GENERAL NOTES:

1. ALL WORK PERFORMED IN THIS CONTRACT SHALL CONFORM TO:
   - A. THE 2006 EDITION AND SUPPLEMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC) AND THE 1997 EDITION OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA).
   - B. PROJECT SPECIFICATIONS.
   - C. ALL LOCAL ORDINANCES.
   - D. 2007 CBC
2. UNLESS OTHERWISE STATED THE CONTRACTOR SHALL PERFORM ALL THE WORK SPECIFIED ON THE DRAWINGS AND WITHIN THE VARIOUS NOTES SHOWN HEREIN.
3. PROTECTION AND RESTORATION OF EXISTING IMPROVEMENTS:

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PUBLIC AND PRIVATE PROPERTY ADJACENT TO THE WORK PER SECTION 7-9 OF THE STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES IN THE AREA OF WORK WHICH ARE NOT INCLUDED IN THIS CONSTRUCTION. ANY DAMAGE RESULTING FROM THIS WORK SHALL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
5. THE EXISTENCE, LOCATION AND CHARACTERISTICS OF UNDERGROUND UTILITY INFORMATION ARE SHOWN DIAGRAMMATICALLY ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID UTILITY INFORMATION. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL MAKE REASONABLE INFERENCES AS TO EXISTING UNDERGROUND UTILITIES FROM OBSERVATION OF VISIBLE CONDITIONS AND APPURTENANCES AND TAKE APPROPRIATE MEASURES TO PROTECT UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE DISRUPTION OF OBSERVABLE CONDITIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE JOB SITE AND VERIFY THE EXACT EXISTING CONDITIONS UNLESS CONCEALED BEFORE SUBMITTING HIS BID. ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE CONSTRUCTION PROJECT MANAGER, (CPM), USING THE PROPER REQUEST FOR INFORMATION FORMS PRIOR TO SUBMITTING HIS BID FOR PROPER ACTION.
6. THE CONTRACTOR SHALL OBTAIN INFORMATION FROM CPM FOR THE EXISTING SITE UNDERGROUND UTILITY DISTRIBUTION SYSTEM. THESE EXISTING LINES AND THEIR DEPTH OF INSTALLATION MAY OR MAY NOT BE SHOWN ON THE SITE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY AT HIS/HER EXPENSE TO POTHOLE UTILITY LINES TO VERIFY THEIR LOCATION AND DEPTH.
7. THE LOCATION AND PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE PERMITTEE.
8. IF EXISTING UTILITIES ARE EXPOSED OR DETERMINED TO EXIST UNDER THE ROUGH GRADING SITE, CONTRACTOR SHALL PROVIDE A FLAGGED STAKE THAT INDICATES THEIR LOCATION, TYPE OF UTILITY, SIZE, PIPE MATERIAL AND DEPTH. STAKES SHALL BE INSTALLED NO LESS THAN 50' ON CENTER ON STRAIGHT LINES AND AT BENDS.
9. CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS BOTH IN PRIVATE PROPERTY AND IN PUBLIC RIGHT OF WAY FOR EXISTING LATERALS TO BE REMOVED OR INSTALLED.
10. ALL EXISTING STREET IMPROVEMENTS, UNLESS OTHERWISE INDICATED HEREIN TO BE REMOVED, SHALL BE PROTECTED IN PLACE. THESE ITEMS INCLUDE LIGHT POLES, POWER POLES, SIGNAL POLES AND APPURTENANCES.

REMOVALS:

11. EXISTING STRUCTURES AND SUBSTRUCTURES WHICH ARE INDICATED TO BE REMOVED IN THIS CONSTRUCTION DOCUMENTS SHALL BE TOTALLY REMOVED AND DISPOSED OF OFFSITE, UNLESS OTHERWISE INDICATED. EXISTING FACILITIES WHICH ARE DISCOVERED DURING CONSTRUCTION (INCLUDING WALLS, FOOTINGS AND FOUNDATIONS) SHALL BE REPORTED TO AND COORDINATED WITH THE CPM AS TO THEIR REMOVAL. CONTRACTOR WILL NOTIFY THE CPM IN WRITING PRIOR TO COMMENCING THE WORK.
12. VOIDS RESULTING FROM REMOVAL OF STRUCTURES SHALL BE FILLED WITH SUITABLE MATERIALS APPROVED BY THE GEOTECHNICAL ENGINEER AND COMPACTED TO 95% MAXIMUM DENSITY PER ASTM D-1557.
13. ALL FILL SOILS OR SOILS DISTURBED OR OVEREXCAVATED DURING CONSTRUCTION SHALL BE COMPACTED PER THE REQUIREMENTS OF THE SOILS REPORT BUT NOT LESS THAN 90% MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D-1557.
14. ALL SITE PREPARATION AS INDICATED SHALL BE MADE UNDER THE CONTINUOUS INSPECTION OF THE INSPECTOR OF RECORD AND/OR CONSTRUCTION PROJECT MANAGER, (CPM). SECURE THE REQUIRED PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY FOR THE CONSTRUCTION OF TRENCHES, SHORING OR EXCAVATIONS WHICH ARE 5 FEET OR DEEPER OR WORK THAT MAY JEOPARDIZE THE WORKERS. SHORING CALCULATIONS SHALL BE PREPARED AND PROVIDED BY THE CONTRACTOR, AS REQUIRED FOR APPROVAL AND PERMITTING.
15. THE CONTRACTOR SHALL OBTAIN AN O.S.H.A PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE CONSTRUCTION OF TRENCHES OR EXCAVATIONS WHICH ARE FIVE FEET OR DEEPER.

PHASING:

16. THE CONTRACTOR SHALL PHASE HIS WORK SO AS NOT TO DISTURB THE SCHOOL'S TEACHING AND CAMPUS ACTIVITIES. HE SHALL PROVIDE WORK AREA SCHOOL TRAFFIC PLANS AS REQUIRED FOR SCHOOL ACCESS.
17. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO CONTROL DUST CAUSED BY CONTRACTOR'S OPERATIONS.
18. ALL WORK IN THE PUBLIC RIGHT OF WAY REQUIRES APPROVAL BY THE JURISDICTIONAL AGENCY BEFORE CONSTRUCTION BEGINS. CONTRACTOR SHALL SECURE AND PAY FOR ANY PERMITS INCLUDING UTILITY CONNECTIONS REQUIRED PRIOR TO CONSTRUCTION. COORDINATE CONSTRUCTION DETAILS IN ACCORDANCE WITH COUNTY OF LOS ANGELES.
19. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL REMOVE EXISTING CONSTRUCTION FENCING, APPURTENANCES AND OFFICE TRAILERS FROM THE SITE. PAVEMENT SHALL BE PATCHED AND REPAIRED TO MATCH ADJACENT PAVEMENT AND APPROVED BY THE DISTRICT INSPECTOR OR COUNTY INSPECTOR AS APPLICABLE.
20. ANY ADDITIONAL SURVEYS OR TESTING AS A RESULT OF CONTRACTOR ERROR OR MISINFORMATION WILL BE CHARGED TO THE CONTRACTOR UNLESS CONTRACTOR HAS REQUESTED IN WRITING INFORMATION OR CLARIFICATION PRIOR TO START OF SPECIFIC WORK IN QUESTION.
21. ADJUST TO GRADE EXISTING MANHOLE RIMS, VALVE BOXES AND ELECTRICAL VAULT LIDS TO DESIGN GRADES WITHIN THE IMPROVEMENT AREA. CONTRACTOR TO VERIFY LOCATION AND NUMBER OF MANHOLE RIMS, VALVE BOXES AND ELECTRICAL VAULT LIDS IN THE FIELD PRIOR TO BIDDING.
22. ALL GRADING AND CONSTRUCTION SHALL CONFORM TO CHAPTERS 18 & 18A AND APPENDIX J OF THE 2007 CALIFORNIA BUILDING CODE UNLESS SPECIFICALLY NOTED ON THESE PLANS.
23. ANY MODIFICATIONS OF OR CHANGES TO APPROVED GRADING PLANS MUST BE APPROVED BY THE JURISDICTIONAL AGENCY.
24. ABANDONED EXISTING IRRIGATION SYSTEM. REMOVE AND DISPOSE OF EXISTING IRRIGATION LINES, SPRINKLER HEAD SYSTEM, ETC. THAT ARE EXPOSED DURING CONSTRICTION. CAP EXISTING LINES AS NECESSARY.
25. APPROVAL OF THESE PLANS REFLECT SOLELY THE REVIEW OF PLANS IN ACCORDANCE WITH THE COUNTY OF LOS ANGELES BUILDING CODE AND DOES NOT REFLECT ANY POSITION BY THE COUNTY OF LOS ANGELES OR THE DEPARTMENT OF PUBLIC WORKS REGARDING THE STATUS OF ANY TITLE ISSUES RELATING TO THE LAND ON WHICH THE IMPROVEMENTS MAY BE CONSTRUCTED. ANY DISPUTES RELATING TO TITLE ARE SOLELY A PRIVATE MATTER NOT INVOLVING THE COUNTY OF LOS ANGELES OR THE DEPARTMENT OF PUBLIC WORKS.

GENERAL NOTES (cont.):

26. WHERE NEW PAVEMENT OR CURB IS TO BE CONSTRUCTED UNDER A FENCE, UNITE AND REMOVE FENCE FABRIC TO PERMIT CONSTRUCTION, (1) REMOVE TOP OF CONCRETE FOOTING TO MAINTAIN 4" MINIMUM CONCRETE BASE, AND (2) REMOVE SIDE OF CONCRETE FOOTING TO MAINTAIN 2" MINIMUM CONCRETE CLEARANCE, AS NECESSARY. AFTER CONSTRUCTION, ADD OR CUT AND KNUCKLE FABRIC TO FIT NEW SURFACE AND RE-INSTALL ADJUST, MODIFY OR REPLACE GATES, IF ANY, TO CLEAR NEW GRADES. CLEARANCE SHOULD NOT EXCEED 3" ABOVE SURFACE AT THE GATE OPENING.
27. NO GRADING SHALL BE STARTED WITHOUT FIRST NOTIFYING THE JURISDICTIONAL AGENCY. A PRE-GRADING MEETING AT THE SITE IS REQUIRED BEFORE THE START OF THE GRADING WITH THE FOLLOWING PEOPLE PRESENT: OWNER, GRADING CONTRACTOR, DESIGN CIVIL ENGINEER, SOILS ENGINEER, GEOLOGIST, COUNTY GRADING INSPECTOR(S) OR THEIR REPRESENTATIVES, AND WHEN REQUIRED THE ARCHEOLOGIST OR OTHER JURISDICTIONAL AGENCIES. PERMITTEE OR HIS AGENT ARE RESPONSIBLE FOR ARRANGING PRE-GRADE MEETING AND MUST NOTIFY THE BUILDING OFFICIAL AT LEAST TWO BUSINESS DAYS PRIOR TO PROPOSED PRE-GRADE MEETING.
28. ALL GRADING AND CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE COUNTY OF LOS ANGELES CODE, TITLE 12, SECTION 12.12.030 THAT CONTROLS AND RESTRICTS NOISE FROM THE USE OF CONSTRUCTION AND GRADING EQUIPMENT FROM THE HOURS OF 8:00PM TO 6:30AM, AND ON SUNDAYS AND HOLIDAYS. (MORE RESTRICTIVE CONSTRUCTION ACTIVITY TIMES MAY GOVERN, AS REQUIRED BY THE DEPARTMENT OF REGIONAL PLANNING AND SHOULD BE SHOWN ON THE GRADING PLANS WHEN APPLICABLE.)
29. CALIFORNIA PUBLIC RESOURCES CODE (SECTION 5097.98) AND HEALTH AND SAFETY CODE (SECTION 7050.5) ADDRESS THE DISCOVERY AND DISPOSITION OF HUMAN REMAINS. IN THE EVENT OF DISCOVERY OR RECOGNITION OF ANY HUMAN REMAINS IN ANY LOCATION OTHER THAN A DEDICATED CEMETERY, THE LAW REQUIRES THAT GRADING IMMEDIATELY STOPS AND NO FURTHER EXCAVATION OF DISTURBANCE OF THE SITE, OR ANY NEARBY AREA WHERE HUMAN REMAINS MAY BE LOCATED, OCCUR UNTIL THE FOLLOWING MEASURES HAVE BEEN TAKEN:
   - A. THE COUNTY CORONER HAS BEEN INFORMED AND HAS DETERMINED THAT NO INVESTIGATION OF THE CAUSE OF DEATH IS REQUIRED AND,
   - B. IF THE REMAINS ARE OF NATIVE AMERICAN ORIGIN, THE DESCENDANTS FROM THE DECEASED NATIVE AMERICANS HAVE MADE A RECOMMENDATION FOR THE MEANS OF TREATING OR DISPOSING, WITH APPROPRIATE DIGNITY, OF THE HUMAN REMAINS AND ANY ASSOCIATED GRAVE GOODS.
30. ALL EXPORT OF MATERIAL FROM THE SITE MUST GO TO A PERMITTED SITE APPROVED BY THE JURISDICTIONAL AGENCY REPRESENTATIVE OR A LEGAL DUMPSITE. RECEIPTS FOR ACCEPTANCE OF EXCESS MATERIAL BY A DUMPSITE ARE REQUIRED AND MUST BE PROVIDED TO THE BUILDING OFFICIAL UPON REQUEST.
31. A COPY OF THE GRADING PERMIT AND APPROVED GRADING PLANS MUST BE IN THE POSSESSION OF A RESPONSIBLE PERSON AND AVAILABLE AT THE SITE AT ALL TIMES.
32. SITE BOUNDARIES, EASEMENTS, DRAINAGE DEVICES, RESTRICTED USE AREAS SHALL BE LOCATED PER CONSTRUCTION STAKING BY A LICENSED LAND SURVEYOR. PRIOR TO GRADING, AS REQUESTED BY THE BUILDING OFFICIAL, ALL PROPERTY LINES, EASEMENTS, AND RESTRICTED USE AREAS SHALL BE STAKED.
33. THE STANDARD RETAINING WALL DETAILS SHOWN IN THE GRADING PLANS ARE FOR REFERENCE ONLY. STANDARD RETAINING WALLS ARE NOT CHECKED, PERMITTED, OR INSPECTED PER GRADING PERMIT. A SEPARATE WALL PERMIT IS REQUIRED FOR ALL STANDARD RETAINING WALLS.
34. A PREVENTIVE PROGRAM TO PROTECT THE SLOPES FROM POTENTIAL DAMAGE FROM BURROWING RODENTS IS REQUIRED PER SECTION 3307.6 OF THE COUNTY OF LOS ANGELES BUILDING CODE. OWNER IS TO INSPECT SLOPES PERIODICALLY FOR EVIDENCE OF BURROWING RODENTS AND A FIRST EVIDENCE OF THEIR EXISTENCE SHALL EMPLOY AN EXTERMINATOR FOR THEIR REMOVAL.
35. IF GRADING AUTHORIZED BY THIS PLAN IS TO EXTEND THROUGH THE RAINY SEASON, NOVEMBER 1 THROUGH APRIL 15 OF THE FOLLOWING YEAR, SEPARATE UPDATED PLANS FOR EROSION CONTROL MUST BE SUBMITTED PRIOR TO OCTOBER PER SECTION 3319.3 OF THE COUNTY OF LOS ANGELES BUILDING CODE.
36. TRANSFER OF RESPONSIBILITY: IF THE CIVIL ENGINEER, THE SOILS ENGINEER, OR THE ENGINEERING GEOLOGIST OF RECORD IS CHANGED DURING GRADING, THE WORK SHALL BE STOPPED UNTIL THE REPLACEMENT HAS AGREED IN WRITING TO ACCEPT THEIR RESPONSIBILITY WITHIN THE AREA OF TECHNICAL COMPETENCE FOR APPROVAL UPON COMPLETION OF THE WORK. IT SHALL BE THE DUTY OF THE PERMITTEE TO NOTIFY THE JURISDICTIONAL AGENCY IN WRITING OF SUCH CHANGE PRIOR TO THE RECOMMENCEMENT OF SUCH GRADING.
37. WORK AREA SCHOOL ACCESS PLANS SHALL BE PROVIDED TO THE CONSTRUCTION PROJECT MANAGER BY THE CONTRACTOR FOR APPROVAL PRIOR TO ANY COMMENCEMENT OF WORK. CONTRACTOR SHALL PROVIDE SCHOOL ACCESS AT ALL TIMES.
38. NO CRUSHING OF EXISTING ASPHALTIC CONCRETE PAVEMENT IS ALLOWED ON SITE.
39. ADJUST ALL CONCRETE YARD BOXES WITHIN CONSTRUCTION LIMIT TO NEW GRADE ELEVATION. IN THE EVENT A YARD BOX NEEDS TO BE REPLACED, CONTRACTOR SHALL INSTALL NEW YARD BOX PER DETAIL 1 ON THIS SHEET.
40. PROVIDE AND INSTALL NEW 2" X 6" REDWOOD HEADERS AT THE EDGES OF NEW AC PAVEMENT WHERE IT ABUTS LAWN, PLANTING AREA AND TREE AREA. UNLESS OTHERWISE SPECIFIED ON THE PLANS.
41. UNCLOG, CLEAN AND FLUSH THE ENTIRE SITE DRAINAGE SYSTEM AFTER PAVING AND IMMEDIATELY BEFORE A RAIN FORECAST. FLOW TEST FOR WORKABILITY AND LEAKAGE.

GENERAL NOTES (cont.):

42. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL JOIN 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 CONSTRUCTION PROJECT MANAGER IN WRITING USING THE PROPER FORMS AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED.
43. 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.
44. CONSTRUCT STRAIGHT GRADES BETWEEN CONTOUR LINES AND SPOT ELEVATIONS AS SHOWN ON PLAN, UNLESS INTERRUPTED BY A GRADE CHANGE LINE. ANY DEVIATION FROM THE GRADING PLAN MUST HAVE PRIOR APPROVAL FROM THE ENGINEER.
45. IN THE EVENT THAT UNSATISFACTORY SUBGRADE IS ENCOUNTERED DURING REMOVAL OF EXISTING PAVEMENT, THE CONTRACTOR WILL IMMEDIATELY CONTACT THE CONSTRUCTION PROJECT MANAGER. ANY MATERIAL REQUIRED TO CORRECT THE DEFICIENCY AND NOT ALREADY SPECIFIED, WILL BE MEASURED AND PAID FOR AS EXTRA WORK THROUGH AN APPROVED CHANGE ORDER.
46. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE THE ARCHITECT AND THE PROJECT MANAGER WITH A COMPLETE SET OF "AS-BUILT" DRAWINGS OF ALL WORK PERFORMED UNDER THIS CONTRACT, AS SHOWN WITHIN THESE CONSTRUCTION DRAWINGS. ALL FIELD CHANGES SHALL BE SHOWN IN DETAIL ON THE "AS-BUILT" DRAWINGS AND SHALL INCORPORATE AS A MINIMUM, NEW ELEVATIONS, GRADES AND ALIGNMENT OF UNDERGROUND FACILITIES WITH DIMENSIONAL TIES TO BUILDINGS OR OTHER VISIBLE IMPROVEMENTS OR EXISTING STRUCTURES.
47. ADJACENT LANDSCAPED AND IRRIGATION AREAS DAMAGED BY THE CONTRACTOR AS PART OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR PRIOR TO PROJECT COMPLETION AT NO EXTRA COST TO THE OWNER.
48. 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.
49. 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.
50. 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.
51. 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.
52. 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.
53. 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.
54. ALL DEBRIS AND FOREIGN MATERIAL 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. THE CONTRACTOR SHALL OBTAIN AND PAY ALL REQUIRED PERMITS FROM THE JURISDICTIONAL AGENCIES TO PERFORM THE TASK.
55. CONSTRUCTION STAKING AND ADJUSTMENTS FOR IMPROVEMENTS SHOWN ON THESE PLANS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR PAID FOR BY THE CONTRACTOR AND INCLUDED IN THE CONTRACT.
56. CONTRACTOR SHALL RE-ROUTE PEDESTRIAN TRAFFIC AND PROVIDE TEMPORARY FENCING AND SIGNAGE AS REQUIRED. ALL WORK SHALL BE APPROVED BY THE CONSTRUCTION PROJECT MANAGER OR THE JURISDICTIONAL AGENCY WHERE APPLICABLE. THE CONTRACTOR SHALL COORDINATE AND BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS, IF REQUIRED.
57. REMOVE EXISTING STORM DRAIN LINES, CLEANOUTS, AND MANHOLES WITHIN THE CONSTRUCTION LIMITS, UNLESS OTHERWISE NOTED TO REMAIN IN PLACE. CUT PIPE AND PLUG AND ABANDON IN PLACE BY FILLING WITH SAND OR LEAN CONCRETE, SEE UTILITY PLAN FOR DETAILS.
58. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED.
59. ALL CONSTRUCTION JOINTS IN THE PAVEMENT SLAB SHALL BE IN THE SAME PLANE. NO STAGGERING OF JOINTS WILL BE PERMITTED.
60. ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED, ALL LAITANCE REMOVED, THOROUGHLY WETTED, AND SLUSHED WITH A COAT OF NEAT CEMENT IMMEDIATELY BEFORE PLACING NEW CONCRETE.
61. ALL EXPOSED EDGES SHALL BE FINISHED WITH A 3/4 INCH CHAMFER.
62. THE CONTRACTOR SHALL VERIFY THE EXISTING UTILITIES PRIOR TO PLACEMENT OF NEW UTILITIES TO AVOID CONFLICT.

DRAINAGE NOTES:

1. ROOF DRAINAGE MUST BE DIVERTED FROM GRADED SLOPES.
2. PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.

FILL NOTES:

1. THE RELATIVE COMPACTION SHALL BE DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D1557-91.
2. FIELD DENSITY SHALL BE DETERMINED BY A METHOD ACCEPTABLE TO THE JURISDICTIONAL AGENCY REPRESENTATIVE. (CHAPTERS 18 & 18A OF THE 2007 CALIFORNIA BUILDING CODE.) HOWEVER, NOT LESS THAN 10% OF THE REQUIRED DENSITY TEST, UNIFORMLY DISTRIBUTED, AND SHALL BE OBTAINED BY THE SAND CONE METHOD. ALL FILL SHALL BE COMPACTED TO THE FOLLOWING MINIMUM RELATIVE COMPACTION CRITERIA:

FILL NOTES (cont.):

3. SUFFICIENT TESTS OF THE FILL SOILS SHALL BE MADE TO DETERMINE THE RELATIVE COMPACTION OF THE FILL IN ACCORDANCE WITH THE FOLLOWING MINIMUM GUIDELINES:
   - A. ONE TEST FOR EACH TWO-FOOT VERTICAL LIFT.
   - B. ONE TEST FOR EACH 1,000 CUBIC YARDS OF MATERIAL PLACED.
   - C. ONE TEST AT THE LOCATION OF THE FINAL FILL SLOPE FOR EACH BUILDING SITE (LOT) IN EACH FOUR-FOOT VERTICAL LIFT OR PORTION THEREOF.
   - D. ONE TEST IN THE VICINITY OF EACH BUILDING PAD FOR EACH FOUR-FOOT VERTICAL LIFT OR PORTION THEREOF.
4. 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 PARAMETERS AND CORRESPONDING UNIT WEIGHTS IN ACCORDANCE WITH THE FOLLOWING GUIDELINES :
   - A. PRIOR AND SUBSEQUENT TO PLACEMENT OF FILL, SHEAR TESTS SHALL BE TAKEN ON EACH TYPE OF SOIL MIXTURE TO BE USED FOR ALL FILL SLOPES STEEPER THAN THREE (15) HORIZONTAL TO ONE VERTICAL.
   - B. 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.
   - C. FILL SOILS SHALL BE FREE OF DELETERIOUS MATERIALS.
5. 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 JURISDICTIONAL AGENCY REPRESENTATIVE 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 IN A QUANTITY AND DISTRIBUTED IN A MANNER THAT WILL NOT BE DETRIMENTAL TO THE FUTURE USE OF THE SITE AND THE SOILS ENGINEER APPROVED THE USE OF SUCH MATERIAL.
6. NO FILL TO BE PLACED, UNTIL THE GEOTECHNICAL ENGINEER OR INSPECTOR HAS INSPECTED AND APPROVED THE BOTTOM OF EXCAVATION.
7. ROCK OR SIMILAR MATERIAL GREATER THAN 4 INCHES IN DIAMETER SHALL NOT BE PLACED IN THE FILL UNLESS APPROVED BY THE GEOTECHNICAL ENGINEER AND APPROVED IN ADVANCE BY THE JURISDICTIONAL AGENCY REPRESENTATIVE. LOCATION, EXTENT, AND ELEVATION OF ROCK DISPOSAL AREAS MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.
8. CONTINUOUS INSPECTION BY THE GEOTECHNICAL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL FILL PLACEMENT AND COMPACTION OPERATIONS WHERE FILLS HAVE A DEPTH GREATER THAN 30 FEET OR SLOPE SURFACE STEEPER THAN 2:1. (CHAPTER 17A OF THE 2007 CALIFORNIA BUILDING CODE).
9. CONTINUOUS INSPECTION BY THE GEOTECHNICAL ENGINEER, OR A RESPONSIBLE REPRESENTATIVE, SHALL BE PROVIDED DURING ALL SUBDRAIN INSTALLATION. (CHAPTER 17A OF THE 2007 CALIFORNIA BUILDING CODE).
10. ALL SUBDRAIN OUTLETS ARE TO BE SURVEYED FOR LINE AND ELEVATION. SUBDRAIN INFORMATION MUST BE SHOWN ON AN "AS BUILT" GRADING PLAN.

GENERAL GEOTECHNICAL NOTES:

1. ALL WORK MUST BE IN COMPLIANCE WITH THE RECOMMENDATIONS INCLUDED IN THE GEOTECHNICAL CONSULTANT'S REPORT(S) AND THE APPROVED GRADING PLANS AND SPECIFICATIONS.
2. SITE GEOTECHNICAL INVESTIGATION WAS PREPARED BY EARTH SYSTEMS SOUTHERN CALIFORNIA, 1024 WEST AVE M-4, PALMDALE, CA 93551 TEL# (661) 948-7538, TITLED "GEOTECHNICAL ENGINEERING REPORT PROPOSED HEALTH AND SCIENCE BUILDING ANTELOPE VALLEY COLLEGE AVENUE K AND 30TH STREET WEST, LANCASTER, LOS ANGELES COUNTY, CALIFORNIA, PL-07131-01, DATED FEBRUARY 28, 2008.
3. THE GEOTECHNICAL ENGINEER IS TO APPROVE THE KEY OR BOTTOM OF EXCAVATION AND LEAVE A CERTIFICATE ON THE SITE FOR THE DISTRICT INSPECTOR. THE DISTRICT INSPECTOR IS TO BE NOTIFIED BEFORE ANY GRADING BEGINS AND FOR BOTTOM INSPECTION BEFORE FILL IS PLACED. FILL MAY NOT BE PLACED WITHOUT APPROVAL OF THE DISTRICT INSPECTOR.
4. GRADING OPERATIONS MUST BE CONDUCTED UNDER PERIODIC INSPECTIONS BY THE GEOTECHNICAL CONSULTANTS WITH MONTHLY INSPECTION REPORTS TO BE SUBMITTED TO THE GEOLOGY AND SOILS SECTION.
5. THE SOIL ENGINEER SHALL PROVIDE SUFFICIENT INSPECTIONS DURING THE PREPARATION OF THE NATURAL GROUND AND THE PLACEMENT AND COMPACTION OF THE FILL TO BE SATISFIED THAT THE WORK IS BEING PERFORMED IN ACCORDANCE WITH THE PLAN AND APPLICABLE CODE REQUIREMENTS.
6. ROUGH GRADING MUST BE APPROVED BY A FINAL ENGINEERING GEOLOGY AND SOILS ENGINEERING REPORT. AN AS-BUILT GEOLOGIC MAP MUST BE INCLUDED IN THE FINAL GEOLOGY REPORT. PROVIDE A FINAL REPORT STATEMENT THAT VERIFIES WORK WAS DONE IN ACCORDANCE WITH REPORT RECOMMENDATIONS AND CODE PROVISIONS (SECTION 3318.1 OF THE COUNTY OF LOS ANGELES BUILDING CODE AND CHAPTER 33 OF THE CALIFORNIA BUILDING CODE 2001 T24 PART 2 VOLUME 1). THE FINAL REPORT(S) MUST BE SUBMITTED TO THE GEOTECHNICAL AND MATERIALS ENGINEERING DIVISION FOR REVIEW AND APPROVAL.
7. FOUNDATION EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE CONSULTING GEOLOGIST AND SOIL ENGINEER, PRIOR TO THE PLACING OF STEEL OR CONCRETE.

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ANTELOPE VALLEY COLLEGE
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owner

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