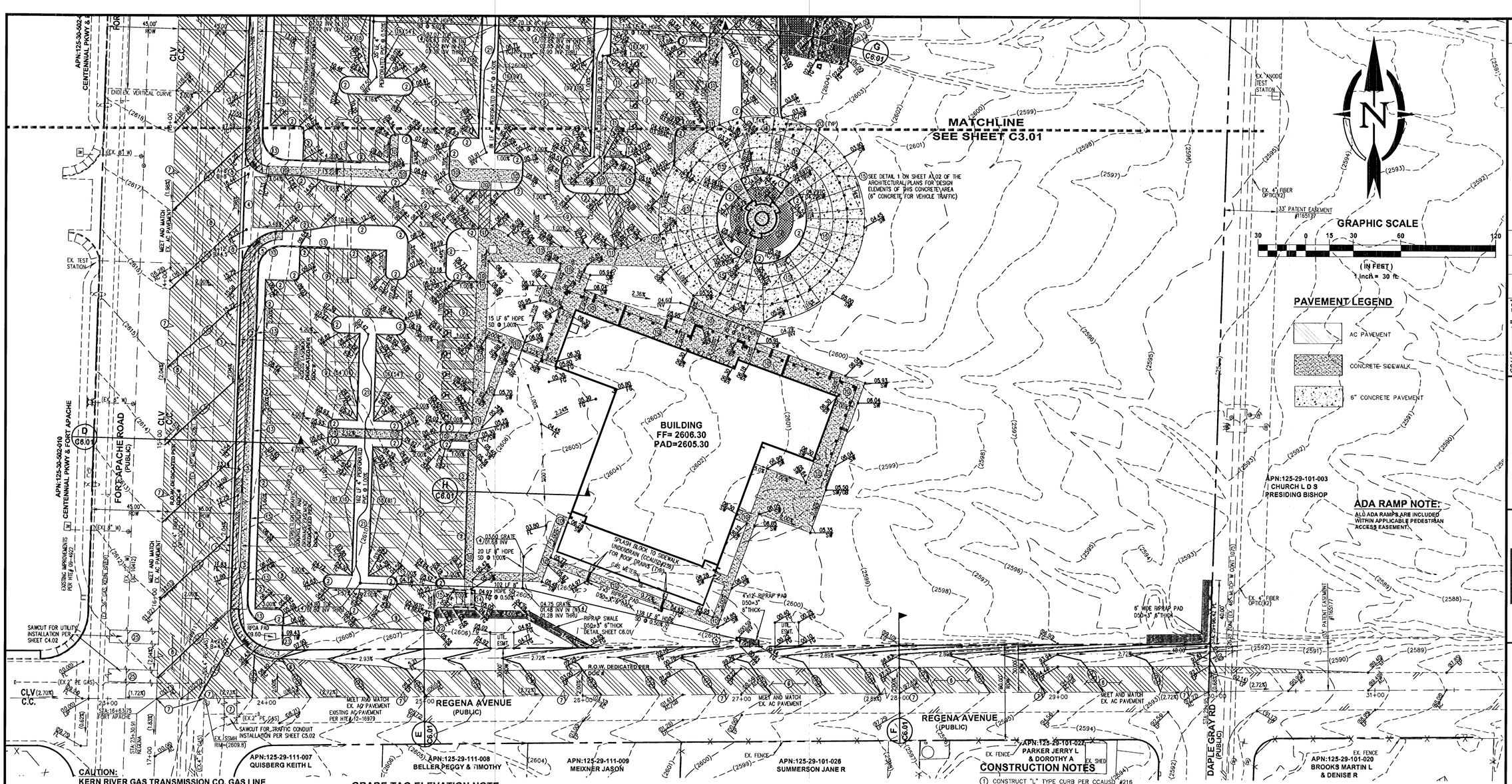
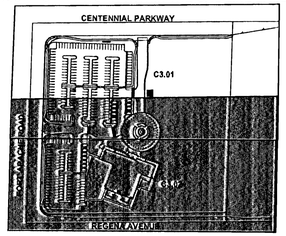


CAUTION:
KERN RIVER GAS TRANSMISSION CO. GAS LINE
CALL 702-639-3600 FOR STANDBY A MINIMUM OF 48 HOURS PRIOR TO ANY WORK WITHIN THE GAS LINE EASEMENT.



KEY MAP
NOT TO SCALE

GRADE TAG ELEVATION NOTE

ALL TAG GRADES ARE AT THE BASE E..EVATION OF 2600' OR 2500' PLEASE SEE BENCHMARK ELEVATION

EXAMPLE: TAG WITH GRADE 04.00 = 2604.00
TAG WITH GRADE 97.00 = 2597.00

BENCHMARK

CITY OF LAS VEGAS PIN AND ROUND PLATE IN CONCRETE WALL FOOTING, SOUTHEAST CORNER OF CENTENNIAL PKWY. AND CAMBELL RD.

N.A.V.D. 88 ELEV=2578.16 FEET (785.825 METERS)
CLARK COUNTY BENCHMARK #BLV90 - 29NNW6

BASIS OF BEARING

NORTH 89°30'32" EAST, BEING THE CENTERLINE OF CENTENNIAL PARKWAY AND THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST AS SHOWN IN FILE 107 PAGE 31 OF SURVEYS, CLARK COUNTY, NEVADA.

GEOTECHNICAL NOTE

ALL SITE GRADING, SUB GRADE, SUBSURFACE, SOIL PREPARATION AND GEOTECHNICAL ENGINEERING PARAMETERS ARE DICTATED BY THE FOLLOWING REPORT:

REPORT # 64135043 BY TERRACON CONSULTANTS INC.
STAMPED & DATED APRIL 4, 2014.

ACCESSIBLE PAVING NOTE

ALL PAVING AT ADA ACCESSIBLE PARKING STALLS AND ACCESS AISLES MUST BE CONSTRUCTED WITH NO MORE THAN 2.0% SLOPE IN ANY DIRECTION.

SIDEWALK CONSTRUCTION NOTE

ALL ADA ACCESSIBLE SIDEWALKS AND ROUTES WITHIN THE SITE DEVELOPMENT MUST BE CONSTRUCTED WITH NO MORE THAN 2.0% CROSS SLOPES.

CAUTION CONTRACTOR
THERE ARE MANY LOCATIONS WHERE TOP-OF-CURB AND AC PAVEMENT ARE THE SAME GRADE. IF YOU HAVE ANY QUESTIONS PLEASE CALL INTEGRITY ENGINEERING AT (702) 458-4664 FOR CLARIFICATION.

STORM DRAIN CONSTRUCTION NOTES

1. INSTALL TYPE IA 48" STORM DRAIN MANHOLE WITH 30" RING AND COVER PER CCAUSD #404.1 MANHOLES SHALL BE CONSTRUCTED WITH WATER TIGHT JOINTS
2. REMOVE EXISTING 12" BLEEDER LINE & EXISTING DROP INLET AND CONNECT EXISTING 18" RCP STORM DRAIN TO NEW MANHOLE
3. CONSTRUCT 4' TYPE "C" DROP INLET PER CCAUSD #413, #417 & #421
4. INSTALL 18" NYLOPLAST DRAIN BASIN AND GRATE PER DETAIL ON SHEET C6.02
5. CONSTRUCT ONSITE PRIVATE STORM DRAIN OUTLET STRUCTURE PER DETAIL ON SHEET C6.02

FLOOD ZONE NOTE:

FLOODZONE DESCRIPTION
THIS SITE IS LOCATED IN ZONE "X", AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE OF FLOOD PLAIN PER THE FLOOD INSURACE RATE MAP COMMUNITY PANEL 32003C1745 E, CLARK COUNTY, NEVADA DATED SEPTEMBER 27, 2002.
FLOOD DESIGNATION PROVIDED BY FEDERAL EMERGENCY MAMAGEMENT AGENCY (FEMA).

EARTHWORK VOLUMES

THESE VOLUMES ARE RAW VOLUMES ONLY. THESE ARE NOT TO BE USED BY CONTRACTORS OR DEVELOPERS TO GENERATE COST ESTIMATES ON CONSTRUCTION DIRT WORK OPERATION FOR THIS PROJECT.

RAW CUT VOLUME	11,709 CY
RAW FILL VOLUME	6,408 CY
GROSS VOLUME (RAW)	5,301 CY CUT

SVZ NOTE

NO WALLS, FENCES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT, OTHER THAN TRAFFIC CONTROL DEVICES, FIRE HYDRANTS, TREES, 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 THE TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE.

DRAINAGE QUANTITIES

ITEM	UNITS	PUBLIC
TYPE IA 48" SD MANHOLE	EA	3
18" STORM DRAIN	LF	759
4' TYPE C DROP INLET	EA	1
NOOT END SECTION	EA	1

SIGHT VISIBILITY ZONES

FOR SIGHT VISIBILITY ZONE DETAILS SEE SHEETS C5.01 & C5.02

CONSTRUCTION NOTES

1. CONSTRUCT "L" TYPE CURB PER CCAUSD #216
2. CONSTRUCT "A" TYPE CURB PER CCAUSD #219
3. CONSTRUCT CONCRETE SIDEWALK PER CCAUSD #234
4. CONSTRUCT 8' CROSS GUTTER PER CCAUSD #228
5. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD #235 CASE I
6. CONSTRUCT STREET AC PAVEMENT PER SECTIONS ON SHEETS C3.03 THRU C3.05
7. SAWCUT AND MATCH EXISTING IMPROVEMENTS
8. ADJUST MANHOLE TO GRADE AS NEEDED
9. CONSTRUCT ONSITE AC PAVEMENT PER DETAIL ON SHEET C6.02
10. CONSTRUCT ON SITE CONCRETE SIDEWALK PER DETAIL ON SHEET C6.02
11. CONSTRUCT ON SITE INTEGRAL SIDEWALK & CURB PER DETAIL ON SHEET C6.02
12. CONSTRUCT 3' CONCRETE VALLEY GUTTER PER DETAIL ON SHEET C6.02
13. CONSTRUCT CMU RETAINING WALL PER SHEET C7.01
14. CONSTRUCT TRASH ENCLOSURE PER ARCH PLANS
15. CONSTRUCT 6" PCC PAVEMENT OVER 6" TYPE II AGGREGATE BASE
16. CONSTRUCT DEPRESSED CURB PER DETAIL ON SHEET C6.02
17. CONSTRUCT CURB CUT PER DETAIL ON SHEET C6.02
18. CONSTRUCT BUS TURNOUT WITH EXCLUSIVE RIGHT TURN LANE PER CCAUSD #234.1 AND #234.4, WITH BUS STOP PAD PER CCAUSD #234.2
19. CONSTRUCT "L" TYPE CURB WITH 0" FACE PER DETAIL ON SHEET C6.02
20. INSTALL BOLLARDS PER ARCHITECTURAL PLANS
21. LANDSCAPE BIO-SWALE PER LANDSCAPE PLANS
22. CONSTRUCT 1' CURB CUT
23. CONSTRUCT WINDSOR BLOCK PLANTER WALL
24. REFER TO DETAIL 5 ON SHEET A1.02 OF ARCH PLANS FOR PAVER LAYOUT IN THIS AREA
25. SAWCUT & RESTORE PAVEMENT PER CCAUSD #500.5 & 503

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER

PROJECT No. 122909 . DATE: 03/25/15.

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FILED WITH CLARK COUNTY
HTE# 14-11158
3-9-15
ERNEST FREGGIARO, P.E. #4604 DATE

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVELOPMENT REVIEW
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 EXPENCE TO CLARK COUNTY.

PROFESSIONAL ENGINEER - STATE OF NEVADA
ERNEST FREGGIARO
EXP. 06-30-15
CIVIL
No. 4604
3-9-15

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811 OR 1-800-227-2600

AVOID CUTTING UNDERGROUND TRAFFIC SIGNAL UTILITIES AND STREET LIGHT STRIPS OR GROUNDS. IT'S COSTLY.
OR, BEFORE YOU DIG, CONTACT NEVADA 811
Call before you UnderGround
1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Avoid overhead power line contact. It's costly.
Call before you Overhead
1-702-227-2929

SCALE:	1"=30'
DRAWN BY:	CM
DESIGNED BY:	CM
CHECKED BY:	EF
DATE:	3/9/15
JOB NO:	35-110

REV. #	BY	DATE	DESCRIPTION	APP.

REVISION APPROVAL BLOCK

INTEGRITY ENGINEERING
4588 Coachman Circle
Las Vegas, NV 89119
Phone: 702-456-4664
email@integrity-engineering.net

ST. ANTHONY OF PADUA

GRADING PLAN 2

SHEET
C3.02
6 OF 21 SHEETS

DRAWING NO.
HTE # 14-44635

30V1104 H# 58248