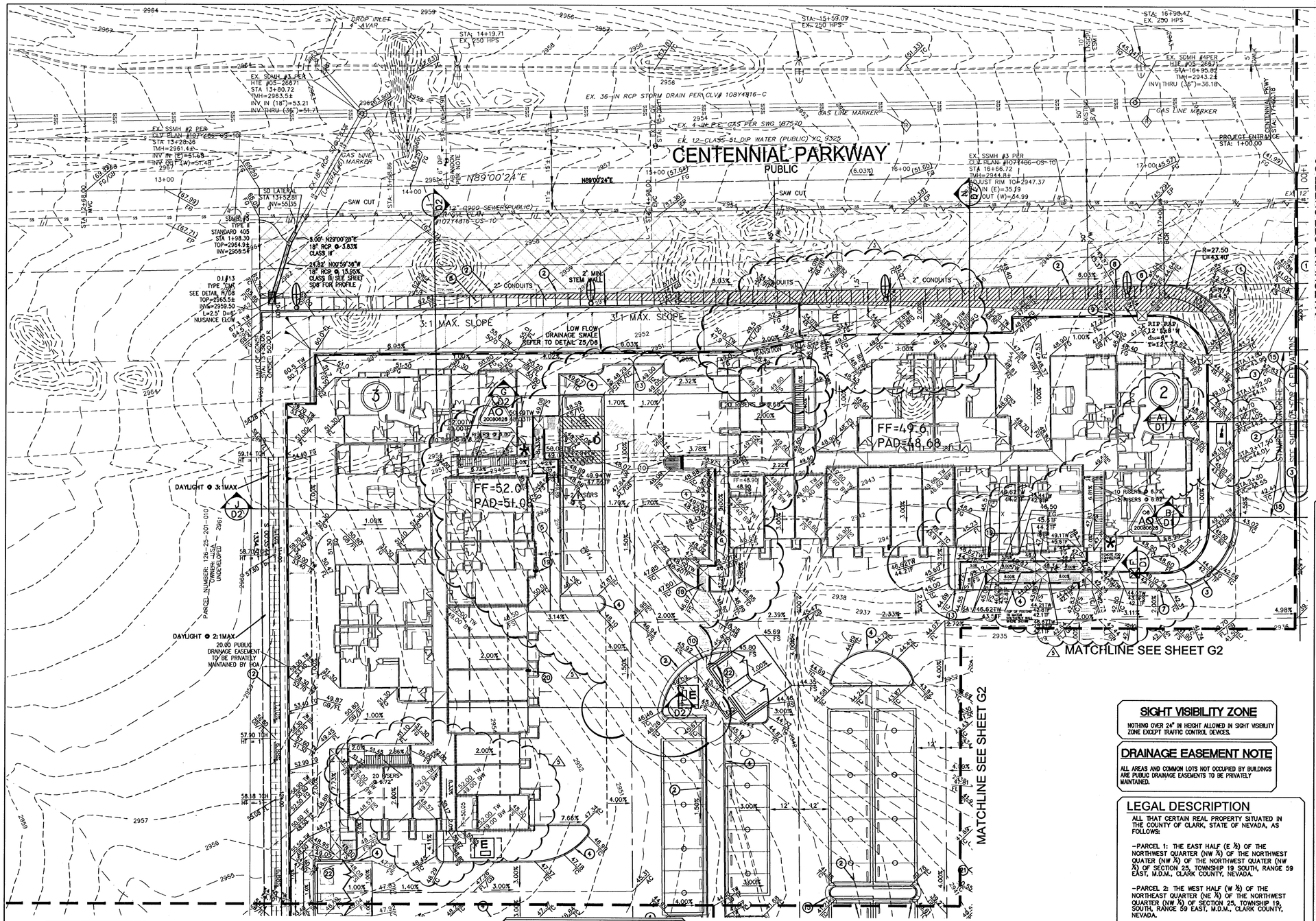

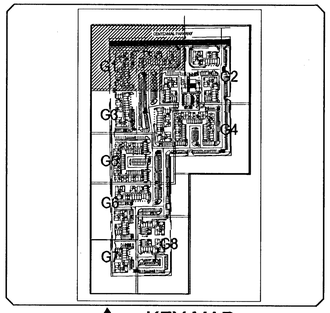

KEY MAP
NOT TO SCALE

N

(IN FEET)
1 inch = 20 ft.

GRADING LEGEND

- RIGHT-OF-WAY
- STREET CENTERLINE
- PROPERTY LINE / BOUNDARY
- SET BACK LINE
- SAW CUT LINE
- EXISTING IMPROVEMENTS
- RETAINING WALL
- ROCK WALL / RIPRAP
- SWALE
- GRADE BREAK
- POINT OF VERTICAL INTERSECTION
- FF=98.6 — PROPOSED FINISH FLOOR ELEV
- PAD 75.0 — PROPOSED BLDG PAD ELEV
- EXISTING UTILITY POLE
- 00.00 BW — BOTTOM OF WALL
- 00.00 TW — TOP OF WALL
- 00.00 TRW — TOP OF RETAINING WALL
- 00.00 TF — TOP OF FOOTING
- 00.00 TFW — TOP OF FLOOD WALL
- 00.00 TC — TOP OF CURB ELEVATION
- 00.00 TRC — TOP OF ROLL CURB ELEVATION
- (00.00) TC — EXISTING TOP OF CURB ELEVATION
- 00.00 FG — FINISHED GRADE ELEVATION
- (00.00) FG — EXISTING FINISHED GRADE ELEVATION
- 00.00 FL — FLOW LINE ELEVATION
- 00.00 HP — HIGH POINT ELEVATION
- 00.00 EP — EDGE OF PAVEMENT ELEVATION
- 0+00.00 — STATION NUMBER
- 0.00% — GRADE SLOPE
- SCARP 3:1 (TYPICAL)
- SIGHT VISIBILITY ZONE
- CUT-FILL TRANSITION
- 1 — BUILDING NUMBER

SIGHT VISIBILITY ZONE

NOTHING OVER 24" IN HEIGHT ALLOWED IN SIGHT VISIBILITY ZONE EXCEPT TRAFFIC CONTROL DEVICES.

DRAINAGE EASEMENT NOTE

ALL AREAS AND COMMON LOTS NOT OCCUPIED BY BUILDINGS ARE PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

LEGAL DESCRIPTION

ALL THAT CERTAIN REAL PROPERTY SITUATED IN THE COUNTY OF CLARK, STATE OF NEVADA, AS FOLLOWS:

-PARCEL 1: THE EAST HALF (E ½) OF THE NORTHWEST QUARTER (NW ¼) OF THE NORTHWEST QUATER (NW ¼) OF THE NORTHWEST QUATER (NW ¼) OF SECTION 25, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA.

-PARCEL 2: THE WEST HALF (W ½) OF THE NORTHEAST QUARTER (NE ¼) OF THE NORTHWEST QUARTER (NW ¼) OF SECTION 25, TOWNSHIP 19, SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA.

-PARCEL 3: THE EAST HALF (E ½) OF THE SOUTHWEST QUARTER (SW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF SECTION 25, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA.

BASIS OF BEARINGS

NORTH 00°37'29" WEST, BEING ALONG THE WEST LINE OF THE NORTHWEST QUARTER (NW ¼) OF THE NORTHWEST QUARTER (NW ¼) OF SECTION 25 TOWNSHIP 19 SOUTH RANGE 59 EAST M.D.M. AS SHOWN BY THAT CERTAIN MAP RECORDED IN FILE 104 AT PAGE 74 OF SURVEYS IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA.

BENCHMARK

CLV BENCHMARK: BLV90 30W4 NAVD 88v.2002
ELEVATION 834.6354 (METERS), 2738.30 (FEET).

RIVET AND PLATE IN CONCRETE PAD (ELEC) NE CORNER OF HUALAPAI & TROPICAL PARKWAY.

FLOOD ZONE NOTE:

FLOOD ZONE "X"
FIRM # 32003C1750E
REVISED: SEPTEMBER 27, 2002.

CALL BEFORE YOU DO UNDERGROUND—
AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS—IT'S COSTLY

Call before you underground
1-702-432-5300
FREEWAY ARTERIAL SYSTEM TRANSPORTATION F.A.S.T.
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

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

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.
Call before you OVERHEAD
1-702-227-2929

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT (DS4217)
PROJECT ENGINEER CHRISTOPHER ZHANG, PE# 18649 — DATE 6/08/09

NOTE

SEE ALTERNATE PLANS, SHEET 48-52, FOR CONSTRUCTION OF CENTENNIAL PKWY IF ADJACENT OFFSITES HAVE NOT BEEN COMPLETED.

SIDEWALK RAMP TRANSITION TABLE

RAMP NO.	GRADE (%) "B" TO "A"	"A" (FT) MIN.	"B" (FT) MIN.
H1	-6 TO -5.01	4.5	21.5
H2	-5 TO -4.01	4.5	15.0
H3	-4 TO -3.01	4.5	12.0
H4	-3 TO -2.01	4.5	9.5
H5	-2 TO 2	8.08	8.0
H6	2.01 TO 3	9.5	4.5
H7	3.01 TO 4	12.0	4.5
H8	4.01 TO 5	15.0	4.5
H9	5.01 TO 6	21.5	4.5

SEE CLARK COUNTY AREA STANDARD DRAWING NO. 235 CASE 1

CONSTRUCTION NOTES

1. CONSTRUCT 8' CROSS GUTTER PER USDCCA #228.
2. CONSTRUCT "L" TYPE CURB PER USDCCA #216.
3. CONSTRUCT MODIFIED "L" TYPE CURB SPILL FACE PER DETAIL DD ON SHEET D5.
4. CONSTRUCT "A" TYPE CURB PER USDCCA #219.
5. CONSTRUCT 4' SIDEWALK PER USDCCA #234.
6. CONSTRUCT 5' SIDEWALK PER USDCCA #234.
7. CONSTRUCT 5' TRANSITION FROM "A" TO "L" CURB.
8. CONSTRUCT SIDEWALK UNDERDRAIN PER USDCCA #238
9. CONSTRUCT BLOCK WALL OPENING PER DETAIL Z2 ON SHEET D6.
10. CONSTRUCT SIDEWALK RAMPS PER USDCCA 235,CASE 1.
11. CONSTRUCT EMERGENCY FIRE ACCESS CRASH GATE PER ARCHITECTURAL PLANS.
12. CONSTRUCT 4' U-CHANNEL PER DET. Z1 ON SHEET D8.
13. DEPRESS CURB TO BE FLUSH WITH AC FOR SWALE DRAINAGE.
14. INSTALL CAST & IRON FLOOR DRAIN WITH NEENAH GRATE R-4937-B WITH 8" PIPE DOWN SPOUT ON TOP OF CURB.

CONTINUATION

15. CONSTRUCT 5' TRANSITION FROM "L" TO "L SPILL FACE" CURB.
16. CROSS GUTTER PER USDCCA DWG. #228.
17. CONSTRUCT STEM WALL WITH RAILING FOR HANDICAP ACCESS OVER 5%.
18. CONSTRUCT WALL OPENING PER CALLOUT PER DETAIL AA SHEET D5.
19. ROOF DRAIN DISCHARGING TO SIDEWALK UNDERDRAIN PER DETAIL D, SHEET 28.
20. ROOF DRAIN DISCHARGING TO ASPHALTIC CONCRETE PER DETAIL E, SHEET 28.
21. ROOF DRAIN DISCHARGING TO DAY LIGHT d50=6", D=1' PER DETAIL F, SHEET 28.
22. TRASH ENCLOSURES, PER ARCHITECTURAL PLAN

Stantec Consulting Ltd.
7251 West Charleston Boulevard
Las Vegas, NV
89117
Tel. 702.258.0115
Fax. 702.258.4956
www.stantec.com

Stantec
The Contractor shall verify and be responsible for all dimensions. Do NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	Appd.	YY.MM.DD
1 REVISED LAYOUT TO ADD NEW POWER TRANSFORMER	CZ	SFA	09.06.23
0 ADD NEW POWER WALL ENCLOSURES			

Client/Project
FAIRFIELD CENTENNIAL LLC
CENTENNIAL CONDOMINIUMS
CITY OF LAS VEGAS, NV

Title
GRADING PLAN

Permit-Seal

PROFESSIONAL ENGINEER — STATE OF NEVADA — CHRISTOPHER ZHANG — Exp. 6-30-10 — CIVIL — No. 18649
6/08/09
FOR REVISION 5 ONLY

Project Number: 188100435
File Name: 00435c-101grad.dwg

DWN	CHKD	DSGN	DATE
EA/NW	SA/NW	EA/NW	6/2/2009

Drawing No. G1
CLV# 107Y4967

Revision	Sheet
0	12 of 52

H26647

L17169

P:\Active\188100435\land_development\drawing\improvements\00435c-101grad
2/9/2008 11:13 AM zhang, christopher