FOR BACKFILLING. HOWEVER, ACTUAL EXISTING ON-SITE MATERIALS AND IMPORTED MATERIALS MUST FIRST BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION, REMOVAL, OR REPLACEMENT.

SITE GRADING PLAN

10 5 0 10 20

SCALE: 1" = 20'

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LICENSED ARCHITECT
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07/31/09
DATE
REGISTERED PROFESSIONAL ENGINEER
VIRGILIO C. CLAMAN
No. C36078
Exp. 12/30/10
CIVIL
STATE OF CALIFORNIA

consultant

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
File No. 19-C11
Appl No. 03-112291
AC VB RLS 9/2 SS SBA
DATE 10-13-09

DSA Los Angeles Basin Regional Office
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Los Angeles, California 90012
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agency

ANTELOPE VALLEY COLLEGE HEALTH & SCIENCE BUILDING

Antelope Valley Community College District
3041 West Avenue K
Lancaster, CA 93536-5426

owner

tBP project number : 20641.00
file name:
drawn by: AL checked by: VCA
date: JULY 30, 2009 - 100% CD

Rev:	date:	description:

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drawing title:
SITE GRADING PLAN

drawing no.:
C-3.00