CONSTRUCTION QUANTITIES

NO	ITEM	UNIT	PUBLIC PHASE I CC/CLV	PRIVATE
1	CONSTRUCT "L" TYPE CURB AND GUTTER PER STD DWG NO. 216.	LF	–/1760	2167
2	CONSTRUCT "A" TYPE CURB PER STD. DWG. NO. 219.	LF	–/1826	6428
3	CONSTRUCT 8' CONCRETE CROSS GUTTER PER STD DWG NO 228	SF	–/376	–
4	CONSTRUCT COMMERCIAL DRIVEWAY PER STD DWG NO 222A & 225	SF	–/2028	–
5	CONSTRUCT 4" SIDEWALK PER STD DWG NO. 234.	SF	57/7120	21,850
6	CONSTRUCT ADA RAMPS WITH ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER STD DWG NO 235, CASE 1	EA	–/7	–
7	CONSTRUCT 2' WIDE SIDEWALK UNDERDRAIN PER STD DWG NO. 236	EA	–/9	2
8	TRANSITION FROM 0" TO 6" CURB IN 10 FEET	LF	–	20
9	TYPE I GRAVEL	CY	250/875	–
10	TYPE II GRAVEL	CY	154/539	–
11	CONSTRUCT 3.5" MIN AC OVER 4" TYPE II AB OVER 6.5" TYPE I AB	SY	1384/4847	–
12	CONSTRUCT 8' WIDE CROSS GUTTER PER DETAIL 7 ON SHEET D1	SF	–/8067	–
13	CONSTRUCT 1'4" SOLID GROUTED STEMWALL WITH TOP CAP & TOP BLOCK SMOOTH FACE WITH REMAINDER BLOCKS SPLIT FACE PER SEP. PERMIT BY OTHERS – SEE ARCHITECTURAL PLANS FOR DETAILS	LF	–/859	–
14	CONSTRUCT 2" MIN AC OVER 8" TYPE II AGG. BASE PER SOILS REPORT BY JA CESARE. SEE DETAIL 1 ON SHEET D1	SY	–	25,317
15	CONSTRUCT 2.5" MIN AC OVER 9" TYPE II AGG. BASE PER SOILS REPORT BY JA CESARE. SEE DETAIL 2 ON SHEET D1	SY	–	7,302
16	CONSTRUCT 3' WIDE VALLEY GUTTER PER DETAIL 3 ON SHEET D1	SF	–/–	4023
17	CONSTRUCT ON-SITE RAMP PER DETAIL 4 ON SHEET D1.	EA	–	8
18	CONSTRUCT ON-SITE RAMP PER DETAIL 5 ON SHEET D1.	EA	–	6
19	CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL PLAN (BY OTHERS)	EA	–	2
20	CONSTRUCT 0" CURB	LF	–	94
21	CONSTRUCT HALF OF CUL-DE-SAC PER STD DWG NO. 212	SF	–/–	–
22	SAWCUT AND MATCH EXISTING PAVEMENT.	LF	91/951	–
23	CONSTRUCT 2' WIDE CONCRETE FLUME PER DETAIL 6 ON SHEET D1	LF	–	56
24	CONSTRUCT RETAINING WALL (H MAX=3'4") PER SEP. PERMIT BY OTHERS	LF	–/37	252
25	CONSTRUCT SCREEN WALL PER SEP. PERMIT BY OTHERS	LF	–	258
26	INSTALL 6" PVC ROOF DRAIN PIPE. TRANSITION TO 3"x12 1/2" RECTANGULAR PIPE THROUGH CURB. ALHAMBRA A-480 ADAPTOR OR EQUAL.	LF	–	38
27	INSTALL 4" PVC ROOF DRAIN PIPE. TRANSITION TO 3"x5" RECTANGULAR PIPE THROUGH CURB. ALHAMBRA A-480 ADAPTOR OR EQUAL.	LF	–	11
28	INSTALL 3" PVC ROOF DRAIN PIPE THROUGH CURB	LF	–	39
29	ROOF DRAIN TO SPILL TO GRADE-SEE ARCH. PLANS FOR SPASH BLOCK DETAILS.	EA	–	6

STORM DRAIN CONSTRUCTION QUANTITIES

NO	ITEM	UNIT	PUBLIC CC	CLV
1	INSTALL 24" BEEHIVE INLET WITH CONCRETE APRON PER CC STD. DWG. NO. 416. SEE DETAIL 1 ON SHEET D2.	EA	1	–
2	INSTALL 18" CLASS III RCP STORM DRAIN PIPE	LF	38	295
3	INSTALL 18" RCP END SECTION PER NDOT DETAIL R-2.3.1. SEE DETAIL 2 ON SHEET D2.	EA	–	1
4	INSTALL CLEAN OUT	EA	–	1

PHASE II CONSTRUCTION QUANTITIES

NO	ITEM	UNIT	PUBLIC PHASE II CC/CLV
1	CONSTRUCT "L" TYPE CURB AND GUTTER PER STD DWG NO. 216.	LF	–/189
5	CONSTRUCT 4" SIDEWALK PER STD DWG NO. 234.	SF	–/945
7	CONSTRUCT 2' WIDE SIDEWALK UNDERDRAIN PER STD DWG NO. 236	EA	–/2
9	TYPE I GRAVEL	CY	46/68
10	TYPE II GRAVEL	CY	28/42
11	CONSTRUCT 3.5" MIN AC OVER 4" TYPE II AB OVER 6.5" TYPE I AB	SY	252/379
21	CONSTRUCT HALF OF CUL-DE-SAC PER STD DWG NO. 212	SF	2267/4949
24	CONSTRUCT RETAINING WALL (H MAX=3'4") PER SEP. PERMIT BY OTHERS	LF	–/37

DECATUR MEDIAN CONSTRUCTION QUANTITIES

NO	ITEM	UNIT	PUBLIC PHASE II
2	CONSTRUCT "A" TYPE CURB PER STD. DWG. NO. 219.	LF	200
11	CONSTRUCT 4.5" MIN AC OVER 4" TYPE II AB OVER 13" TYPE I AB	SY	242
22	SAWCUT AND MATCH EXISTING PAVEMENT.	LF	215

SEWER CONSTRUCTION QUANTITIES

NO	ITEM	UNIT	PUBLIC PHASE I	PRIVATE
1	CONTRACTOR TO VERIFY INVERT PRIOR TO CONSTRUCTION & MODIFY MANHOLE INVERT FOR 8" SS	EA	1	–
2	INSTALL 48" DIA. PRE-CAST SEWER MANHOLE PER SD-1A & SD-1B	EA	1	2
3	INSTALL 8" DIA PVC SDR-35 SEWER MAIN	LF	–	489
4	REMOVE EXISTING 10" SS TO EX. SSMH	LF	–	–
5	STUB AND CAP FOR FUTURE CONNECTION	EA	–	–
6	INSTALL 6" CLEAN OUT PER SD-26	EA	–	3
7	INSTALL 6" DIA PVC SDR-35 SEWER LATERAL PER SD-22 WITH MARKER PER SD-25	LF	–	148
8	INSTALL WYE & 45° BEND PER SD-22	EA	–	3

QUANTITIES NOTE

QUANTITIES SHOWN ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR HIS OWN ESTIMATE FOR BIDDING AND SHALL BID A COMPLETE JOB. CONTRACTOR SHALL ADVISE OWNER AND ENGINEER OF ANY APPARENT DISCREPANCIES IN ESTIMATE.

TRAFFIC QUANTITIES

NO	ITEM	UNIT	PUBLIC PHASE II CC	PHASE I CLV
1	INSTALL "STOP SIGN" R-1 (30")	EA	3	–
2	SIGHT VISIBILITY ZONES, SEE H SHEETS FOR DETAILS	EA	–	–
3	INSTALL 4" SOLID WHITE LINE 1' OFF OF PROPOSED EDGE OF PAVEMENT	LF	605	–
4	INSTALL TYPE I CENTERLINE PER STD. DWG. 244	LF	–	–
5	INSTALL TYPE II CENTERLINE PER STD. DWG. 244	LF	568	–
6	INSTALL 2" PVC STREETLIGHT CONDUIT W/ (2) #4 & (1) #8 THW COPPER CONDUCTORS	LF	–	–
7	INSTALL 1 1/4" PVC STREETLIGHT CONDUIT W/ (2) #4 & (1) #8 THW COPPER CONDUCTORS	LF	–	–
8	INSTALL 3" PVC CONDUIT WITH A 6 PAIR PE 39#22 AWG LOCATING WIRE	LF	–	–
9	INSTALL 250W STREET LIGHT PER USD #301.1, #314, #320 & #321	EA	–	–
10	INSTALL 100W STREET LIGHT PER USD #311.1A, #314, #320 & #321	EA	–	–
11	INSTALL R7-1APR (18" X 24") NO PARKING SIGNS	EA	–	–
12	INSTALL P30 PULL BOX WITH "FIBER OPTIC" INSCRIBED ON LID	EA	–	–
13	INSTALL 3-1/2" PULLBOX	EA	–	–
14	INSTALL ARROW TURN SYMBOL PER USDCCA STD DWG NO. 246A.	EA	–	–
15	INSTALL "ONLY" SYMBOL PER USDCCA STD DWG NO. 246A.	EA	–	–
16	INSTALL MEDIAN NOSE MARKINGS PER USDCCA STD DWG NO. #218 AND #248	EA	–	–
17	INSTALL R5-1 "DO NOT ENTER" SIGN	EA	–	–
18	INSTALL R3-2 "NO LEFT TURN" SIGN	EA	–	–
19	INSTALL STORAGE LANE LINE PER STD. DWG. 246	EA	85	85
20	INSTALL PCC ISLAND CURB PER STD. DWG. 220	SF	–	–
21	REMOVE EXISTING STRIPING	LF	975	–
22	REMOVE EXISTING OM-3R SIGNS	EA	–	–
23	REMOVE EXISTING END OF ROAD SIGNS	EA	–	–
24	INSTALL 125 AMP SERVICE PEDESTAL	EA	–	–
25	INSTALL "ENTER ONLY" T02 SIGN (PRIVATE)	EA	–	–
26	INSTALL OM-3R SIGNS AT 25' OC	EA	–	6
27	INSTALL 8" SOLID WHITE LINE 1' OFF OF PROPOSED EDGE OF PAVEMENT	LF	–	181
28	INSTALL TYPE II CENTERLINE PER USDCCA STD DWG NO. #244	LF	–	144
29	INSTALL TRANSITION STRIPING PER USDCCA STD DWG NO. 245 (2 OF 3)	LF	20	127

WATER CONSTRUCTION QUANTITIES

NO	ITEM	UNIT	PUBLIC	PRIVATE
1	WET TAP EXISTING 8" WATERLINE WITH 8"x8" MJ TAPPING SLEEVE (OR APP. EQUAL) AND 8" TAPPING VALVE PER UDACS PLATE 34 & 39. EXCAVATE PER UDACS PLATE 17 & 19.	EA	2	–
2	INSTALL 10" RPDA (CONBRACO 40-70G-E3) PER UDACS PLATE 56	EA	2	–
3	INSTALL 8" X 6" TEE PER UDACS PLATE 31	EA	1	–
4	WET TAP EXISTING 8" WATERLINE WITH 8"x6" MJ TAPPING SLEEVE (OR APP. EQUAL) AND 8" TAPPING VALVE PER UDACS PLATE 34 & 39. EXCAVATE PER UDACS PLATE 17 & 19.	EA	1	–
5	INSTALL 2" SERVICE SADDLE & CORPORATION STOP PER UDACS PLATE 4	EA	1	1
6	INSTALL 1 1/2" SERVICE SADDLE & CORPORATION STOP PER UDACS PLATE 4	EA	1	–
7	INSTALL 2" METER PER UDACS PLATE NO 4	EA	1	1
8	INSTALL 1 1/2" METER PER UDACS PLATE NO 4	EA	1	–
9	INSTALL 2" RPPA PER UDACS PLATE NO 8	EA	–	2
10	INSTALL 1 1/2" RPPA PER UDACS PLATE NO 8	EA	–	1
11	INSTALL 8" PVC WL – C900, CLASS 150	LF	78	1994
12	INSTALL 6" PVC WL – C900, CLASS 150	LF	73	222
13	INSTALL 2" COPPER WATER LINE (PUBLIC)	LF	1	–
14	INSTALL 1 1/2" COPPER WATER LINE (PUBLIC)	LF	1	–
15	INSTALL 2" BRASS WATER LINE (PUBLIC)	LF	1	–
16	INSTALL 1 1/2" BRASS WATER LINE (PUBLIC)	LF	1	–
17	INSTALL 3"X 2" REDUCER PER UDACS PLATE 30	EA	–	1
18	INSTALL 3"X 1 1/2" REDUCER PER UDACS PLATE 30	EA	–	1
19	INSTALL 3" WATER LINE (PVC) ON-SITE (PRIVATE)	LF	–	438
20	INSTALL 8"x 8" TEE PER UDACS PLATE 31	EA	–	2
21	INSTALL 3"x 3" TEE PER UDACS PLATE 31	EA	–	1
22	INSTALL FIRE HYDRANT AND 6" GATE VALVE PER UDACS PLATES 40	EA	2	5
23	INSTALL GATE VALVE SAME SIZE AS LINE PER UDACS PLATES 30 & 39	EA	1	6
24	INSTALL 90° BEND SAME SIZE AS LINE PER UDACS PLATE NO 31	EA	–	7
25	INSTALL 45° BEND SAME SIZE AS LINE PER UDACS PLATE NO 31	EA	–	3
26	INSTALL 22.5° BEND SAME SIZE AS LINE PER UDACS PLATE NO 31	EA	–	2
27	INSTALL 11.25° BEND SAME SIZE AS LINE PER UDACS PLATE NO 31	EA	–	3
28	MINIMUM 18" CLEAR BETWEEN WATER & SEWER PER UDACS 2.22.02A	EA	1	2
29	INSTALL BLUE REFLECTIVE PAVEMENT MARKER IN THE FIRE LANE ADJACENT TO EACH HYDRANT	EA	1	5
30	INSTALL 10" X 8" REDUCER PER UDACS PLATE 30	EA	2	2
31	INSTALL 6" DIP WL	LF	24	–

APPROVED FOR CONSTRUCTION

Don Gregory

Las Vegas Valley Water District Engineering Services Manager

Date 03/28/11 Project No. 110320 ESN 018

CLV DRAWING NO. 107V5608-1

W|E

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STATE OF NEVADA — PROFESSIONAL ENGINEER — TREASA L. WOLF — CIVIL — EDP-9343 — No. 17817 — 11-2-12

APPROVAL	DATE	INITIALS

REVISIONS

DATE	REV	DESCRIPTION OF REVISION

CATALYST CONSULTING COMPANY
AGUILAS CFC CHURCH

H3771.5 NOTES AND QUANTITIES - 2 OF 2

PHASE I

CC HTE: 10-10763
SUBMITTAL NO. FINAL
DATE: FEBRUARY 16, 2011
WE PROJECT NO. 1167.00
AGENCY NO. CLV:37715
SHEET NO.: C3
3 OF 27 SHEETS

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