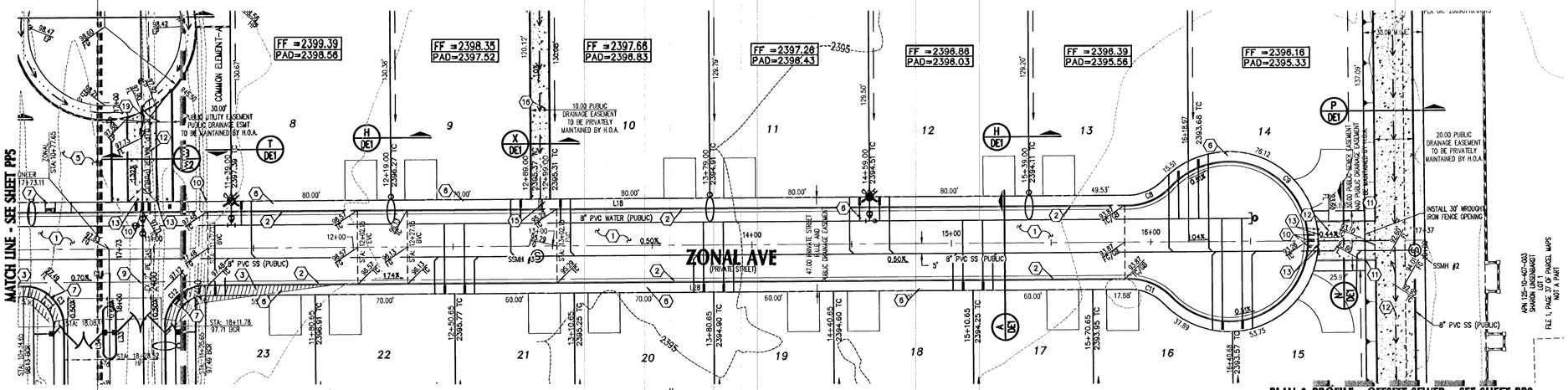
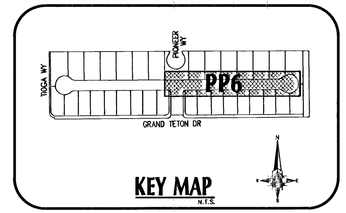


PLAN & PROFILE - OFFSITE SEWER - SEE SHEET PP9



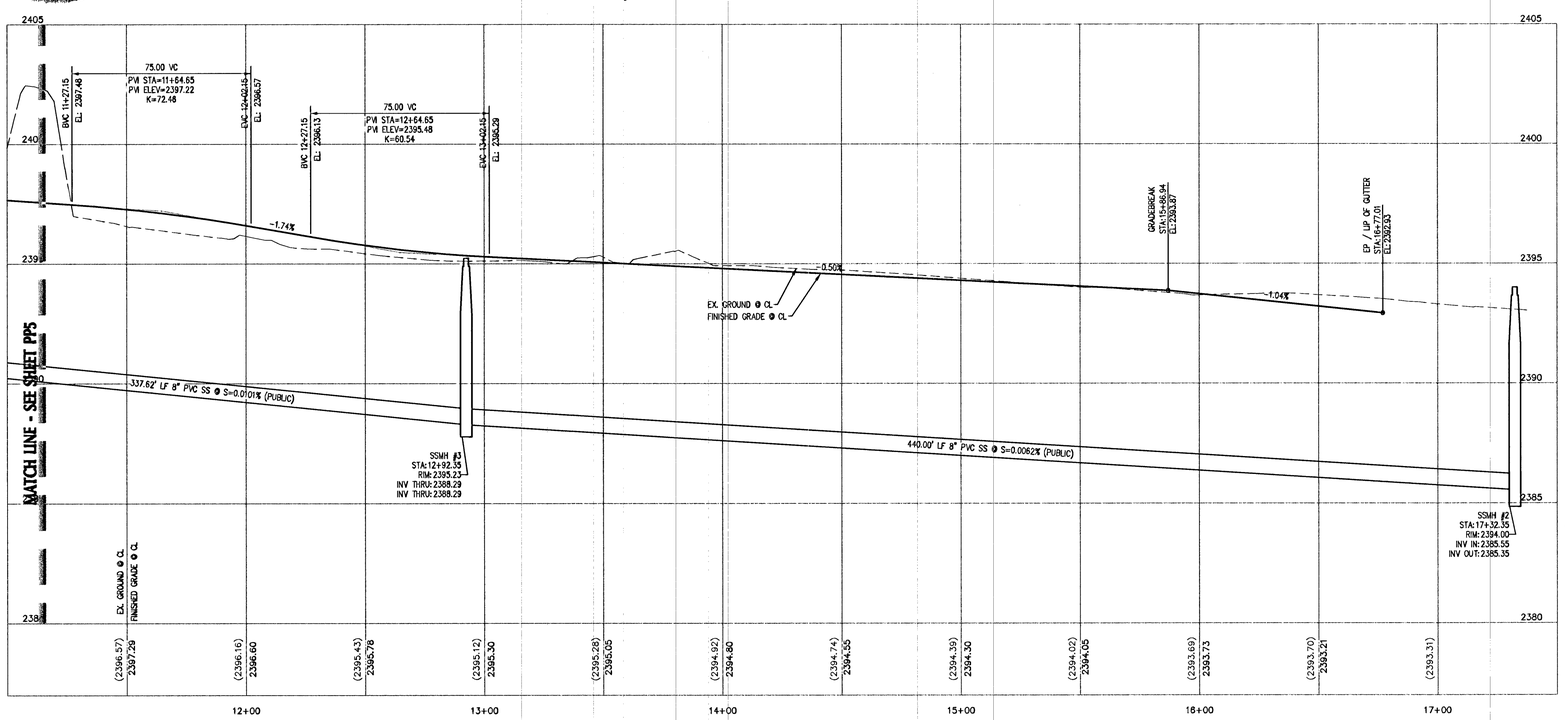
KEY MAP

N.T.S.

SCALE: 1" = 30'

ZONAL AVE (PRIVATE) - PLAN VIEW

SCALE: 1"=30'



ZONAL AVE (PRIVATE) - PROFILE VIEW

HORIZONTAL SCALE: 1"=30'
VERTICAL SCALE: 1"=3'

CONSTRUCTION NOTES:

1. INSTALL AC PAVEMENT OVER TYPE II AGG. BASE PER DETAIL "D" SHEET DE2
2. INSTALL 2' "L" TYPE CURB & GUTTER PER CCAUSD #218
3. HATCHED AREA DENOTES SIGHT VISIBILITY ZONE PER CCAUSD #201.2
4. SAWCUT AND MATCH EXISTING ELEVATION, CONTRACTOR TO VERIFY
5. INSTALL LANDSCAPING PER LANDSCAPE PLANS
6. INSTALL 5' WIDE, 4" THICK CONCRETE SIDEWALK PER CCAUSD #234
7. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD NO. 233, CASE 1 A=8.0', B=8.0' UNLESS OTHERWISE NOTED
8. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD NO. 233, CASE 2 A=8.0', B=8.0' UNLESS OTHERWISE NOTED
9. INSTALL 8' CONCRETE VALLEY GUTTER PER CCAUSD #228
10. INSTALL SIDEWALK UNDERDRAIN PER CCAUSD #238
11. PLACE DUAL DECORATIVE CMU DRAIN BLOCK AT GRADE
12. CONSTRUCT FLUME PER DETAIL "I" SHEET DE1
13. INSTALL REMOVABLE BOLLARDS PER DETAIL "Z" SHEET DE1
14. CONSTRUCT "A" TYPE CURB PER CCAUSD #219
15. CONSTRUCT 2' SIDEWALK DRAIN PER CCAUSD #238
16. INSTALL 20' TYPE "CM" DROP INLET WITH 8 GRATES PER CCAUSD #421 & DETAIL SHEET DE2
17. CONSTRUCT 4' BLOCK WALL OPENING PER DETAIL "J" SHEET DE1
18. REMOVE EXISTING MEDIAN CURB, PROPOSED CURB TO MATCH EXISTING ELEVATION
19. INSTALL WROUGHT IRON GATE PER CITY OF LAS VEGAS STANDARD DRAWING 421B, SHEET DE2
20. INSTALL CURB OPENING PER DETAIL "G" SHEET DE2

LEGEND

- PROPOSED PAVEMENT
- PROPERTY LINE
- SCARP
- RETAINING WALL
- EXISTING CHAIN LINK FENCE
- RATE — FLOW RATE/DIRECTION
- 2090 — NAT. GRND CONTOUR
- EXISTING CURB
- EXISTING STREETLIGHT
- EXISTING MANHOLE
- EXISTING UTILITY BOXES
- EXISTING POWER POLE
- PROPOSED GRADE TAG
- EXISTING GRADE TAG
- PROPOSED CONSTRUCTION NOTE

NOTE:

SEE SHEETS DE1 FOR TOTAL PROJECT QUANTITIES AND GENERAL NOTES.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD

1-702-227-2929

FAST

Call before you UnderGround

1-702-432-5300

FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Call before you Dig

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

Call 811 or 1-800-227-2600

BASIS OF BEARINGS

NORTH 84°40'02" EAST BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 10, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK

BENCHMARK

BENCHMARK STATION: BLV90 10SSW8

CITY OF LAS VEGAS RIVET AND PLATE IN CONCRETE CYLINDER, AT THE NORTHWEST CORNER OF GRAND TETON DRIVE AND PIONEER WAY.

ELEVATION=730.741 METERS (NAVD'88)
ELEVATION=2397.44 U.S. SURVEY FEET (NAVD-88)

GENERAL NOTES

1. SEE PARCEL MAP FOR EXACT BEARINGS AND DISTANCES.
2. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
3. ALL GRADING WORK TO CONFORM TO SOILS REPORT AS PREPARED FOR THIS PROJECT.
4. CONTRACTOR SHALL REMOVE EXCESS DEBRIS AND VERIFY WALL FOOTING ELEVATION PRIOR TO CONSTRUCTION, REPORT DISCREPANCIES TO ENGINEER IMMEDIATELY.

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 UDACS 2.07.01 AND 2.07.02.

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

UTILITY NOTES:

1. ADVANTAGE CIVIL DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY.
2. ALL WATER FACILITIES CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
3. WATER AND SEWER SERVICE LATERALS SHALL BE INSTALLED A MINIMUM OF FOURTY-EIGHT (48) INCHES APART IN SEPERATE TRENCHES. WATER LATERALS SHALL BE A MINIMUM OF TWELVE (12) INCHES ABOVE THE SEWER LATERAL (REF. UDACS 2.17.01.D)
4. GATE VALVES SHALL NOT BE LOCATED IN STREET GUTTERS, VALLEY GUTTERS, OR IN DRIVEWAYS PER UDACS FOR WATER DISTRIBUTION STANDARDS SECTION 2.11.01.E.
5. ALL SEWER AND STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSING AND CLEARANCES.
6. SOME LOTS MAY HAVE WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE). PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI.

SOILS NOTE:

FOR SOILS INFORMATION, REFERENCE SOILS STUDY
BY: ANGLE ENGINEERING
PROJECT NUMBER: 26157-1
DATED: AUGUST 19, 2013

FOR LINE & CURVE TABLE SEE SHEET PP1

CLV #54192 10745002

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CONSULTING
CIVIL ENGINEERING

REGISTERED PROFESSIONAL ENGINEER - STATE OF NEVADA
JOHN RANDALL GRIFFITH
CITY OF LAS VEGAS
EXP. 12/31/14
CIVIL
No. 10000

PLAN & PROFILE - ZONAL 2

VERONA ESTATES
RICHMOND AMERICAN HOMES OF NV

NO.	DATE	REVISIONS DESCRIPTION	BY

JOB NUMBER: 63-001
DRAWN BY: MK
DESIGNED BY: BGD
CHECKED BY: JRM
DATE: 8/2014

PP6 — 14 / 20

cdsuffix PLOT DATE: 08-29-14 PLOT TIME: 08:20:31 DWG PATH: K:\Richmond\Grassough Heights\Dwg\Map\63-001 PKP.dwg