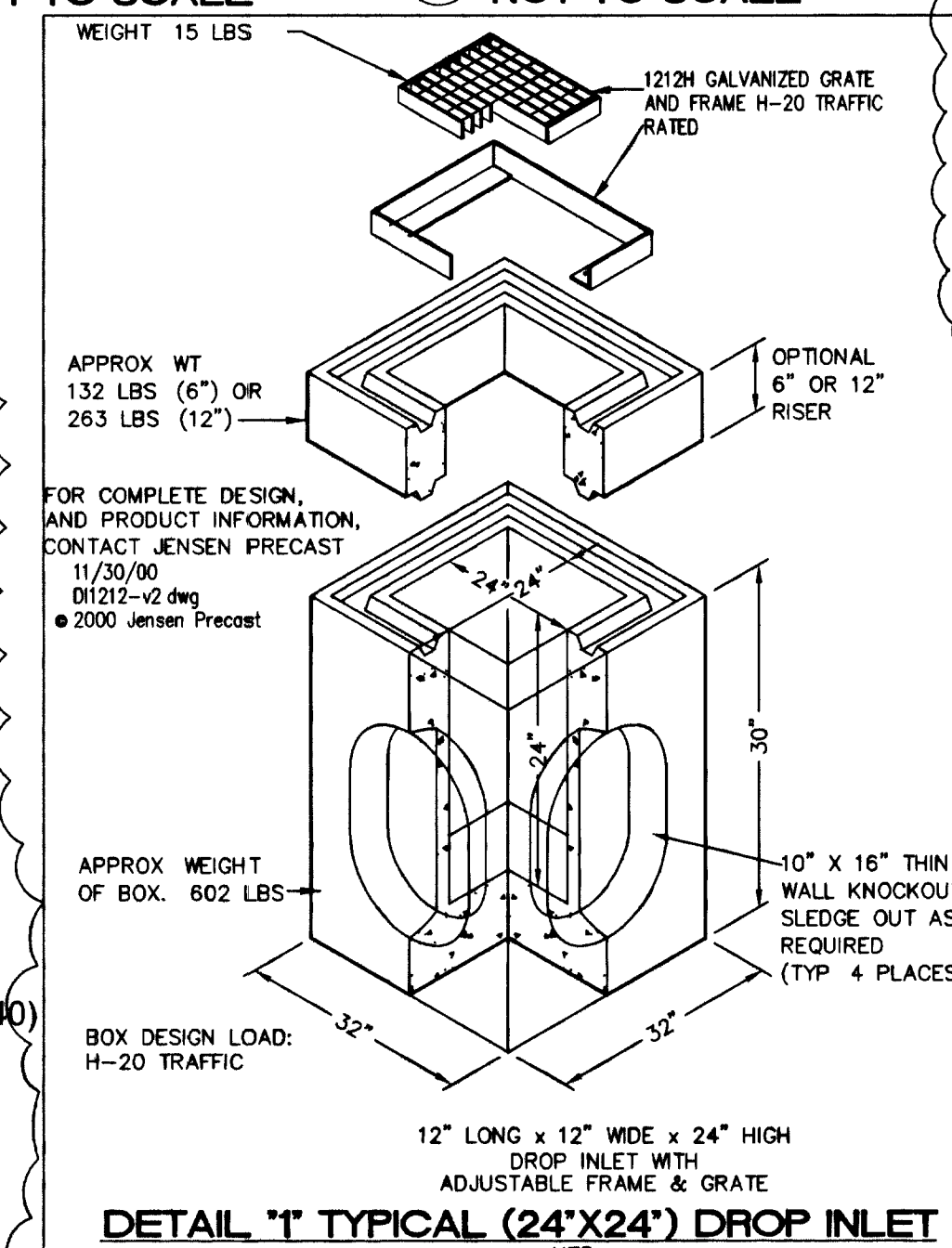
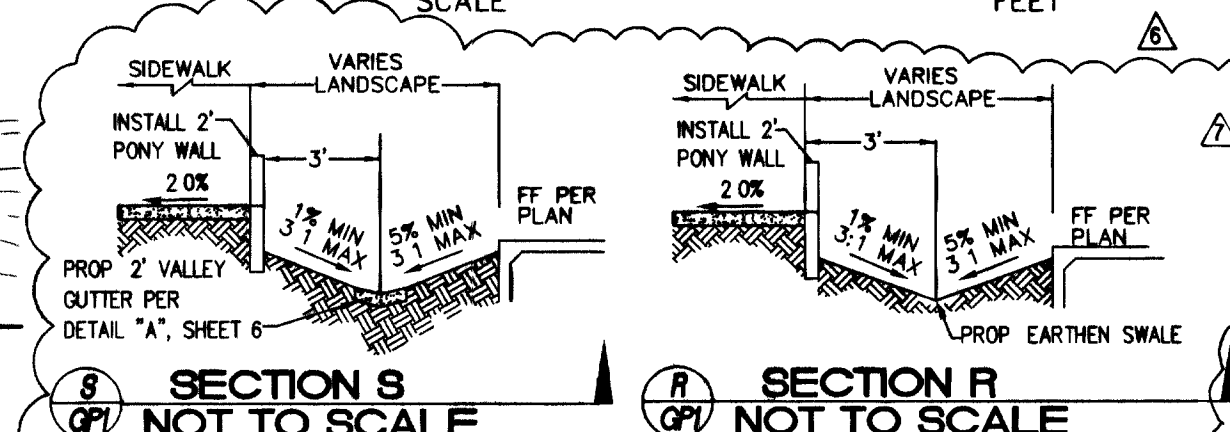
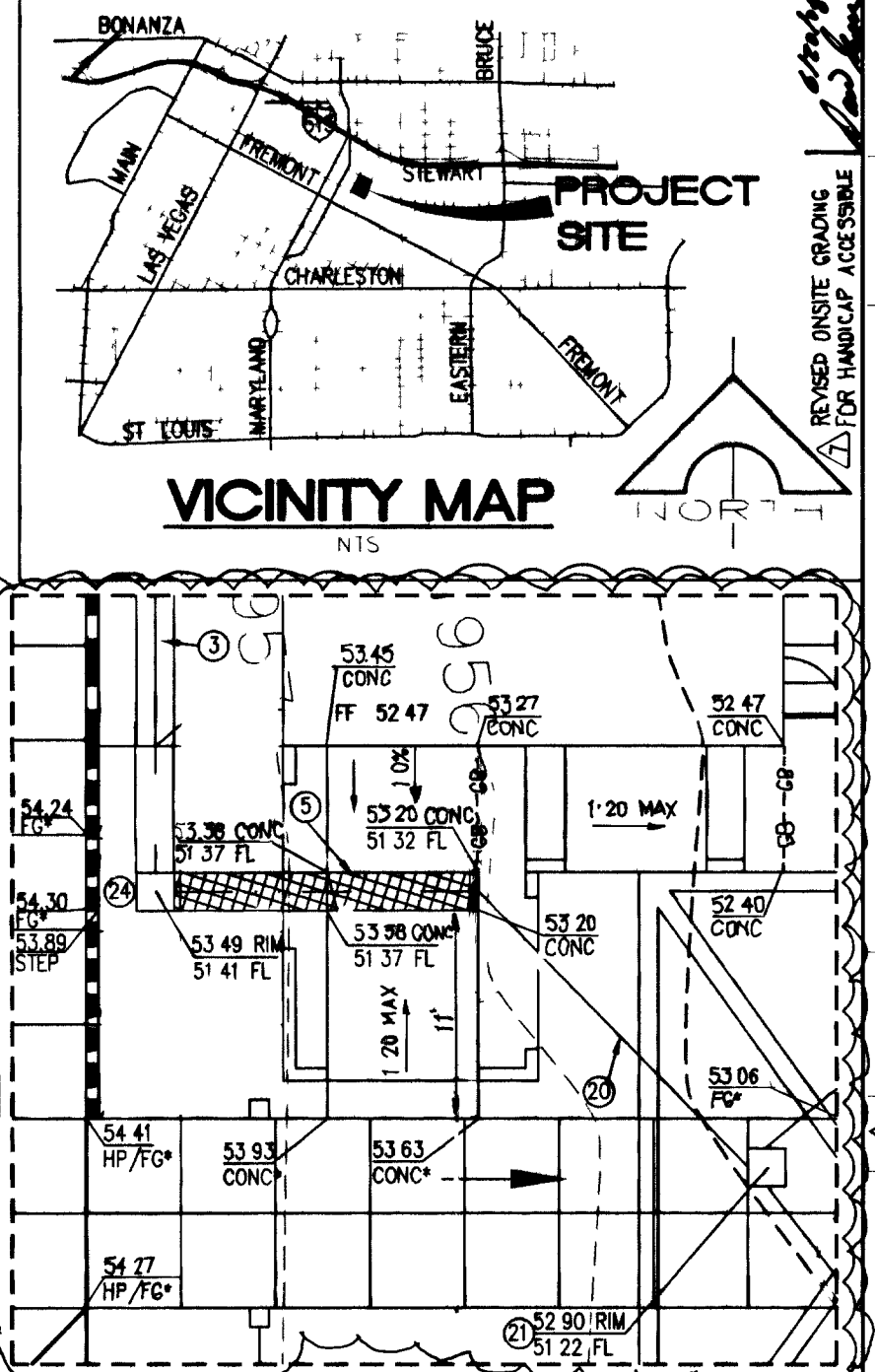
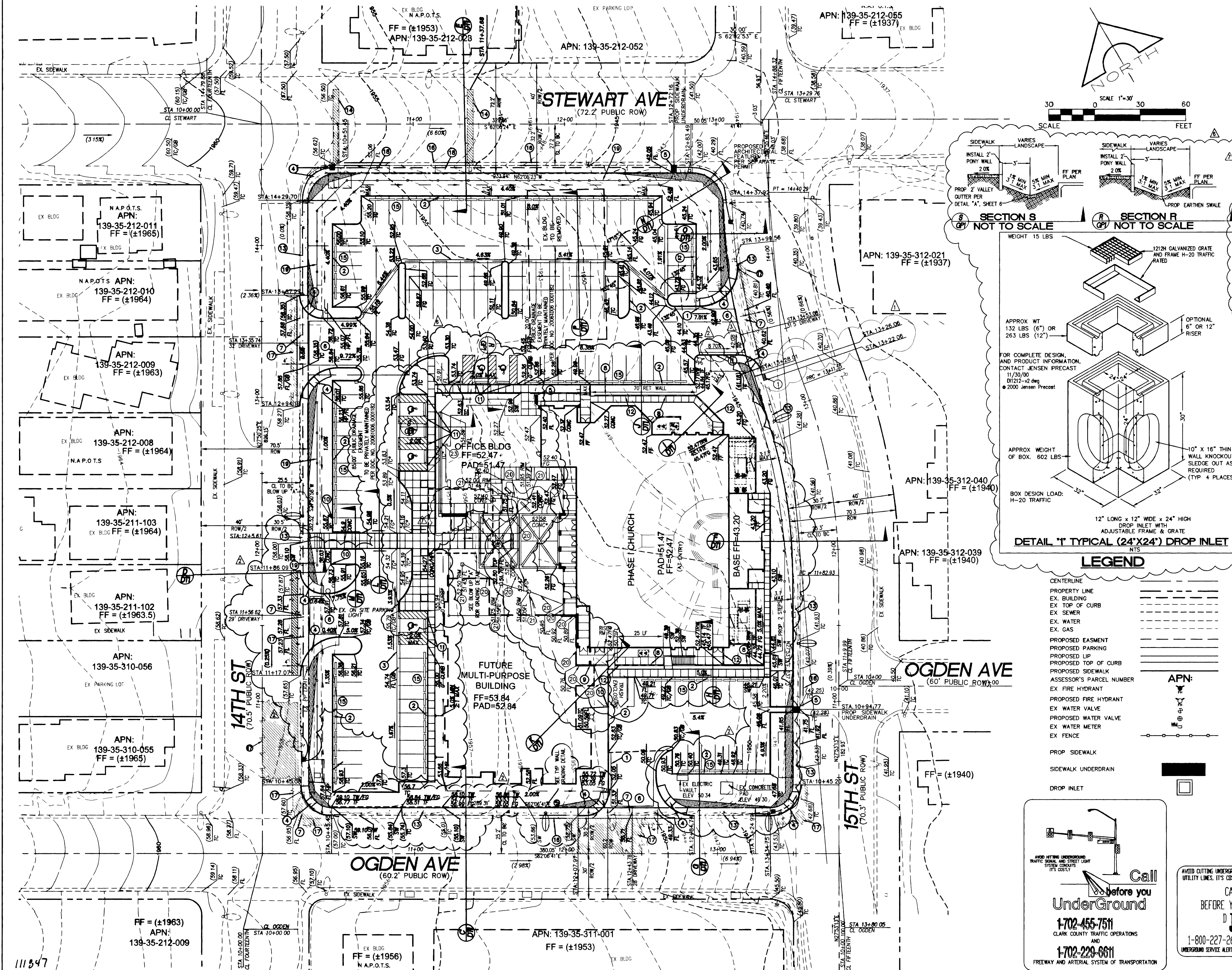


NOTE:

GRADE SHOWN ARE AS-BUILT

CONSTRUCTION ITEMS:

- 1. CONSTRUCT "L" TYPE CURB & GUTTER PER STD DWG NO 216.
- 2. CONSTRUCT "A" TYPE CURB & GUTTER PER STD DWG NO 216.
- 3. CONSTRUCT 2" CONCRETE VALLEY GUTTER (SEE DETAIL "A" SHEET 6 OF 7)
- 4. CONSTRUCT SIDEWALK RAMP PER CALSDWG 235, A-B=5'
- 5. CONSTRUCT 2" SIDEWALK UNDERDRAIN PER STD DWG NO. 238
- 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 6" TO 7'-6" 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 # 6C
- 15. INSTALL WHEEL STOPS PER STD DWG NO 238
- 16. REMOVE AND REPLACE DAMAGED AND SUB STANDARD CURB AND GUTTERS 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 FENCE WITH DECORATIVE PLASTERS WITH 2X6 CONTRASTING MATERIALS AND CAP.
- 20. INSTALL 4" PVC STORM DRAIN
- 21. INSTALL A 6" SQUARE GRATE PART NO 06 PER NDS
- 22. NOT USED
- 23. INSTALL 2" FLUME PER DETAIL "I" THIS SHEET
- 24. INSTALL 24" X 24" DROP INLET PER DETAIL "I", THIS SHEET

NOTE:

ALL ON-SITE STORM DRAIN SYSTEMS ARE PRIVATELY OWNED AND TO BE PRIVATELY MAINTAINED

CALL BEFORE YOU DIG
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

CALL BEFORE YOU OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-226-6611
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

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

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. 110075
5/2/08
DATE

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) NAVD83

FEMA INFORMATION
THE SUBJECT SITE IS LOCATED WITHIN FEMA ZONE X AS SHOWN ON FIRM 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
6" WATER MAIN 888 LF
8" WATER MAIN 71 LF
FIRE HYDRANT 2 EA
TYPE II GRAVEL BASE(PVT) 968 CY
3" ASPHALTIC CONCRETE PAV(PVT) 5362 SF

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

JPL ENGINEERING INC.
5096 W POST RD,
LAS VEGAS, NV 89118
Phone (702) 898-6269 • Fax (702) 850-6260

ST. BRIDGET'S CHURCH
GRADING PLAN
DECEMBER, 2007

PROFESSIONAL ENGINEER STATE OF NEVADA
JAMES P. LOPEZ
Exp 12-31-08
CIVIL
No 14975

JOB # 05-088
SHEET NO.:
GPI
3 OF 8 SHEETS
11/13/07
CLV DWG NO 10714732

REV. DATE DESCRIPTION
A 5/1/08 REVISION ELEVATION, AND ON-SITE STORM DRAIN & VALLEY GUTTER, AND SECTION R & S, AND ADD DETAIL "I"
B 5/2/08 APPROVAL