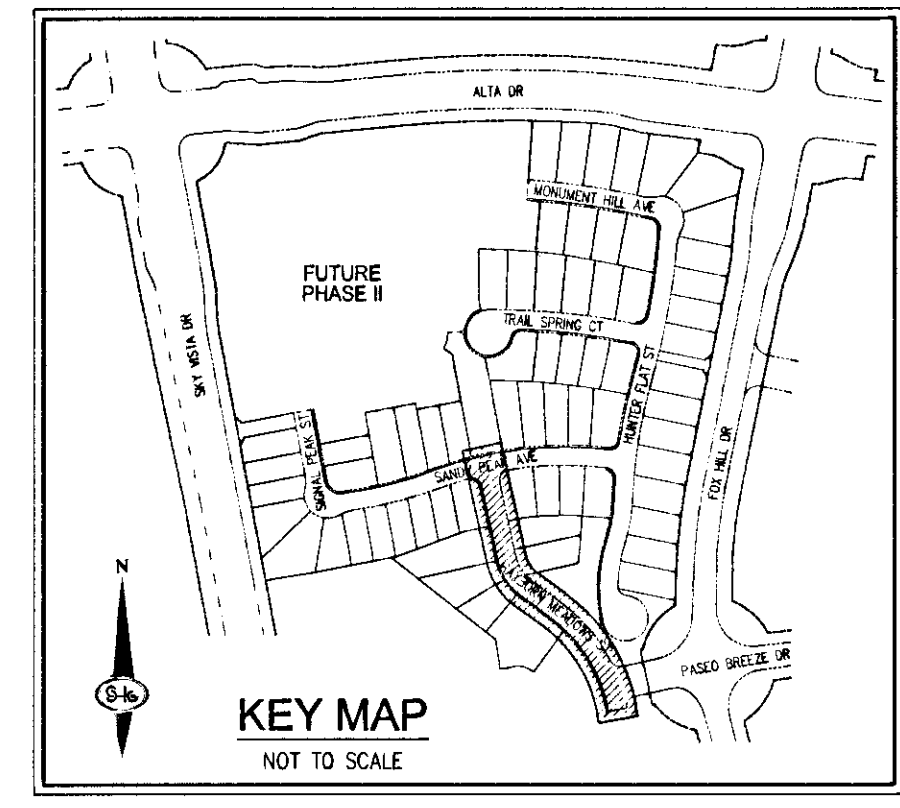


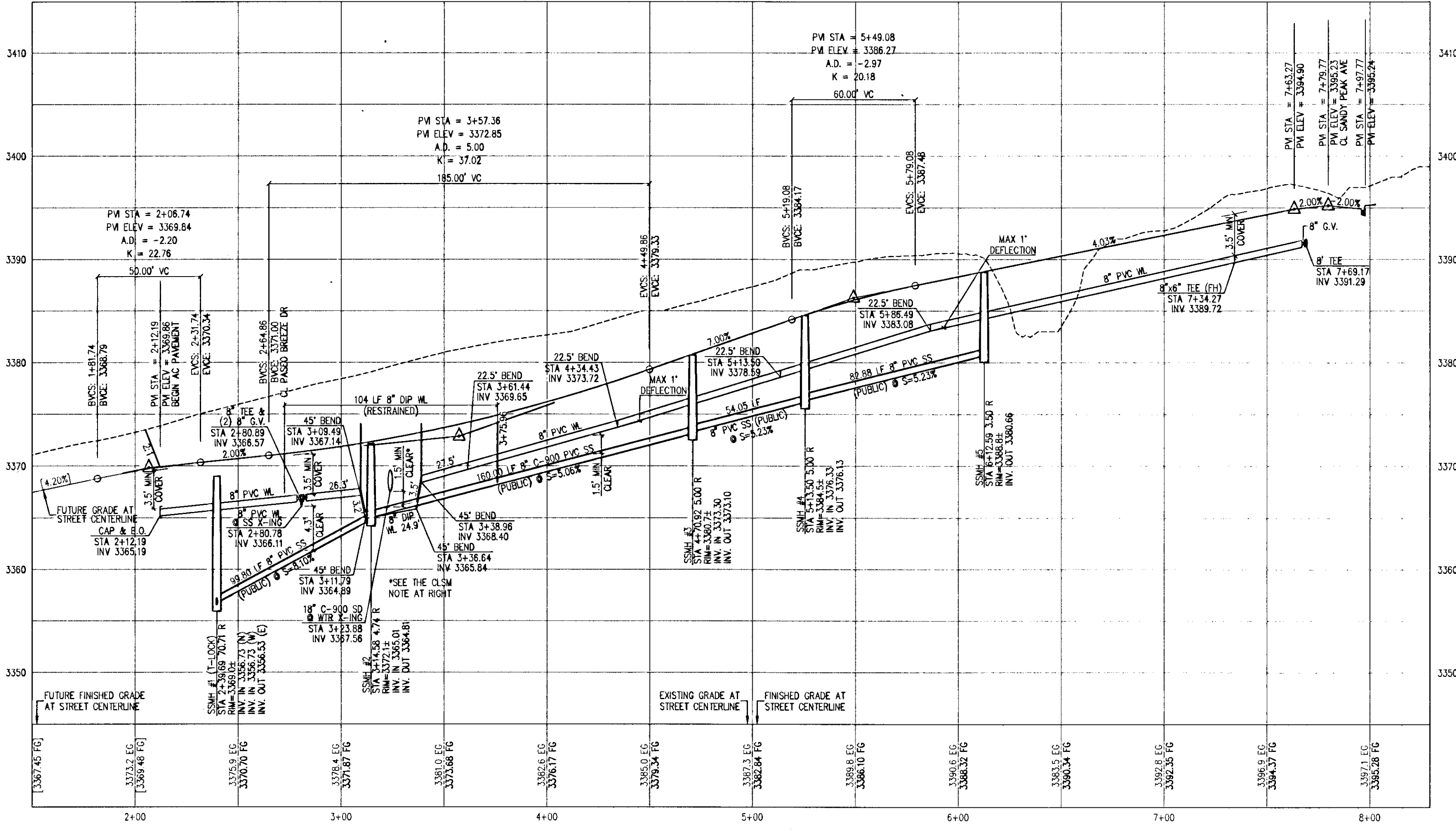
NO.	LENGTH	RADIUS	DELTA	TANGENT
CL10	345.32	725.00	271°28'	176.00
CL11	145.27	200.00	41°49'25"	76.41
CL12	72.99	100.00	41°49'25"	38.20
CL13	8.73	800.00	0°50'00"	4.36
C40	353.83	743.50	271°16'01"	180.33
C41	32.53	20.00	93°11'39"	21.15
C42	32.55	20.00	93°14'08"	21.16
C43	58.84	706.50	47°46'19"	29.44
C50	59.48	81.30	41°49'25"	31.14
C51	86.49	118.50	41°49'25"	45.27
C52	132.47	181.50	41°49'25"	69.34
C53	159.48	218.50	41°49'25"	83.48
C54	31.37	20.00	89°51'50"	19.95
C55	31.75	20.00	90°38'10"	20.34
C56	21.46	6.83	180°00'00"	INFINITE
C57	21.46	6.83	180°00'00"	INFINITE
C58	21.46	6.83	180°00'00"	INFINITE

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



- ### 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 SMPPP.
 - MAXIMUM MINIMUM SLOPES AND MINIMUM STREET SECTIONS NOT TO EXCEED THAT SHOWN ON SECTION 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 WILL 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 IF CURB EXISTS) 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, CULV 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 OCAUSD NO. 500.2
 - CONSTRUCT 4" TYPE II CURB AND GUTTER PER SUMMERLIN IMPROVEMENT STANDARDS S-47
 - CONSTRUCT SIDEWALK DRAIN PER OCAUSD NO. 236
 - CONSTRUCT 8" CROSS GUTTER PER SUMMERLIN IMPROVEMENT STANDARDS S-64
 - CONSTRUCT 5" WIDE SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS S-72
 - CONSTRUCT 4" WIDE SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS S-72
 - CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED EDGES OR EQUIVALENT PER OCAUSD NO. 235, CASE III
 - CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED EDGES OR EQUIVALENT PER OCAUSD NO. 235, CASE I
 - FIELD VERIFY AND FIT INTO EXISTING CURB AND GUTTER
 - CONSTRUCT 4" TRANSITION TO DEPRESSION CURB PER OCAUSD NO. 223
 - INSTALL 24" C-900 PVC STORM DRAIN
 - INSTALL 60" TYPE III STORM DRAIN MANHOLE PER OCAUSD NO. 408
 - INSTALL 15.0" TYPE CM2 DROP INLET PER OCAUSD NO. 412.1 TYPE C-D MODIFIED DROP INLET
 - INSTALL 20.0" TYPE CM2 DROP INLET PER OCAUSD NO. 412.1 TYPE C-D MODIFIED DROP INLET
 - PROPOSED DROP INLET SYSTEM DRAIN BEYOND
 - 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" NEW FENCE WITH PEDESTRIAN GATE PER SUMMERLIN DESIGN CRITERIA FOR THE PASEOS, SECTION 5
 - 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



RAMP TRANSITION LENGTHS

RAMP NO.	GRADE %	"B" TO "A"	"A" (FT) MIN.	"B" (FT) MIN.
1	-6 TO -5.01	4.5'	21.5'	
2	-5 TO -4.01	4.5'	15.0'	
3	-4 TO -3.01	4.5'	12.0'	
4	-3 TO -2.01	4.5'	9.5'	
5	-2 TO 2	8.0'	8.0'	
6	2.01 TO 3	9.5'	4.5'	
7	3.01 TO 4	12.0'	4.5'	
8	4.01 TO 5	15.0'	4.5'	
9	5.01 TO 6	21.5'	4.5'	

CONTROLLED LOW STRENGTH MATERIAL (CLSM)
PROTECT WATERLINES IN PLACE WHENEVER A WATERLINE IS ABOVE A STORM DRAIN OR SEWER WHERE COMPACTION REQUIREMENTS UNDER A WATERLINE CANNOT BE MET. BACKFILL TRENCH WITH CLASS II CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY. ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UOACS 2.22 ESN.042 REV.09/10/09

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.

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

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
RINET & PLATE IN TOP OF CURB IN THE SOUTHEAST CORNER OF DESERT MOON ROAD & DESERT SUNRISE ROAD, 7LV09345M6A
NAVD 88 ELEV = 1006.289 METERS = 3301.47 FEET

BASIS OF BEARING
NORTH 05°59'55" WEST, BEING THE BEARING OF THE WEST LINE OF SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN BOOK 143, PAGE 47 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

Call before you Dig
Avoid hitting underground utility lines. It's costly.
Call 811
1-800-227-2600
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-6000

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

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

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5390 FAX (702) 284-5399

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WOODSIDE HOMES
BETTER BY DESIGN
ANDORRA & CASTILLE - PHASE 1
HAYBORN MEADOWS ST PLAN AND PROFILE

DATE: 10/17/12
DRAFTER: DSP
DESIGNER: DSP
CHECKED: CAL
PROJECT NO. **WSH1105-001**
PP-5
SHEET 18 OF 25
10744982-1

1/22/2014 2:13 PM David Alvarado

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