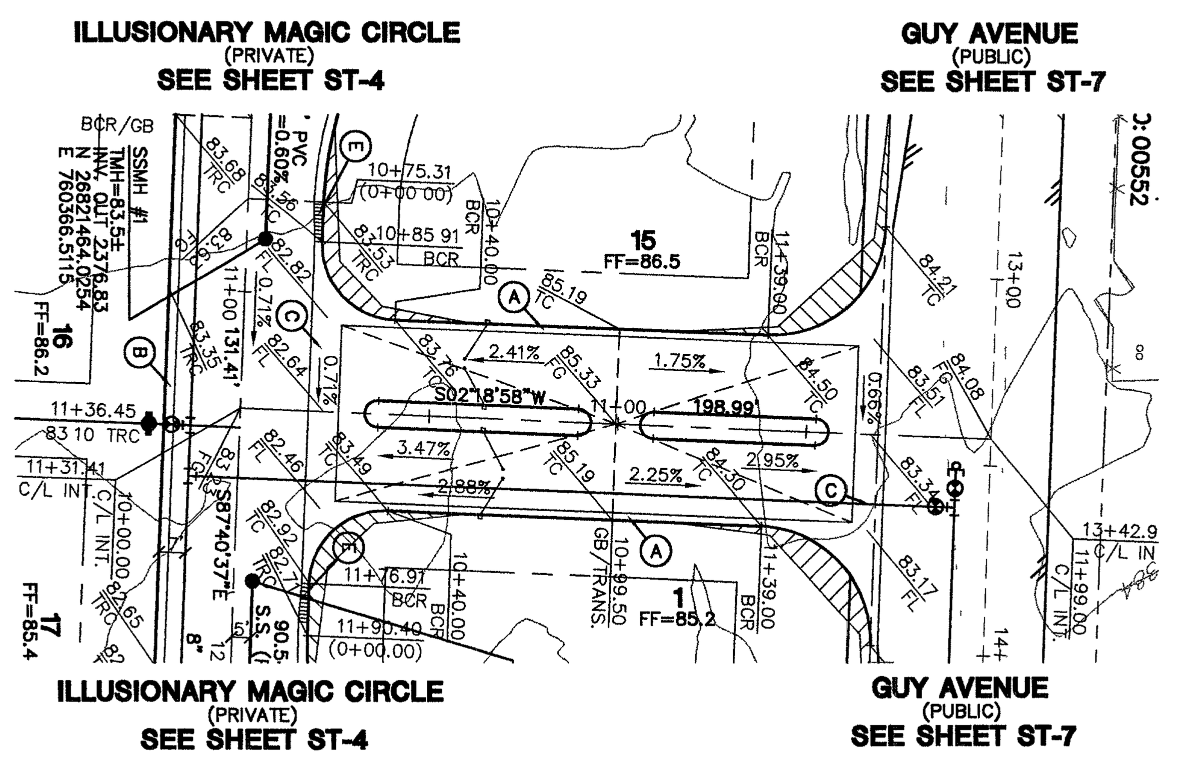
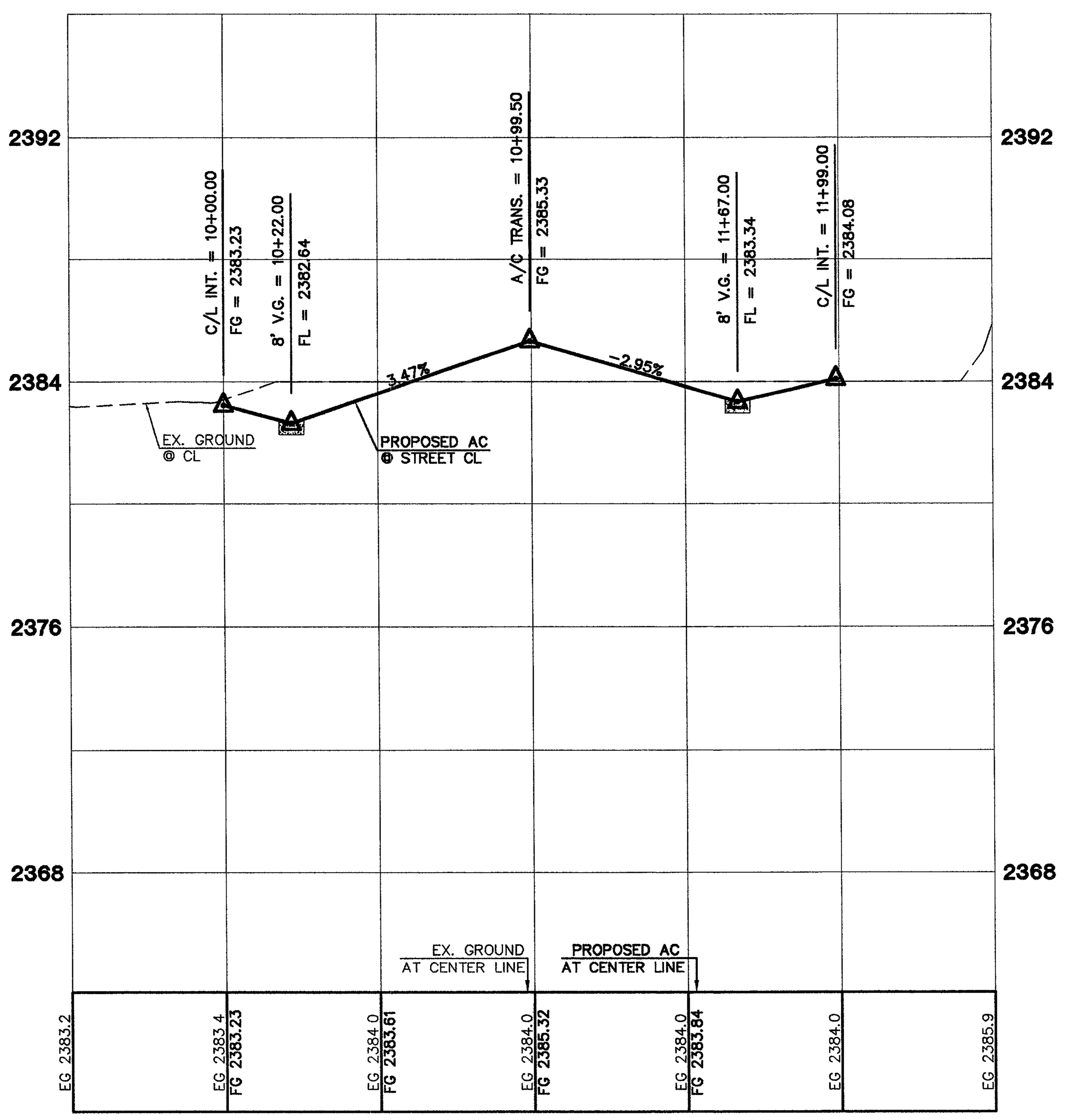
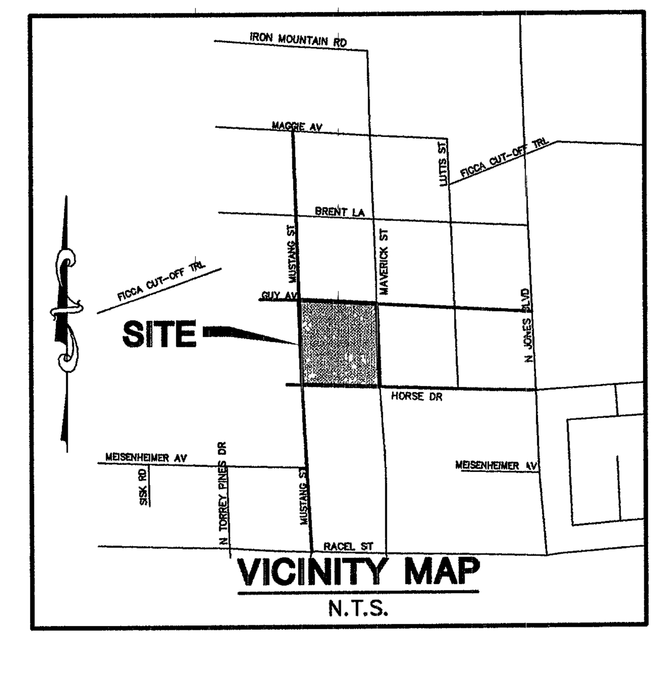
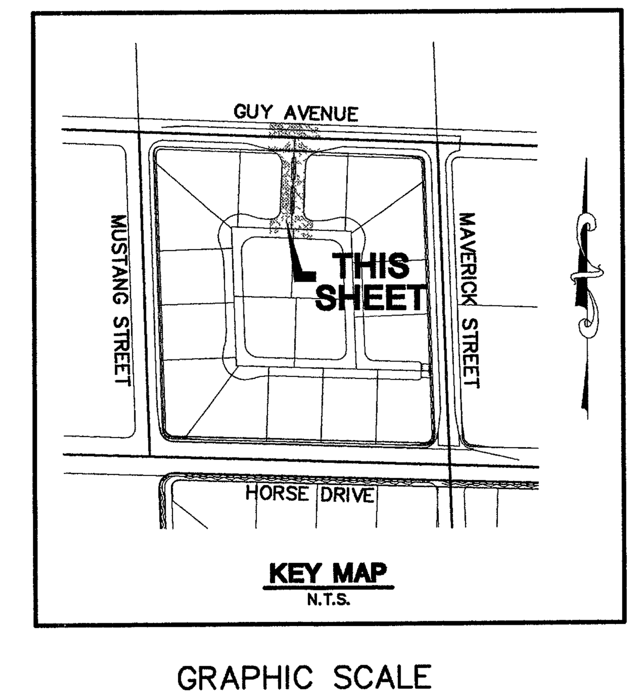


ILLUSIONARY MAGIC CIRCLE
(PRIVATE)







GRAPHIC SCALE

1" = 40'

PROFILE SCALES:
HORZ. = 1"=40'
VERT. = 1"=4'

BENCHMARKS

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CLARK COUNTY BENCHMARK: 8LV90:14NNE6
NAVD88 ELEVATION: 720.144 METERS (2362.67 FEET)

CITY OF LAS VEGAS RIVET AND ROUND PLATE IN CONCRETE PAD, +/- 120' EAST OF MAVERICK ST. NEAR 6181 GRAND TETON DR.

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS SOUTH 88°09'45" EAST, BEING THE NORTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 11, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE, IN FILE 73 AT PAGE 14 .

CONTRACTOR NOTE:

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

NOTES :

1 SEE SHEET DT1 FOR SECTIONS AND DETAILS.
2. ALL ONSITE DRIVES ARE COMMON LOTS & P.U.E. TO BE PRIVATELY OWNED AND MAINTAINED.

CONSTRUCTION NOTES

- (A) CONSTRUCT 24" "L" TYPE CURB & GUTTER PER STD. DWG. NO. 216
- (B) CONSTRUCT 30" "ROLL" TYPE CURB & GUTTER PER STD. DWG. NO. 217A
- (C) CONSTRUCT CONCRETE VALLEY GUTTER PER STD. DWG. NO. 228
- (D) CONSTRUCT 5' CONCRETE SIDEWALK PER STD. DWG. NO. 234
- (E) CONSTRUCT 10' "L" TO "ROLL" CURB TRANSITION PER DETAIL ON SHEET DT1.
- (F) CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD NO.235, CASE 1
- (G) CONSTRUCT DEPRESSED CURB SECTION PER DETAIL ON SHEET DT1
- (H) CONSTRUCT 2' WIDE UNDER SIDEWALK DRAIN PER STD.DWG. NO. 236

CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTERWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS 80'R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN 80' R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. CONNECTIONS TO 15" OR LARGER SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y"'S SHALL BE USED ON LINES 12" OR ABOVE
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18") UNDER A WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
10. INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PVC PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

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

Avoid overhead power line contact. It's costly.
Call before you Overhead
1-702-593-6111

Avoid cutting underground utility lines. It's costly
Call before you Dig
1-800-227-2600

CLARK COUNTY DEPARTMENT OF DEVELOPMENT SERVICES

Acceptance of plans for filing

By ________________

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.

REV	DATE	BY	REVISION
1			
2			
3			
4			
5			
6			
7			

STERLING S. DEVELOPMENT
5365 S. CAMERON STE. #200
LAS VEGAS, NV 89119
(702) 871-0555 FAX: (702) 871-8630
CLARK COUNTY, NEVADA

vtn nevada CONSULTING ENGINEERS ● PLANNERS ● LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550 FAX (702) 362-2597

STREET PLAN & PROFILE
ILLUSIONARY MAGIC CIRCLE

QUARTERHORSE FALLS ESTATES
UNIT 3

DRAWN BY: BLW 7/27/04
DESIGNED BY: BLW 7/27/04
CHECKED BY: CRG 7/27/04
PROJECT NO: 6353
SCALE: 1"=40' HORIZ. 1"=4' VERT.

PROFESSIONAL ENGINEER - STATE OF NEVADA
CHRISTOPHER R. GRUBBS
CIVIL
No. 13956
EXPIRES 06-30-07
12/20/04

SHEET
ST-1
4 OF 18 SHEETS

DRAWING NO.
HTE# 04-44988

H \6353\IMPROVEMENTS\6353-st dwg, ST-1, 12/15/2004 04 28 08 PM, tonyp, TDS600BOND pc3, 1 40

84199