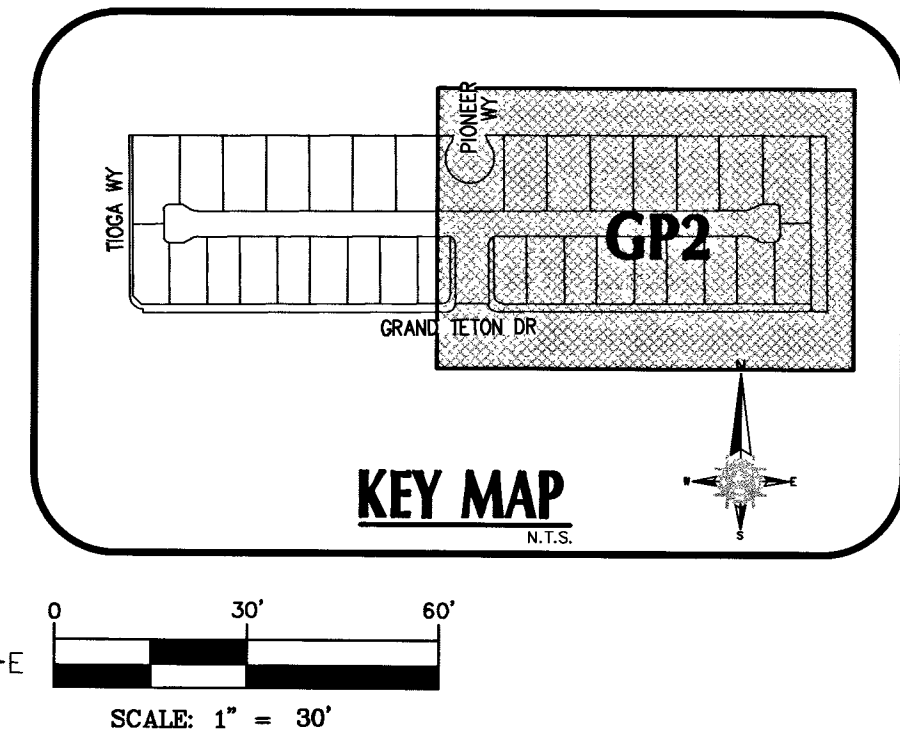
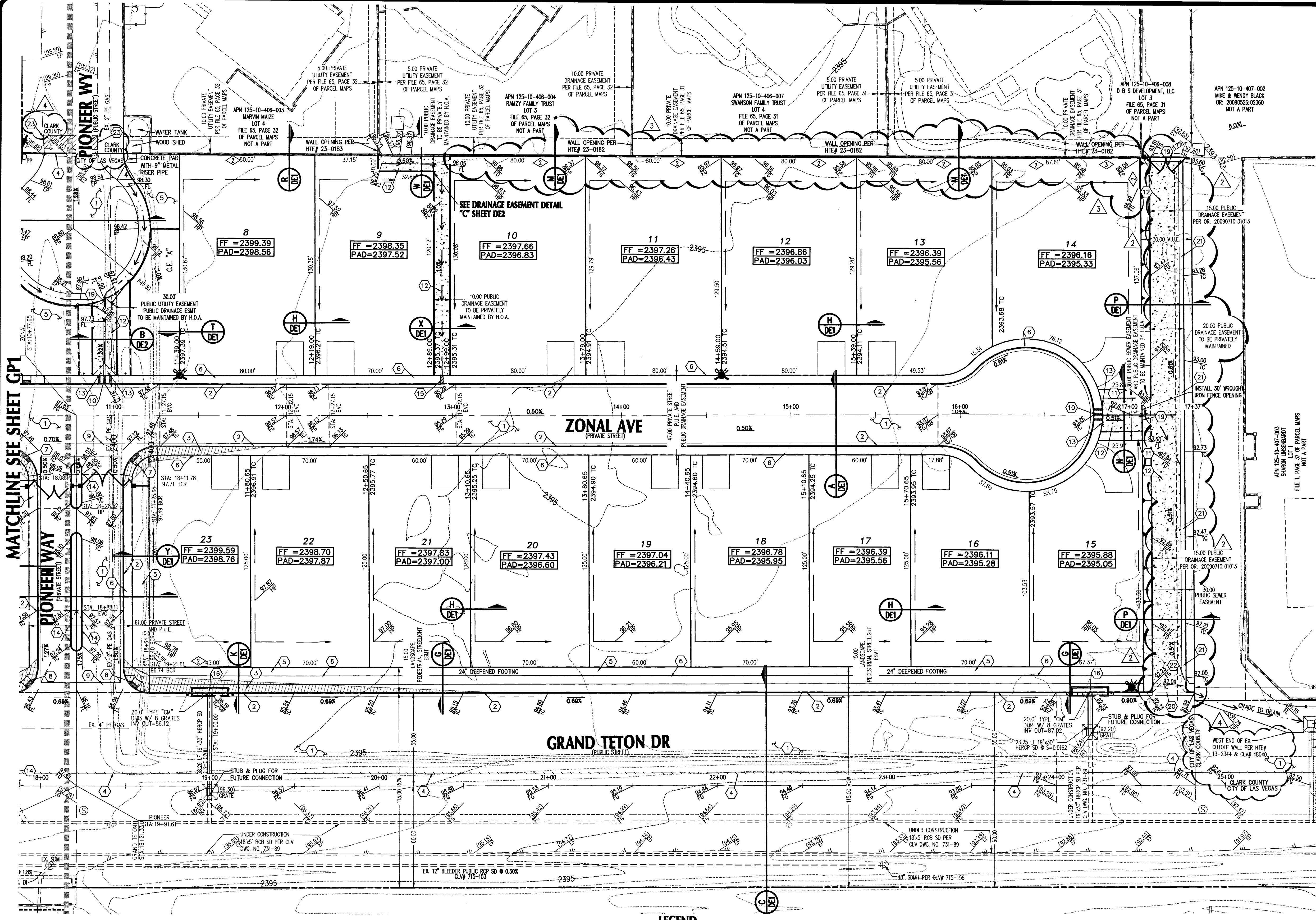




- ### CONSTRUCTION NOTES
1. INSTALL AC PAVEMENT OVER TYPE II AGG. BASE PER DETAIL "D" SHEET DE2
 2. INSTALL 2" L TYPE CURB & GUTTER PER CAUSAD #216
 3. HATCHED AREA DENOTES SIGHT VISIBILITY ZONE PER CAUSAD #201.2
 4. SAWCUT AND MATCH EXISTING ELEVATION, CONTRACTOR TO VERIFY
 5. INSTALL LANDSCAPING PER LANDSCAPE PLANS
 6. INSTALL 5" WIDE, 4" THICK CONCRETE SIDEWALK PER CAUSAD #234
 7. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CAUSAD NO. 235, CASE 1 A=8.0', B=8.0' UNLESS OTHERWISE NOTED
 8. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CAUSAD NO. 235, CASE 2 A=8.0', B=8.0' UNLESS OTHERWISE NOTED
 9. INSTALL 8" CONCRETE VALLEY GUTTER PER CAUSAD #226 AND #23
 10. INSTALL SIDEWALK UNDERDRAIN PER CAUSAD #236
 11. PLACE DUAL DECORATIVE CMU DRAIN BLOCK AT GRADE
 12. CONSTRUCT FLUME PER DETAIL "1" SHEET DE1
 13. INSTALL REMOVABLE BOLLARDS PER DETAIL "2" SHEET DE1
 14. CONSTRUCT "A" TYPE CURB PER CAUSAD #219
 15. CONSTRUCT 2" SIDEWALK DRAIN PER CAUSAD #236
 16. INSTALL 20" TYPE "CM" DROP INLET WITH 8 GRATES PER CAUSAD #421 & DETAIL SHEET DE2
 17. CONSTRUCT 4" BLOCK WALL OPENING PER DETAIL "3" 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 DRIVEWAY PER CAUSAD #226
 21. INSTALL 30 INCH ROLL CURB PER CAUSAD #217.51
 22. CONSTRUCT 5" TRANSITION FROM "L" CURB TO ROLL CURB PER DETAIL "C" SHEET DE2
 23. TRENCH AND PAVEMENT RESTORATION PER CAUSAD #500.4 AND #503

NOTE:

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.

SOILS NOTE:

FOR SOILS INFORMATION, REFERENCE SOILS STUDY BY: ANGLE ENGINEERING PROJECT NUMBER: 26151-1 DATED: AUGUST 19, 2013

LEGEND

FL	FLOW LINE
GB	GRADE BREAK
GRND	NATIVE GROUND
HERCP	ELLIPTICAL REINFORCED CONCRETE PIPE
HP	LOT HIGH POINT
M.U.E	MUNICIPAL UTILITY EASEMENT
PL	PROPERTY LINE
P.S.	PRIVATE STREET
P.U.E	PUBLIC UTILITY EASEMENT
R.O.P	REINFORCED ELLIPTICAL CONCRETE PIPE
R/W	RIGHT OF WAY
SVZ	SIGHT VISIBILITY ZONE
TC	TOP OF CURB
TF	TOP OF FOOTING
TFW	TOP OF FLOOD WALL
TRW	TOP OF RETAINING WALL
VG	VALLEY GUTTER
FF	FINISH FLOOR
FG	FINISH GRADE

RETAINING WALL SCHEDULE

# OF COURSES	RETAINING HEIGHT
1	0.0 UP TO 0.7'
2	0.0 UP TO 1.3'
3	0.0 UP TO 2.0'
4	0.0 UP TO 2.7'
5	0.0 UP TO 3.3'
6	0.0 UP TO 4.0'
7	0.0 UP TO 4.7'
8	0.0 UP TO 5.3'
9	0.0 UP TO 6.0'

PRELIMINARY DRAINAGE QTY.

ITEM	QTY
VALLEY GUTTER CONCRETE	1,800 SF
10" WIDE CONCRETE DRAINAGE FLUME	330 LF
15" WIDE CONCRETE DRAINAGE FLUME	45 LF
20" WIDE CONCRETE DRAINAGE FLUME	330 LF
19"x30" HERCP STORM DRAIN	115 LF
20" TYPE "CM" DROP INLET W/ 8 GRATES	4 EA

NOTE:

ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

DRAINAGE CERTIFICATION

BRANDON G. DOTY, P.E. # 20002

I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE CITY OF LAS VEGAS DRAINAGE REQUIREMENTS. #DS4673 AND CLARK COUNTY HTE #13-46531

NOTE:

PROVIDE STORM WATER MANAGEMENT STAMP AND SIGN PER USDOCA STD. DWG 421 ON PROPOSED DROP INLETS

NOTE:

NO WALLS, FENCES, TREES, SHRUBS UTILITY APPLIANCES OR ANY OTHER OBJECT OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTING, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVED STREET SURFACE.

NOTE:

THIS OPINION OF THE CUT AND FILL QUANTITIES IS PROVIDED AS REQUIRED BY COUNTY OF CLARK REQUIREMENTS. THIS INFORMATION SHOULD NOT BE USED FOR BIDDING PURPOSES. ALL CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES.

BASIS OF BEARINGS

NORTH 84°40'02" EAST BEING THE BEARING OF THE SOUTH LINE 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 1055W6

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

ELEVATION=730.741 METERS (NAV80)
ELEVATION=2397.44 U.S. SURVEY FEET (NAV80-88)

FAST

Call before you Dig

Call 811 before you UnderGround

1-702-227-2929 1-702-432-5300 1-800-227-2600

NOTE:

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.

CALL BEFORE YOU DO OVERHEAD

NOTE:

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

NOTE:

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

ADVANTAGE CIVIL DESIGN GROUP, LLP

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Fax: 702.492.2224
Email: wal@advantagecivil.com

PLANNING
CIVIL ENGINEERING

GRADING PLAN 2

VERONA ESTATES

RICHMOND AMERICAN HOMES OF NV

NO.	DATE	REVISIONS	DESCRIPTION	BY
1	3/7/15		ADD FENCE, DRIVEWAY, 30" ROLL CURB AND TRANSITION	VB
2	5/15/15	REVISED	REMOVE BOLLARDS AND BLOCK WALL	VB
3	6/17/15		ADDED JURISDICTION DELINEATIONS DUE TO CLARK COUNTY REQUIREMENTS. ADDED EXISTING LIMITS OF CUT OFF WALL. ADDED REQUIREMENTS FOR STORM DRAIN AND STORM DRAIN AND REUSE SLOPE DUE TO CLARK COUNTY REQUIREMENTS	VB

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

GP2

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