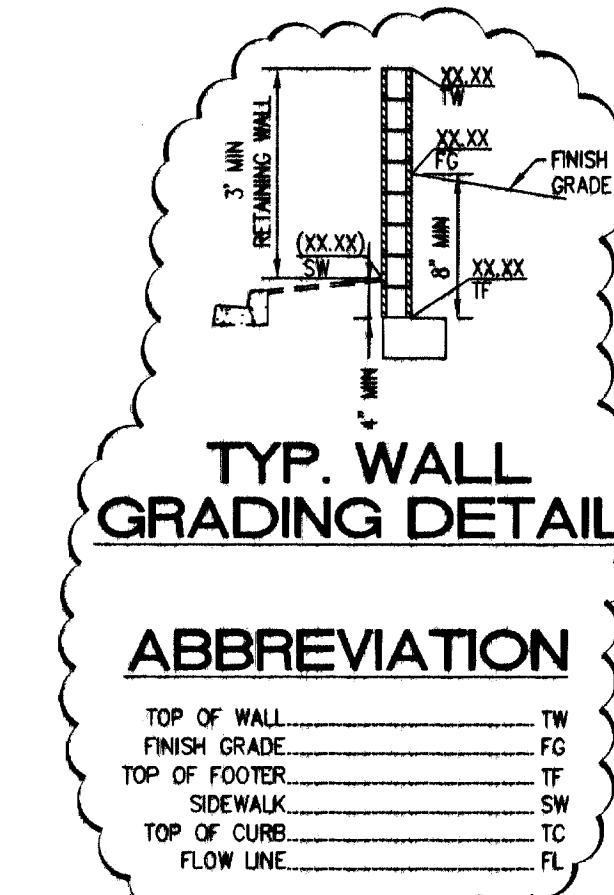
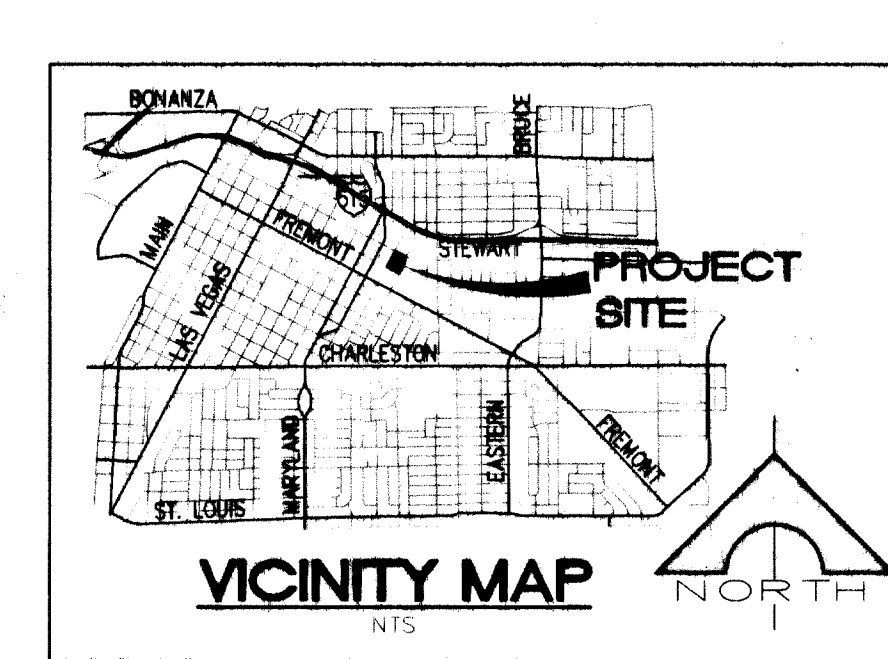
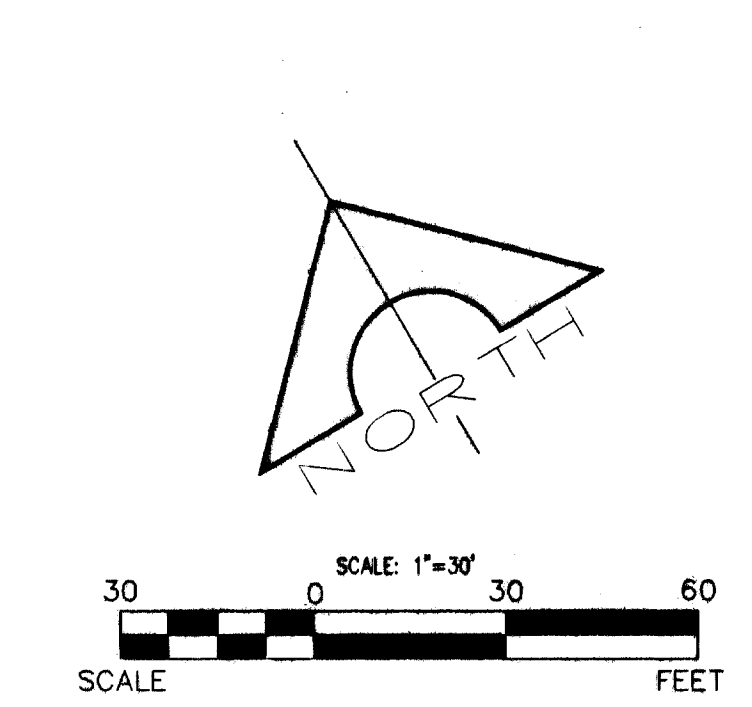
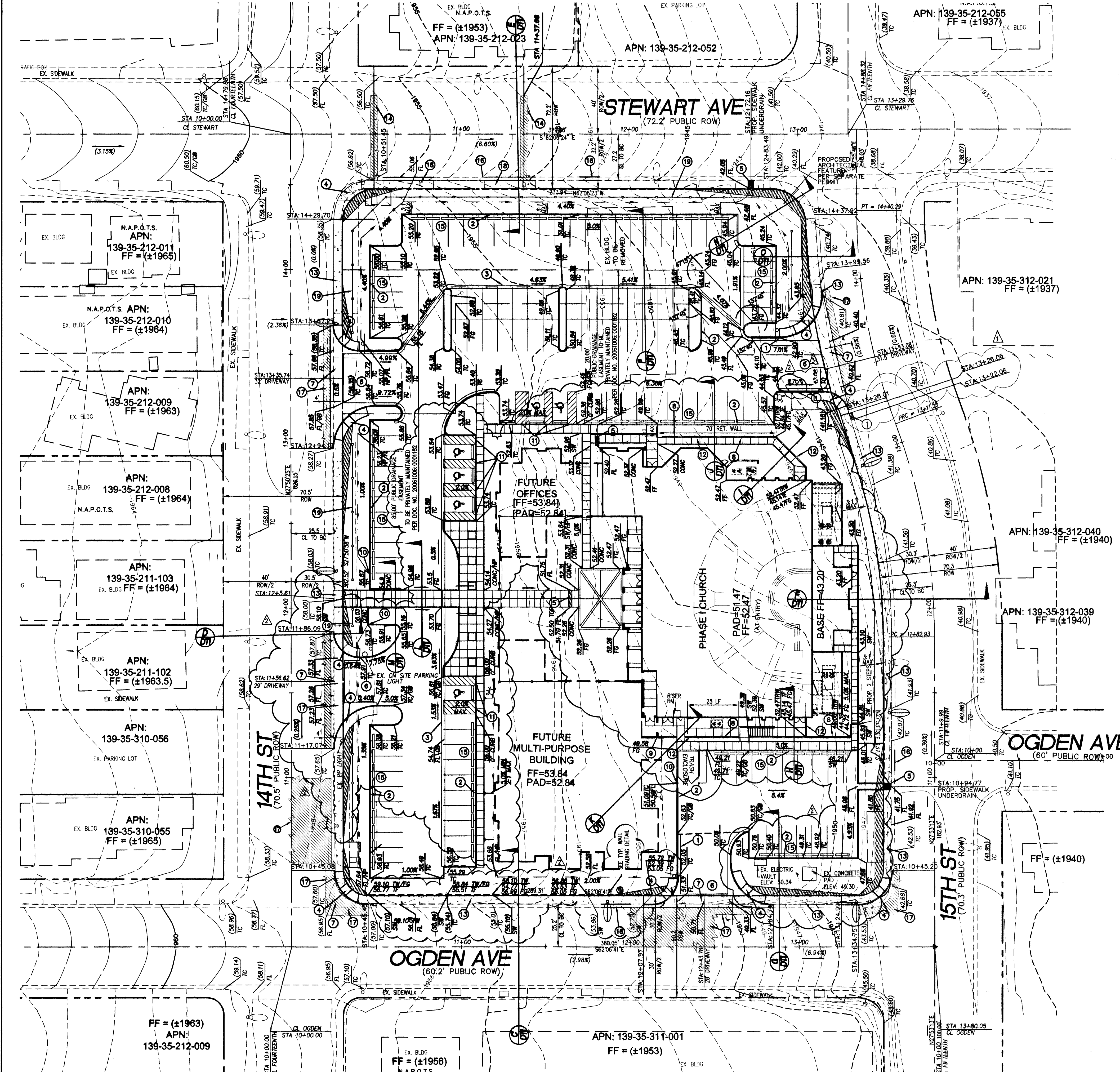




LEGEND

- CENTERLINE
- PROPERTY LINE
- EX. BUILDING
- EX. TOP OF CURB
- EX. SEWER
- EX. WATER
- EX. GAS
- PROPOSED EASEMENT
- PROPOSED PARKING
- 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 "Z" CONCRETE VALLEY GUTTER (SEE DETAIL "A"/SHEET 6 OF 7)
4. CONSTRUCT SIDEWALK RAMP PER COASD# 235, A-B-C
5. CONSTRUCT "Z" SIDEWALK UNDERDRAIN PER STD DWG NO. 238
6. CONSTRUCT COMMERCIAL DRIVEWAY PER STD DWG NO. 222A AND DWG NO. 225
7. CONSTRUCT "B" VALLEY GUTTER PER STD DWG NO. 228
8. CONSTRUCT "A" RETAINING WALL (SEE APPLICABLE DETAIL FOR ALL SECTION DETAILS)
9. CONSTRUCT SCREEN WALL
10. PROVIDE "Z" CURB OPENING TO ALLOW DRAINAGE
11. INSTALL "O" 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 # 6C
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 CLY 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 VIEW FENCE WITH DECORATIVE PLASTERS WITH 20% CONTRASTING MATERIALS AND CAP.

Call before you UnderGround

1-702-455-7511

CLARK COUNTY TRAFFIC OPERATIONS AND

1-702-229-8611

FREEWAY 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 POWER LINE 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 (DS3936).

JAMES P. LOPEZ, P.E. #14975

10/4/07

DATE

BASIS OF BEARING

THE CENTERLINE OF STEWART AVENUE BETWEEN THIRTEENTH STREET AND FOURTEENTH STREET BEARS SOUTH 82°05'37" EAST PER RECORD OF SURVEY: FILE 67, PAGE 79, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

10/5/08

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO STEWART 35 12 BEING A RIVET AND PLATEIN 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

6" SEWER	144 LF
8" 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)	5392 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

JPL ENGINEERING INC.

8620 SOUTH EASTERN AVE, SUITE 8
LAS VEGAS, NV 89123
Phone (702) 896-6269 • Fax (702) 896-0647

ST. BRIDGET'S CHURCH

GRADING PLAN

SEPTEMBER, 2007

REV.	DATE	DESCRIPTION	SH. NO.	APPROVAL
1	10-11-07	REVISED SEWER LATERAL CONNECTION & LOCATION		
2	10-15-07	REVISED SITE GRADING, RETAINING WALL, WALL HEIGHT AT GARDEN TRUSS ENCLOSURE LOCATION AND DRIVEWAY, SITE LOCATION		
3	10-15-07	ADDED GRADING ELEVATION, LIST OF ABBREVIATION, AND TOP WALL GRADING DETAIL		
4	10-15-07	REVISED DRIVEWAY ELEVATION AND SLOPE	6	

ST. BRIDGET'S CHURCH

10/4/07

JOB # 05-086

SHEET NO.:

GPI

3 OF 8 SHEETS

CLV DWG NO 10174732