



ABBREVIATION

TOP OF WALL	TW
FINISH GRADE	FG
TOP OF FOOTER	TF
SIDEWALK	SW
TOP OF CURB	TC
FLOW LINE	FL

LEGEND

- CENTERLINE
- PROPERTY LINE
- EX. BUILDING
- EX. TOP OF CURB
- EX. SEWER
- EX. WATER
- EX. GAS
- PROPOSED EASEMENT
- PROPOSED PARKING
- PROPOSED LIP
- PROPOSED TOP OF CURB
- PROPOSED SIDEWALK
- ASSESSOR'S PARCEL NUMBER
- EX. FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- EX. WATER VALVE
- PROPOSED WATER VALVE
- EX. WATER METER
- EX. FENCE
- PROP. SIDEWALK
- SIDEWALK UNDERDRAIN
- DROP INLET

CONSTRUCTION ITEMS:

1. CONSTRUCT "L" TYPE CURB & GUTTER PER STD DWG NO. 216.
2. CONSTRUCT "A" TYPE CURB & GUTTER PER STD DWG NO. 218.
3. CONSTRUCT 2" CONCRETE VALLEY GUTTER. (SEE DETAIL "A"/SHEET 6 OF 7)
4. CONSTRUCT SIDEWALK RAMP PER OCAUSD# 235, A=B=8'
5. CONSTRUCT 2" SIDEWALK UNDERDRAIN PER STD DWG NO. 236
6. CONSTRUCT COMMERCIAL DRIVEWAY PER STD DWG NO. 222A AND DWG NO. 225
7. CONSTRUCT 8" VALLEY GUTTER PER STD DWG NO. 228
8. CONSTRUCT 8" RETAINING WALL. SEE APPLICABLE DETAIL FOR ALL SECTION DETAILS
9. CONSTRUCT SCREEN WALL
10. PROVIDE 2" CURB OPENING TO ALLOW DRAINAGE
11. INSTALL 0" CURB FACE
12. INSTALL WROUGHT IRON FENCE ON TOP OF RETAINING WALL FOR PEDESTRIAN PROTECTION
13. CONSTRUCT SIDEWALK PER STD DWG NO. 234
14. INSTALL TRENCH PER UDACS PLATE # 8C
15. INSTALL WHEEL STOPS PER STD DWG NO. 238
16. REMOVE AND REPLACE DAMAGED AND SUB STANDARD CURB AND GUTTER WITH STD. DWG. NO. 216. OTHER LOCATIONS MAY APPLY PER SITE INSPECTIONS OF THE CLV FIELD ENGINEER
17. REMOVE AND REPLACE MIN. 4" THICK AC PAVEMENT
18. REMOVE AND REPLACE EX. CURB, GUTTER AND DRIVEWAY WITH STD DWG NO. 216 AND 234
19. WROUGHT IRON VEW FENCE WITH DECORATIVE PILASTERS WITH 20% CONTRASTING MATERIALS AND CAP.

Call before you UnderGround

1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS

AND

1-702-229-6611
FREWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY!

CALL BEFORE YOU DIG

1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWERLINE CONTACT

CALL BEFORE YOU OVERHEAD

1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

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 (053936).

JAMES P. LOPEZ, P.E. #14325
DATE 10/4/07

BASIS OF BEARING
THE CENTERLINE OF STEWART AVENUE BETWEEN THIRTEENTH STREET AND FOURTEENTH STREET BEARS SOUTH 62°05'37" EAST PER RECORD OF SURVEY: FILE 67, PAGE 79, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK NO. STEWART 35 12 BEING A RIVET AND PLATE/TOP OF CURB @ SE CORNER OF STEWART AND MARYLAND PARKWAY. ELEVATION = 603.4244 METERS (1979.73 FEET) NAVD88.

FEMA INFORMATION
THE SUBJECT SITE IS LOCATED WITHIN FEMA ZONE X AS SHOWN ON F.I.R.M. COMMUNITY-PANEL NUMBER 32003C2170E, EFFECTIVE SEPTEMBER 27, 2002. ZONE X IS DEFINED BY FEMA AS BEING OUTSIDE THE 500 YEAR FLOODPLAIN. THE FEMA MAP IS INCLUDED AT THE BACK OF THE TEXT.

QUANTITIES ON-SITE

8" SEWER	144 LF
6" WATER MAIN	808 LF
8" WATER MAIN	71 LF
FIRE HYDRANT	2 EA
TYPE II GRAVEL BASE(PVT)	968 CY
3" ASPHALTIC CONCRETE PAV(PVT)	5362 SY

QUANTITIES OFF-SITE

6" WATER MAIN	61 LF
2" WATER MAIN	32 LF
WATER SERVICE TO LOTS	1 EA
CROSS GUTTER	1633 SF
DRIVEWAY COMMERCIAL	4874 SF
SIDEWALK UNDER DRAIN	2 EA

NOTE:
ALL PRIVATE DRIVES ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA

REV. DATE	DESCRIPTION	SHEET NO.	APPROVAL
4-11-07	REVISED SEWER LATERAL CONNECTION & LOCATION AND RELOCATED FIRE LINE (WATER MAIN)		
10-5-07	REVISED SITE GRADING, RETAINING WALL HEIGHT AT CORNER, TRUSS ENCLOSURE LOCATION AND DRIVEWAY, SITE LOCATION, AND ADDITIONAL ELEVATION TAG, LIST OF ABBREVIATION, AND TYP. WALL GRADING DETAIL.	6	
12-5-07	REVISED DRIVEWAY ELEVATION AND SLOPE		
12-17-07	REVISED FLOOD FLOOD WALL NOTE		

JPL ENGINEERING INC.
8620 SOUTH EASTERN AVE, SUITE 8
LAS VEGAS, NV 89123
Phone (702) 896-6288 • Fax (702) 896-0647

ST. BRIDGET'S CHURCH
GRADING PLAN
SEPTEMBER, 2007

PROFESSIONAL ENGINEER STATE OF NEVADA
JAMES P. LOPEZ
Exp. 12-31-07
CIVIL
NO. 14975

JOB # 05-086
SHEET NO.:
GP1
3 OF 8 SHEETS
CLV DWG NO. 107V4132