IMPROVEMENT PLANS
FOR
CHEYENNE WEST OF HUALAPAI
A RESIDENTIAL SUBDIVISION
CITY OF LAS VEGAS, NEVADA
APN: 137-12-801-004

PROFESSIONAL ENGINEER STATE OF NEVADA
S. JUSTIN THORNE
Exp: 6/30/18
CIVIL
No. 22841
11/15/16
FOR REV 5 ONLY

PROFESSIONAL ENGINEER STATE OF NEVADA
ROBERT D. CUNNINGHAM
Exp: 12-31-16
CIVIL
No. 15726
2/24/15

UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-227-2929

LEGAL DESCRIPTION

A PORTION OF SOUTH HALF (S 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M. CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

GEOTECHNICAL

NOVA GEOTECHNICAL & INSPECTION SERVICES
4480 WEST HACIENDA AVENUE
LAS VEGAS, NEVADA 89118
702-873-3478

REPORT NO: E-13-026
DATE: 05/13/2013

BENCHMARK

RIVET AND PLATE IN TOP OF CURB ON THE SOUTH SIDE OF CHEYENNE +/- 1/4 MILE WEST OF HUALAPAI WAY
853.856m/2801.36FT (NAVD 88 DATUM)
CLV BM #9LV0913NNE6

BASIS OF BEARINGS

NORTH 89°32'44" WEST, BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 81 OF SURVEYS, AT PAGE 44.

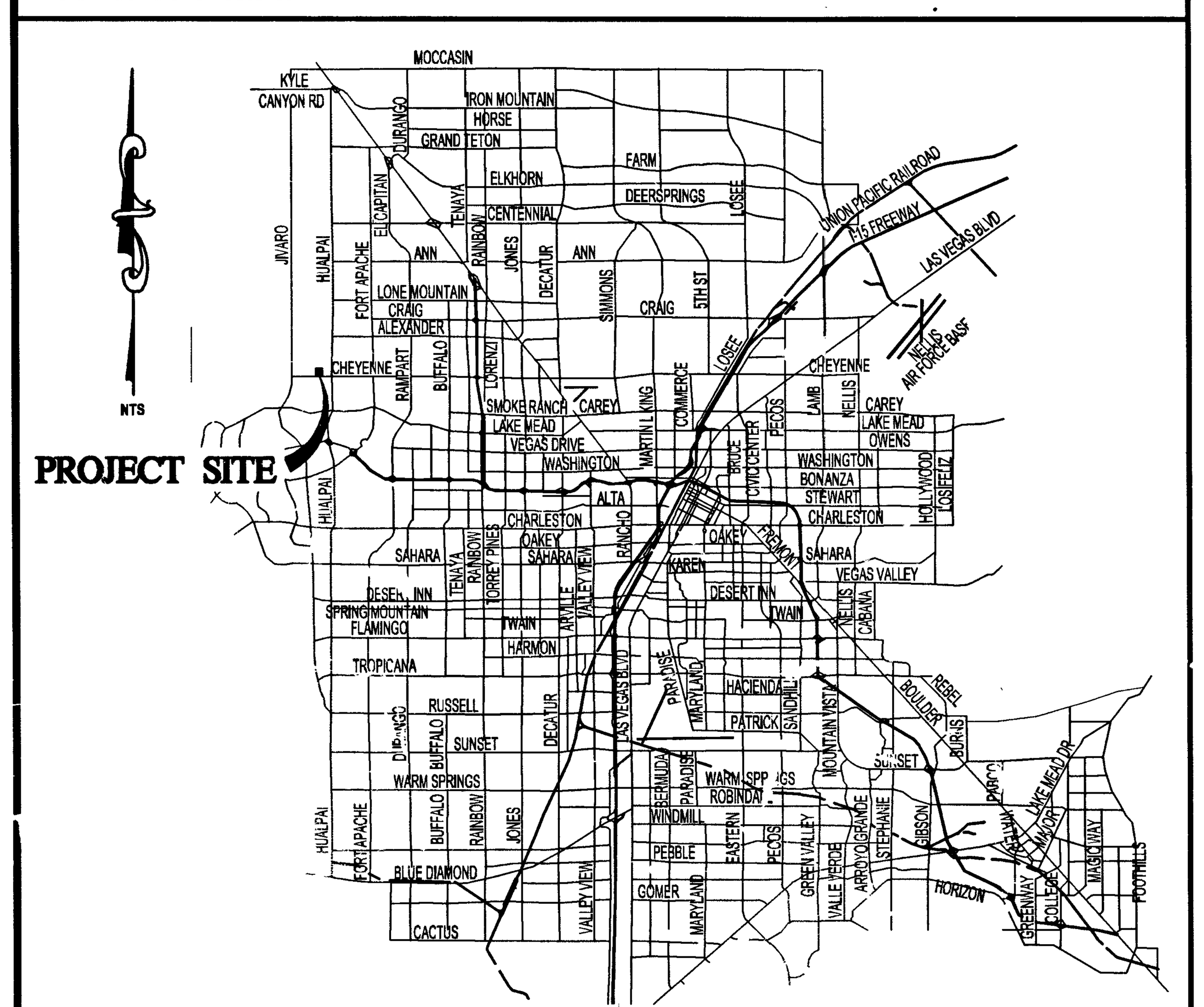
INDEX OF SHEETS

1	C1	COVER SHEET
2	C2	GENERAL NOTES & QUANTITIES
3	G1	GRADING PLAN - NORTH
4	G2	GRADING PLAN - SOUTH
5	R1	RETAINING WALL DIMENSIONS - NORTH
6	R2	RETAINING WALL DIMENSIONS - SOUTH
7	GD1	GRADING SECTIONS & DETAILS
8	GD2	GRADING SECTIONS & DETAILS
9	PP1	GRAYSON LAKE COURT - STA 10+00 TO 16+50
10	PP2	GRAYSON LAKE COURT - STA 16+50 TO 18+00 & STA 22+50 TO 25+00
11	PP3	GRAYSON LAKE COURT - STA: 18+00 TO 22+50
12	PP4	CHEYENNE AVE - STA: 23+00 TO 28+50
13	UT1	UTILITY PLAN - NORTH
14	UT2	UTILITY PLAN - SOUTH
15	UT1	TRAFFIC AND HORIZONTAL CONTROL PLAN - SOUTH
16	TR1	TRAFFIC AND HORIZONTAL CONTROL PLAN - NORTH

INDEX CONTINUED

17 SWG1 SOUTHWEST Gas Sheet 1.
18 SWG2 SOUTHWEST GAS SHEET 2.
19 SWG3 SOUTHWEST GAS SHEET 3.

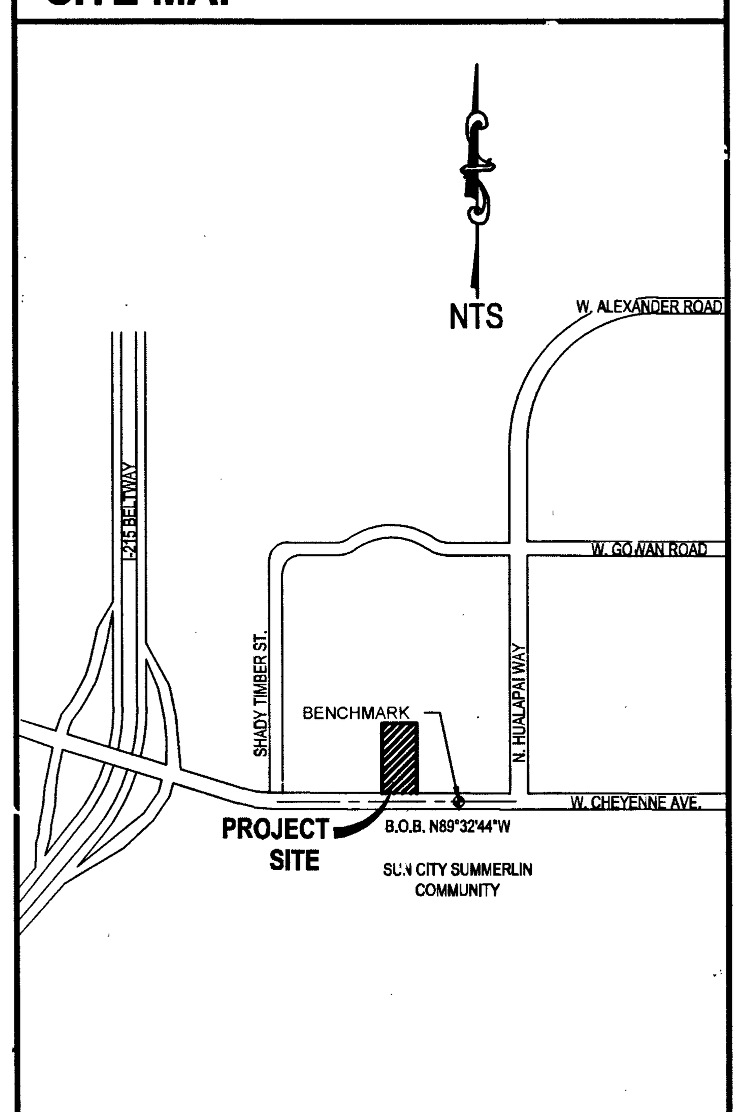
VICINITY MAP



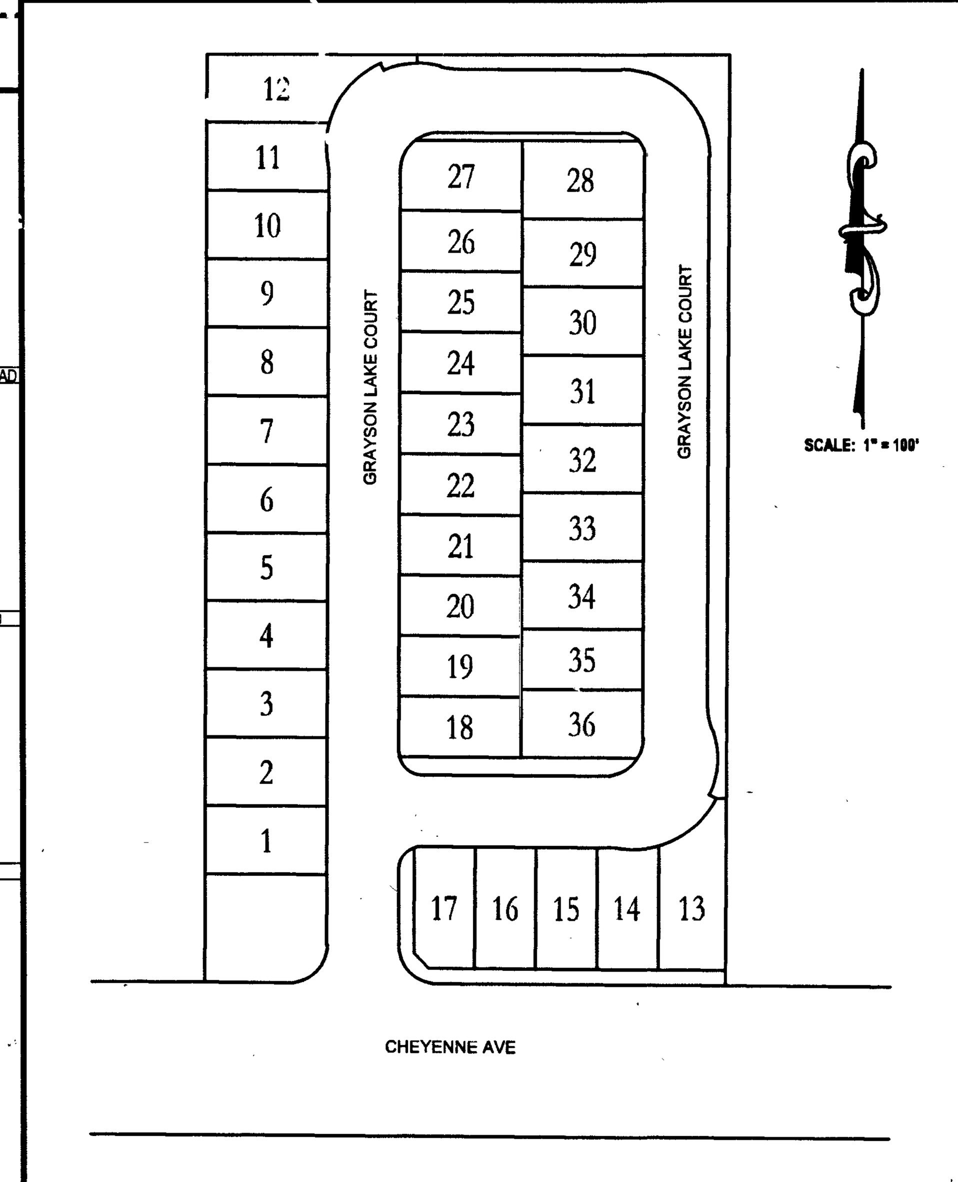
Call Before You Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
CALL
811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

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

SITE MAP



KEY MAP



ABBREVIATIONS

AC	ASPHALTIC CONCRETE
BC	BACK OF CURB
BCR	BACK OF CURB RADIUS
BFE	BASE FLOOD ELEVATION
BFP	BACK FLOW PREVENTOR
BLM	BUREAU OF LAND MANAGEMENT
BM	BENCHMARK
BOB	BASIS OF BEARING
BRPM	BLUE RAISED PAVEMENT MARKER
BVC	BEGIN VERTICAL CURVE
BW	BOTTOM OF EXISTING WALL
CATV	CABLE TELEVISION
CC	CLARK COUNTY
CL	CENTERLINE
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CLV	CITY OF LAS VEGAS
CMP	CORRUGATED METAL PIPE
CNLV	CITY OF NORTH LAS VEGAS
CO	CLEAN OUT, SEWER
COH	CITY OF HENDERSON
CY	CUBIC YARD
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS OF WASTE WATER COLLECTION SYSTEMS
DG	DESIGN GRADE
DI	DROP INLET
DIP	DUCTILE IRON PIPE
EC	END OF CURVE
EG	EXISTING GRADE
ELEC	ELECTRICAL
EP	EDGE OF PAVEMENT
EVC	END VERTICAL CURVE
EX	EXISTING
FF	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FT	FEET
GB	GRADE BREAK
GFF	GARAGE FINISH FLOOR
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
LT	LEFT
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
NO.	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OHE	OVERHEAD ELECTRIC
PB	PULL BOX
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PE	POLYETHYLENE
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PLT	POC POINT OF CONNECTION
PP	POWER POLE
PRC	POINT OF REVERSE CURVE
PROJ	PROJECT
PRV	PRESSURE REDUCING VALVE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
RT	RIGHT
SD	STORM DRAIN
SHT	SHEET
STLT	STREETLIGHT
SNWA	SOUTHERN NEVADA WATER AUTHORITY
SS	SANITARY SEWER
STA	STATION
STD	STANDARD
SVZ	SIGHT VISIBILITY ZONE
SW	SIDEWALK
SY	SQUARE YARD
TC	TOP OF CURB
TELE	TELEPHONE
TF	TOP OF FOOTING
TR	TOP OF RETAINING
TW	TOP OF WALL
TYP	TYPICAL
UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
USD	UNIFORM STANDARD DRAWING
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VG	VALLEY GUTTER
W	WATER
ZC	ZERO LIP CURB

LEGEND

	EXISTING	PROPOSED
DESIGN ELEVATION	(10.00)	10.00
FUTURE ELEVATION		[10.00]
SCARP (SLOPE VARIES)		
CONTOUR (1' INTERVAL)		
CONTOUR (5' INTERVAL)		
DIRECTION OF FLOW		
RETAINING WALL		
CMU WALL		
CENTERLINE		
RIGHT-OF-WAY		
CUT LINE-ASPHALT		
CURB AND GUTTER		
POWER POLE		
SIDEWALK RAMP		
CURB DROP INLET		
STORM DRAIN W/MANHOLE		
SIDEWALK		
PROPERTY LINE		
CUT-FILL LINE		
EDGE OF PAVEMENT		
SIGHT VISIBILITY ZONE		
CAP & 2" BLOW OFF VALVE		
WATERLINE FITTINGS		
GATE VALVE		
FIRE HYDRANT		
SEWER LINE W/MANHOLE		
SEWER LATERAL		
WATER LINE		
WATER LATERAL W/METER		
PRESSURE REDUCING VALVE		PRV
BACKWATER VALVE		BWV
200A SERVICE PEDESTAL		
STREET LIGHT CONDUIT		
F.A.S.T. CONDUIT		
TRAFFIC SIGN		
STOP SIGN W/STREET NAME SIGN		
END OF ROAD SIGN		
100W HPS LUMINAIRE W/11 GA. POLE		
250W HPS LUMINAIRE W/11 GA. POLE		
400W HPS LUMINAIRE W/11 GA. POLE		
COURSES OF RETAINING WALL		

DEVELOPER	OWNER	ENGINEER
ADAVEN HOMES 9112 DOLENTE AVENUE LAS VEGAS, NV 89129 PHONE: (702) 365-8588 FAX: (702) 998-9885	APN: 137-12-801-004 SUMMIT CHEYENNE LLC 10302 W CHEYENNE AVE LAS VEGAS, NV 89129	TANEY ENGINEERING COMPANY 6030 S. JONES BLVD STE #100 LAS VEGAS, NV [illegible]8 PHONE: (702) 362-8844 FAX: (702) 362-8844

APPROVAL SIGNATURES

APPROVED FOR CONSTRUCTION

LAS VEGAS FIRE & RESCUE — DATE 7/8/14

DAVID BOWERS, P.E., P.T.O.E. (P.E.#16736) — DATE 6/4/14
ACTING CITY ENGINEER -- CITY OF LAS VEGAS
APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY, AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARD IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA.

CHRIS KNIGHT, DIRECTOR - BUILDING AND SAFETY DEPARTMENT — DATE 5-3-14
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTME

LVVWD ENGINEERING SERVICES MANAGER (PROJ# 122235) — DATE 7/22/14
SHEETS: C1, C2, PP1, PP2, PP3, PP4, UT1 & UT2

BALTRUSAITIS
COX COMMUNICATIONS LAS VEGAS, INC. — DATE 6/24/14

SOUTHWEST GAS — DATE 7/3/14

DAVID [illegible]
CENTRAL TELEPHONE COMPANY, d/b/a CENTURYLINK — DATE
"THE AFFIXED CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS"

NV ENERGY — DATE
NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

REVISIONS

NO.	DESCRIPTION	SHTS.	APP'D BY	DATE
5	REVISED DETAIL B,G,U,&V TO HAVE A SCREEN WALL	7,8		5/28/15
4	REVISED RET WALLS ON LOT 12, ADDED DETAIL 2, ADDED CMU SCREEN WALL AT WEST SIDE OF ENTRY	3,4,5,6,8		
3	CONNECTED TO EX. CIRCUIT, REM. PULLBOX	16	UTB	4/16/15
2	ADDED TEST STATION	14	SDB	3-16-15
1	REVISED WATERLINES	4,6,9,12,14,16	SDB	3-16-15

ADAVEN HOMES
9112 DOLENTE AVENUE
LAS VEGAS, NV 89129
(702) 263-8200 FAX: (702) 362-8844

TANEY ENGINEERING
6030 S. JONES BLVD STE# 100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-8844

CHEYENNE WEST OF HUALAPAI
A RESIDENTIAL SUBDIVISION
COVER SHEET

REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
ROBERT D. CUNNINGHAM
Exp. 12-31-14
CIVIL
No. 15726
ENGINEER'S SEAL

DATE:	6/19/14
SCALE:	NTS
JOB NO:	ADV-13-004
DESIGNED BY:	SJT
CHECKED BY:	RC
SHEET NAME:	C1
SHEET:	01 OF 16 (01/19)
LVVWD 10745000	122235
CLV	H# 53602

FILE NAME: COVER.DWG