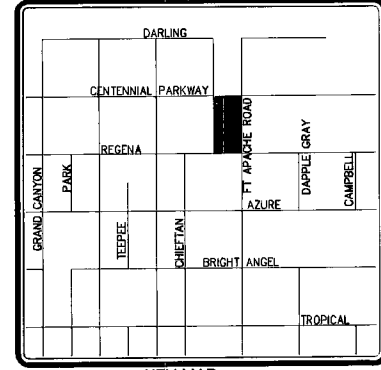
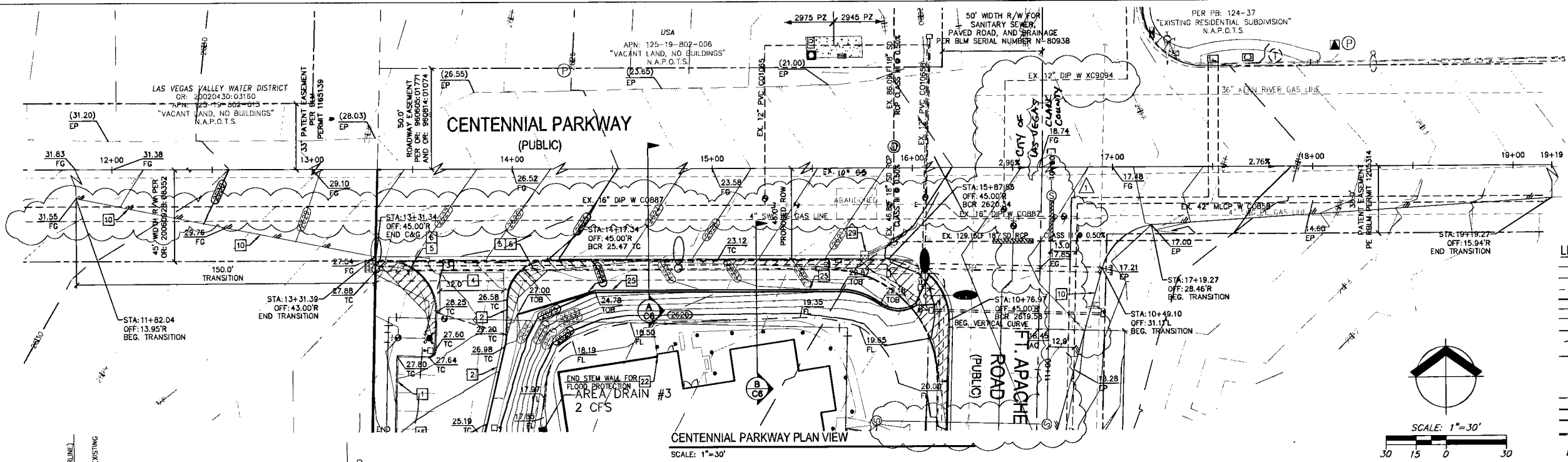
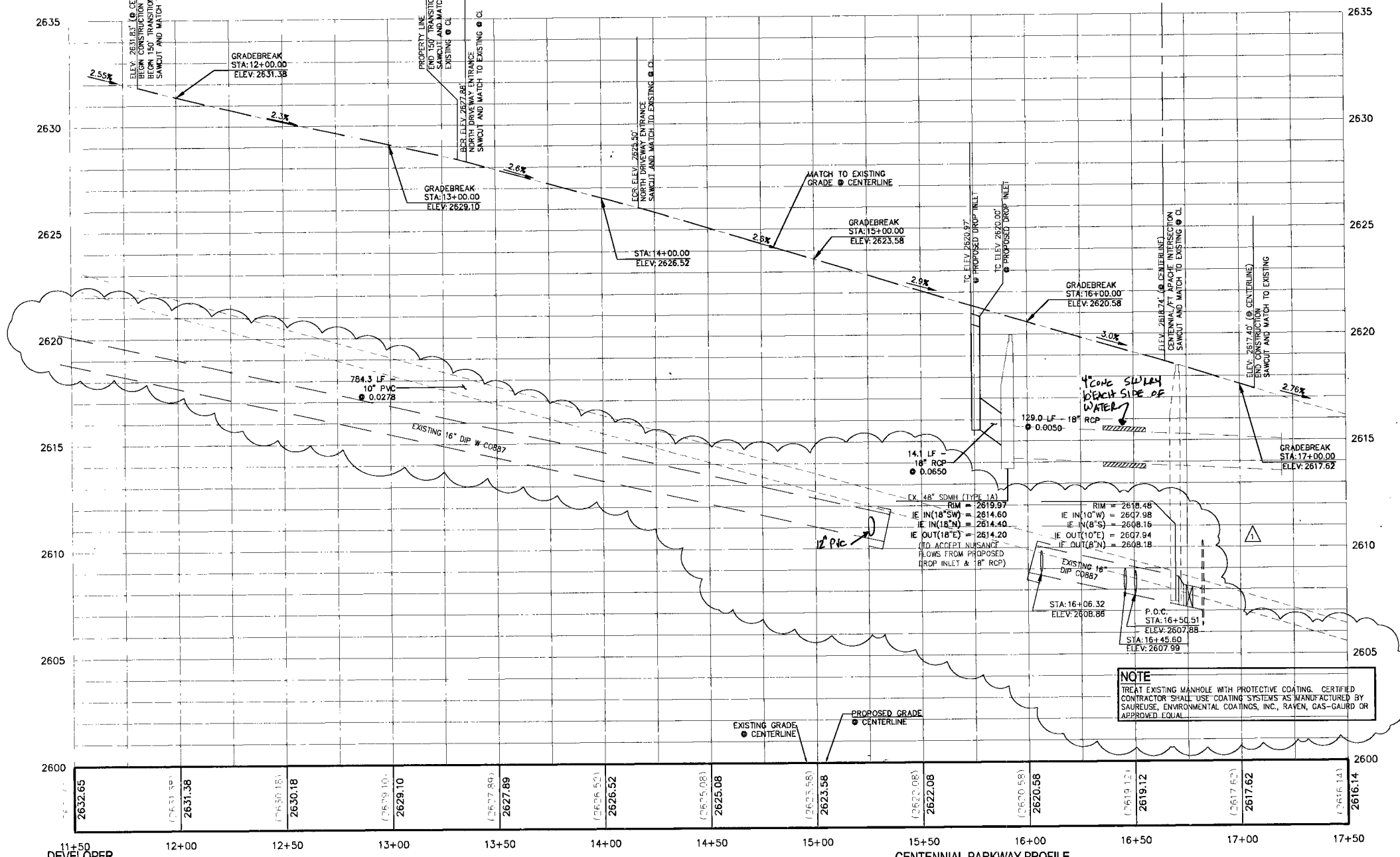
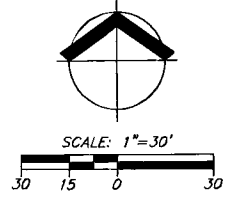




- LEGEND**
- CENTER LINE
 - PROPERTY LINE
 - FUTURE DEVELOPMENT
 - ROW LINE
 - 2500
 - EXISTING 5' CONTOUR
 - 2588
 - EXISTING 1' CONTOUR
 - PROPOSED GRADE BREAK
 - PROPOSED CUT/FILL TRANSITION LINE
 - PROPOSED FLOW LINE
 - PROPOSED SAWCUT LINE
 - EDGE OF PAVEMENT
 - UNDERGROUND GARAGE (PER ARCH)
 - ARCH GARAGE WALL
 - SCREEN WALL
 - PROPOSED RETAINING WALL
 - SECTION MARKER-DETAIL NUMBER ABOVE SHEET NUMBER



- GRADING CONSTRUCTION NOTES:**
- CONSTRUCT A-CURB PER CCAUSD #219.
 - CONSTRUCT L-CURB PER CCAUSD #216.
 - INSTALL 8" CROSS GUTTER PER USD #228
 - CONSTRUCT COMMERCIAL DRIVEWAY PER USD #222A AND #225. (WIDTH PER PLAN)
 - CONSTRUCT 5" SIDEWALK PER USD #234.
 - CONSTRUCT SIDEWALK RAMP USING TRUNCATED DOMES OR EQUIVALENT PER USD #235, CASE I. (SEE PLAN FOR "A" AND "B").
 - CONSTRUCT 2" AC ON 4" TYPE II PER SOILS REPORT IN PARKING AREAS. SEE DETAIL N/C8.
 - CONSTRUCT 3" AC ON 4" TYPE II PER SOILS REPORT IN DRIVE AISLES. SEE DETAIL N/C8.
 - EXISTING EDGE OF PAVEMENT
 - PROPOSED EDGE OF PAVEMENT
 - SAWCUT AND REMOVE MATCH EXISTING AC PER USD #202.1
 - 2" WIDE CONCRETE VALLEY GUTTER PER DETAIL P/C6.
 - CONSTRUCT 2" WIDE "U" CHANNEL PER DETAIL R/C6.
 - INSTALL SCREEN WALL PER PLANS
 - CONSTRUCT RETAINING WALL PER CLARK COUNTY STANDARD B10.1 OR EQUAL.
 - SVZ PER USD #201.2; SEE C9 FOR DIMENSIONS
 - PROPOSED TRASH ENCLOSURE. SEE ARCHITECTURAL PLANS FOR DETAILS
 - SEE DETAIL SHEET C4 FOR RETAINING WALL DESIGNS
 - INSTALL 12" PVC STORM DRAIN
 - INSTALL 2" AREA DRAINS PER DETAIL U/C6; SEE PLAN FOR ELEVATIONS
 - INSTALL 48" TYPE II MANHOLE PER USD #405
 - GROUT SCREEN WALL 2 COURSES ABOVE FINISH GRADE
 - INSTALL SIDEWALK UNDERDRAIN PER USD #236
 - INSTALL 6" STEPS PER PLAN
 - CONSTRUCT PROTECTIVE BERM PER PLAN
 - CONSTRUCT HEADWALL PER PLANS SEE DETAIL K/C5
 - CONSTRUCT WALL OPENING PER DETAIL X/C5
 - INSTALL 6" TYPE II LINING TO 95% COMPACTION
 - INSTALL 4" TYPE "C" DROP INLET PER USD #413
 - INSTALL PAD FOR MEDICAL OXYGEN STORAGE TANKS
 - INSTALL FENCE PER ARCHITECTURAL PLANS

WATER MAIN JOINT DEFLECTION (PVC: 4"-24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDCS 2.06.01 AND 2.06.02.

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

NOTE:

INSTALL PIPE LINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

NOTE

TREAT EXISTING MANHOLE WITH PROTECTIVE COATING. CERTIFIED CONTRACTOR SHALL USE COATING SYSTEMS AS MANUFACTURED BY SAUREUSE, ENVIRONMENTAL COATINGS, INC., RAVEN, GAS-GUARD OR APPROVED EQUAL.

APPROVAL:

1st APP'D 8-4-09

LAS VEGAS VALLEY WATER DISTRICT

PROJECT U57995

ACKNOWLEDGEMENT:

I CERTIFY THAT THIS GRADING PLANS CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT CLARK COUNTY. (HTE#08-18542)

SEPTEMBER 23, 2009

ROBERT HARMISMA, PE

Call before you Overhead

Call before you Dig

Call before you UnderGround

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DEVELOPER

MARQUIS COMPANIES I, INC.

4560 SE INTERNATIONAL WAY #100

MILWAUKEE, OREGON 97222

PHONE: (503)-206-2330

CIVIL ENGINEER

WRE DESIGN, INC.

ATTN: DAVID LONDON II

3011 W. HORIZON RIDGE PKWY #100

HENDERSON, NEVADA 89052

PHONE: (702)-990-8300

FAX: (702)-990-8305

LEGAL DESCRIPTION:

THE EAST HALF (E 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

DEED REFERENCE: BOOK 20080519, INSTRUMENT: 02519, IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER.

BENCHMARK:

CLARK COUNTY STATION BLV90 29NNW6.

CITY OF LAS VEGAS PIN AND ROUND PLATE IN CONCRETE WALL FOOTING, SOUTHEAST CORNER OF CENTENNIAL PARKWAY AND CAMPBELL ROAD.

ELEVATION: FEET = 2578.16' (NAVD88)

METERS = 785.825 M (NAVD88)

BASIS OF BEARINGS:

SOUTH 89°45'46" EAST, BEING NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA; AND BEING A PORTION OF THE CENTERLINE OF CENTENNIAL PARKWAY AS SHOWN BY MAP IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN BOOK 136, PAGE 88 OF PLATS.

GRADING NOTE:

1) ALL GRADING SHALL CONFORM TO GEOTECHNICAL REPORT BY GEOTECHNICAL & ENVIRONMENTAL SERVICES INC. DATED: NOVEMBER 28, 2007. PROJECT #007226551.

2) ENTIRE SITE IS LOCATED IN ZONE "X", PER FIRM MAP #32003C1745E

FLOOD ZONE DESCRIPTION:

THIS SITE IS LOCATED IN ZONE "X". AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, PER THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL 32003C1745 E. CLARK COUNTY, NEVADA DATED SEPTEMBER 27, 2002.

FLOOD DESIGNATION PROVIDED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).

Cardno WRG

LAS VEGAS

10840 JEFFERSON ST. HENDERSON, NV 89052

TEL: (702) 890-8300 FAX: (702) 890-8305

WWW.CARDNO.COM

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CENTENNIAL PARKWAY PLAN & PROFILE

CENTENNIAL/FT. APACHE SKILLED NURSING

MARQUIS COMPANIES I, INC.

CLARK COUNTY, NEVADA

PROFESSIONAL ENGINEER STATE OF NEVADA

ROBERT HARMISMA

EX. 063011

NO. 2655

SEP 23, 2009

DATE: 4/01/08

DRAWN: JER

DESIGNED: JER

CHECKED: DML

PROJECT #: MAQ3087973.00

SHEET TITLE: CENTENNIAL

SHEET NUMBER: C12

LAND USE: ###