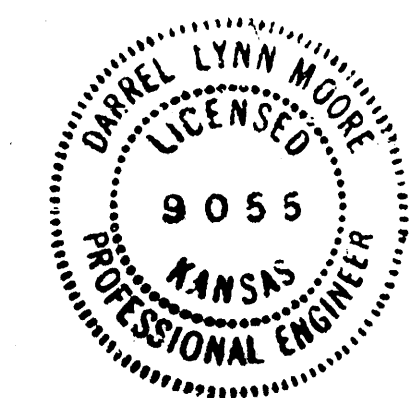
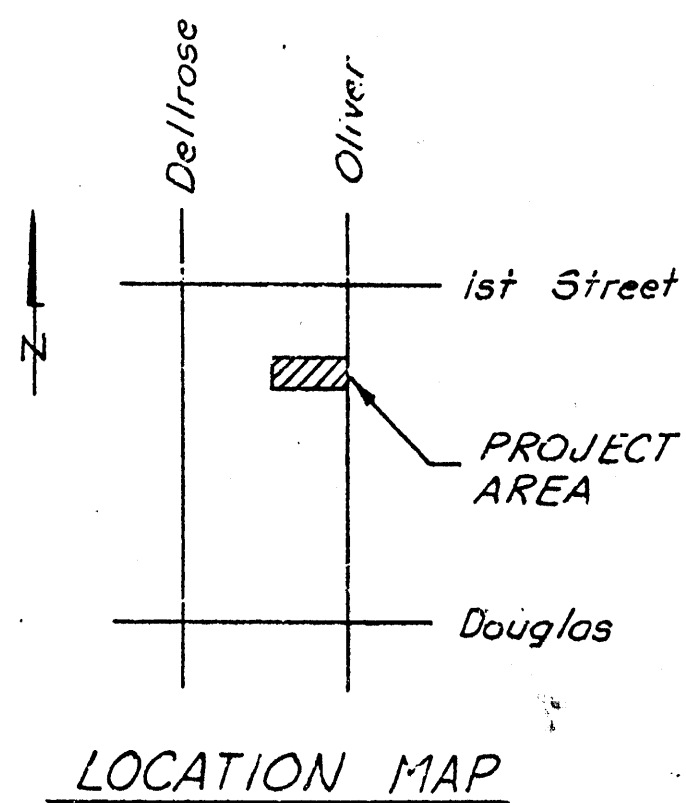


RELOCATION OF A PORTION OF LATERAL A, DISTRICT 6, SANITARY SEWER NO. 12

CITY OF WICHITA PROJ. NO. 468-76-245-81740-000-001



BENCH MARKS

Brass rod in concrete post, Southwest corner; 3' West of back of walk and 8' South of curb; 29.2' South and 77' West of centerline Douglas and Oliver.
Elev. = 168.52

Chisled "X" at top of curb on North return; 145 N. Oliver.
Elev. = 169.16

- GENERAL NOTES**
- ALL CONSTRUCTION AND MATERIALS TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
 - ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM (UDS-LIST 4 - CITY DATUM).
 - THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHT AND REPAIRS TO LESS THAN 50 FEET.
 - AT LEAST 48 HOURS PRIOR TO BEGINNING EXCAVATION, IF REQUIRED, (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS INCH-CALL SYSTEM, A UTILITY LOCATION SERVICE, AT (800) 847-2470 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: GAS SERVICES COMPANY, N.C. 86, THE WICHITA WATER DEPARTMENT, AIR CAPITAL CABLEVISION, AND THE TELEPHONE COMPANY.
 - 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. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD OR FROM FIELD LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY TREES. THE CONTRACTOR SHALL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY TREES WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH TREES SHALL BE RE-ESTABLISHED BY A LICENSED LANDSCAPER OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS. ALL COSTS FOR THIS WORK SHALL BE SUBSIDIARY TO THE OTHER ITEMS OF WORK.
 - CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL MANHOLE COVERS.
 - UNLESS OTHERWISE SPECIFIED ON THE PLANS MANHOLES MAY BE TYPE "P", "C", OR "D" MANHOLES. MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS.
 - CONTRACTOR MAY REMOVE TREES AND SHRUBS AS INDICATED ON THE PLANS. TREES AND SHRUBS INDICATED FOR REMOVAL MAY BE SPARED AT THE CONTRACTOR'S OPTION. TREES WITH TRUNK SIZE LESS THAN 3" AND SHRUBS MAY BE REMOVED AS REQUIRED. TREES WITH TRUNK SIZE 3" AND GREATER NOT INDICATED FOR REMOVAL SHALL BE SPARED.
 - THE CONTRACTOR SHALL AVOID TRIMMING OF ANY TREES NOT MARKED FOR REMOVAL WHERE POSSIBLE. WHERE THE CONTRACTOR BELIEVES TRIMMING IS UNAVOIDABLE HE SHALL COORDINATE SUCH WORK WITH THE OWNER.
 - THE CONTRACTOR SHALL MAINTAIN AT LEAST TWO LINES OF TRAFFIC (ONE IN EACH DIRECTION) ON OLIVER STREET AT ALL TIMES. THE CONTRACTOR SHALL UTILIZE BARRICADES, GUARDS AND FLAGMEN IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - PAVEMENT REMOVAL AND REPLACEMENT, INCLUDING CURB AND GUTTER, WILL BE MEASURED AND PAID FOR PER LINEAR FOOT AS MEASURED ALONG THE CENTERLINE OF THE SUBER LINE, REGARDLESS OF WIDTH, PAVEMENT TYPE AND/OR PAVEMENT THICKNESS.
 - STORMWATER REMOVAL AND REPLACEMENT WILL BE MEASURED AND PAID FOR PER LINEAR FOOT AS MEASURED ALONG THE CENTERLINE OF THE SUBER LINE, REGARDLESS OF WIDTH OR SIDEWALK THICKNESS.
 - FENCE REMOVAL AND REPLACEMENT SHALL BE CONSIDERED INCIDENTAL TO PIPE INSTALLATION.
 - REMOVAL OF OBSTRUCTIONS SUCH AS BRICK PATIO, CONCRETE PAD, CLOTHES LINE, ETC. SHALL BE CONSIDERED INCIDENTAL TO PIPE INSTALLATION. SITE RESTORATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER.
 - ADJUSTMENT OF THE EXISTING WATER SERVICE LINE AS REQUIRED FOR CONSTRUCTION OF THE PROPOSED SANITARY SEWER SHALL BE CONSIDERED INCIDENTAL TO PIPE INSTALLATION.
 - CONTRACTOR SHALL ACQUIRE ADDITIONAL TEMPORARY EASEMENTS AND RIGHTS OF ENTRY WHICH HE BELIEVES TO BE NECESSARY TO COMPLETE THE WORK. SUCH AGREEMENTS BY THE CONTRACTOR WITH PRIVATE PARTIES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.
 - PAVEMENT REMOVAL AND/OR REPLACEMENT WILL BE MEASURED AND PAID FOR ON THE LINEAL FOOT BASIS AS REQUIRED ALONG THE CENTERLINE OF THE SUBER REGARDLESS OF WIDTH OR THICKNESS. MINIMUM LIMITS OF SUCH PAVEMENT REMOVAL AND REPLACEMENT SHALL BE ONE FOOT BEYOND THE LIMITS OF THE EXCAVATION HOLE FOR THE SUBER OF THE STRUCTURE, EXCEPT NEAR THE LIMITS OF REMOVAL ARE WITHIN THREE (3) FEET OF AN EXISTING JOINT THE LIMITS OF REMOVAL SHALL BE EXTENDED TO THE EXISTING JOINT. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT SHALL CONFORM TO THE APPLICABLE SPECIFICATIONS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.
 - A SPOT CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SPOT CUTS SHALL NOT BE REQUIRED FOR EXISTING SURFACES OR PAVEMENTS WHICH ARE NOT TO BE REMOVED. SPOT CUTS SHALL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.
 - 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 SHALL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER VARIOUS ITEMS OF WORK.

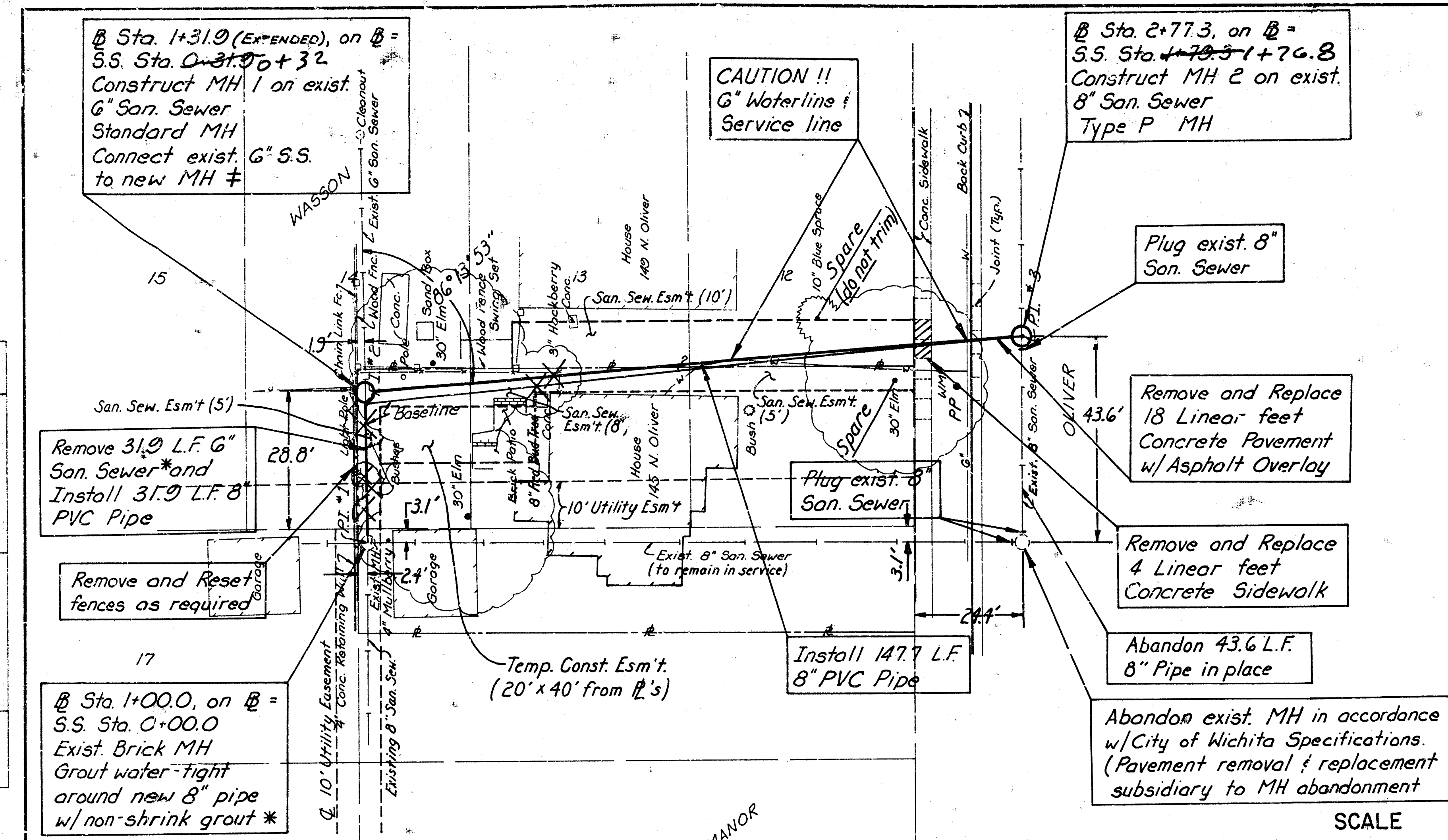
SCALE

PLAN: Lat. & Long.

PROFILE: Horiz. same as above
Vertical

PLAN	DATE
NOTED BY: _____	DATE: _____
NOTED BY: _____	DATE: _____
NOTED BY: _____	DATE: _____

PROFILE	DATE
NOTED BY: _____	DATE: _____
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† Cost incidental to MH construction.
* Cost incidental to pipe installation.

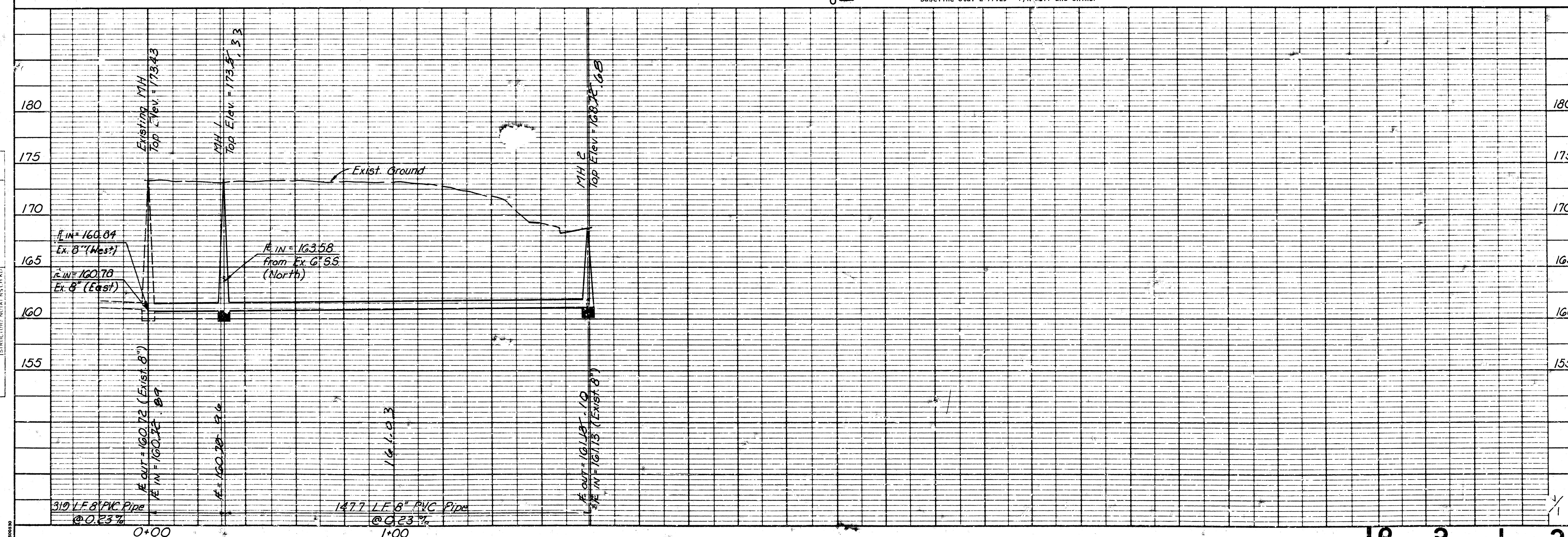


PLATE 1 PLAN-PROF. LE O.P.A.E. STANDARD

RELOCATION OF A PORTION OF
LATERAL A, DISTRICT 6,
SANITARY SEWER NO. 12

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Job No. 34-81435
Date September, 1987

Designed by DLM
Drawn by GM

MICHAEL E. LINDEBAK, P.E. CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-76-245-81740-000-001