



STORMWATER RUNOFF MANAGEMENT
(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN TITLE 24.40 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NV100000, SECTION III.A.3.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NV100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

GENERAL NOTES

1. SEE SHEETS 9-13 FOR WALL PLAN.
2. SEE PLAN AND PROFILE SHEETS FOR CENTERLINE AND BACK OF CURB CURVE DATA.
3. FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH IBC 2006, SECTION 2304.11.2.2.
4. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
5. ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION BY SHIPP.
6. MAXIMUM MINIMUM SLOPES AND MINIMUM STREET SECTIONS NOT TO EXCEED THAT SHOWN ON BEST AVAILABLE REPORT.
7. SEE DETAIL SHEETS FOR STREET SECTIONS AND DETAILS.
8. ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
9. CONSTRUCTION OF BLOCK WALLS REQUIRES A SEPARATE BUILDING PERMIT AND APPROVAL.
10. EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES, VEHICLE ENTRANCE AND EXIT LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR TO VERIFY ANY DISCREPANCIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE NOTIFIED OF PRIOR DAMAGE TO EXISTING FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR/REPLACING FACILITIES IF ENGINEER/OWNER IS NOT NOTIFIED OF EXISTING DAMAGE PRIOR TO CONSTRUCTION COMMENCING.
11. NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT (MEASURED FROM THE TOP OF THE ADJACENT CURB OR CURB EDGE) WITHIN THE SIGHT VISIBILITY ZONES.
12. ALL ELEVATIONS SHOWN, WITH EXCEPTION TO PAD AND FINISHED FLOOR ELEVATIONS, ARE THE VALUE SHOWN PLUS 3300'.
13. ALL PRIVATE STREETS ARE PUBLIC UTILITY, CIVIL SEWER AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

Call before you Dig
Avoid cutting underground utility lines
Call 811
1-800-227-2600
OR
CLARK COUNTY TRAFFIC SERVICES
1-702-455-6000

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
Call before you do UnderGround
1-702-455-6000
CLARK COUNTY TRAFFIC OPERATIONS
1-702-432-5300
PREWAY AND MATERIAL SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DIG OVERHEAD
1-702-227-2929

- GRADING NOTES**
1. CONSTRUCT 2" AC PAVEMENT WITH 4" TYPE II OVER 6" TYPE I AGGREGATE BASE
 2. CONSTRUCT 3" AC PAVEMENT WITH 4" TYPE II OVER 6" TYPE I AGGREGATE BASE
 3. SAWCUT AND MATCH EXISTING IMPROVEMENTS PER OCAUSD NO. 5002
 4. CONSTRUCT 1" TYPE CURB AND GUTTER PER SUMMERLIN IMPROVEMENT STANDARDS 5-47
 5. CONSTRUCT SIDEWALK DRAIN PER OCAUSD NO. 236
 6. CONSTRUCT 6" CROSS GUTTER PER SUMMERLIN IMPROVEMENT STANDARDS 5-64
 7. CONSTRUCT 3" WIDE SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS 5-72
 8. CONSTRUCT 4" WIDE SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS 5-72
 9. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE FRAGMENTED CONES OR EQUIVALENT PER OCAUSD NO. 235, CASE III
 10. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE FRAGMENTED CONES OR EQUIVALENT PER OCAUSD NO. 235, CASE I
 11. FIELD VERIFY AND TIE INTO EXISTING CURB AND GUTTER
 12. CONSTRUCT 4" TRANSITION TO DEPRESSION CURB OR OCAUSD NO. 223
 13. INSTALL 24" C-900 PVC STORM DRAIN
 14. INSTALL 60" TYPE III STORM DRAIN MANHOLE PER OCAUSD NO. 406
 15. INSTALL 16" TYPE CM2 DROP INLET PER OCAUSD NO. 412.1 TYPE C-D MODIFIED DROP INLET
 16. INSTALL 20" TYPE CM2 DROP INLET PER OCAUSD NO. 412.1 TYPE C-D MODIFIED DROP INLET
 17. REMOVE EXISTING STORM DRAIN BEYOND PROPOSED DROP INLET
 18. CONSTRUCT A-CURB PER SUMMERLIN IMPROVEMENT STANDARDS 5-49
 19. PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED
 20. CONSTRUCT TEMPORARY TURN-AROUND WITH 6" TYPE II AGGREGATE
 21. INSTALL 6" VIEW FENCE WITH PEDESTRIAN GATE PER SUMMERLIN DESIGN CRITERIA FOR THE PASEOS, SECTION 5
 22. CONSTRUCT 10" TRANSITION FROM 24" L CURB TO 30" ROLL CURB PER DETAIL ON SHEET D-2
- SEE SHEET C-2 FOR ABBREVIATIONS AND QUANTITIES

LEGAL DESCRIPTION
SUMMERLIN VILLAGE 23A UNIT NO. 2 PARCEL O AS SHOWN ON FILE IN BOOK 143, PAGE 47 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA, LYING WITHIN SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST W.D.M., CLARK COUNTY, NEVADA.

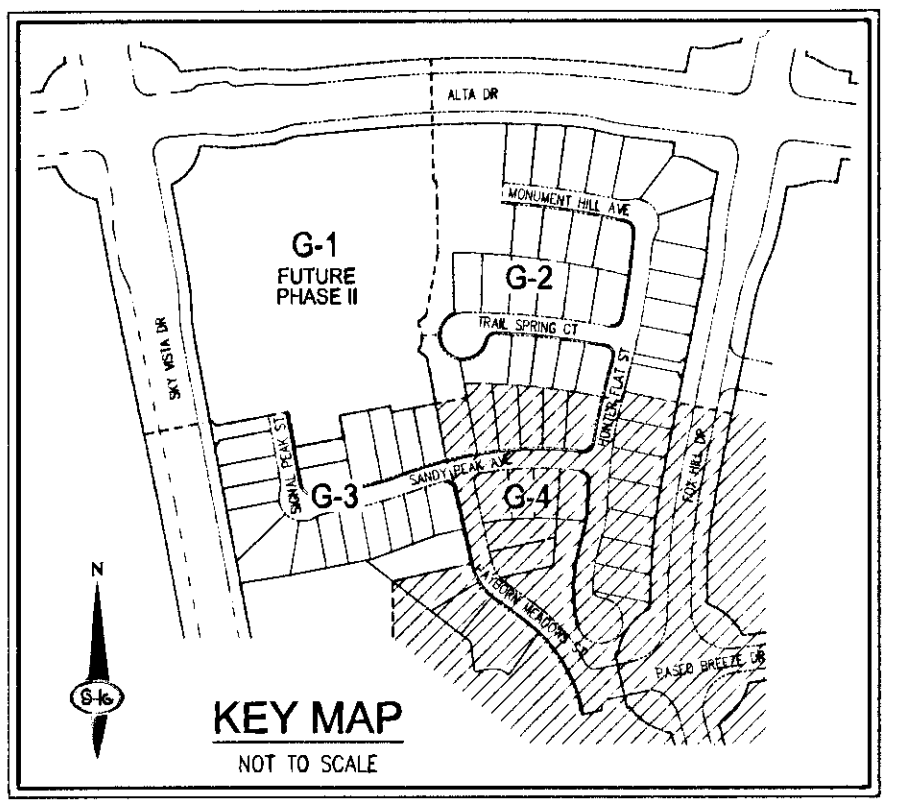
FEMA FLOOD ZONE DESIGNATION
THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X AND SHADDED ZONE X (AREA OUTSIDE THE 500-YEAR FLOOD PLAN AND AREA OF 2% ANNUAL CHANCE FLOOD). PER FIRM PANEL 32003C1750C, DATED SEPTEMBER 27, 2002.

FLOOD CERTIFICATION
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPLICABLE TECHNICAL DRAINAGE STUDY DS-1646 ON FILE AT CITY OF LAS VEGAS FOR THIS SUBMITTAL PROJECT.
CAREY A. FEBER, P.E. 15875 DATE 12/13

SUMMERLIN
SUMMERLIN RESIDENTIAL DESIGN REVIEW COMMITTEE DATE _____
THIS SIGNATURE IS LIMITED TO APPROVAL OF THESE DOCUMENTS FOR CONFORMANCE TO THE DESIGN INTENT OF THE APPLICABLE DESIGN CRITERIA. NEITHER SUMMERLIN NOR THE SUMMERLIN RESIDENTIAL DESIGN REVIEW COMMITTEE ASSUMES RESPONSIBILITY FOR PLAN CONFORMANCE WITH APPLICABLE LAWS, ORDINANCES, AND CODES.

BENCHMARK
ROVET & PLATE IN TOP OF CURB IN THE SOUTHEAST CORNER OF DESERT MOON ROAD & DESERT SUNRISE ROAD, 7LV09345W6A
NAVD 88 ELEV = 1006.289 METERS = 3301.47 FEET

BASIS OF BEARING
NORTH 05°59'30" WEST, BEING THE BEARING OF THE WEST LINE OF SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST, W.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREON ON FILE IN BOOK 143, PAGE 47 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.



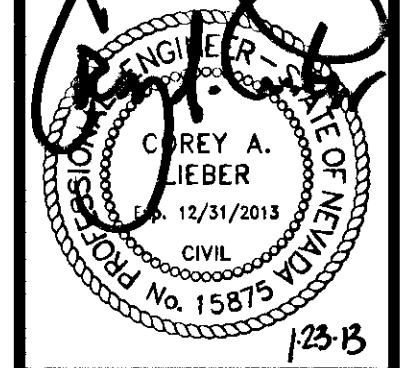
SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5300

DATE	BY	APP.	DESCRIPTION
12/13/12	CA	12/13/12	REV. MEDIAN ISLAND IN ENTRY

WOODSIDE HOMES
BETTER BY DESIGN
ANDORRA & CASTILLE - PHASE 1
GRADING PLAN IV

38 P.59
01 P.59

DATE: 10/17/12
DRAFTER: DSP
DESIGNER: DSP
CHECKED: CAL
PROJECT NO.
WSH1105-001



G-4
SHEET 6 OF 25

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