



BENCHMARK DATUM: CITY OF WICHITA

BM-1	SQUARE CUT ON WEST CORNER OF RR SIGNAL CROSSING BASE AT NE CORNER OF 21ST. STREET NORTH & KANSAS AND OKLAHOMA RR CROSSING. ELEVATION: 138.50 (ADJUSTED)
BM-1A	CITY OF WICHITA BENCHMARK DISK AT THE SW/C OF 21ST. STREET NORTH AND HOOVER STREET INTERSECTION. ELEVATION: 139.07
BM-6	CITY OF WICHITA BENCHMARK DISK AT THE SW/C OF 25TH. STREET NORTH AND HOOVER STREET INTERSECTION. ELEVATION: 139.82

VERTICAL AND HORIZONTAL CONTROL

HCP/TBM-102	TOP OF WCEA ALUM. CAP 4" STEEL FENCE POST 7.7' N WEST GATE POST 10.0' NE CORNER POST FENCE S. 10.0' NW FENCE LINE N-S 5.4' W N-9114.552, E-19832.499, EL.-134.95	HCP/TBM-302	SET 5/8" REBAR (SEE SHEET 7) POWER POLE 135' NE POWER POLE 154' NW EAST-WEST FENCE LINE 93.5' N N-10393.253, E-19098.764, EL.-138.80	HCP/TBM-305	SET 5/8" REBAR (SEE SHEET 9) EAST-WEST FENCE LINE 228' N FENCE CORNER (N-S) 228.5' SW NO OTHER REFERENCE AVAILABLE N-11577.619, E-19591.468, EL.-141.33
HCP/TBM-300	SET 5/8" REBAR (SEE SHEET 8) EAST-WEST FENCE LINE 4.7' N CENTER GAS LINE MARKER POST 58.3' WNW CENTER GAS LINE MARKER POST 57.9' WSW N-9350.138, E-18752.502, EL.-140.76	HCP/TBM-303	SET 5/8" REBAR (SEE SHEET 7) POWER POLE (SEE SHEET 6) EAST-WEST FENCE LINE 56.2' NE NORTH-SOUTH FENCE LINE 5' E N-10411.285, E-19328.819, EL.-141.48	HCP/TBM-308	SET 5/8" REBAR (SEE SHEET 4) TO CENTER OF WEST RAIL 25.50' NE TO EAST EDGE OF PAVEMENT 22.50' SW TO SW CORNER OF FENCE 481'± SE N-7724.081, E-19178.429, EL.-138.07
HCP/TBM-301	SET 5/8" REBAR (SEE SHEET 7) POWER POLE 87.4' NNE FENCE CORNER 80.5' NW NORTH-SOUTH FENCE LINE 58.0' W EAST-WEST FENCE LINE 58.7' N N-10428.257, E-18738.683, EL.-137.57	HCP/TBM-304	SET 5/8" REBAR (SEE SHEET 8) NORTH-SOUTH FENCE LINE 42.5' E NORTH-SOUTH FENCE LINE 14' W FENCE CORNER (N-S-W) 83.6' SE FENCE CORNER (N-S-E-W) 94.3' SW N-10777.860, E-19619.676, EL.-142.37	HCP/TBM-307	SET 5/8" REBAR (SEE SHEET 3) EAST-WEST FENCE 161' S PHONE CABLE MARKER POST 177.2' SSW FIRE HYDRANT 228' SW N-7948.736, E-17359.328, EL.-132.04
				HCP/TBM-500	SET 5/8" REBAR SET FLASH NE FACE OF PP 15.0' WSW NW CORNER OF BUILDING @ GROUND 48.10' ESE CENTER OF MANHOLE 54.50' S N-7693.840, E-17017.835, EL.-130.80

GENERAL NOTES

- CONTRACTOR SHALL PROVIDE NOTICE TO UTILITY COMPANIES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO ANY EXCAVATION, AS FOLLOWS:
KANSAS ONE-CALL 687-2470
THE CONTRACTOR SHALL NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

AQUILA NATURAL GAS	800-303-0357 OR 941-1608
SBC TELEPHONE CO.	800-870-8390 OR 268-2245
WESTAR ENERGY	383-8600 OR 261-6512
COX COMMUNICATIONS	262-0661 OR 262-4270
AT&T FIBER OPTIC	800-252-1133 OR 841-5887
PHILLIPS PIPELINE	800-897-1165 OR 838-3411, EX. 25 OR 14
KANSAS PIPELINE	800-487-2751 OR 832-1814
CITY OF WICHITA WATER & SEWER	262-6000 OR 268-4908
CITY OF WICHITA TRAFFIC ENG.	268-4448
- UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHER PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 72 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PIPELINES. SUBMIT TO PHILLIPS PIPELINE FOR APPROVAL ON EXCAVATION PLAN PRIOR TO ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PHILLIPS PIPELINES. PHILLIPS PERSONNEL MUST BE PRESENT DURING ANY WORK PERFORMED ACROSS AND/OR ADJACENT TO PHILLIPS PIPELINES. CONTACT J.R. McCAFFREY OR RUSTY LEE AT 838-3411 EXT. 25 OR 14.
- THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ADJUTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION AND AGAIN 48 HOURS PRIOR TO WORKING ADJACENT TO PROPERTY.
- CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING SHOWN PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING CONTINUOUS FLOW OF SEWAGE THROUGH CONSTRUCTION. CONTRACTOR'S PROPOSED METHOD FOR MAINTAINING SEWAGE FLOW SHALL BE APPROVED BY THE ENGINEER. COST OF MAINTAINING FLOW OF SEWAGE THROUGH CONSTRUCTION WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO OTHER PAY ITEMS OF WORK.
- CONTRACTOR SHALL REMOVE AND RESET ALL FENCES AND SIGNS AS REQ'D FOR CONSTRUCTION. FENCES OR SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION OR DEEMED UNSUITABLE FOR RE-USE BY THE ENGINEER SHALL BE REPLACED WITH NEW FENCE OR SIGN OF SAME TYPE. CONTRACTOR SHALL COORDINATE THIS WORK WITH OWNER. ALL FENCING & SIGNS BEYOND 15' OF SEWER MAIN WHICH ARE REQ'D TO BE REMOVED AND RESET SHALL BE CONSIDERED SUBSIDIARY TO OTHER PAY ITEMS OF WORK.
- TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
- ALL LAWN/TURF AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE RESTORED WITH THE SAME GRASS/SOD AS EXISTING. RESTORATION OF DISTURBED AREAS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP SOIL PREPARATION, SOODING AND/OR RESODDING. ALL SOODING WORK SHALL BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS AND THE CITY OF WICHITA ADMINISTRATIVE REGULATION NO. AR78 WHICH GOVERNS CLEANUP AND RESTORATION OR REPLACEMENT FOLLOWING CONSTRUCTION.
- THE CONTRACTOR SHALL SEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH TEMPORARY RYE GRASS. RYE GRASS SEED SHALL BE PLANTED AT A RATE OF 300 POUNDS PER ACRE. THIS TEMPORARY SEEDING MAY BE OMITTED ONLY IF OTHER SOODING IS REQUIRED IN ACCORDANCE WITH GENERAL NOTE NO. 10 ABOVE. TEMPORARY SEEDING OR PERMANENT SEEDING/SOODING SHALL BE APPLIED WITHIN 14 DAYS AFTER THE AREA HAS BEEN DISTURBED.
- THE CONTRACTOR SHALL PREVENT ANY CONSTRUCTION DEBRIS FROM ENTERING THE EXISTING SANITARY SEWER DURING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
- MANHOLES SHALL BE TYPE "P" MANHOLES. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.
- TESTING OF SEWERS AND MANHOLES SHALL BE CONDUCTED BY THE CONTRACTOR. ALL COST FOR THIS WORK SHALL BE SUBSIDIARY TO OTHER PAY ITEMS OF WORK.
- ALL EXISTING WATER LINES AS SHOWN ON PLANS ARE APPROXIMATED FROM RECORD INFORMATION. EXISTING WATER LINES WERE NOT LOCATED FOR THIS PROJECT.
- CURLEX/EXCELSOR BLANKET OR APPROVED EQUAL SHALL BE INSTALLED AT ALL DISTURBED AREAS REQUIRING SEEDING FOR EROSION CONTROL BMP. INSTALLATION PER MANUFACTURERS RECOMMENDATION. EROSION CONTROL BMP'S SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN/PROVIDE ACCESS TO ALL BUSINESS AND PROPERTIES THROUGHOUT CONSTRUCTION.



WILSON & COMPANY

CITY OF WICHITA, KANSAS
 MAIN 20 SOUTHWEST INTERCEPTOR SEWER
 468-63166
 KEY MAP & GENERAL NOTES
 JIM L. ARMOUR P.E. - CITY ENGINEER

DESIGN	DWH	CHECKED	JLM
DRAWN	MEK/MCO		
DATE	APRIL 2004		
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SHEET NO.	2		

WILSON & COMPANY
WICHITA, KANSAS