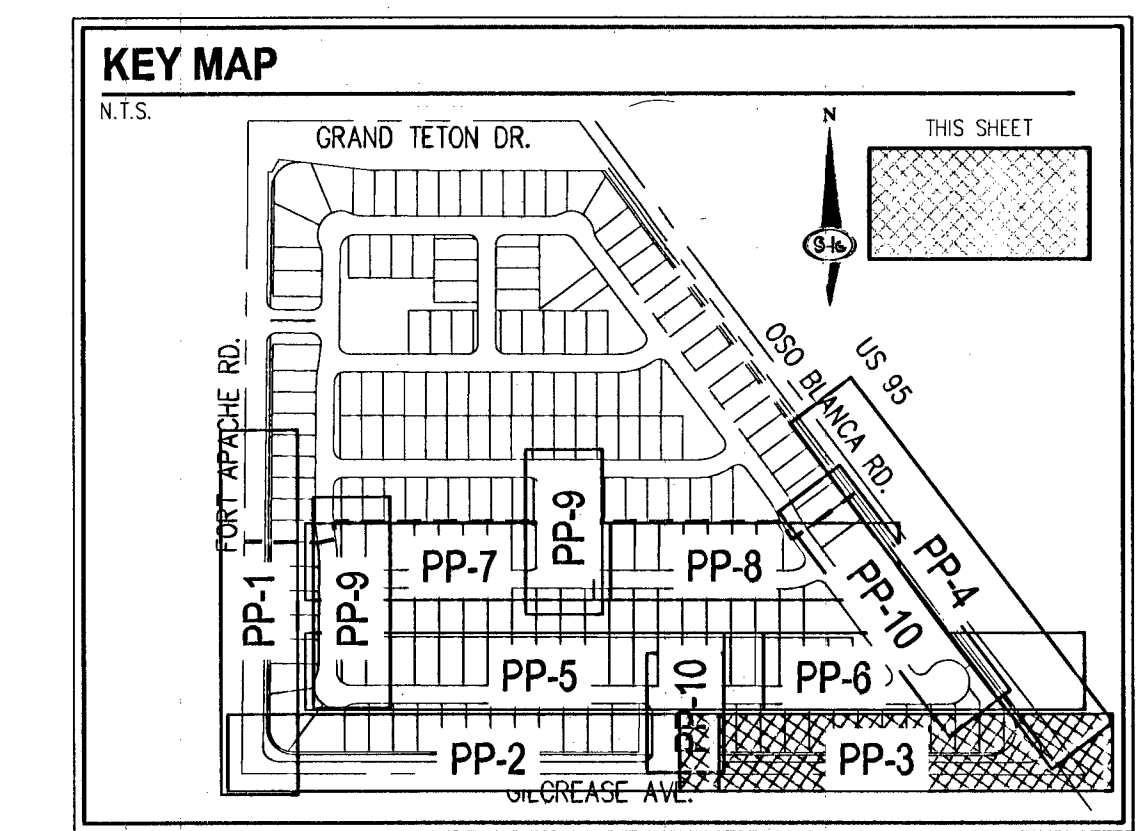
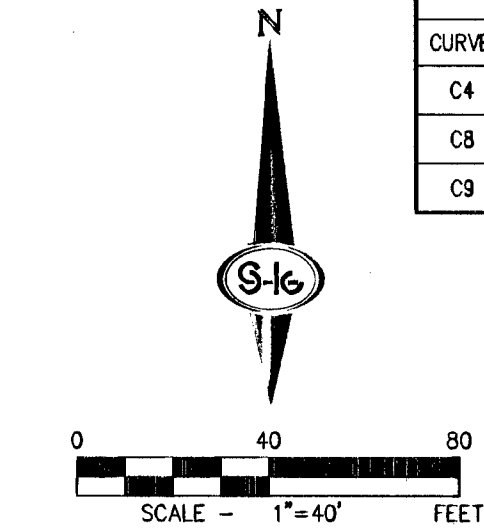
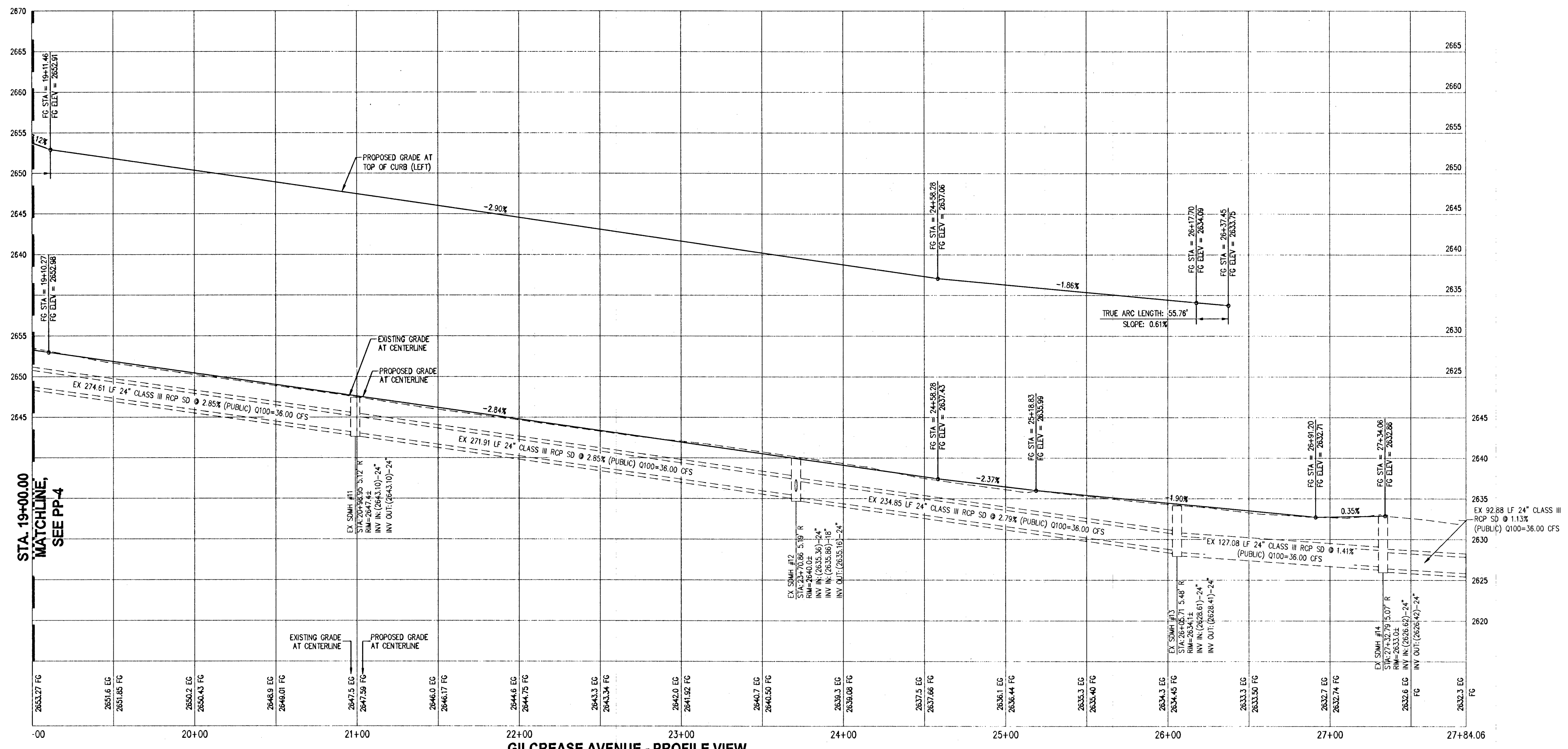


GILCREASE AVENUE - PLAN VIEW

CURVE	LENGTH	RADIUS	DELTA	TANGENT
C4	55.76'	25.00'	127°47'40"	51.03'
C8	188.59'	45.50'	237°28'57"	82.97'
C9	38.67'	20.00'	110°46'37"	28.98'



- ### GRADING CONSTRUCTION NOTES
- CONSTRUCT 1" TYPE CURB & GUTTER PER CCAUSD # 216
  - CONSTRUCT "A" TYPE CURB PER CCAUSD # 219
  - CONSTRUCT 6" CROSS GUTTER PER CCAUSD # 228
  - CONSTRUCT 4" WIDE SIDEWALK PER CCAUSD # 234
  - CONSTRUCT 5" WIDE SIDEWALK PER CCAUSD # 234
  - CONSTRUCT 6" WIDE SIDEWALK PER CCAUSD # 234
  - CONSTRUCT 7" WIDE SIDEWALK PER CCAUSD # 234
  - CONSTRUCT CASE 1 SIDEWALK RAMP USING FORMER TIE TRULATED DOMES OR EQUIVALENT PER CCAUSD # 235
  - CONSTRUCT CASE 2 SIDEWALK RAMP USING FORMER TIE TRULATED DOMES OR EQUIVALENT PER CCAUSD # 235
  - CONSTRUCT SIDEWALK DRAIN PER CCAUSD # 236
  - CONSTRUCT RESIDENTIAL DRIVEWAY PER CCAUSD # 223
  - CONSTRUCT 2.5" AC OVER 4" TYPE II, SEE SOILS REPORT FOR COMPACTION
  - CONSTRUCT 4" AC OVER 4.5" TYPE II, SEE SOILS REPORT FOR COMPACTION
  - SAWCUT EX. AC PAVING & MATCH EXISTING ELEVATIONS
  - ADJUST EX. SDMH/SSMH TO NEW FINISH GRADE PER UDACS SD-4 & SD-5
  - ADJUST EX. UTILITY VAULT MANHOLE TO NEW FINISH GRADE
  - ADJUST EX. WATER VALVE BOX TO NEW FINISH GRADE PER UDACS STD. PLT. NO. 38. VALVE SHALL BE ACCESSIBLE AT ALL TIMES
  - REMOVE EX. ABANDONED WOODEN TELEPHONE POLE
  - CONSTRUCT 60" TYPE I SDMH PER CCAUSD #403 & 405
  - CONSTRUCT SIDEWALK TREATMENT PER TOWN CENTER DEVELOPMENT STANDARDS PD-0007-05-2012RS, FIGURE 14
  - CONSTRUCT NDOT TYPE 3 DROP INLET PER DETAILS ON SHEET D-3 & PER CCAUSD #421
  - CONSTRUCT 10" TYPE CM DROP INLET W/ 3 GRATES PER CCAUSD #412.1 & 421
  - CONSTRUCT 15" TYPE CM DROP INLET W/ 5 GRATES PER CCAUSD #412.1 & 421 CONSTRUCT AS MONOPOUR TO BE WATERTIGHT PER NOTES ON SHEET G-4
  - CONSTRUCT 20" TYPE CM DROP INLET W/ 7 GRATES PER CCAUSD #412.1 & 421 CONSTRUCT AS MONOPOUR TO BE WATERTIGHT PER NOTES ON SHEET G-4
  - CONSTRUCT 25" TYPE CM DROP INLET W/ 9 GRATES PER CCAUSD #412.1 & 421 CONSTRUCT AS MONOPOUR TO BE WATERTIGHT PER NOTES ON SHEET G-4
  - CONSTRUCT 48" TYPE II SDMH PER CCAUSD #401 & 405
  - CONSTRUCT 60" TYPE III SDMH PER CCAUSD #401 & 408
  - INSTALL 18" CLASS III RCP SD (PUBLIC)
  - INSTALL 24" CLASS III RCP SD (PUBLIC)
  - INSTALL 30" CLASS III RCP SD (PUBLIC)
  - INSTALL 36" CLASS III RCP SD (PUBLIC)
  - CONSTRUCT 5" TYPE CM DROP INLET W/ 1 GRATE PER CCAUSD #412.1 & 421
  - INSTALL 6" OSD- RCP-RAP WITH FILTER FABRIC, T#12
  - INSTALL 42" CLASS III RCP SD (PUBLIC) TO BE CONSTRUCTED WITH WATERTIGHT JOINTS PER UDACS SECTION 2.22.02-D(2)
  - REMOVE EX. SIGN
  - RELOCATE EX. SIGN, SEE TRAFFIC PLAN FOR DETAILS
  - REMOVE EX. AC PAVEMENT
  - CONSTRUCT NDOT TYPE 2 MANHOLE. SEE DETAIL ON SHEET D-3. CONSTRUCT AS MONOPOUR TO BE WATERTIGHT PER NOTES ON SHEET G-4
  - INSTALL 18" CLASS III RCP SD (PUBLIC) TO BE CONSTRUCTED WITH WATERTIGHT JOINTS PER UDACS SECTION 2.22.02-D(2)
  - CONNECT TO EX. 42" CMP USING COUPLING BAND PER NDOT R-2.8.1, SEE DETAIL SHEET D-4
  - RELOCATE EXISTING TEST STATION TO BACK OF CURB PER NOTES ON SHEET U-3
  - ADJUST EXISTING 6" BLOW OFF TO FINISHED GRADE PER UDACS PLT. NO. 37 & 38
  - RELOCATE EXISTING 6" AVAL TO BACK OF SIDEWALK PER UDACS PLT. NO. 38



GILCREASE AVENUE - PROFILE VIEW  
HORIZONTAL SCALE: 1"=40'  
VERTICAL SCALE: 1"=8'

### LEGEND

- BOUNDARY/PROPERTY LINE
- STREET CENTERLINE
- RIGHT OF WAY
- PROPOSED 5" CONTOUR
- PROPOSED 1" CONTOUR
- EXISTING 5" CONTOUR
- EXISTING 1" CONTOUR
- PROPOSED TOP OF CURB
- PROPOSED AC ELEV.
- PROPOSED FLOW LINE ELEV.
- PROPOSED FINISH GRADE ELEV.
- PROPOSED DESIGN GRADE ELEV.
- EXISTING TOP OF CURB ELEV.
- EXISTING GROUND ELEVATION
- PAD ELEVATION
- FINISH FLOOR ELEVATION
- DECORATIVE SCREEN WALL
- DECORATIVE RETAINING WALL
- RETAINING WALL
- 6" WROUGHT IRON FENCE
- EDGE OF PAVEMENT
- EX. EDGE OF PAVEMENT
- SWALK LINE
- PHASE LINE
- MATCHLINE
- EXISTING PAVEMENT TO BE REMOVED

### BENCHMARK

BENCHMARK NUMBER: 6L900 17N105  
RIVET AND PLATE IN TOP OF CURB AT SW CORNER GILCREASE AVENUE AND OSO BLANCA ROAD (W FRONTAGE ROAD)  
ELEVATION = 2631.88 FEET, 802.1998 METERS, N.A.V.D. 88 DATUM

### BASIS OF BEARINGS

SOUTH 89°53'28" EAST, BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 17, TOWNSHIP 19 SOUTH, RANGE 50 EAST, W.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE 114, PAGE 57 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

### FEMA FLOOD ZONE DESIGNATION

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X (AREA OUTSIDE THE 500-YEAR FLOOD PLAIN), PER FIRM PANEL 32003C1745E, DATED SEPTEMBER 27, 2002.

### FLOOD CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4578 ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.

*[Signature]* DATE: 9/15/14  
EFRAN BALIZAN, P.E. 22844

Call before you Dig  
1-702-455-6000  
1-702-432-5300

Call before you Dig  
1-800-227-2600  
1-702-455-6000

Call before you Dig  
1-702-227-2929

**SLATER HANIFAN GROUP**  
CONSULTING ENGINEERS & PLANNERS  
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118  
PHONE (702) 284-5300 FAX (702) 284-5398

**DR. HORTON**  
OSO BLANCA & GRAND TETON PHASE I  
GILCREASE AVENUE PLAN & PROFILE II

DATE: 09/04/2014  
DRAFTER: JDA  
DESIGNER: JDA  
CHECKED: DJP  
PROJECT NO. DRH1225-001

**PP-3**  
SHEET 13 OF 33  
H# 50785  
CLV# 107Y4833-1