

# PROPOSED IMPROVEMENTS for SAINT JOSEPH, HUSBAND OF MARY CATHOLIC CHURCH

CITY OF LAS VEGAS,  
CLARK COUNTY, STATE OF NEVADA

BEING A PORTION OF THE SOUTHWEST QUARTER(SW 1/4)  
OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 3,  
TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.B. & M.  
IN THE CITY OF LAS VEGAS, CLARK COUNTY NEVADA

ESTIMATED QUANTITIES	
3" ASPHALTIC CONCRETE PAVING	764 SY
4" ASPHALTIC CONCRETE PAVING	5008 SY
TYPE I GRAVEL BASE	730 CY
TYPE II GRAVEL BASE	1239 CY
EXCAVATION & EMBANKMENT	2905 CY
CURB AND GUTTER	1135 LF
SIDEWALK	5990 SF
STREET LIGHT	7 EA
SIDEWALK UNDERDRAIN	1 EA
6" WATER MAIN	15 LF
FIRE HYDRANT	1 EA
6" SEWER	44 LF
18" SEWER	345 LF
WATER SERVICE	2 EA
SERVICE CONNECTION	1 EA

**GENERAL NOTES**

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA, NEVADA," LATEST EDITION, THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA," ANY OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY, THE UNIFORM BUILDING CODE AND ALL LOCAL CITY CODES.
- COMPLIANCE WITH AIR POLLUTION CONTROL REGULATIONS WILL BE REQUIRED AT ALL TIMES.
- CONTRACTOR TO COORDINATE WITH A CITY OF LAS VEGAS INSPECTOR AS TO THE EXACT LOCATION OF ALL SAWCUT LINES IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS. EXISTING UTILITIES ARE LOCATED ON THE PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS ARE NOT SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE. SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR RECONSTRUCTED SATISFACTORY TO THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT BACKFILL ANY TRENCHES IN WHICH WATERLINES HAVE BEEN UNCOVERED UNTIL THE WATERLINES HAVE BEEN INSPECTED BY THE LAS VEGAS VALLEY WATER DISTRICT. THE WATER DISTRICT SHALL BE NOTIFIED 48 HOURS IN ADVANCE OF CONSTRUCTION IN THE VICINITY OF WATER LINES.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY ALTERATIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE DESIGNED FOR A 5.5 BAGS MAX WITH A MINIMUM WATER/CEMENT RATIO OF 0.45 (OR AS DESIGNED BY THE SOILS ENGINEER). MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.
- THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER AND/OR TELEPHONE FACILITIES SO AS TO SAFELY PROTECT ALL PERSONAL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED CURB TYPE.
- CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS (4/10) OF ONE PERCENT (1%) SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
- APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS & ADJUSTMENTS HAVE BEEN MADE.
- FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF INCH ABOVE THE LIP OF THE GUTTER INCLUDING OPEN GRADE.
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO SAID CONSTRUCTION. EXTENTS OF TRANSITIONS TO BE DETERMINED BY THE CITY ENGINEER AND AS SHOWN ON THE PLANS.
- ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORD WITH N.R.S. STATUTE NO. 625.550.
- FIRE HYDRANTS REQUIRED WITHIN 500' OF ALL BUILDING AREAS.

**SEWER NOTES**

- ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
- CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER CURB.
- POLYVNYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVEL.
- ALL MANHOLES IN PAVED STREETS 80 FT. R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12 IN. DIA SIZE. CONNECTIONS TO 15 IN. OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
- A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18 IN. UNDER A WATER MAIN, MUST BE REINFORCED CONCRETE ENCASED PIPE FOR A DISTANCE OF NOT LESS THAN TEN FEET (10') ON EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.

**INDEX**

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SITE PLAN
3	SAHARA AVENUE PLAN & PROFILE
4	TENAYA WAY PLAN & PROFILE
5	VIA OLIVERO PLAN & PROFILE
6	STREET LIGHT PLAN
7	SITE PLAN - TEMPORARY FACILITIES
8	SEWER PLAN AND PROFILE
2B	SITE & GRADING PLAN (ADDED DUE TO REVISIONS)
6A	NOTE SHEET

**OWNER/DEVELOPER**

THE ROMAN CATHOLIC BISHOP OF RENO - LAS VEGAS  
2300 PASEO DEL PRADO, BLDG. B SUITE 204  
LAS VEGAS, NEVADA 89102  
(702) 873-4600  
ATTN. REV. JOSEPH L. ANTHONY

**PREPARED BY**

**CASHDAN**  
STRUCTURAL ENGINEERING  
CIVIL ENGINEERING  
FORENSIC ENGINEERING

3101 S. MARYLAND PARKWAY SUITE 210  
LAS VEGAS, NEVADA 89109  
(702) 735-7895 FAX (702) 735-3190

**APPROVALS**

NEVADA POWER COMPANY <small>(APPROVAL FOR STREET LIGHT PLACEMENT AND CLEARANCE)</small>	DATE
SOUTHWEST GAS CORPORATION	DATE
SPRINT/CENTRAL TELEPHONE	DATE
<i>[Signature]</i> LAS VEGAS VALLEY WATER DISTRICT	6/15/95 DATE
CITY OF LAS VEGAS ENGINEER	DATE

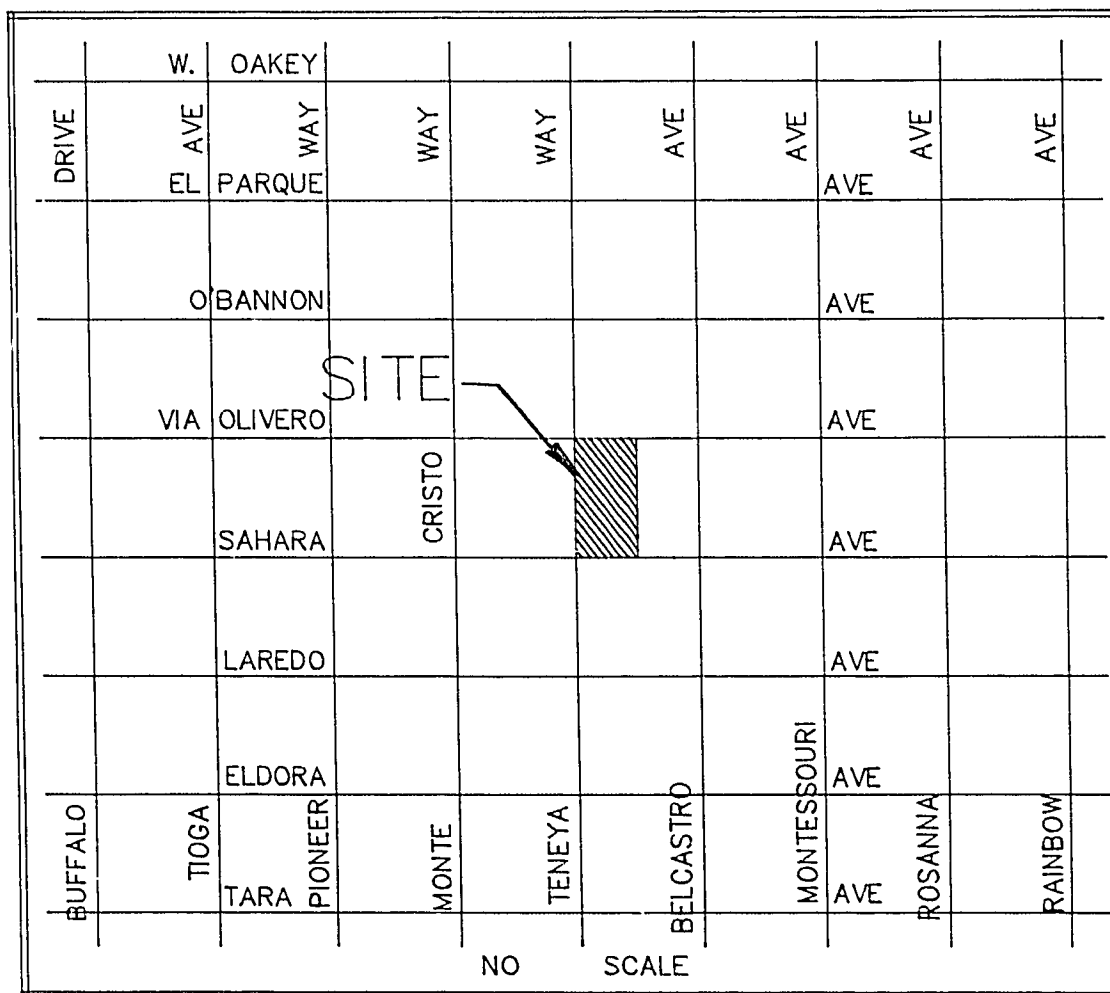
ENGINEER'S STAMP FOR REVISIONS TO DRAWINGS FOR REVISION 3 & 4.

ENGINEER ACCEPTS NO OTHER RESPONSIBILITY FOR PREVIOUS WORK PREPARED BY JAS CASHDAN.

**NOTES:**  
ALL UTILITIES SHOWN ARE BELIEVED TO BE LOCATED ACCURATELY, BUT THE ACCURACY AND COMPLETENESS OF UTILITY INFORMATION IS NOT GUARANTEED. FOR EXACT LOCATION OF ANY UTILITY SEE THE APPROPRIATE UTILITY OR GOVERNMENTAL AGENCY.

AVOID CUTTING UTILITY LINES IT'S COSTLY

CALL before you DIG.  
1-800-227-2600



**LOCATION MAP**

**BENCHMARK**

NO. 7C10 10N66 - DRIVE RIVET IN 2"x2" ALUMINUM PLATE IN NORTHWEST CORNER OF FIRE HYDRANT BASE, AT THE SOUTHEAST CORNER OF SAHARA AVE. & MONTESSOURI ST. ELEVATION 2419.186 (CLARK COUNTY DATUM)

DATE	REVISIONS
4-24-90	PER CIV & LVWD REVIEW
6-4-91	ADDED SHEET 2B DUE TO OWNER REV
3-18-95	REVISOR NOTES PER SHT 6A, B ADDED NEW APPROVAL BLOCK RE'D DUE TO TIME LAPSE.

**APPROVAL**

*[Signature]*  
CITY OF LAS VEGAS  
CITY ENGINEER

4-21-95  
DATE

DATE: MARCH 23, 1990  
PROJECT NO.: 89-604

SHEET 1 OF 8

30-2-55 107-V1795