

GENERAL NOTES AND NOTICE TO CONTRACTORS

GENERAL NOTES		SPECIAL GRADING NOTES		PAVEMENT NOTE		ACCESSIBILITY NOTES (cont.)			
1. PRIOR TO COMMENCING ANY WORK, CONTRACTOR SHALL VERIFY THE DATES OF THE LATEST REVISIONS OF THE APPROVED AND SIGNED PLANS WITH THE ENGINEER. 2. A PRE-CONSTRUCTION CONFERENCE OF ALL INTERESTED PARTIES FOR BE HELD PRIOR TO ANY CONSTRUCTION, INCLUDING GRADING. 3. TO THE EXTENT THAT THE PROVISIONS APPLY THE DEVELOPER SHALL COMPLY WITH THE REQUIREMENTS OF BUILDING STANDARDS OF THE NEVADA ADMINISTRATIVE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) IN REGARDS TO PROVIDING ACCESS TO THE PHYSICALLY DISABLED. 4. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH UNIFORM BUILDING CODE, 1997 EDITION AND 1997 STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION AND SUPPLEMENTS THERETO AND OTHER GOVERNING AGENCIES REGULATIONS ORDINANCES, AND STATE ENERGY STANDARDS. IN CASE OF CONFLICT THE MOST RESTRICTIVE GOVERNS. 5. THE CONTRACTOR IS THE PERSON OR ENTITY IDENTIFIED AS SUCH IN THE OWNER/CONTRACTOR AGREEMENT AND IS REFERRED THROUGHOUT THE CONTRACT DOCUMENTS AS IF SINGULAR IN NUMBER AND MASCLINE IN GENDER. THE TERM CONTRACTOR MEANS THE CONTRACTOR, HIS AUTHORIZED REPRESENTATIVE(S), AND/OR HIS SUB-CONTRACTOR(S). 6. CONTRACTOR SHALL VISIT SITE AND VERIFY ALL DEMINIONS, EXISTING AND FINISHED GRADE ELEVATIONS, CONDITIONS, ETC., AT THE JOB SITE BEFORE SUBMITTING BID/COMMENCING WORK AND REPORT IMMEDIATELY ANY DISCREPANCIES TO THE ARCHITECT OR CIVIL ENGINEER. 7. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AS REQUIRED BY CODE AND OTHER GOVERNING AGENCIES REGULATIONS AND ORDINANCES. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. 8. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THE DRAWINGS AND ANY OTHER UTILITIES AT THE SITE AS REQUIRED BY CODE AND CITY REGULATIONS. 9. CONTRACTOR SHALL HAVE NO TRENCHES OR EXCAVATIONS 5' (FIVE FEET) OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND OR SHALL OBTAIN A NECESSARY PERMIT FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO ISSUANCE A BUILDING OR GRADING PERMIT. 10. PROVIDE PROTECTION OF PEDESTRIANS AND PUBLIC DURING CONSTRUCTION/ DEMOLITION / GRADING / EXCAVATION. CONTRACTOR TO PROVIDE DETAILS AND DRAWINGS OF AT LEAST 6'-0" HIGH FENCE, 6'-0" MINIMUM AWAY FROM CONSTRUCTION ACTIVITIES. 11. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED TEMPORARY AND PERMANENT PERMITS, INCLUDING LICENSES, CERTIFICATES, INSPECTIONS, TESTS AND SERVICES, EXCEPT AS OTHER-WISE INDICATED IN PROJECT SPECIFICATIONS OR INSTRUCTIONS. 12. WRITTEN DIMENSIONS TAKE PRECEDENCES OVER SCALE ON THE WORKING DRAWINGS, DO NOT UNDER ANY CIRCUMSTANCES SCALE DRAWINGS. 13. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS AND SAMPLES AS REQUIRED TO THE ENGINEER FOR HIS REVIEW. SHOP DRAWINGS AND SAMPLES SHALL BE SUBMITTED IN ACCORDANCE WITH "GENERAL CONDITIONS". NO PORTION OF THE WORK REQUIRING SUBMISSION OF SHOP DRAWINGS, PRODUCT DATA, OR SAMPLES SHALL BE COMMENCED UNTIL SUBMITAL HAS BEEN REVIEWED BY THE ARCHITECT, STRUCTURAL ENGINEER, MECHANICAL ENGINEER, ELECTRICAL ENGINEER, CIVIL ENGINEER, OR LANDSCAPE ARCHITECT, AS APPLICABLE. 14. INSTALLATION OF MECHANICAL, ELECTRICAL OR OTHER SIMILAR EQUIPMENT WEIGHING IN EXCESS OF 500 (FIVE HUNDRED) POUNDS SHALL NOT BE COMMENCED UNTIL DETAIL PLANS, SPECIFICATIONS AND ENGINEERING CALCULATIONS HAVE BEEN REVIEWED AND ACCEPTED BY THE ARCHITECT AND STRUCTURAL ENGINEER AND APPROVED BY THE DEPARTMENT OF BUILDING AND SAFETY. 15. CONCRETE SLABS SHALL NOT BE POURED UNTIL WRITTEN NOTICE IS GIVEN TO THE OWNER AND/OR TENANT. 16. COVER ALL CONCRETE SLAB SURFACES WITH CURING PAPER BEFORE POURING ADJACENT CONCRETE SLABS OR A.C. PAVING. CONCRETE CONTRACTOR SHALL BE RESPONSIBLE FOR SPLASHING OF FRESH CONCRETE. 21. A "CERTIFICATE OF COMPLIANCE" SIGNED BY THE GENERAL CONTRACTOR SHALL BE GIVEN TO THE DEPARTMENT OF BUILDING AND SAFETY STATING THAT THE WORK HAS BEEN PERFORMED AND SPECIFICATIONS AFFECTING NON-RESIDENTIAL ENERGY. 22. SIGN CONTRACTOR SHALL SECURE NECESSARY PERMITS. 26. ALL UTILITY COMPANIES SHALL BE CONTACTED PRIOR TO COMMENCING ANY WORK TO BE SURE OF ANY UTILITIES THAT MEY EXIST ON THE SITE THAT MAY NOT SHOW ON THE PLANS, SO THAT THEY MAY BE UNDISTURBED.		4. THE OWNER SHALL EMPLOY THE ENGINEER OF RECORD TO ASSURE COMPLIANCE WITH THE APPROVED PLANS, AND THE SOILS ENGINEER OF RECORD TO PROVIDE SOILS INSPECTIONS AND TESTING. 5. ALL MATERIALS THAT HAVE BEEN DISTURBED BY THE DEMOLITION, DEBRIS, EXCAVATED VEGETATION, CONSTRUCTION MATERIALS, EARTH AND ROCK, REGARDLESS OF ITS SOURCE, UNSUITABLE TO BE USED IN FILLS, SUB-GRADE OR FOUNDATION PURPOSES, SHALL BE REMOVED FROM THE SITE. 6. EXISTING GROUND TO BE FILLED SHOULD BE STRIPPED OF VEGETATION AND SOIL MANTLE REMOVED TO STABLE MATERIAL AS DIRECTED BY SOILS ENGINEER OR INSPECTOR AND SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 12" BELOW EXISTING OR FINISHED GRADE WHICHEVER IS DEEPER. 7. BROKEN PORTLAND CEMENT CONCRETE AND BITUMINOUS TYPE PAVEMENT OBTAINED FROM THE PROJECT EXCAVATION WILL BE PERMITTED IN THE FILL PROVIDED THAT: a) THE MAXIMUM DIMENSION OF ANY PIECE USED DOES NOT EXCEED 6 INCHES. b) PIECES LARGER THAN 4 INCHES ARE NOT PLACED WITHIN 12 INCHES OF ANY STRUCTURE; c) PIECES LARGER THAN 3 INCHES ARE NOT PLACED WITHIN 12 INCHES OF THE SUBGRADE FOR PAVING AND THAT THERE IS NO "NESTING" OF PIECES. 8. NO FILL SHALL BE PLACED UNTIL THE UNDERLYING SOIL HAS BEEN INSPECTED AND APPROVED BY THE SOILS ENGINEER AND INSPECTOR. 9. FOLLOWING STRIPPING OPERATION, ANY OVEREXCAVATION REQUIRED BY THE SOILS REPORT SHALL BE RECOMPACTED TO ENGINEERED FILL. OVEREXCAVATION SHALL EXTEND 3' (THREE FEET) BELOW THE BOTTOM OF FOOTINGS AND 5' (FIVE FEET) BEYOND THE BUILDING ENVELOPE PERMETER. 10. FILL MATERIALS USED IN PREPARATION OF BUILDING SUBGRADE SHALL BE PLACED IN LIFTS OR LAYERS NOT TO EXCEED 12" INCHES OF COMPACTED THICKNESS, UNLESS OTHERWISE APPROVED BY THE SOILS ENGINEER. 11. THE BUILDING PAD SUBGRADE PREPARATION INCLUDING OVEREXCAVATION AND RECOMPACTION SHALL EXTEND Laterally 5' (FIVE FEET) MIN. BEYOND THE BUILDING FOOTPRINT PERIMETER OR FURTHEST EXTERIOR COLUMN FOOTING. 12. REMOVE AREAS OF FINISHED SUBGRADE FOUND TO HAVE INSUFFICIENT COMPACTION DENSITY TO A DEPTH NECESSARY AND REPLACE IN A MANNER THAT WILL COMPLY WITH COMPACTION REQUIREMENTS. SUBGRADE AFTER COMPACTION SHALL BE HARD, UNIFORM, SMOOTH AND TRUE TO GRADE WITHIN 0.10 FEET TOLERANCE. SUBGRADES FOR AREAS TO BE PAVED AND BUILDING PAD SUBGRADES WHETHER PREVIOUSLY GRADED BY OTHERS AND ACCEPTED BY CONTRACTOR OR CONSTRUCTED BY CONTRACTOR ARE TO BE MAINTAINED. ADJUSTMENTS THAT MAY BE REQUIRED TO BE MADE WILL BE DONE AT NO EXTRA COMPENSATION. 13. FINISHED GRADED AREAS SHALL BE UNIFORM AND SMOOTH, FREE FROM ROCK, DEBRIS OR IRREGULAR SURFACE CHANGES. FINISHED SUB-GRADE SURFACE SHALL NOT BE MORE THAN 1/2 INCH ABOVE OR BELOW FINISHED GRADE ELEVATION SHOWN ON THE PLAN. 14. COMPACTION OF FILLS SHALL BE AS RECOMMENDED IN THE SOILS REPORT BUT NOT LESS THAN THE FOLLOWING RELATIVE COMPACTION VALUES BASED ON ASTM D 1557, WHERE APPLICABLE: A. UNDER BUILDING PADS: 90% B. AREAS OTHER THAN BUILDING PADS: 90% C. UTILITY TRENCHES: 90% WITH THE TOP 2 FEET 95% D. NON-STRUCTURAL BACKFILL: 85% WITH THE TOP 2 FEET 90% E. A.B. COMPACTION TO MIN. 95% 15. THE FOLLOWING TESTS SHALL BE PERFORMED ON EACH TYPE OF ON-SITE OR IMPORTED SOIL MATERIAL USED AS COMPACTED FILL AS PART OF CONSTRUCTION TESTING REQUIREMENTS. A. MOISTURE & DENSITY RELATIONSHIP: ASTM D 698 OR ASTM D 1557. B. MECHANICAL ANALYSIS: AASHTO T-88 C. PLASTICITY INDEX: ASTM D 4318 D. R-VALUE: CA-301 16. 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 PLANS AND THE CONDI-TIONS OF PLAN APPROVAL AND THE RECOMMENDATIONS OF THE SOIL REPORT. IN ADDITION TO THE ABOVE, THE SOIL ENGINEER SHALL BE PRESENT DURING THE ENTIRE FILL PLACEMENT AND COMPACTION OF FILLS THAT WILL EXCEED A VERTICAL HEIGHT OF DEPTH OF 30 FEET OR RESULT IN A SLOPE SURFACE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL. 17. SUFFICIENT TESTS OF THE SOILS SHALL BE MADE TO DETERMINE THE DENSITY THEREOF. THE MINIMUM NUMBER OF TESTS SHALL BE AS FOLLOWS: 1) ONE TEST FOR EACH TWO FOOT VERTICAL LIFT. 2) ONE TEST FOR EACH 1000 CUBIC YARDS OF MATERIAL PLACED. 3) ONE TEST AT THE LOCATION OF THE FINAL FILL SLOPE FOR EACH BUILDING PAD IN EACH FOUR FOOT VERTICAL LIFT OR PORTION THEREOF. 4) ONE TEST IN THE VICINITY OF EACH BUILDING PAD FOR EACH FOUR FOOT VERTICAL LIFT OF PORTION THEREOF. SUFFICIENT TESTS OF FILL SOILS SHALL BE MADE TO VERIFY COMPLIANCE OF THE SOIL PROPERTIES WITH THE DESIGN REQUIRE-MENTS, INCLUDING SOIL TYPE AND SHEAR STRENGTHS. THE RESULTS OF SUCH TESTING SHALL BE INCLUDED IN THE SOILS ENGINEER'S COMPACTION REPORT. 18. THE GRADING AND PAVING, INCLUDING EXCAVATION, COMPACTION, EARTHWORK, FOUNDATION AND PAVEMENT MONITORING INCLUDING FIELD INSPECTION, ALL REQUIRED TESTING AND REPORT OF THEIR OBSERVATIONS AND CONCLUSIONS UPON COMPLETION OF WORK SHALL BE THE RESPONSIBILITY OF THE SOILS ENGINEER OF RECORD. 19. IF THERE IS A CESSATION IN THE GRADING OPERATION IN EXCESS OF NINETY (90) DAYS, A CHEMICAL SOIL STABILIZER SHALL BE APPLIED TO PREVENT DUST AND EROSION. 20. PROVIDE PROTECTION TO PEDESTRIANS AND PUBLIC DURING CONSTRUCTION OR DEMOLITION PER CHAPTER 44, 1991 UBC- (CHAPTER 33, 94 UBC), BY BARRICADES AND/OR CANOPIES OR AS NECESSARY FOR PEDESTRIAN SAFETY. SHOW MINIMUM 6'-0" HIGH FENCE MINIMUM 6'-0" AWAY FROM CONSTRUCTION, OR ANY OTHER APPROVED PROTECTION MEANS AND DEVICES.		1. THE EXISTING TOPOGRAPHY AS DELINEATED ON THESE DRAWINGS SHALL BE UTILIZED AS THE BASIS FOR ALL EARTH WORK COMPUTATIONS. SAID TOPOGRAPHY SHALL BE PRESUMED TO BE ACCEPTABLE TO ALL INTERESTED PARTIES UNLESS A DEVIATION IS FOUND PRIOR TO THE START OF GRADING IN ANY SPECIFIC AREA. ANY DEVIATION SO DETER-MINED SHALL BE PROMPTLY TRANSMITTED TO ALL INTERESTED PARTIES. 2. THE CONTRACTOR IS REQUIRED TO ESTIMATE THE QUANTITIES OF GRADING WORK TO BE DONE AND INCLUDE ALL COSTS THEREFROM IN HIS BID, AS NO ADDITIONAL ALLOWANCE WILL BE MADE WITHOUT PRIOR CONSENT FROM THE OWNER. 3. OVEREXCAVATION AND/OR EXCESS BACKFILLING OR DUPLICATION OF GRADING ACTIVITIES IS NOT A BASIS FOR ADDITIONAL COMPENSATION. THIS ALSO APPLIES WHERE MATERIAL IS TO BE REMOVED AND REPLACED TO REDUCE MOISTURE CONTENT. 4. OFFSITE DISPOSAL OF EXCAVATION MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE INCLUDED IN HIS BID. THE CONTRACTOR SHALL HOLD THE OWNER AND ENGINEER HARMLESS AS A RESULT OF ANY CLAIMS ARISING FROM ACTIONS IN ROUTE OF AWAY FROM THE SITE. 5. CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA SUFFICIENTLY DAMPENED TO CONTROL DUST CAUSED BY GRADING AND CONSTRUCTION AND SHALL, AT ALL TIMES, PROVIDE REASONABLE CONTROL OF DUST CAUSED BY WIND. 6. THE FILL MATERIAL IN EACH TRUCKLOAD SHALL BE KEPT LOW ENOUGH TO PREVENT SPILLAGE AND SHALL BE SUFFICIENTLY WETTED DOWN TO PREVENT DUST. 7. WHEN EXCAVATING, COMPACTING OR HAULING ANY EARTH, SAND, GRAVEL, ROCK, STONE, DEBRIS OR ANY OTHER SUBSTANCE OVER ANY PUBLIC STREET, SUCH MATERIALS ARE TO BE PREVENTED TO BLOW OR SPILL OVER AND UPON THE PUBLIC STREET, OR ADJACENT PRIVATE PROPERTY. SHOULD ANY SUCH SUBSTANCE FALL FROM THE BODY, TIRES OR WHEELS OF ANY VEHICLE SO USED UPON ANY PUBLIC STREET IT SHALL BE IMMEDIATELY REMOVED THEREFROM. 8. THE LOCATION OF DUMPING UNSUITABLE OR EXCESS SOIL SHALL BE APPROVED BY THE GRADING INSPECTOR. 9. MUD, SILT AND DEBRIS MUST BE PREVENTED FROM ENTERING THE STREET OR ADJOINING PROPERTIES BY STOCKPILING SANDBAGS AROUND THE PERIMETER OF THE GRADING OPERATION.		1. THE PAVEMENT STRUCTURAL SECTION CALLED FOR IN THE CONSTRUCTION NOTES ARE PRELIMINARY ONLY. ACTUAL THICKNESS OF PAVEMENT AND BASE MATERIAL WILL BE BY THE SOIL'S ENGINEER BASED UPON TRAFFIC INDICES, "IR" VALUES AND SAND EQUIVALENTS ESTABLISHED UPON COMPLETION OF ROUGH GRADING. 2. HOT SEAL ALL PAVEMENT JOINTS ASPHALT CONCRETE TO PORTLAND CONCRETE CEMENT AND ASPHALT CONCRETE TO ASPHALT CONCRETE. 3. ALL JOINTS ARE TO BE SMOOTH, GROOMED & UNDISTURBED SAWCUT EDGES.		9. HANDRAILS GRIP PORTION SHALL NOT BE LESS THAN 1 1/4" NOR MORE THAN 1 1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. SECTION 3307(e.1) 91 UBC. 10. HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP. SECTION 3307 (e.1), 91 UBC. 11. HANDRAILS SHALL BE 34 TO 38 INCHES ABOVE THE RAMP SURFACE. SECTION 3307(e.1), 91 UBC. 12. HANDRAILS SHALL EXTEND A MINIMUM OF ONE FOOT BEYOND THE TOP AND BOTTOM OF THE RAMP AND ENDS SHALL BE RETURNED. SECTION 3307(e.1), 91 UBC. 13. RAMPS MORE THAN 30 INCHES ABOVE THE ADJACENT GROUP OR FLOOR SHALL BE PROVIDED WITH GUARDRAIL AND HANDRAILS. SUCH GUARD-RAILS SHAL BE CONTINUOUS FROM THE TOP OF THE RAMP TO THE BOTTOM OF THE RAMP. GUARDRAILS TO BE 42" MIN. HEIGHT. SECTION 3307(h.1) SECTION 1712, SECTION 1711, SECTION 3307(e.1). (NOTE: GUARDRAILS FOR SLOPING HANDRAILS ARE NOT REQUIRED. HANDRAILS ALONE 34" TO 38" HIGH IS SUFFICIENT) (SECTION 1712, EXCEPTION 3). GUARDRAILS AND HANDRAILS BOTH ARE REQUIRED IN SLOPING RAMP IF RAMP IS MORE THAN 30" ABOVE ADJACENT GRADE 91 UBC. 14. PROVIDE WHEEL GUIDES WHERE RAMP SURFACE IS NOT BOUNDED BY A WALL OR FENCE AND THE RAMP EXCEEDS 10 FEET IN LENGTH. WHEEL GUIDES CAN BE 1) A GUIDE CURB A MINIMUM OF 2 INCHES IN HEIGHT AT EACH SIDES OF RAMP. 2) A WHEEL GUIDE RAIL SHALL BE PROVIDED, CENTERED 3 INCHES PLUS OR MINUS 1 INCH ABOVE RAMP SURFACE. SECTION 3307(h.1), 91 UBC. HANDICAPPED GENERAL NOTES ON ON-SITE GRADE 91 UBC 15. a. LEVEL LANDINGS OR MAXIMUM OF 2% (1/4 TO 1) SLOPE AWAY FROM BUILDING ALL EXTERIOR DOOR LANDINGS. SECTION 3304 (i). b. PROVIDE LEVEL LANDING ON BOTH SIDES OF GATE OR MAXIMUM OF 2% (1/4 TO 1) SLOPE LEVEL LANDING TO HAVE MINIMUM WIDTH OF 48" AND A LENGTH OF 48". IF GATE SWINGS OVER LANDING, LANDING WIDTH IS 42" PLUS WIDTH OF GATE. SECTION 3307(d), 3304(1)12. c. GATE SLOPE FOR HANDICAPPED ACCESS MUST NOT EXCEED 1:20. IF IT EXCEEDS 1:20 SLOPE, PROVIDE HANDRAILS. SECTION 3307(e.1). d. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1 FOOT RISE IN 20 FOOT OF HORIZONTAL RUN. SECTION 3307(a.1). e. ALL CROSS SLOPES OF PATHWAYS AND RAMPS MUST NOT EXCEED 2% (1/4 TO 1) SLOPE. f. MAX CURB RAMP IS 8.33% (1:12) SLOPE MAX CURB SIDE FLARE IS 12.5% (1:8) SLOPE. SECTION 7103. 16. MAXIMUM SLOPE OF RAMP NOT REQUIRED FOR HANPICAPPED IS 1:12 (8.33%). SECTION 3307(c) 91 UBC (SECTION 1007.3, 94 UBC). 17. RAMP SLOPE OVER 12.5% (1:8) CANNOT BE USED AS LEGAL EXIT. 18. RISER - 4" MINIMUM, 7" MAXIMUM, TREAD - 11" MINIMUM. 19. NOSING SHALL NOT PROJECT MORE THAN 1 1/2 INCHES PAST THE FACE OF THE RISER BELOW. SECTION 3306(f). 20. HANDRAILS REQUIRED FOR STAIRWAYS OF 2 OR MORE RISERS ON OPEN/ ONE/BOTH SIDES. HANDRAILS ON BOTH SIDES REQUIRED. EXCEPTION: STAIRWAYS LESS THAN 44" WIDTH, STAIRWAYS IN R-3 OR WITHIN R-3 (R-R-1), PRIVATE STAIRWAYS 30" OR LESS IN HEIGHT, STAIRWAYS IN R-3,R-1 OR M HAVING LESS THAN 4 RISERS AND ONLY SERVING ONE UNIT DOES NOT NEED HANDRAIL. REQUIRES HANDRAIL ON BOTH SIDES FOR HANDICAPPED. 21. 6" SHERE MUST NOT PASS THROUGH THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD AND BOTTOM ELEMENT OF GUARDRAIL. SECTION 1712, EXCEPTION 2, 91 UBC. 22. HANDRAIL HEIGHT 34" TO 38" ABOVE NOSING. 1-1/2" CLEARANCE TO WALL. 1-1/2" TO 2" MAXIMUM WIDTH, ENDS TURNED TO WALL, OPEN SIDE TO HAVE INTERMEDIATE RAILS.BALUSTERS SPACED SO THAT 4" SPHERE CANNOT PASS THROUGH AND AT LEAST ONE HANDRAIL SHALL EXTEND NOT LESS THAN 12" BEYOND TOP AND BOTTOM RISERS. SECTION 3306(i). 23. HANDRAIL DESIGNED FOR 20 LBS. LATERAL LOAD. TABLE 23-B, 91 UBC (TABLE 16-B, 94 UBC). 24. VERTICAL DISTANCE BETWEEN LANDINGS MUST NOT EXCEED 2.5 FEET. SECTION 3306(g), 91 UBC.	
1. THE APPROVED SET OF PLANS SHALL BE ON THE JOBSITE AT ALL TIMES. 2. GEOLOGIC AND SOILS REPORTS PREPARED BY: TERRACON CONSULTANTS WESTERN, INC. PROJECT NO. 649 DATED 5/29/97 INCLUDING SUPPLEMENTS, ADDENDUMS, AND AMENDMENTS ARE INCLUDED BY REFERENCE AND ARE HEREBY MADE AN INTEGRAL PART OF THE GRADING SPECIFICATIONS. 3. THE CONTRACTOR IS REQUIRED TO FAMILIARIZE HIMSELF WITH THE PLANS AND THE GEOLOGIC AND SOILS REPORTS PRIOR TO COMMENCING WORK. CONTRACTOR ACKNOWLEDGES THAT HE HAS INVESTIGATED THE SITE TO DETERMINE THE TYPE, QUANTITY, AND CHARACTER OF GRADING WORK TO BE PERFORMED.									
DRAWN BY: E.A.		DESIGNED BY: E.A.		CHECKED BY: G.K.B.		PROJECT NO.: 98-68			
3/01/99		3/01/99		3/01/99		SCALE: N.T.S.			
SHEET		TITLE		PROFESSIONAL ENGINEER-STATE OF NEVADA GEORGE R. BERHART No. 3067		SHEET C-4 SHEET 4 OF 15 SHEETS DRAWING NO. 107-V3009			

