GENERAL NOTES

1. ALL BASELINES AND BENCHMARKS SHALL BE ESTABLISHED BY THE OWNER. THE OWNER SHALL PROVIDE THE CONSTRUCTION STAKING.
2. ALL UNDERGROUND UTILITY LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES AND NOTIFYING THE VARIOUS UTILITIES BEFORE CONSTRUCTION. THE DETERMINATION OF THE LOCATIONS OF THE UTILITIES SHALL NOT BE CONSIDERED SUFFICIENT BASIS FOR CLAIMS FOR ADDITIONAL COMPENSATION FOR EXTRA WORK OR FOR INCREASING THE PAY QUANTITIES IN ANY MANNER WHATSOEVER.
3. ALL GAS, TELEPHONE, CABLE AND POWER LINES TO BE ADJUSTED SHALL BE ADJUSTED BY OTHERS.
4. ALL ADJACENT PROPERTY DAMAGED BY THE PROPOSED CONSTRUCTION SHALL BE RESTORED TO EQUAL OR BETTER CONDITION THAN WHICH IT WAS FOUND BEFORE SUCH WORK WAS UNDERTAKEN (NON-PAY ITEM).
5. PAVEMENT REPAIR PAY QUANTITIES WILL BE LIMITED TO THE MAXIMUM TRENCH WIDTH PLUS TWO FEET.
6. ANY WATER METERS THAT FALL WITHIN THE PROPOSED SIDEWALK SHALL BE RELOCATED.
7. THE CONTRACTOR SHALL MEET ALL THE REQUIREMENTS AS STIPULATED BY THE CITY & OSHA FOR TRENCH SAFETY FOR ALL TRENCHING CONDUCTED IN THE PROJECT.
8. THE CONTRACTOR SHALL NOT BE PERMITTED TO HAVE ANY OPEN TRENCHES AT THE END OF EACH WORKING DAY UNLESS APPROVED BY THE ENGINEER.
9. ALL CUT AND FILL SLOPES SHALL BE 3:1 EXCEPT AS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. CUT SLOPES MAY BE STEEPENED TO PROTECT EXISTING TREES AND FENCES ONLY WITH PRIOR APPROVAL OF THE ENGINEER. ALL PROPERTY ADJACENT TO THE PROPOSED CONSTRUCTION SHALL BE GRADED AS DIRECTED BY THE ENGINEER (NON-PAY ITEM).
10. TRENCH BACKFILL SHALL BE IN ACCORDANCE WITH CITY DETAILS. NO WATER JETTING WILL BE ALLOWED. A 2 INCH LAYER OF LEVELING SAND IS REQUIRED UNDER SIDEWALKS.
11. THE CONTRACTOR SHALL PRESERVE ALL EXISTING PAVEMENT, SHOULDERS, DRIVEWAYS AND SIDEWALKS BEYOND THE LIMITS OF WORK. THE REMOVAL AND REPLACEMENT OF THE SAID ITEMS SHALL ONLY BE DEEMED NECESSARY IN ORDER TO COMPLETE THE PROJECT OR AS DIRECTED BY THE ENGINEER. ANY DAMAGE NOT DEEMED NECESSARY FOR THE COMPLETION OF SAID PROJECT SHALL BE REPLACED TO EQUAL OR BETTER CONDITIONS AS A NON-PAY ITEM.
12. WHERE APPLICABLE, THE CONTRACTOR SHALL PLACE RUBBER MATS OR EARTH ON THE PAVEMENT TO PROTECT IT FROM TRACK MARKS AND/OR CRACKING DURING CONSTRUCTION (NON-PAY ITEM).
13. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED AT ALL INTERSECTING STREETS AS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
14. THE OWNER WILL NOT REIMBURSE THE CONTRACTOR FOR ANY WATER USED TO PERFORM THE WORK AS REQUIRED IN THE CONTRACT.
15. ALL DISTURBED AREAS SHALL BE FINISHED TO GRADE, SMOOTHED WITH A SUITABLE CEMENT FREE TOP SOIL (4" MINIMUM) AND SEEDED OR SODDED AS OUTLINED IN THE PLANS OR DIRECTED BY THE ENGINEER.
16. ALL EXCAVATED MATERIAL DEEMED EXCESS OR UNSUITABLE SHALL BE DISPOSED OF BY THE CONTRACTOR.
17. ALL EXISTING PAVEMENT, CURB AND GUTTER, AND SIDEWALK TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR.
18. THE CONTRACTOR SHALL PRESERVE ALL TREES, SHRUBS, SPRINKLER SYSTEMS, FENCES, MAIL BOXES AND OTHER PROPERTY OWNER IMPROVEMENTS NOT NOTED FOR REMOVAL. THE REMOVAL AND/OR REPLACEMENT OF THE SAID PROPERTY OWNER IMPROVEMENTS BY THE CONTRACTOR SHALL BE CONSIDERED AS A NON-PAY ITEM UNLESS A PAY ITEM EXISTS FOR THE SPECIFIC IMPROVEMENT.
19. THE CONTRACTOR SHALL GIVE THE CITY, RESIDENTS AND BUSINESSES AFFECTED BY ANY ANTICIPATED WATER OR SEWER SERVICES DISRUPTIONS AT LEAST FORTY EIGHT (48) HOURS PRIOR NOTICE.
20. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL WATER AND SEWER LINES CROSSING THE PROJECT. THE CONTRACTOR SHALL REPAIR ALL DAMAGED LINES IMMEDIATELY. ALL REPAIRS OF EXISTING WATER MAINS, WATER SERVICES, SEWER MAINS, AND SANITARY SEWER SERVICES SHALL BE CONSIDERED A NON-PAY ITEM.
21. ALL FILL COMPACTION SHALL BE PER THE GEOTECHNICAL REPORT BY ALPHA TESTING, INC. REPORT NO. 96377.

TRAFFIC AND ACCESS CONTROL

1. THE CONTRACTOR SHALL ROUTE TRAFFIC AND BARRICADE ALL ROADS AS REQUIRED BY THE CITY OF ROCKWALL TRAFFIC AND TRANSPORTATION DEPARTMENT. ALL BARRICADES, SIGNS AND TRAFFIC CONTROL DEVICES REQUIRED FOR THE PROJECT SHALL BE CONSIDERED AS A NON-PAY ITEM. A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE TRAFFIC OPERATION SUPERVISOR PRIOR TO CONSTRUCTION.
2. ALL DRIVEWAY AND SIDEWALK CROSSINGS WHICH ARE OPEN CUT SHALL HAVE AT LEAST A TEMPORARY PAVEMENT REPAIR AT THE END OF EACH DAY. A 2" ASPHALTIC CONCRETE SURFACE SHALL BE INSTALLED WITHIN TWENTY-FOUR (24) HOURS
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL CROSS STREETS (NON-PAY ITEM).
4. THE CONTRACTOR SHALL MAINTAIN AT LEAST A 24 FOOT EDGE TO EDGE ALL WEATHER RIDING SURFACE AT ALL TIMES TO PERMIT LOCAL TRAFFIC FLOW.
5. ALL LOCAL RESIDENTS WHO WILL BE DENIED ACCESS TO THEIR DRIVEWAYS SHALL BE NOTIFIED BY THE CONTRACTOR TWO (2) WORKING DAYS PRIOR TO THE CLOSURE OF RIDING SURFACE AT ALL TIMES TO PERMIT LOCAL TRAFFIC FLOW.
6. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL BUSINESS LOCATIONS AT ALL TIMES DURING THE CONSTRUCTION.

SANITARY SEWER NOTES

1. ALL SEWER PIPE MUST BE D-3034 PVC DR-35.
2. CONTRACTOR MAY USE STANDARD PRECAST CONCRETE MANHOLES OR CAST-IN-PLACE MANHOLES.
3. THE CONTRACTOR SHALL MAINTAIN FLOW IN THE EXISTING SANITARY SEWER MAIN LINES AND PROVIDE ALL SANITARY SEWER BY-PASSES AS REQUIRED TO PERFORM THE WORK UNTIL ALL CONNECTIONS HAVE BEEN MADE TO THE PROPOSED SYSTEM (NON-PAY ITEM).
4. IF A SANITARY SEWER OVERFLOW OR SPILL OCCURS DURING THE REPLACEMENT OF AN EXISTING SANITARY SEWER MAIN OR IF A SANITARY SEWER OVERFLOW OR SPILL OCCURS FROM AN EXISTING SANITARY SEWER MAIN THAT IS DISTURBED DURING OTHER CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE WATER UTILITIES DIVISION OF PUBLIC WORKS. THE CONTRACTOR SHALL TAKE WHATEVER STEPS HE DEEMS NECESSARY OR AS INSTRUCTED BY THE ENGINEER TO CONTAIN OR RE-ROUTE THE SPILL OR OVERFLOW UNTIL WATER UTILITIES HAS INVESTIGATED THE SPILL OR OVERFLOW. IF THE SPILL OR OVERFLOW HAS OCCURRED DUE TO THE CONTRACTOR'S CONSTRUCTION, HE SHALL BE RESPONSIBLE TO TAKE THE STEPS NECESSARY TO REMEDY THE INCIDENT AS INSTRUCTED BY WATER UTILITIES OR AS DIRECTED BY THE ENGINEER.
5. ALL CONNECTIONS TO EXISTING MANHOLES SHALL BE CONSIDERED AS A NON-PAY ITEM.
6. ALL MANHOLE CASTINGS AND FRAMES WHICH ARE REMOVED SHALL REMAIN THE PROPERTY OF THE CITY OF ROCKWALL AND SHALL BE TRANSPORTED BY THE CONTRACTOR TO THE CITY STOCK YARD.
7. THE CONTRACTOR SHALL BE REQUIRED, IF NECESSARY, TO CONSTRUCT ADDITIONAL MANHOLES (NOW SHOWN ON THE PLANS) TO CONNECT THE COMMERCIAL SANITARY SEWER SERVICE LATERALS. ALL COMMERCIAL SANITARY SEWER LATERALS SHALL BE CONNECTED TO THE PROPOSED SANITARY SEWER LINE UTILIZING A STANDARD FOUR (4) FOOT DIAMETER MANHOLE. THE CONTRACTOR SHALL CONSTRUCT ALL MANHOLES FOR THE COMMERCIAL SERVICES AT A LOCATION AS DETERMINED BY THE ENGINEER. NO SEPARATE PAYMENT SHALL BE MADE FOR THE COMMERCIAL SANITARY SEWER SERVICE LATERAL INSTALLATION, IT SHALL BE CLASSIFIED AND PAID ACCORDING TO THE APPROPRIATE BID ITEM (LONG OR SHORT SANITARY SEWER SERVICE) AS DETERMINED BY THE ENGINEER. ALL MANHOLES REQUIRED SHALL BE PAID AT THE UNIT BID PRICE AS STATED FOR A STANDARD FOUR (4) FOOT DIAMETER MANHOLE IN THE BID PROPOSAL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND CONNECTING THE EXISTING SANITARY SEWER SERVICES TO THE NEW SEWER MAIN. ALL SEWER SERVICE TRANSFERS TO THE NEW MAIN SHALL BE MADE AFTER THE MAIN HAS BEEN TESTED AND APPROVED (EXCEPT WHEN THE PROPOSED SANITARY SEWER LINE IS TO BE PLACED IN THE SAME TRENCH AS THE EXISTING SANITARY SEWER LINE) OR AS DIRECTED BY THE ENGINEER. NO SEWER SERVICE SHALL BE DISRUPTED LONGER THAN SIX (6) HOURS. ALL SEWER SERVICES SHALL BE P.V.C. (SDR-35) SANITARY SEWER PIPE, EXCEPT AS NOTED BY THE ENGINEER. THE CONTRACTOR MAY OPEN CUT DRIVEWAYS TO INSTALL SEWER SERVICES UNLESS SPECIFIED OTHERWISE ON THE PLANS.
THE ENGINEER MAY CHANGE AND ALTER THE LINE, GRADE AND FORM OF THE PROPOSED SANITARY SEWER SERVICES AS MAY BE NECESSARY OR DESIRABLE TO INSURE COMPLETION OF SUCH SERVICES IN THE MOST SATISFACTORY MANNER. SUCH CHANGES SHALL NOT BE CONSIDERED SUFFICIENT BASIS FOR CLAIMS FOR ADDITIONAL COMPENSATION FOR EXTRA WORK OR FOR INCREASING THE PAY QUANTITIES IN ANY MANNER WHATSOEVER.
9. WHEN THE PROPOSED SANITARY SEWER LINE IS TO BE PLACED IN THE SAME TRENCH AS THE EXISTING SANITARY SEWER LINE, THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT, MATERIALS AND LABOR REQUIRED TO ROUTE THE UPSTREAM SEWER FLOW IN THE EXISTING P.V.C. LINE INTO THE DOWNSTREAM MANHOLE AND INTO THE PROPOSED P.V.C. LINE THAT IS INSTALLED DOWNSTREAM DURING THE CONSTRUCTION (NON-PAY ITEM). THE CONTRACTOR SHALL INSTALL THE SANITARY SEWER SERVICES AND TRANSFER THE SANITARY SERVICES AS THE PROPOSED P.V.C. LINE IS INSTALLED. THE CONTRACTOR SHALL NOT BE REQUIRED TO PRESSURE TEST THIS SECTION OF THE PROPOSED LINE AFTER THE INSTALLATION IS COMPLETED. THE CONTRACTOR SHALL MAKE A TEMPORARY CONNECTION BETWEEN THE PROPOSED P.V.C. LINE THAT IS INSTALLED AND THE EXISTING P.V.C. LINE AT THE END OF EACH WORKING DAY TO MAINTAIN FLOW IN THE SEWER LINE (NON-PAY ITEM).
10. ABANDONMENT OF EXISTING CLEANOUTS IS A NON-PAY ITEM AND IS CONSIDERED SUBSIDIARY TO ABANDONMENT OF SANITARY SEWER MAIN.

EROSION & SEDIMENTATION CONTROL NOTES

1. SEDIMENT CONTROL DEVICES SHALL BE INSTALLED AS INDICATED ON THE PLANS PRIOR TO ANY EMBANKMENT OR EXCAVATION WORK BEING DONE. WHEN THE PROJECT IS COMPLETE AND THE ENTIRE PROJECT SITE IS COMPLETELY STABILIZED, THE SEDIMENT CONTROL DEVICES AND ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER. THE CONTRACTOR HAS THE ULTIMATE RESPONSIBILITY FOR THE EFFECTIVE CONTROL OF EROSION AND SEDIMENTATION.
2. THE CONTRACTOR SHALL SEED OR SOD A COMPLETED EMBANKMENT AS SOON AS PRACTICABLE BUT NO LATER THAN 14 DAYS AFTER SAID EMBANKMENT IS COMPLETE.
3. REFER TO THE STORM WATER POLLUTION PREVENTION PLAN FOR FURTHER DETAILS.

WATER NOTES

1. ALL LINES 4-10 INCHES IN DIAMETER SHALL BE SDR14 CLASS 200.
2. ALL LINES 12 INCHES IN DIAMETER SHALL BE SDR18 CLASS 150. ALL LINES OVER 12 INCHES IN DIAMETER : PIPE TYPE SHALL BE AS SHOWN ON PLANS.
3. TOP OF FIRE HYDRANTS TO BE PAINTED AS FOLLOWS :

Size of Main	Color
6 inch	Aluminum-Glidden #Y-992
8 inch	Safety Blue Glidden
10 inch or above	Safety Yellow Glidden

4. ALL PVC WATER MAIN PIPE WITH MECHANICAL JOINT FITTINGS SHALL BE RETAINED WITH RETAINER GLANDS (EBBA SERIES 2000 PV or EQUAL) PLUS STANDARD THRUST BLOCKING.
5. REFER TO THE CITY OF ROCKWALL'S APPROVED PRODUCTS LISTING FOR WATER AND SANITARY SEWER SYSTEMS.
6. PLUGGING OF EXISTING WATER LINES, TEES, CROSSES, ETC. SHALL BE CONSIDERED AS PART OF THE UNIT PRICE FOR WET CONNECTIONS.
7. THE PROPOSED WATER MAIN SHALL HAVE A MINIMUM COVER OF FOUR (4) FEET MEASURED FROM THE TOP OF THE EXISTING CURB OR FROM THE TOP OF THE EXISTING GROUND TO THE TOP OF PROPOSED PIPE, WHICH EVER IS GREATER, OR AS DIRECTED BY THE ENGINEER.
8. THE CONTRACTOR SHALL CENTER A FULL 20 FOOT LONG JOINT OF THE PROPOSED PIPE AT A STORM SEWER CROSSING IF THE PROPOSED PIPE MUST PASS UNDER THE STORM SEWER.
9. WHERE PROPOSED OR EXISTING WATER LINES CROSS PROPOSED OR EXISTING SANITARY SEWER LINES: 1) THE SANITARY SEWER MAIN SHOULD BE EITHER CONCRETE ENCASED; OR 2) A FULL 20 FOOT LONG JOINT OF PIPE WILL BE CENTERED AT THE CROSSING AND A 2 FOOT VERTICAL CLEARANCE BE MAINTAINED.
10. ALL CAST IRON FITTINGS SHALL BE POLYWRAPPED.
11. EXTRA DEPTH FIRE HYDRANTS SHALL INCLUDE ONE EXTRA 6" 90 DEGREE OR 45 DEGREE BEND AND EXTRA COUPLINGS OR PIPE TO MAKE UP THE VERTICAL GRADE DIFFERENCE AND MAINTAIN A STANDARD FIRE HYDRANT AND GATE VALVE INSTALLATION.
12. THE CUTTING, PLUGGING, AND BLOCKING OF EXISTING WATER LINES AND PLUGGING AND BLOCKING OF EXISTING TEES AND CROSSES NOT ASSOCIATED WITH THE UNIT PRICE FOR A WET CONNECTION SHALL BE MEASURED AND PAID FOR AS A SEPARATE BID ITEM FOR CUTTING AND PLUGGING EXISTING WATER MAINS, TEES, AND CROSSES. ANY GATE VALVES REQUIRED TO BE REMOVED SHALL BE CONSIDERED SUBSIDIARY TO THIS ITEM.
13. IN PLACES WHERE THE FIRE HYDRANT IS LOCATED WITHIN THE SIDEWALK. THE CONTRACTOR SHALL WRAP THE SIDEWALK AROUND THE FIRE HYDRANT TO ALLOW AT LEAST A 36" WIDE UNOBSTRUCTED WALKING AREA.
14. A MINIMUM OF ONE (1) FOOT CLEARANCE (HORIZONTALLY OR VERTICALLY AT THE DISCRETION OF THE CITY) SHALL BE REQUIRED BETWEEN THE PROPOSED WATER LINE AND DRAINAGE STRUCTURES OR STORM DRAINAGE PIPE. THE CONTRACTOR SHALL NOT BE PERMITTED TO USE BENDS (UNLESS SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER) TO MEET THE ABOVE MENTIONED CRITERIA. THE CONTRACTOR SHALL DEFLECT THE PIPE TO ACHIEVE THE MINIMUM VERTICAL SEPARATION. THE CONTRACTOR SHALL PROVIDE CUT STAKES AT ALL DRAINAGE STRUCTURES AND STORM SEWER PIPE CROSSINGS TO VERIFY THE WATER MAIN DEPTH.
15. WATER LINES ALLOWED TO BE CONSTRUCTED UNDER ANY PROPOSED CURB INLETS SHALL BE CONCRETE ENCASED.
16. THE CONTRACTOR SHALL SEQUENCE THE INSTALLATION OF ALL PROPOSED WATER MAINS TO MINIMIZE CLOSURE SECTIONS. THE CONTRACTOR SHALL USE A SOLID SLEEVE TO REPAIR ALL LEAKS AND TO PERFORM REQUIRED CLOSURES. THE CONTRACTOR SHALL NOT BE PERMITTED TO INSTALL MORE THAN ON E(1) SOLID SLEEVE FOR REPAIR PER FIVE HUNDRED (500) LINEAR FEET OF PIPE INSTALLATION. NO BELL CLAMPS OR REPAIR CLAMPS SHALL BE PERMITTED.
17. THE CONTRACTOR SHALL TRANSFER ALL EXISTING METERED SERVICES AFTER THE PROPOSED WATER MAIN HAS BEEN TESTED AND APPROVED BY THE ENGINEER. NO SERVICE SHALL BE DISRUPTED FOR A PERIOD LONGER THAN SIX (6) HOURS. ALL WATER SERVICES TO BE 1" POLYETHELENE PLASTIC PIPE.
18. THE RELOCATION OF EXISTING WATER METERS AND BOXES SHALL BE A SEPARATE BID ITEM IN ADDITION TO THE APPLICABLE BID ITEM FOR SHORT WATER SERVICES AND LONG WATER SERVICES.
19. ALL GATE VALVES TO BE ABANDONED SHALL HAVE THE BOXES REMOVED AND BACKFILLED. ALL VALVE BOXES DEEMED SATISFACTORY BY THE ENGINEER MAY BE UTILIZED DURING THE CONSTRUCTION OF THE PROPOSED VALVES. THE REMOVAL OF SAID VALVES AND VALVE BOXES BY THE CONTRACTOR SHALL BE CONSIDERED A NON-PAY ITEM.
20. ANY GATE VALVES REQUIRED TO BE REMOVED DURING CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CITY OF ROCKWALL AND THE CONTRACTOR SHALL TRANSPORT ALL ABANDONED GATE VALVES TO THE CITY OF ROCKWALL STOCK YARD UNLESS OTHERWISE DIRECTED BY THE ENGINEER (NON-PAY ITEM).
21. THE FIRE HYDRANTS AND SHOES WHICH ARE REMOVED FROM THE EXISTING MAIN SHALL REMAIN THE PROPERTY OF THE CITY OF ROCKWALL. THE CONTRACTOR SHALL TRANSPORT ALL ABANDONED FIRE HYDRANTS AND SHOES TO THE CITY OF ROCKWALL STOCK YARD.
23. THE CONTRACTOR SHALL DECHLORINATE THE WATER AS REQUIRED IN THE PROPOSED MAIN AFTER STERILIZATION.
24. THE CONTRACTOR SHALL BE REQUIRED TO TEST FROM VALVE TO VALVE AND THEN TRANSFER SERVICES. THIS TESTING WILL ALLOW THE FINAL PAVEMENT, SIDEWALK, OR SODDING REPLACEMENT TO BE ACCOMPLISHED PRIOR TO THE INSTALLATION OF THE ENTIRE PROPOSED WATER LINE. THE CLEANUP OPERATIONS MAY VARY FROM THIS SEQUENCE IF AUTHORIZED BY THE ENGINEER.

PAVEMENT NOTES

1. ALL PAVING REMOVED SHALL BE SAWCUT TO A NEAT LINE AND REMOVED.
2. ALL MEDIANS, PARKWAY AREAS, TRANSITION SLOPES, AND FILL AREAS SHALL RECEIVE 4 INCHES OF TOPSOIL, AND SEEDING/FERTILIZER APPLICATION.
3. THE CONTRACTOR SHALL CONSTRUCT A CONCRETE UNDERCUT HEADER AT ALL PROPOSED CONCRETE TO EXISTING CONCRETE JOINTS OR TIE INTO THE EXISTING CONCRETE WITH AT LEAST EIGHTEEN (18) INCHES OF EXPOSED STEEL. THE CONTRACTOR SHALL CONSTRUCT A STANDARD HEADER AT ALL PROPOSED CONCRETE TO EXISTING ASPHALT JOINTS.
4. THE CONTRACTOR SHALL PROTECT ANY EXISTING AND/OR PROPOSED STORM SEWER PIPE (R.C.P.) WHICH IS IN THE PROPOSED SUBGRADE DURING THE SUBGRADE STABILIZATION PROCESS.
5. STREETS SHALL HAVE A CONCRETE STRENGTH OF 3500 PSI @ 28 DAYS (5 SACK MIN).

STORM DRAINAGE NOTES

1. REINFORCED CONCRETE PIPE CLASS III, per ASTM C-76 ONLY.
2. STORM SEWER CONNECTIONS FOR NEW INTERCEPTING MAINS AND LATERALS INTO NEW TRUNK MAINS SHALL BE FACTORY WYES FOR 30 INCH AND SMALLER PIPE. ALL OTHERS MAY BE GROUTED IN PLACE.
3. JOINT MATERIALS PERMITTED ARE AS FOLLOWS :
   RAM - NECK
   CON - SEAL
   CEMENT GROUT
4. ALL EXISTING REINFORCED CONCRETE PIPE TO BE REMOVED AS NOTED ON THE PLANS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. THIS IS SUBSIDIARY TO THE INSTALLATION OF REINFORCED CONCRETE PIPE (NON-PAY ITEM).
5. PLUGGING ENDS OF STORM DRAIN PIPE SHALL BE CONSIDERED SUBSIDIARY TO PIPE INSTALLATION OR PIPE REMOVAL.
6. THE CONTRACTOR SHALL LOCATE THE EXISTING STORM DRAINAGE PIPE AT ALL PROPOSED TIE-IN POINTS TO VERIFY THE HORIZONTAL AND VERTICAL ALIGNMENT IF NOTED ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE LOCATIONS AND ELEVATIONS PRIOR TO EXCAVATION FOR INSTALLATION OF THE PROPOSED STORM SEWER PIPE (CONSIDERED SUBSIDIARY TO STORM SEWER PIPE INSTALLATION).
7. THE CONTRACTOR SHALL RELOCATE ALL WATER MAINS AND SEWER LATERALS THAT ARE IN DIRECT GRADE CONFLICT WITH THE PROPOSED STORM SEWER, SAID RELOCATION SHALL BE PAID FOR UNDER THE APPROPRIATE BID ITEM.
8. THE CONTRACTOR SHALL RELOCATE ALL WATER SERVICES THAT ARE IN DIRECT CONFLICT WITH THE PROPOSED STORM SEWER (NON-PAY ITEM). NO WATER SERVICE SHALL BE DISRUPTED LONGER THAN SIX (6) HOURS.

ASBUILT

Winkelmann & Associates, Inc. hereby states that this plan, to the best of our knowledge is "As Built." Modifications from the originally approved construction documents have been made as per information provided by the contractor. Winkelmann & Associates, Inc. does not certify as to the correctness or quality of construction as no field inspection was performed.

WINKELMANN & ASSOCIATES, INC. — DATE 5-13-98

NO.	DATE	REVISION	APPROV.
	4/97	PER COMMENTS	M.D.C.

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ROCKWALL COUNTY, TEXAS

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GENERAL NOTES
MARKET CENTER DRIVE

Scale : NTS	Date : 9/10/97
Designed By :	W.A.I.
Drawn By :	R.D.L.
Checked By :	M.D.C.
File :	07939GEN.DWG
Project No. :	07939.01(10)

SHEET 4 OF 16

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