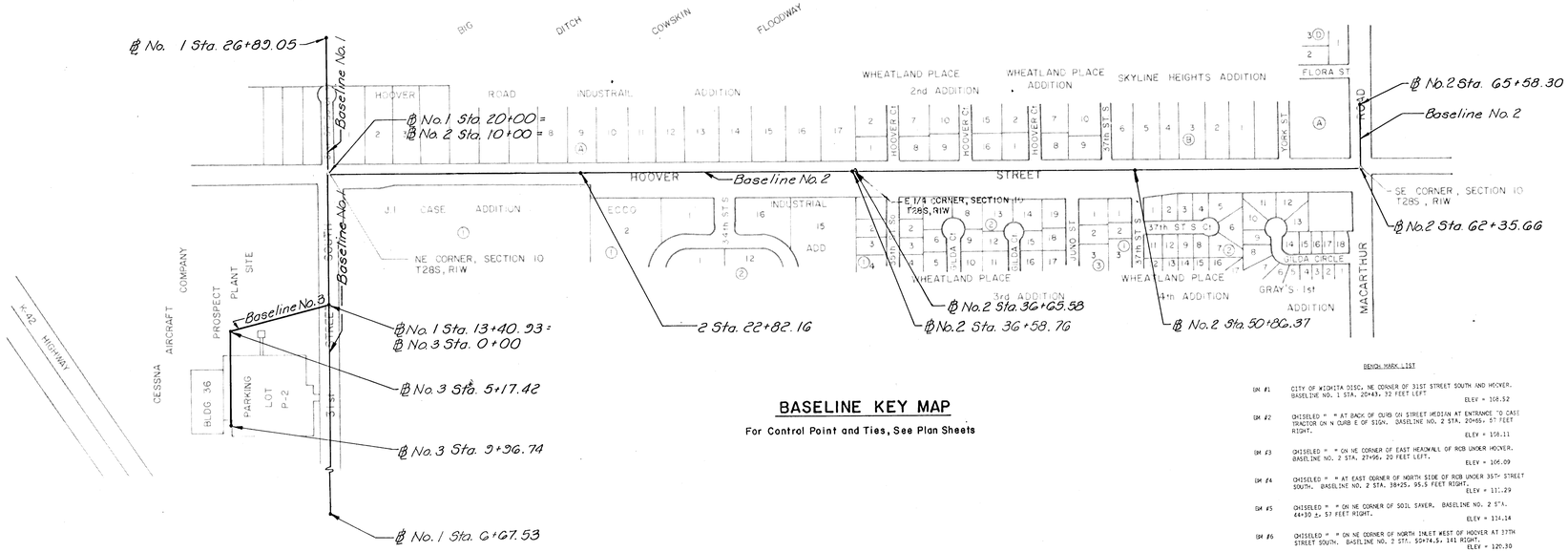
Scale : 1"=300'



BASELINE KEY MAP

For Control Point and Ties, See Plan Sheets

BENCH MARK LIST

BM #1 CITY OF WICHITA DISC. NE CORNER OF 31ST STREET SOUTH AND HOOVER. BASELINE NO. 1 STA. 20+43. 32 FEET LEFT
ELEV = 108.52

BM #2 CHISELED " " AT BACK OF CURB ON STREET MEDIAN AT ENTRANCE TO CASE TRACTOR ON N CURB E OF SIGN. BASELINE NO. 2 STA. 20+65. 57 FEET RIGHT.
ELEV = 108.11

BM #3 CHISELED " " ON NE CORNER OF EAST HEADWALL OF RCB UNDER HOOVER. BASELINE NO. 2 STA. 27+96. 20 FEET LEFT.
ELEV = 106.09

BM #4 CHISELED " " AT EAST CORNER OF NORTH SIDE OF RCB UNDER 35TH STREET SOUTH. BASELINE NO. 2 STA. 38+25. 95.5 FEET RIGHT.
ELEV = 111.29

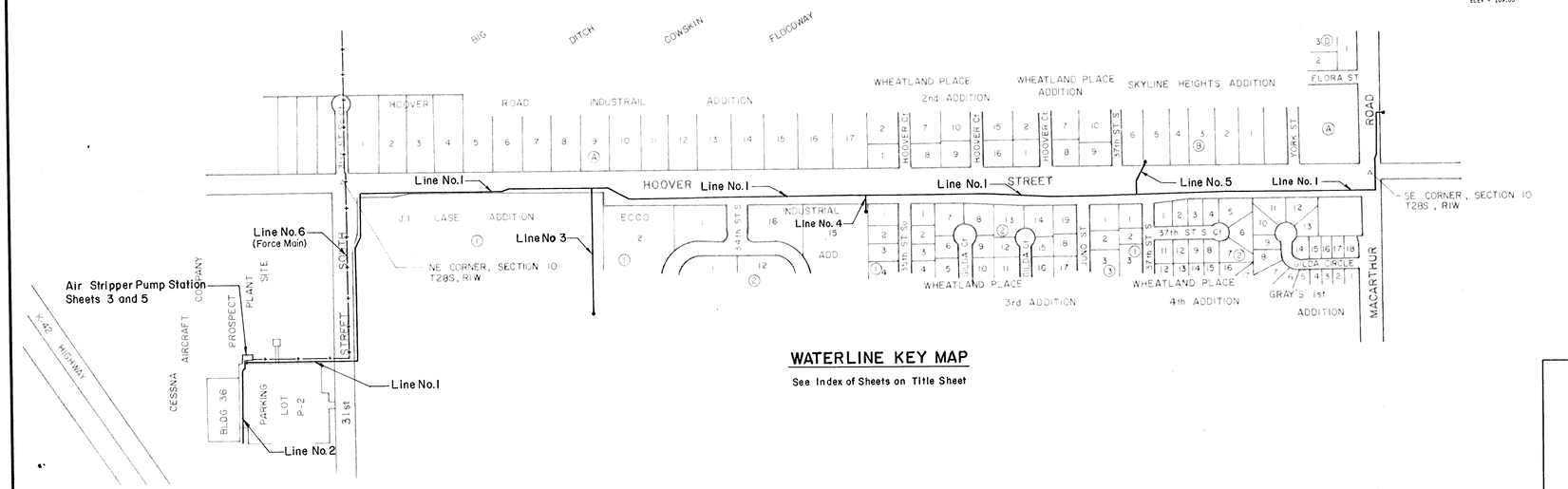
BM #5 CHISELED " " ON NE CORNER OF SOIL SAVER. BASELINE NO. 2 STA. 44+30 ±. 57 FEET RIGHT.
ELEV = 114.14

BM #6 CHISELED " " ON NE CORNER OF NORTH INLET WEST OF HOOVER AT 37TH STREET SOUTH. BASELINE NO. 2 STA. 50+74.5. 141 RIGHT.
ELEV = 120.30

BM #7 RAILROAD SPIKE IN N FACE OF POWER POLE AT SW CORNER OF HOOVER AND MACARTHUR. BASELINE NO. 2 STA. 62+74.7 (AHEAD). 38 FEET RIGHT.
ELEV = 121.48

BM #8 RAILROAD SPIKE IN S FACE OF POWER POLE EAST OF WEST DIKE OF WICHITA-VALLEY CENTER FLOODWAY AND 31ST STREET SOUTH. BASELINE NO. 1 STA. 27+36 (AHEAD). 32 FEET LEFT.
ELEV = 105.63

BM #9 RAILROAD SPIKE IN S FACE OF POWER POLE ON 31ST STREET SOUTH. BASELINE NO. 1 STA. 12+39.9. 29 FEET LEFT.
ELEV = 109.66



WATERLINE KEY MAP

See Index of Sheets on Title Sheet

GENERAL NOTES

1. ALL ELEVATIONS SHOWN ARE CITY OF WICHITA DATUM (USGS-1107.4 + CITY DATUM).
2. THE CONTRACTOR SHALL LIMIT THE EXTENT OF TRENCH TO REMAIN OPEN OVERNIGHT AND WEEKENDS TO LESS THAN 50 FEET.
3. AT LEAST 72 HOURS PRIOR TO BEGINNING ANY EXCAVATION (EXCLUDING WEEKENDS AND HOLIDAYS), THE CONTRACTOR SHALL CONTACT THE KANSAS ONE-CALL SYSTEM, INC. UTILITY LOCATION SERVICE, AT (316) 687-2470 TO REQUEST THE FOLLOWING UTILITY COMPANIES TO LOCATE ANY EXISTING LINES WITHIN THE PROJECT AREA: KPL GAS SERVICE COMPANY, ARKLA GAS COMPANY, K.G. & E., THE WICHITA WATER DEPARTMENT, SOUTHWESTERN BELL TELEPHONE COMPANY, AIR CAPITAL CABLEVISION, CITY N.D.I., INC., CONOCO, GETTY GAS GATHERING, AND KANSAS GAS SUPPLY.
4. AT LEAST 72 HOURS PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL CONTACT THE FOLLOWING PERSONNEL TO ADVISE THEM OF THE INTENDED WORK AND OF HIS PROPOSED SCHEDULE:

CITY OF WICHITA PUBLIC WORKS
WICHITA-VALLEY CENTER FLOOD CONTROL
CITY HALL; 455 N. MAIN
WICHITA, KS 67202
MR. ROBERT JENNINGS
(316) 268-4095

OFFUTT BEEHING CO.
6353 W. MERIDIAN
WICHITA, KS 67204
MR. GLENN GEHR
(316) 755-1591

5. THE CONTRACTOR SHALL ALSO CONTACT MR. ROBERT JENNINGS AS INDICATED ABOVE FOR INSTRUCTION TO ENTER THE FLOOD CONTROL RIGHT-OF-WAY. ANY GATES USED TO ACCESS THE FLOOD CONTROL RIGHT-OF-WAY SHALL BE SECURED BY THE CONTRACTOR OVERNIGHT AND WEEKENDS TO THE SATISFACTION OF THE CITY OF WICHITA FLOOD CONTROL OFFICE.
6. THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND S PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.
7. THE BURIED UTILITIES AS LOCATED ON THE PLANS ARE APPROXIMATE LOCATIONS ONLY. IT SHOULD BE NOTED THAT OTHER BURIED LINES AND CABLES MAY EXIST WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING TRENCHING OPERATIONS TO AVOID DAMAGING THESE LINES. ANY LINES DAMAGED SHALL BE REPLACED OR REPAIRED IMMEDIATELY AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
8. WHERE THE IMPROVEMENTS CROSS EXISTING PUBLIC OR PRIVATE UTILITIES WHICH ARE NOT TO BE ADJUSTED BY OTHERS, THE CONTRACTOR SHALL PROVIDE THE MATERIAL AND MEANS TO PROTECT AND SUPPORT SAID UTILITIES DURING CONSTRUCTION TO THE SATISFACTION OF THE ENGINEER.
9. EXCESS EXCAVATED MATERIAL AND OTHER DEBRIS, INCLUDING ANY TREES REMOVED, TREE TRIMMINGS, AND FENCES REMOVED SHALL BE WASTED ON SITES TO BE PROVIDED BY THE CONTRACTOR AS APPROVED BY THE ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
10. TREES AND SHRUBS IN PUBLIC EASEMENTS AND RIGHTS-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.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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.
12. EASEMENTS AND RIGHT-OF-WAY PROVIDED BY THE OWNER FOR THE PROJECT ARE SHOWN IN THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACQUISITION OF ANY ADDITIONAL TEMPORARY EASEMENTS OR RIGHTS-OF-WAY THAT HE DESIRES TO USE IN COMPLETING THE WORK.
13. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES, AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.
14. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL VALVE VAULT COVERS.
15. THE CONTRACTOR SHALL BE RESPONSIBLE TO ACQUIRE THE USE OR STORAGE AND STAGING AREAS FOR MATERIALS AND EQUIPMENT.
16. ALL GRASSED AREAS DISTURBED BY CONSTRUCTION OF THE PROPOSED IMPROVEMENTS SHALL BE REPLANTED WITH GRASS AND FERTILIZED IN ACCORDANCE WITH THE SPECIFICATIONS FOR SUCH WORK, EXCEPT THAT THE GRASS SEED USED SHALL BE A MIXTURE OF 1/2 SMOOTH BROMEGRASS AND 1/2 K-31 FESCUE APPLIED AT 250 LBS/ACRE AS SPECIFIED BY THE CITY OF WICHITA FLOOD CONTROL OFFICE. ALL COSTS FOR SEEDING AND FERTILIZING SHALL BE CONSIDERED SUBSIDIARY TO THE PRICE BID FOR THE PIPE INSTALLED.
17. WHERE CONNECTING OR CROSSING EXISTING WATERLINES ARE REQUIRED, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE ELEVATION AND LOCATION OF THE EXISTING WATERLINE PRIOR TO BEGINNING CONSTRUCTION. FINDINGS SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS MAY BE MADE.
18. ALL BELOW GRADE PIPELINE INSTALLATIONS SHALL PROVIDE A MINIMUM OF 30 INCHES OF COVER OVER THE TOP OF PIPE.
19. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN AND PAY FOR ALL NECESSARY CITY, COUNTY, AND STATE PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES AT 1250 S. SENECA TO REQUEST APPLICATION FOR A "UTILITY PERMIT AGREEMENT - USE OF PUBLIC ROAD RIGHT-OF-WAY". THE PERMIT SHALL BE EXECUTED AND APPROVED PRIOR TO BEGINNING CONSTRUCTION.
20. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON HOOVER ROAD, MACARTHUR ROAD AND 31ST STREET SOUTH AT ALL TIMES. THE CONTRACTOR SHALL UTILIZE BARRICADES, SIGNS AND FLAGMEN IN ACCORDANCE WITH THE LATEST DEVISION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
21. THE CONTRACTOR SHALL PROVIDE 30INCHES OF MINIMUM COVER FOR ALL BURIED PIPE INSTALLATIONS.

No.	Revision	By	Date

CESSNA AIRCRAFT COMPANY
WICHITA, KANSAS

KEY MAP & GENERAL NOTES

WITHDRAWAL WATERLINE IMPROVEMENTS

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

Designed by MDS, CRY	Job No. 31-87GW	Sht. 2 of 20
Drawn by TLS	Date August, 1988	