



**GENERAL NOTES**

- SEE SHEETS 9-13 FOR WALL PLAN.
- SEE PLAN AND PROFILE SHEETS FOR CENTERLINE AND BACK OF CURB CURVE DATA.
- FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH IBC 2006, SECTION 2304.11.2.2.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
- ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION BY SWPPP.
- MAXIMUM/MINIMUM SLOPES AND MINIMUM STREET SECTIONS NOT TO EXCEED THAT SHOWN ON GEOTECH REPORT.
- SEE DETAIL SHEETS FOR STREET SECTIONS AND DETAILS.
- ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
- CONSTRUCTION OF BLOCK WALLS REQUIRES A SEPARATE BUILDING PERMIT AND APPROVAL.
- EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES AND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. CONTRACTOR TO PROTECT IN PLACE DURING CONSTRUCTION. ENGINEER/OWNER 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.
- 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 CUT) WITHIN THE SIGHT VISIBILITY ZONES.
- ALL ELEVATIONS SHOWN, WITH EXCEPTION TO PAD AND FINISHED FLOOR ELEVATIONS, ARE THE VALUE SHOWN PLUS 3300'.
- ALL PRIVATE STREETS ARE PUBLIC UTILITY, CIVIL SEWER AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

**GRADING NOTES**

- CONSTRUCT 2" AC PAVEMENT WITH 4" TYPE II OVER 6" TYPE I AGGREGATE BASE
- CONSTRUCT 3" AC PAVEMENT WITH 4" TYPE II OVER 6" TYPE I AGGREGATE BASE
- SAW CUT AND MATCH EXISTING IMPROVEMENTS PER OCCAUSD NO. 5002
- CONSTRUCT 1/2" TYPE C-2 CURB AND GUTTER PER OCCAUSD NO. 5002
- CONSTRUCT SIDEWALK DRAIN PER OCCAUSD NO. 236
- CONSTRUCT 8" CROSS GUTTER PER SUMMERLIN IMPROVEMENT STANDARDS S-64
- CONSTRUCT 15" SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS S-72
- CONSTRUCT 4" WIDE SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS S-72
- CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED CONES OR EQUIVALENT PER OCCAUSD NO. 235, CASE III
- CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED CONES OR EQUIVALENT PER OCCAUSD NO. 235, CASE I
- FIELD VERIFY AND TIE INTO EXISTING CURB AND GUTTER
- CONSTRUCT 4" TRANSITION TO DEPRESSED CURB
- INSTALL 60" TYPE III STORM DRAIN MANHOLE PER OCCAUSD NO. 408
- INSTALL 15" TYPE CM2 DROP INLET PER OCCAUSD NO. 412.1 TYPE C-D MODIFIED DROP INLET
- INSTALL 20" TYPE CM2 DROP INLET PER OCCAUSD NO. 412.1 TYPE C-D MODIFIED DROP INLET
- REMOVE EXISTING STORM DRAIN BEYOND PROPOSED DRAIN LINE
- CONSTRUCT A-CURB PER SUMMERLIN IMPROVEMENT STANDARDS S-49
- PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED
- CONSTRUCT TEMPORARY TURN-AROUND WITH 6" TYPE II AGGREGATE
- INSTALL 6" VENT FENCE WITH PEDESTAL GATE PER SUMMERLIN DESIGN CRITERIA FOR THE PASEOS, SECTION 5
- CONSTRUCT 10" TRANSITION FROM 24" CURB TO 30" ROLL CURB PER DETAIL ON SHEET C-2
- CONSTRUCT 10" TRANSITION FROM 24" CURB TO 30" ROLL CURB PER DETAIL ON SHEET C-2

**PROFILE**  
HOR. : 1"=40'  
VERT. : 1"=8'

| CURVE TABLE |         |          |            | CURVE TABLE |         |          |            |
|-------------|---------|----------|------------|-------------|---------|----------|------------|
| NO.         | LENGTH  | RADIUS   | DELTA      | NO.         | LENGTH  | RADIUS   | DELTA      |
| CL2         | 69.26'  | 48.50'   | 81°49'23"  | CL30        | 30.77'  | 20.00'   | 88°09'37"  |
| CL3         | 162.69' | 303.00'  | 30°45'50"  | CL31        | 30.62'  | 20.00'   | 87°43'08"  |
| CL4         | 83.18'  | 304.00'  | 15°40'23"  | CL32        | 42.78'  | 1057.00' | 21°02'     |
| CL5         | 244.58' | 1038.50' | 13°28'40"  | CL33        | 78.10'  | 285.50'  | 15°40'23"  |
| CL6         | 337.51' | 1550.00' | 12°28'34"  | CL34        | 88.22'  | 322.50'  | 15°40'23"  |
| CL11        | 145.97' | 200.00'  | 41°49'05"  | CL35        | 172.62' | 321.50'  | 30°45'50"  |
| CL13        | 8.73'   | 800.00'  | 0°50'00"   | CL36        | 84.70'  | 284.50'  | 17°03'29"  |
| CL15        | 22.24'  | 50.00'   | 25°29'10"  | CL37        | 30.30'  | 20.00'   | 88°48'52"  |
| CL16        | 109.89' | 47.00'   | 133°58'05" | CL38        | 201.00' | 45.50'   | 253°08'51" |
| CL17        | 22.23'  | 50.00'   | 25°29'10"  | CL39        | 158.49' | 218.50'  | 41°08'09"  |
| CL18        | 42.84'  | 30.00'   | 81°49'23"  | CL40        | 31.37'  | 20.00'   | 89°51'50"  |
| CL19        | 166.71' | 1531.50' | 6°14'12"   | CL41        | 31.25'  | 20.00'   | 90°28'10"  |
| CL20        | 283.19' | 1568.50' | 10°20'40"  | CL42        | 21.46'  | 6.83'    | 180°00'00" |
| CL21        | 31.41'  | 20.00'   | 89°59'21"  | CL43        | 21.46'  | 6.83'    | 180°00'00" |
| CL22        | 32.47'  | 20.00'   | 93°00'31"  | CL44        | 21.46'  | 6.83'    | 180°00'00" |
| CL23        | 47.96'  | 1531.50' | 1°46'59"   | CL45        | 4.71'   | 3.00'    | 90°00'00"  |
| CL24        | 126.60' | 1057.00' | 7°04'43"   | CL46        | 4.71'   | 3.00'    | 90°00'00"  |
| CL25        | 240.23' | 1020.00' | 13°28'40"  | CL47        | 4.71'   | 3.00'    | 90°00'00"  |

CL = CENTERLINE CURVE DATA  
C = BACK OF CURB CURVE DATA

**DISCLAIMER NOTE**  
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

**BENCHMARK**  
RIVET & PLATE IN TOP OF CURB IN THE SOUTHEAST CORNER 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.  
NAVO 88 ELEV = 1008.28 METERS = 3301.47 FEET

**BASIS OF BEARING**  
NORTH 055°55' 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.

**APPROVED FOR CONSTRUCTION** 1st. Appr 10-31-12  
*[Signature]*  
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER  
PROJECT NO. 112428 DATE 01/24/13

**SLATER HANIFAN GROUP**  
CONSULTING ENGINEERS & PLANNERS  
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118  
PHONE (702) 284-5300 FAX (702) 284-5399

**KEY MAP**  
NOT TO SCALE

**GENERAL NOTES**

**GRADING NOTES**

**PROFILE**  
HOR. : 1"=40'  
VERT. : 1"=8'

**DISCLAIMER NOTE**

**BENCHMARK**

**BASIS OF BEARING**

**APPROVED FOR CONSTRUCTION**

**WOODSIDE HOMES**  
BETTER BY DESIGN

**ANDORRA & CASTILLE - PHASE 1**  
HUNTER FLAT ST PLAN AND PROFILE

DATE: 10/17/12  
DRAFTER: DSP  
DESIGNER: DSP  
CHECKED: CAL  
PROJECT NO. WSH1105-001  
PP-4 SHEET 17 OF 25