GENERAL NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF THE CITY OF FORT WORTH STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION.
2. THE LOCATIONS OF ALL EXISTING UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM EXISTING PUBLIC RECORDS OR PROVIDED BY VARIOUS OWNERS OF THE FACILITIES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF VERTICAL AND HORIZONTAL LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. SUCH VERIFICATION SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS. NOTIFY THE PROJECT INSPECTOR PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING UTILITIES.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WITH FACILITIES IN PROJECT AREA 48 HOURS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE PROPER UTILITY COMPANIES TO RELOCATE, BRACE, AND SUPPORT ANY UTILITY IN CONFLICT WITH THE PROPOSED STRUCTURE OR CONSTRUCTION. ALL ASSOCIATED WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS. ANY REPAIR TO THE DAMAGED EXISTING UTILITIES SHALL BE THE COST OF CONTRACTOR.
4. PUBLIC OR PRIVATE UTILITY LINES MAY EXIST THAT ARE NOT SHOWN ON THE CONSTRUCTION PLANS. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE INTEGRITY OF THESE LINES. SUCH WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS.
5. A TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) PERMIT WILL BE REQUIRED WHEN ENTERING/CROSSING RIGHT-OF-WAY OF TXDOT. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING TXDOT 48 HOURS PRIOR TO CONSTRUCTION.
6. TRENCH SAFETY PLAN SHALL BE STAMPED, SIGNED, AND DATED BY A LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE PROJECT ENGINEER BEFORE OR DURING PRE-CONSTRUCTION MEETING.
7. THREE COPIES OF "STORM WATER POLLUTION PREVENTION PLAN (SWPPP)" SEALED BY A LICENSED PROFESSIONAL ENGINEER SHALL BE SUBMITTED TO THE PROJECT ENGINEER AT LEAST 10 WORKING DAYS PRIOR TO CONSTRUCTION. A "NOTICE OF INTENT" (NOI) SHALL BE INCLUDED IN THE SUBMITTAL IF THE PROJECT IS 5 ACRES IN SIZE OR LARGER. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A NOTICE OF TERMINATION (NOT) WITHIN 30 DAYS OF THE PROJECT COMPLETION.
8. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO PUBLIC WORKS/TRANSPORTATION DEPARTMENT – TRANSPORTATION DIVISION FOR APPROVAL FOR ANY UTILITY AND STREET WORK THAT WILL CAUSE LANE CLOSURES. AT LEAST ONE LANE TRAFFIC SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN APPROVED TRAFFIC CONTROL PLAN TO THE PROJECT INSPECTOR.
9. THE CONTRACTOR SHALL NOTIFY THE PROJECT INSPECTOR AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION IN ORDER TO COORDINATE CONSTRUCTION, ADMINISTRATION, AND INSPECTION ACTIVITIES.
10. ALL WATER AND SANITARY SEWER WORK REQUIRED WITHIN THE PRIVATE PROPERTY SHALL BE PERFORMED BY A LICENSED PLUMBER. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER AND IMMEDIATELY COMMENCE SURFACE RESTORATION TO AN EQUAL OR BETTER CONDITION AFTER THE WATER AND SEWER WORK IS COMPLETE.
11. THE CONTRACTOR SHALL AVOID DAMAGING ANY EXISTING SPRINKLER SYSTEM THAT MAY BE IN THE CONSTRUCTION AREA. REMOVED OR DAMAGED SPRINKLER SYSTEM SHALL BE REPAIRED BY A LICENSED IRRIGATOR. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS.
12. THE CONTRACTOR SHALL AVOID DAMAGING ANY LANDSCAPING THAT MAY BE IN THE CONSTRUCTION AREA. REPLACING DAMAGED LANDSCAPING SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.
13. REMOVAL OF TREES AND OTHER EXISTING STRUCTURES SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL OR APPROVED BY THE PROJECT INSPECTOR.
14. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF EACH WORKING DAY. THE CONTRACTOR SHALL PROVIDE ALL FENCING AND/OR BARRICADES TO MAINTAIN PUBLIC SAFETY AROUND THE CONSTRUCTION AREA.
15. THE CONTRACTOR SHALL CLEAN UP DIRT AND DEBRIS IN THE PAVED AREAS TO ENSURE THE STREET IS IN DRIVABLE CONDITION AT THE END OF EACH WORKING DAY.
16. EXISTING MAIL BOXES SHALL BE PROTECTED AND MAIL SERVICE SHALL NOT BE INTERRUPTED.
17. ALL WATER AND SANITARY SEWER LINES USING DUCTILE IRON PIPE SHALL BE CLASS 350 UNLESS OTHERWISE SHOWN ON THE CONSTRUCTION PLANS OR BID ITEMS. ALL DUCTILE IRON PIPES SHALL BE WRAPPED BY POLYETHYLENE ENCASEMENT TO MEET ANSI/AWWA C105/A21.5 SPECIFICATIONS WITH A MINIMUM 8MIL THICKNESS.
18. ALL PIPE FITTINGS SHALL BE DUCTILE IRON AND RESTRAINED WITH BOTH CONCRETE BLOCKING AND MEGALUGS. ALL PIPE FITTINGS SHALL BE CONSIDERED SUBSIDIARY TO THE PIPE PRICES.
19. REMOVAL, SALVAGE, AND ABANDONMENT OF THE EXISTING WATER AND SEWER LINES SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS.
20. REMOVAL AND HAUL-OFF EXCESS CONSTRUCTION MATERIALS FROM THE CONSTRUCTION SITE SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS.
21. ALL EXISTING FENCES REMOVED OR DAMAGED BY CONSTRUCTION SHALL BE REPLACED OR RESTORED WITH SAME TYPE, STYLE, AND MATERIAL TO AN EQUAL OR BETTER CONDITION. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.
22. ALL TEMPORARY FENCES SHALL BE INSTALLED TO PROTECT PRIVATE PROPERTIES WHEN THE CONSTRUCTION WORK IS PERFORMED WITHIN THE EASEMENTS. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.

WATER NOTES:

1. ALL WATER MAINS USING PVC PIPE SHALL BE IN COMPLIANCE WITH AWWA C900 OR C905.
2. CLASS "C" EMBEDMENT SHALL BE USED FOR ALL WATER MAINS.
3. THERE SHALL BE A MINIMUM COVER OF FORTY-TWO INCHES (42") OVER THE WATER PIPE AS MEASURED FROM THE TOP OF THE PIPE TO THE EXISTING GROUND, OR THE PROPOSED FINISHED GRADES, WHICHEVER IS GREATER.
4. FIRE HYDRANTS SHALL BE LOCATED THREE TO FIVE FEET (3'-5') FROM BACK OF THE CURB, AND SHALL NOT EXCEED EIGHT FEET (8') FROM BACK OF THE CURB UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN.
5. WHEN REPLACING WATER SERVICES, ALL EXISTING WATER METER BOXES SHALL BE REPLACED AND THE METERS SHALL BE RELOCATED TO THREE FEET (3') BACK OF THE CURB OR AS SHOWN ON THE CONSTRUCTION PLANS.
6. ALL VALVE BOXES SHALL BE ADJUSTED UP TO THE FINISHED PAVEMENT GRADE. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.
7. NO WELDED OUTLET IS ALLOWED FOR THE DUCTILE IRON WATER LINE.

SANITARY SEWER NOTES:

1. ALL SANITARY SEWER MAINS USING PVC PIPE SHALL BE SDR-26, HEAVY WALL, IN COMPLIANCE WITH ASTM D-3034 LATEST REVISION.
2. CLASS "B" EMBEDMENT SHALL BE USED FOR ALL SANITARY SEWER MAINS.
3. THE CONTRACTOR SHALL ENSURE ALL THE EXISTING SEWER SERVICES THAT CAN BE RECONNECTED OR REROUTED TO THE NEW MAINS. THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER ANY POTENTIAL CONFLICTS PRIOR TO CONSTRUCTION SO THE MODIFICATION CAN BE MADE IF NECESSARY.
4. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION TELEVISION INSPECTION OF ALL THE EXISTING SEWER LINES TO BE ABANDONED OR REHABILITATED BY OTHER THAN OPEN CUT TO VERIFY THE SERVICE LOCATIONS AND LINE CONDITIONS. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.
5. ALL SEWER SERVICES SHALL BE REPLACED WITH 4" PVC FROM THE NEW MAIN TO THE PROPERTY LINE OR EASEMENT LINE UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.
6. THE CONTRACTOR SHALL VERIFY THE EXISTING SANITARY SEWER SLOPE PRIOR TO MAKING CONNECTION. SLOPE OF THE NEW MAIN AND THE EXISTING MAIN SHALL MATCH UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN. A REDUCER SHALL BE USED WHEN A LARGER SIZE LINE CONNECTS TO A SMALLER SIZE LINE.
7. THE CONTRACTOR SHALL VERIFY THE SIZE, ELEVATION, AND MATERIAL OF THE EXISTING LINE PRIOR TO ORDERING PREFABRICATED MANHOLE.
8. REWORK THE INVERT WHERE TYING INTO AN EXISTING MANHOLE.
9. BYPASS PUMP REQUIRED FOR PERFORMING CONSTRUCTION WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.
10. ALL MANHOLE AND CLEANOUT SHALL BE ADJUSTED UP TO THE FINISHED PAVEMENT GRADE. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO ALL OTHER BID ITEMS UNLESS OTHERWISE INDICATED ON THE CONSTRUCTION PLAN OR BID PROPOSAL.

ST. TERESA OF CALCUTTA CATHOLIC CHURCH
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GENERAL NOTES

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