CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER
STORM WATER SEWER EXTENSION
FOR
WICHITA TRANSIT
CITY OF WICHITA PRIVATE PROJECT NO. 857PPS (607861)

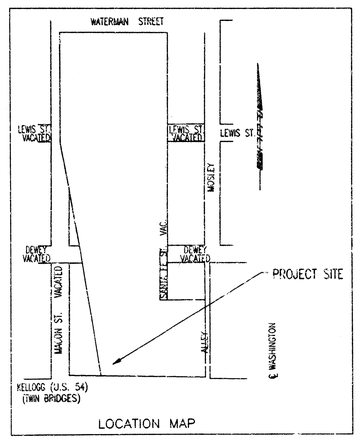
As-builts 02/24/99
Inspected by: Savoy, Ruggles & Bohm, P.A.
(Chris Bohm)
(Mike Stump)

BOOKED

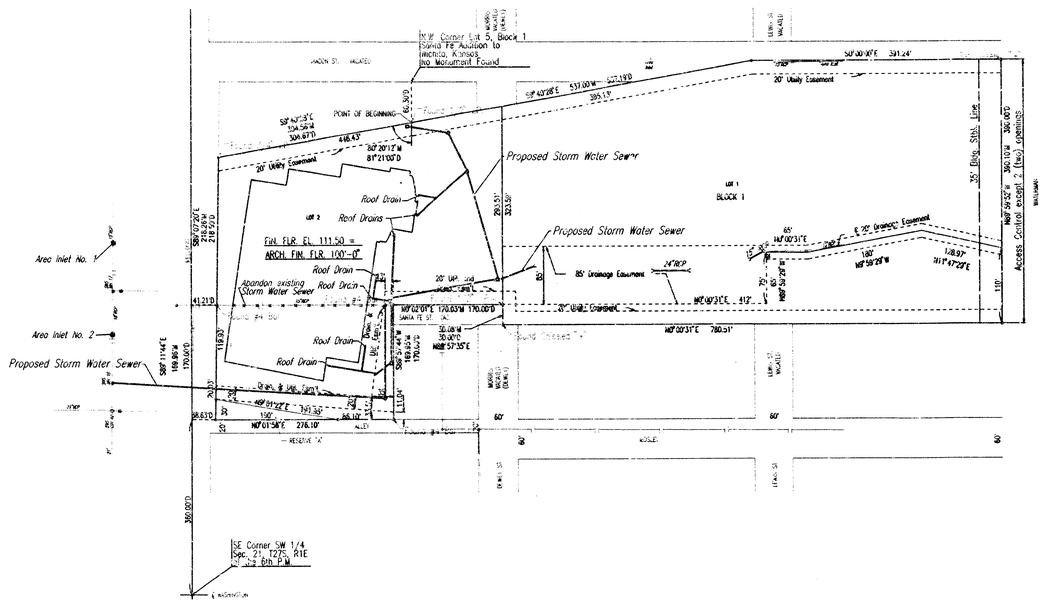
INDEX OF SHEETS

1. TITLE
2. SWS PLAN

WICHITA TRANSIT ADDITION
TO WICHITA, SEDGWICK COUNTY, KANSAS



LOCATION MAP



BENCH MARKS

B.M. #1 - CHISELED "X" NORTH RIM STORM WATER SEWER MANHOLE NO. 2 12' SOUTH OF SW CORNER UNITED WAREHOUSE BUILDING. ELEV.=109.03 CITY DATUM

B.M. #8 - CHISELED "-" TOP OF CURB SOUTH END CURB & GUTTER ISLAND, CENTER OF PARKING LOT. ELEV.=109.97 CITY DATUM

HORIZONTAL CONTROL

CP #1 - #6 PIPE N - 8,779.06; E - 10,141.44
CP #2 - #4 BAR N - 8,775.72; E - 10,359.68
CP #3 - #4 BAR N - 9,049.43; E - 10,529.78
CP #4 - #4 PIPE N - 9,219.35; E - 10,359.93

GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
2. ALL ELEVATIONS SHOWN ARE BASED ON CITY OF WICHITA DATUM.
3. AT LEAST 72 HOURS PRIOR TO BEGINNING EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE LOCAL UTILITY COMPANIES TO MARK ANY EXISTING LINES WITHIN THE PROJECT AREA.
4. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY REQUIRE A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION AVAILABLE FOR THE DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMING PROPERTY WORKS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY WORKS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH WORKS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
6. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
7. BOARDOFFS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.
8. ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SEEDING, MULCH, AND/OR RESEEDING. ALL SEEDING/SODDING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. 4018 WHICH COVERS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION.
9. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND ALONG ANY TREES REMOVED, TREE TRIMMINGS, AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES PROVIDED BY THE CONTRACTOR. THESE SITES SHALL ALSO BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE, AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL CREATE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WILL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS MAY REQUIRE ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED DISPOSAL LOCATION.
10. THE CONTRACTOR SHALL AVOID REMOVAL OR TRIMMING OF ANY TREES OR SHRUBS WHERE POSSIBLE. WHERE THE CONTRACTOR BELIEVES THE REMOVAL OR TRIMMING IS UNAVOIDABLE, HE SHALL COORDINATE SUCH WORK WITH THE ENGINEER.
11. THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.
13. CONTRACTOR IS REQUIRED TO MAINTAIN CONTINUOUS FLOW OF SEWAGE IN EXISTING MAINS AT ALL TIMES.
14. THROUGH TRAFFIC GENERATED OUTSIDE THE PROJECT AREA AND LOCAL BUSINESS OR RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA ARE TO BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS.
15. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE EXISTING UTILITIES THAT ARE TO BE CONNECTED TO AT THE LOCATIONS SHOWN TO VERIFY PIPE SIZE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER THAT ANY NECESSARY PLAN MODIFICATIONS MAY BE MADE.
16. ALL UTILITIES SHALL BE INSPECTED PRIOR TO BACKFILLING.
17. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TRASH AND DEBRIS ON SITE AT TIME OF CONSTRUCTION.

BOOKED
8-30-99
MCG
D-432

SEPTEMBER 1998
PLANS PREPARED BY
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

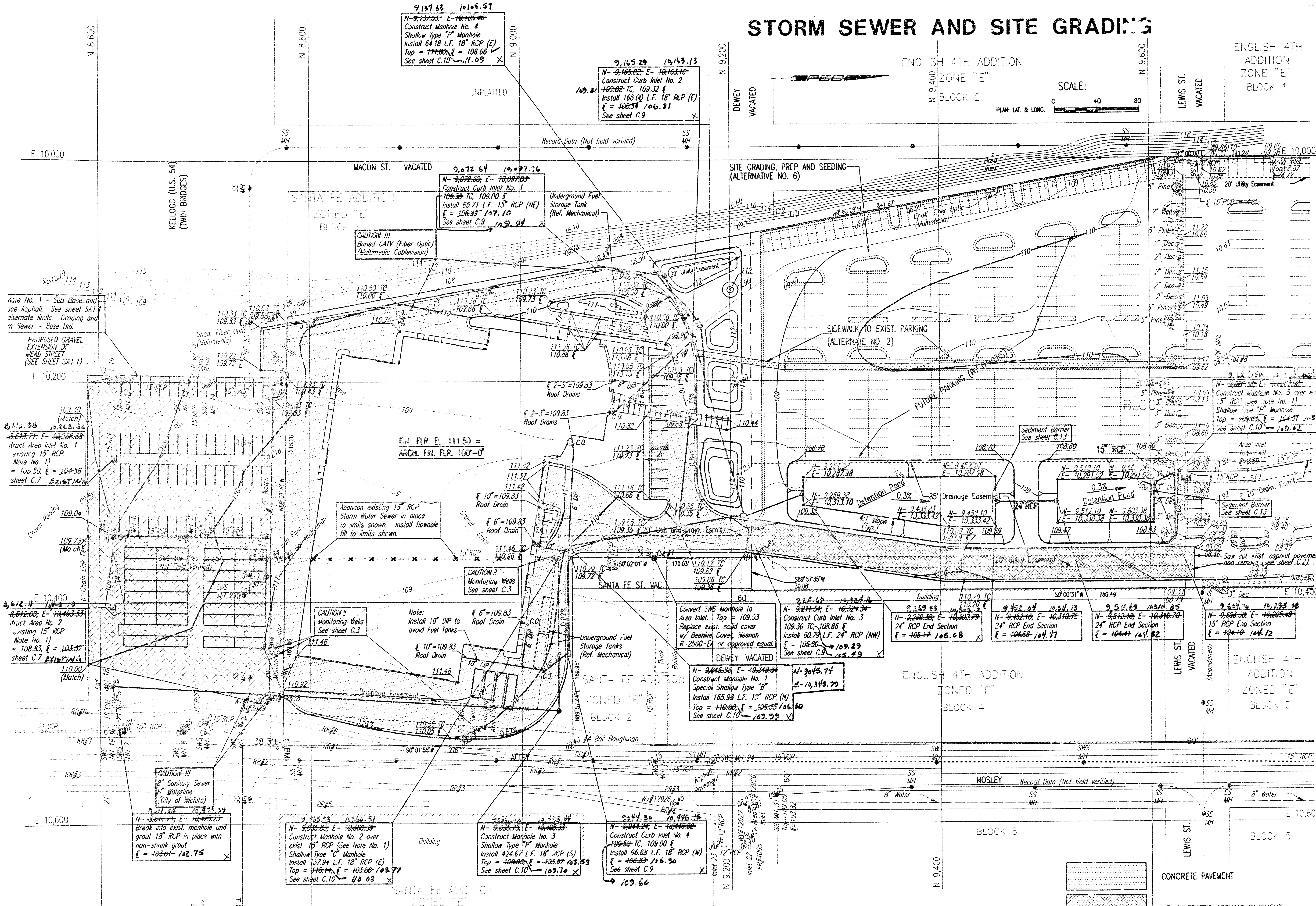
ROD R. YOUNG
CIVIL ENGINEER
11785
STATE OF KANSAS
REGISTERED PROFESSIONAL ENGINEER
10/1/98

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

SANITARY SEWERS _____
STORM SEWERS VRH 10/2/98
DRIVEWAY APPROACHES _____
WATER MAINS _____
PAVING _____

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM CONTRACTED BY THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR UNTIL SUCH INSPECTION IS ARRANGED FOR AND REQUIRED BONDS HAVE BEEN SUBMITTED TO AND APPROVED BY THE CITY; NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER. IMPROVEMENTS PERFORMED UNDER THIS PROJECT SHALL NOT BE ACCEPTED BY THE CITY UNTIL ALL APPLICABLE DOCUMENTATION HAS BEEN SUBMITTED TO THE CITY ENGINEER. THIS MAY INCLUDE: AS-BUILT DRAWINGS, INSPECTION LOGS, TEST DOCUMENTATION, TV TAPES, AND A CERTIFICATE OF COMPLETION. THE ABOVE SHALL BE PERFORMED BY THE CONSULTING FIRM CONTRACTED TO INSPECT THIS PROJECT.

STORM SEWER AND SITE GRADING



NOTE NO. 1
PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 15" PIPES AT AREA INLET NO. 1, AREA INLET NO. 2, AND MANHOLE NO. 2 TO VERIFY ITS HORIZONTAL AND VERTICAL LOCATION. THE PIPE LOCATION SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT (AT NO ADDITIONAL COST TO THE OWNER).

NOTE NO. 2
THE CONTRACTOR SHALL ADJUST ALL MANHOLE TOPS AND VALVE BOX TOPS AFFECTED BY NEW GRADES USING REINFORCED CONCRETE MANHOLE COLLARS, BRICK, MANHOLE FRAME ADJUSTING RINGS, ETC TO MEET NEW GRADES.

NOTE NO. 3
ALL UNDERGROUND RAIN LEADERS SHALL BE CLASS 53 CL DI PIPE.

NOTE NO. 4
SEE SHEET C.7 FOR CLEANOUT (C.O.) DETAIL.

NOTE NO. 5
FOR ELEVATIONS AND DETAILS AT EXTERIOR DOORS, SEE SHEET NO. C.12.

NOTE NO. 6
FOR FINAL GRADING IN BACK OF NEW CURB SHALL SLOPE (4:1) TO MATCH EXISTING.

NOTE NO. 7
STORM INLETS SHALL RECEIVE TEMPORARY SEDIMENT/EROSION CONTROL STRUCTURES. SEE DETAILS, SHEET C.13.

NOTE NO. 8
PREP AND SEED DETENTION PONDS PER SHEET PL1.1.

NOTE NO. 9
CONTRACTOR SHALL CONSTRUCT 6" X 6" ASPHALT CURB ALONG WEST SIDE OF HEAVY TRAFFIC ASPHALT PAVEMENT ENTRANCE DRIVE.

- CONCRETE PAVEMENT
- HEAVY TRAFFIC ASPHALT PAVEMENT
- LIGHT TRAFFIC ASPHALT PAVEMENT

FOR TYPICAL PAVEMENT SECTIONS SEE SHEET S.12

ROD R. YOUNG LICENSED 11485 KANSAS PROFESSIONAL ENGINEER

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Wichita Transit
Storage + Administration + Maintenance Facility
777 EAST WATERMAN
WICHITA, KANSAS

As-builts 02/24/99
Inspected by: Savoy, Ruggles & Bohm (chris Bohm)

PRINTS ISSUED
June 15, 1998
For Bids

WDM No.	d.b. DMM
93018	c.h. RRY

STORM SEWER AND SITE GRADING

C.4