

GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING 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.
3. EXISTING UTILITIES AND THEIR LOCATIONS, 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 DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
4. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
- KANSAS ONE-CALL 1-800-344-7233  
OR 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY 1-800-734-7590  
COX CABLEVISION 262-0661 262-6000  
KG&E (ELECTRIC) 383-8600  
KANSAS GAS SERVICE 383-8600  
CITY OF WICHITA WATER & SEWER MAINT.  
PEOPLES NATURAL GAS 1-800-303-0357

5. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE 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 WOULD 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 WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
6. CONTRACTOR SHALL RESEED AND MULCH ALL DISTURBED AREAS. COST SHALL BE CONSIDERED SUBSIDIARY TO SITE RESTORATION.
7. LOCATION OF TRAFFIC CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE PROVIDED WITH TRAFFIC CONTROL SIGNING AND DEVICES. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER PRIOR TO CONSTRUCTION. TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH KDOT STANDARDS.
8. EROSION CONTROL DEVICES SHALL BE CHECKED AND REPLACED/REPAIRED AT THE END OF EACH DAYS CONSTRUCTION AND DURING RAIN EVENTS.
9. CONSTRUCTION STAKING SHALL BE IN ACCORDANCE WITH THE GENERAL SPECIFICATIONS.
10. FOOTINGS MAY BE POURED TO NEAT LINES OF EXCAVATIONS PROVIDING VERTICAL LINES OF EXCAVATIONS CAN BE MAINTAINED DURING CONCRETE PLACEMENT.
11. GROUT WHERE INDICATED ON PLANS. GROUT SHALL BE NON-METALLIC NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 6000 PSI AT 28 DAYS CONFORMING TO ASTM C1107.
12. CONTRACTOR SHALL VERIFY THAT ALL REINFORCEMENT, INSERTS, SLEEVES, AND EMBEDDED ITEMS ARE PROPERLY LOCATED AND RIGIDLY SECURED PRIOR TO CONCRETE PLACEMENT.
13. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER IMMEDIATELY.
14. WELDING SHALL CONFORM TO THE CURRENT A.W.S. "STRUCTURAL WELDING CODE - STEEL" AND "STRUCTURAL WELDING CODE - SHEET STEEL" SPECIFICATIONS.
15. CONTRACTOR SHALL MAINTAIN A LIGHT SUITABLE FOR VISUAL INSPECTION OF THE AUGER CAST PILE AT ALL TIMES PRIOR TO AND DURING THE FILLING OF THE PILE.
16. CONTRACTOR SHALL SUBMIT SEALED ENGINEERING CALCULATIONS AND DRAWINGS FOR THE DESIGN OF THE INDIVIDUAL CONCRETE PANELS. THE ENGINEER SHALL BE A QUALIFIED STRUCTURAL ENGINEER, LICENSED IN THE STATE OF KANSAS. THE SEALED STRUCTURAL DESIGN CALCULATIONS AND DRAWINGS OF THE INDIVIDUAL CONCRETE PANELS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. AL. WIND LOAD - 80 MPH BASIC WIND SPEED, EXPOSURE C. SEISMIC ZONE - A AND IMPORTANCE FACTORS - 1.0.
17. THE CONCRETE PANEL FABRICATOR SHALL NOT DAMAGE THE OUTSIDE FACE OF THE PANEL WITH TEMPORARY LIFTING DEVICES.
18. ALL ELEVATIONS ARE CITY OF WICHITA DATUM.

19. UNIT STRESSES:
- CLASS AAA CONCRETE  $f'_c = 4000$  PSI.  
REINFORCING STEEL;  $f_y = 60,000$  PSI.
- CONCRETE:
- $f'_c = 4000$  PSI CONCRETE SHALL BE USED THROUGHOUT. BEVEL ALL EXPOSED EDGES WITH A 3/4" TRIANGULAR MOLDING.
- REINFORCING:
- ALL REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60. ALL DIMENSIONS RELATIVE TO REINFORCING STEEL SHALL BE TO CENTERLINE OF REINFORCING UNLESS OTHERWISE NOTED. ALL REINFORCING SHALL BE NON-EPOXY COATED.
20. ALL BOLTS SHALL CONFORM ASTM A325 OR A490
21. WASHERS SHALL CONFORM TO ASTM F436.

TOWERS ON  
**SENECA STREET**

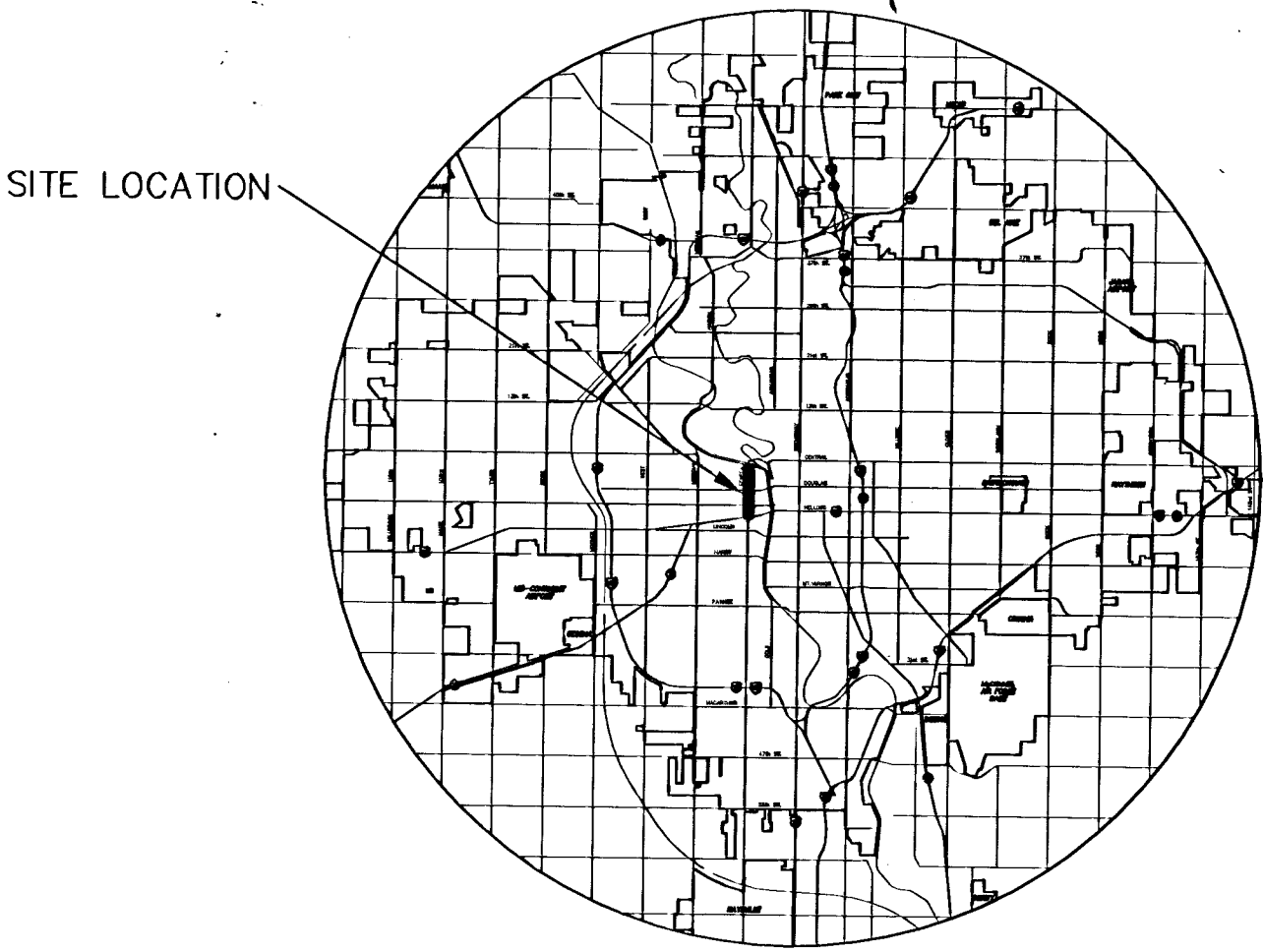
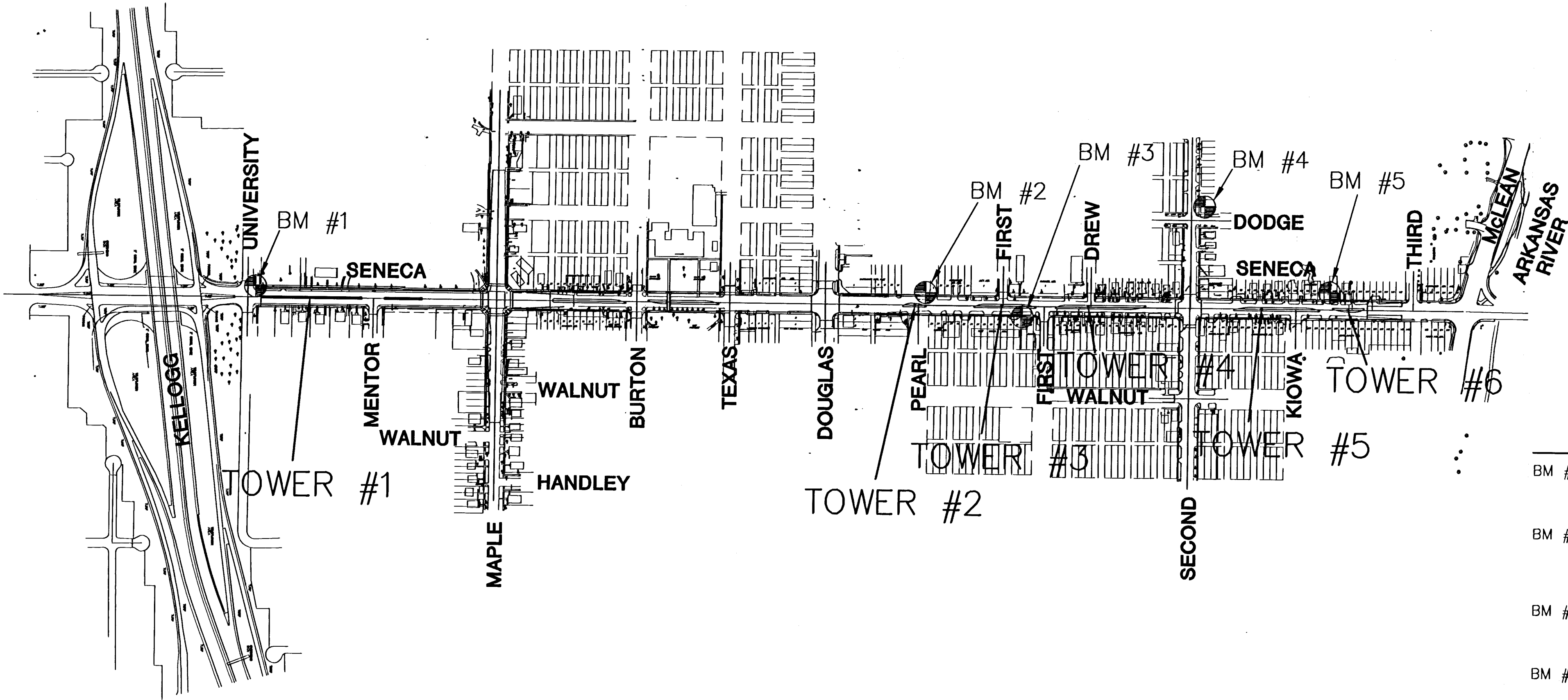
IN THE CITY OF WICHITA  
SEDGWICK COUNTY, KANSAS

PROJECT NO. 472-82966

NEIL D. CABLE, CITY ENGINEER

OCA 706747

**SENECA STREET: FROM KELLOGG TO McLEAN**



LOCATION MAP

**INDEX TO DRAWINGS**

| SHEET NO. | DESCRIPTION                          |
|-----------|--------------------------------------|
| 1         | TITLE SHEET                          |
| 2         | TOWER LOCATION MAP                   |
| 3         | TOWER #1 LAYOUT                      |
| 4         | TOWER #2 LAYOUT                      |
| 5         | TOWER #3 LAYOUT                      |
| 6         | TOWER #4 LAYOUT                      |
| 7         | TOWER #5 LAYOUT                      |
| 8         | TOWER #6 LAYOUT                      |
| 9         | TOWER #1 & #2<br>REINFORCING DETAILS |
| 10        | TOWER #3 & #4<br>REINFORCING DETAILS |
| 11        | TOWER #5 & #6<br>REINFORCING DETAILS |
| 12        | MISC. DETAILS                        |

**BENCHMARKS**

- BM #1 FIRE HYDRANT, 'M' IN MUELLER, NW CORNER OF SENECA AND UNIVERSITY.  
ELEV. = 111.39
- BM #2 '+' CUT, TOP OF SW BOLT, RAILROAD SIGNAL LIGHT, 24.5 FEET W. AND 380' N. OF C\I SENECA AND DOUGLAS.  
ELEV. = 115.36
- BM #3 CHISELED '□' TOP E. SIDE, 24" DIA. CONC. LP BASE, NW CORNER "JOE'S EXPRESS LUBE AND OIL".  
ELEV. = 116.94
- BM #4 RAILROAD SPIKE, S. SIDE OF 2nd PP N., NW CORNER OF 2nd AND DODGE.  
ELEV. = 111.86
- BM #5 CHISELED '□' TOP OF SE CORNER OF 4'x11' CONC. STOOP, SENECA VETERINARY CLINIC 435 N. SENECA.  
ELEV. = 112.65

**FUNDING FOR TOWERS USED FOR DOUGLAS CLOCK TOWER  
TOWERS NOT BUILT**

**MKEC**  
ENGINEERING CONSULTANTS  
411 N. WEBB ROAD  
WICHITA, KS. 67208  
316-684-9600

**SENECA STREET**  
PROJECT NAME

**TOWERS**  
SHEET TITLE

**KJS/RSB** **RSB** **KJS**  
DESIGN BY: DRAWN BY: CHECKED BY:

**NOVEMBER/2002** **98092** **1 / 12**  
DATE DRAWING NAME SHEET / OF