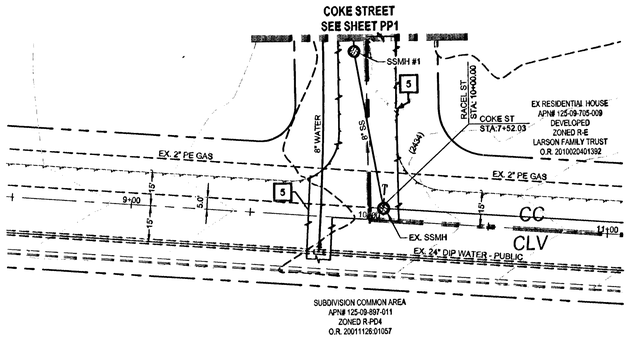
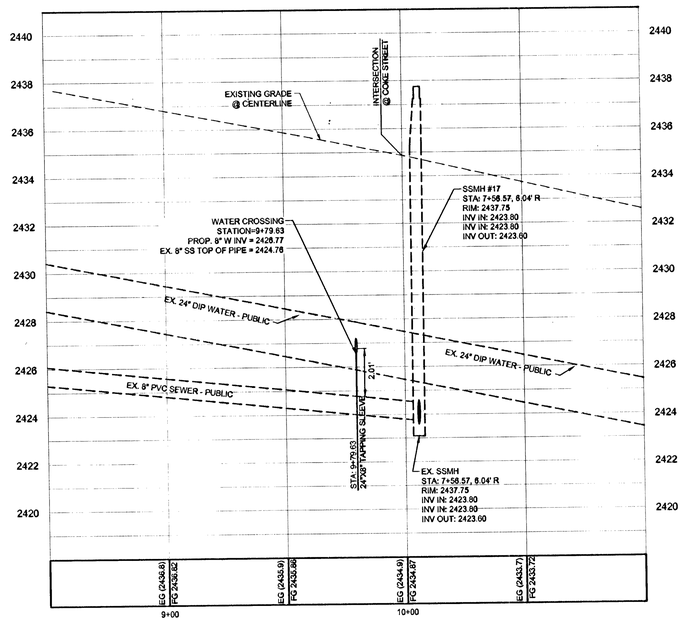


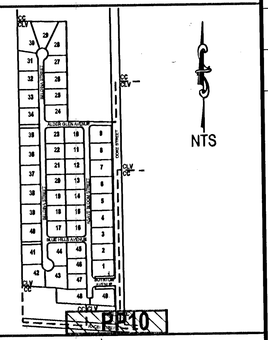
RACEL STREET - PLAN



RACEL STREET - PROFILE

SCALE: 1"=30' HORIZ., 1"=3' VERT.

KEY MAP



CONSTRUCTION NOTES

1. 30" ROLL CURB PER CCAUSD #217A
2. CONSTRUCT 3' WIDE FLUME (PER DETAIL DD SHEET GD3)
3. L TYPE CURB PER CCAUSD #216
4. CONSTRUCT SIDEWALK UNDER DRAIN PER CCAUSD #236
5. SAWCUT & MATCH EXISTING AC PAVEMENT PER CCAUSD #500.4, 500.5 & 503
6. 3.0" AC W/ 9.5" TYPE II AGGREGATE BASE
7. 2.0" AC W/ 8.5" TYPE II AGGREGATE BASE
8. WROUGHT IRON EMERGENCY GATE PER DETAIL GG ON SHEET GD3
9. 8' CROSS GUTTER PER CCAUSD #228
10. CONSTRUCT SIDEWALK RAMP CASE I (PER CCAUSD #235, A=8', B=8')
11. CONSTRUCT 5' SIDEWALK PER CCAUSD #234
12. CONSTRUCT 2' WIDE CONCRETE BAND (PER DETAIL G SHEET GD1)
13. INSTALL PAVERS OVER 9" TYPE II AGGREGATE BASE
14. CONSTRUCT WROUGHT IRON FENCE (PER DETAIL HH SHEET GD3)
15. 10' VALLEY GUTTER TRANSITION (PER DETAIL EE SHEET GD3)
16. CONSTRUCT 10' CONCRETE VALLEY GUTTER (PER DETAIL CC SHEET GD3)
17. REMOVE AND REPLACE EXISTING 8' VALLEY GUTTER AT STREET CENTERLINE
18. EXISTING POWER POLE TO BE RELOCATED UNDERGROUND
19. EMERGENCY ACCESS CONCRETE DRIVEWAY WITH DEPRESSED CURB (PER CCAUSD #220)
20. EXISTING STRUCTURES TO BE REMOVED
21. CONSTRUCT 10' TRANSITION FROM 30" ROLL CURB TO 24" L- TYPE CURB (PER DETAIL II SHEET GD3)
22. CONSTRUCT CURB CUT (PER DETAIL FF SHEET GD3)
23. EXISTING POWER POLE TO BE PROTECTED IN PLACE
24. A TYPE CURB (PER CCAUSD #219)

GRADING NOTES

COMPLETION OF SECTION II OF DRAINAGE COMPLIANCE REPORT REQUIRED.

ADD 2400 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH FLOOR IS DETERMINED FROM THE MINIMUM THICKNESS REQUIRED PER THE GEOTECHNICAL REPORT. FINISH FLOORS MAY INCREASE DEPENDING ON THE TYPE OF SOIL AND FOUNDATION PLAN USED. NOTE THAT THE STRUCTURAL PLANS & GEOTECHNICAL REPORT SHALL SUPERSEDE THE CIVIL IMPROVEMENT PLANS.

ALL PRIVATE STREETS AND DRAINAGE EASEMENTS ARE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION (H.O.A.).

ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENTS HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CLARK COUNTY.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

GEOTECHNICAL

GEOTEK RESIDENTIAL, LLC
6835 ESCONDIDO STREET, SUITE B
LAS VEGAS, NEVADA 89119
702-897-1424

PROJECT NO: 6464-LVRI
DATE: 05/07/2010
UPDATED DATE: 12/12/13

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

SCALE

30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

LEGAL DESCRIPTION

SOUTHEAST QUARTER (SE 1/4) OF SECTION 9, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. CLARK COUNTY, NEVADA

BASIS OF BEARINGS

SOUTH 89°23'29" EAST, BEING THE BEARING OF THE NORTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 9, TOWNSHIP 19 SOUTH, RANGE 60 EAST, AS SHOWN BY MAP THEREOF ON FILE IN BOOK 118, PAGE 40 OF PLATS IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "6LV90 9E4", BEING A CITY OF LAS VEGAS RIVET AND ROUND PLATE IN TOP OF CURB ON THE EAST SIDE OF COKE STREET, 35 ± MILES NORTHEAST OF P.I. OF HORSE DRIVE AND COKE STREET
ELEVATION: 2437.32 (FEET)
742.897 (METERS)

VERTICAL CONTROL BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW

Acceptance of plans for filing

By _____ 01/23/15

Acceptance of these plans for filing shall not be construed to be a permit for or an approval of any violation of any of the provisions of the state or county laws and/or specifications. Clark County shall be held free from damages which may result from the construction of the improvements from the engineering design depicted herein

Note: Power poles and/or other existing facilities not in proper location based on proposed improvements shown hereon will be relocated at no expense to Clark County.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
12/22/14 PROJECT NO. 116884

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 MAXIMUM 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, FITTING SHALL BE USED.

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

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

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

NO.	DESCRIPTION	SHTS.	APPR.	DATE

REVISIONS

WILLIAM LYON HOMES
500 PILOT ROAD, STE #G
LAS VEGAS, NV 89119
(702) 263-3000 FAX: (702) 263-8220

TANEY ENGINEERING
6030 S. JONES BLVD STE# 100
LAS VEGAS, NV 89118
(702) 362-8844 FAX: (702) 362-0233

HORSE AND COKE
A RESIDENTIAL SUBDIVISION

PLAN & PROFILE
RACEL STREET
AGAVE BLOOM STREETSTA: 9+50 TO 11+00

REGISTERED PROFESSIONAL ENGINEER ROBERT D. CUNNINGHAM Exp. 12-31-14 CIVIL No. 15726 STATE OF NEVADA
11/25/14
ENGINEER'S SEAL

DATE:	11/25/14
SCALE:	1"=30'
JOB NO:	WLL-07-054
DESIGNED BY:	AKE
CHECKED BY:	RRC
SHEET NAME:	PP10
SHEET:	19 OF 29
HTE #	1074 5018
CLV #	55549

FILE NAME: PP-RACEL.DWG