

# Water Distribution System Mid-Continent Airport Addition 1600 PPW (607853)

## BENCH MARKS

BENCH MARK #1: CHISELED SQUARE SOUTH TOP OF CURB OF PUEBLO ONLINE WITH TAXIWAY "H" EXTENDED NORTH TO CURB.  
ELEVATION = 1313.25 (NAVD88)

## GENERAL NOTES

- Contractor will be required to provide a minimum advance notice of seventy-two (72) hours to utility companies prior to starting any excavation as follows:

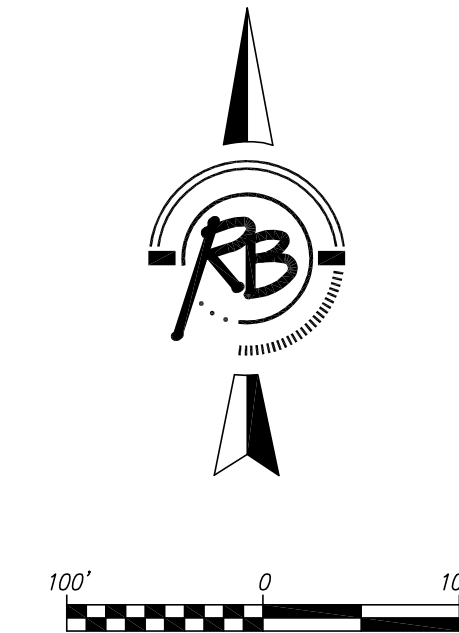
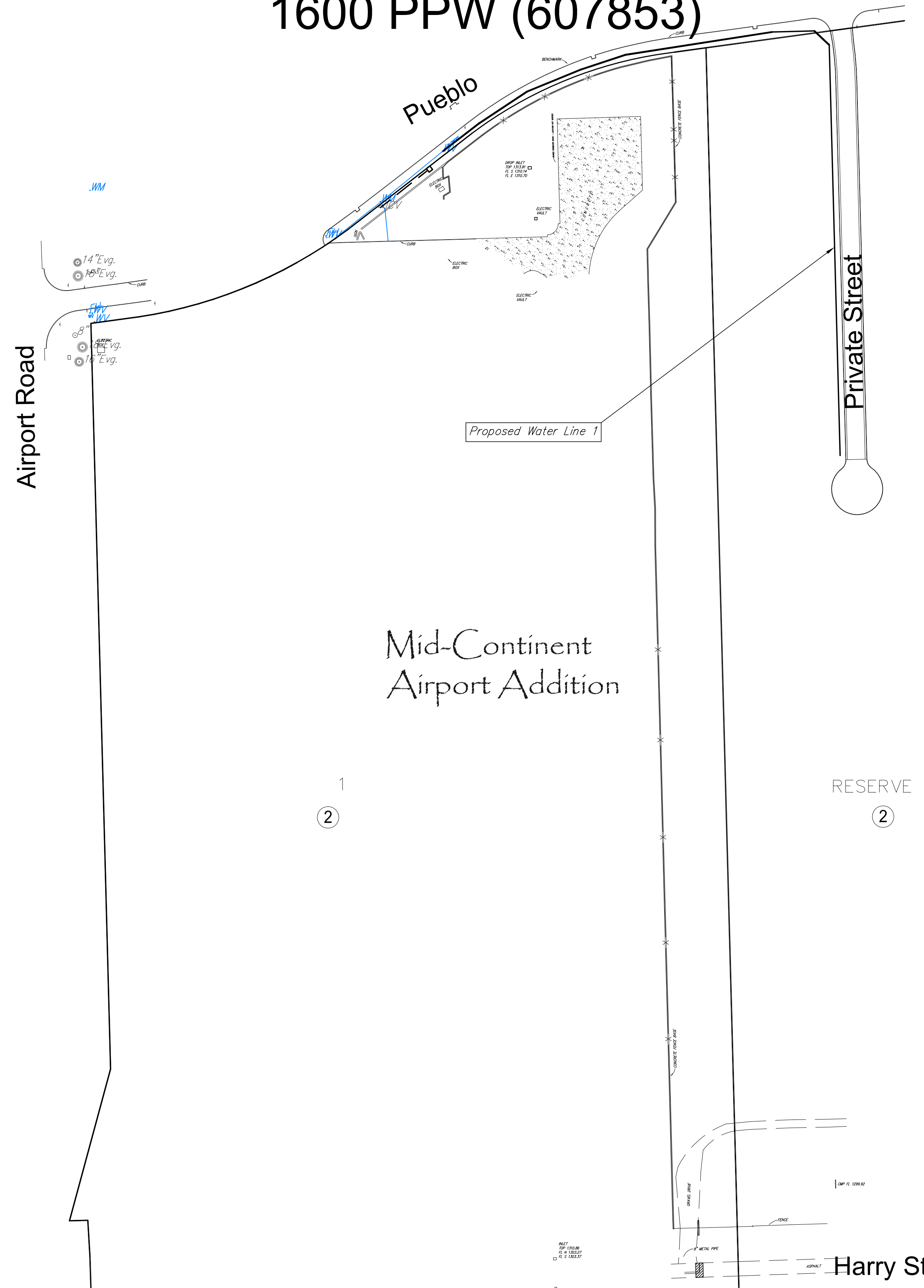
Kansas One-Call 687-2470

The Contractor must notify the following in case of an emergency:

Cox Communications	262-0661
Kansas Gas Service	888-482-4950
Westar	383-8600
Aquila	1-800-303-0357
SBC	1-800-286-8313
City of Wichita Water Department	262-6000
City of Wichita Sewer Maintenance	262-6000

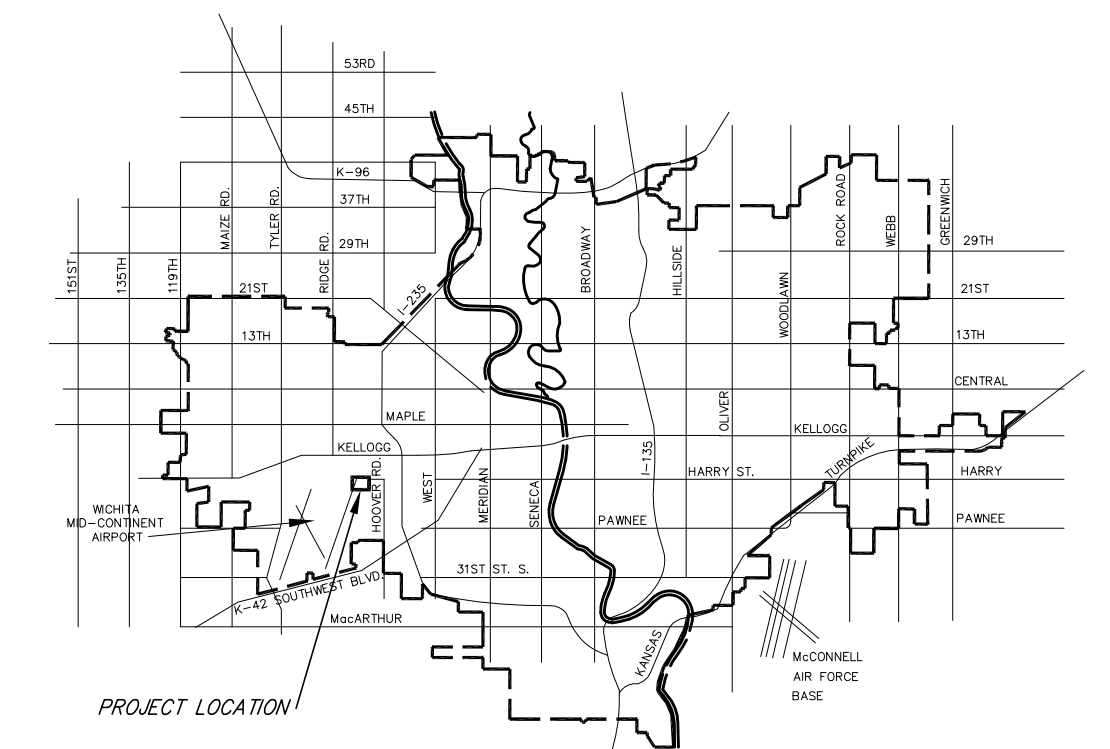
- Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company-provided field locations. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- 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 permitting regulations. Any material buried or stockpiled beyond approved of Engineers construction limits would require additional archeological investigations unless buried in a previously approved borrow location.
- The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
- This project is to be constructed in accordance with City of Wichita Standard Specifications for the Construction of City Projects, and Policy on Construction of Infrastructure by Private Contract.
- No work shall begin on this project before permits or bonds required to construct this project are obtained or submitted to the City of Wichita and the project inspector has been notified.

**AS BUILT PLANS**  
Contractor: Nowak Construction  
Inspector: Dakota Zimmerman  
Ruggles & Bohm, P.A.  
.pdf by: DGZ 1/28/2013



## INDEX OF SHEETS

- CU2.1 TITLE SHEET
- CU2.2 LINE 1 PLAN/PROFILE
- CU2.3 LINE 1 PLAN/PROFILE
- CU2.4 STANDARD WATERLINE DETAILS
- CU2.5 MID-CONTINENT AIRPORT ADDITION PLAT



## VICINITY MAP

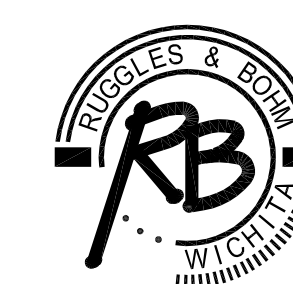
APPROVED AS NOTED  
BY CITY ENGINEER OF WICHITA

Engineering Julianne Kallman 2-28-12  
Water Greg Volley 03-13-12  
Fire Paul Johnson 03-13-2012

NOTE TO CONTRACTORS

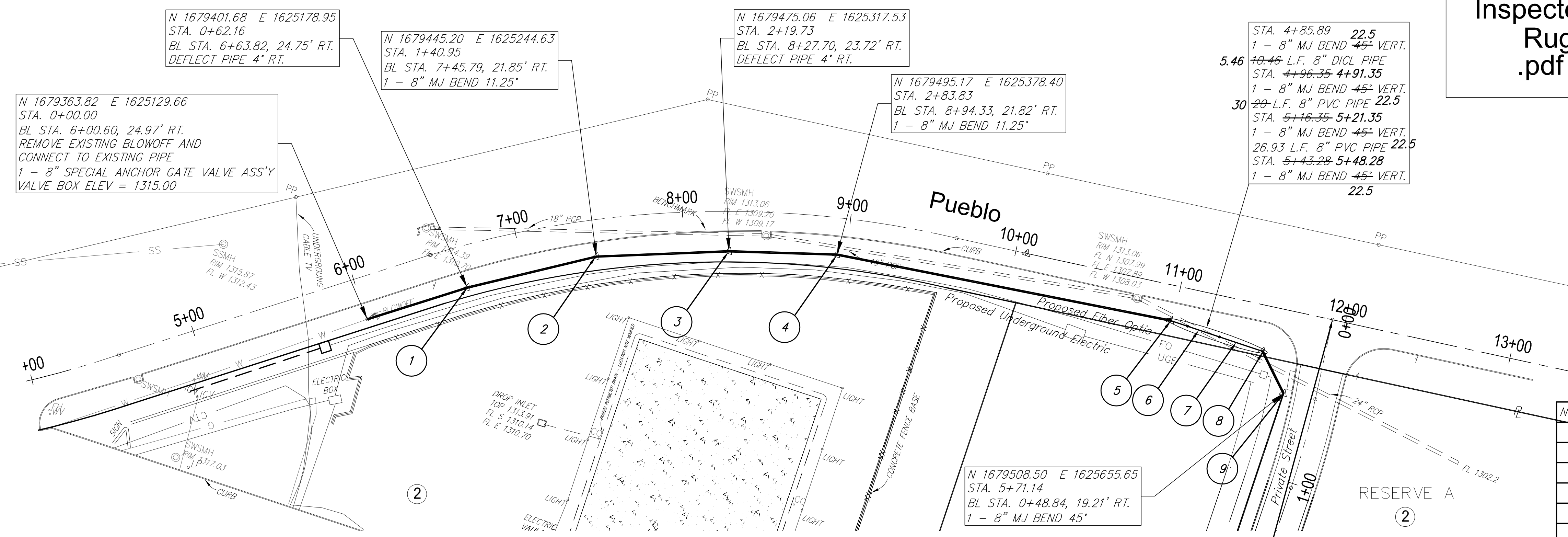
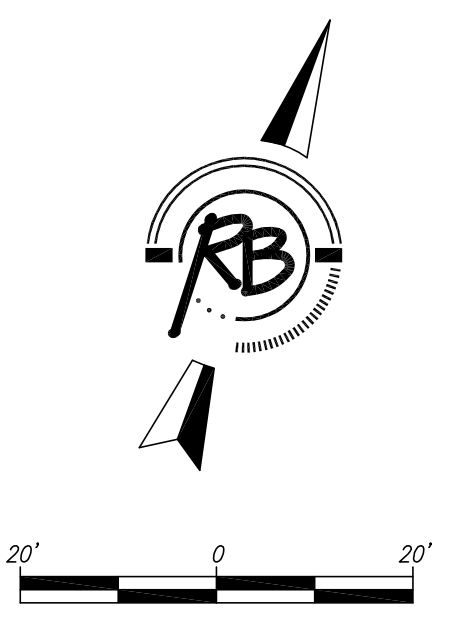
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Contractor. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.

**CITY OF WICHITA, KANSAS**  
**JAMES ARMOUR, P.E. - CITY ENGINEER**



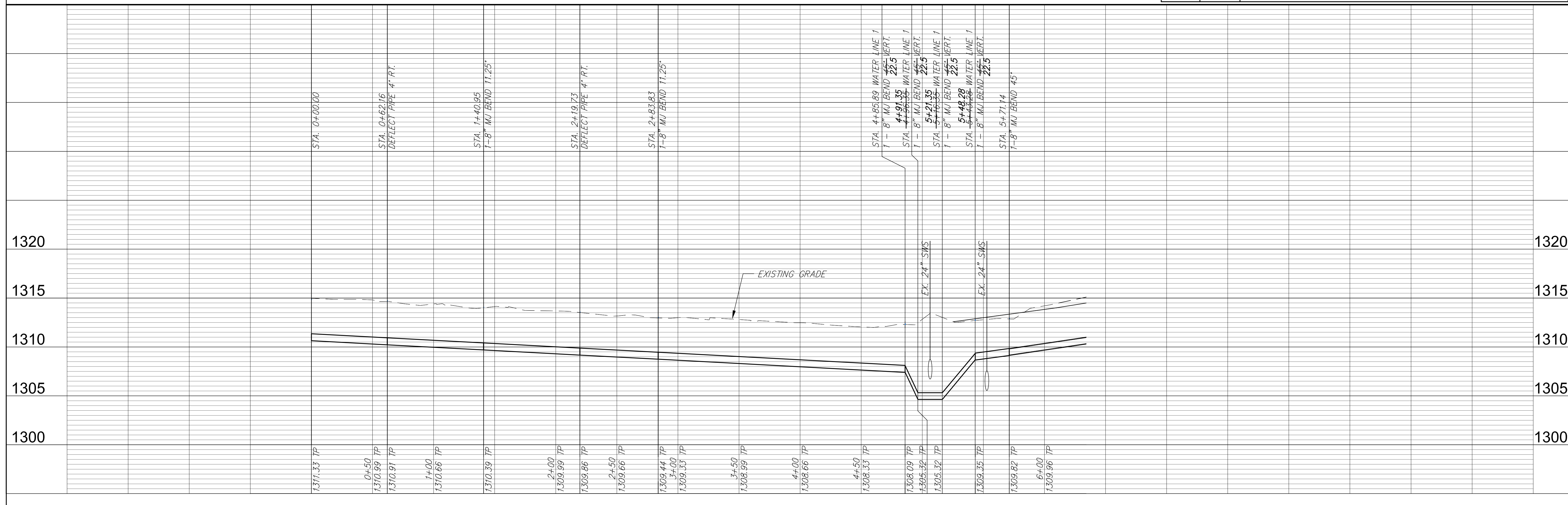
Ruggles & Bohm, P.A.  
Engineering, Surveying, Land Planning  
924 North Main (316) 264-8008  
Wichita, Kansas 67203 (316) 264-4621 fax  
www.rbkansas.com E-mail: info@rbkansas.com

**AS BUILT PLANS**  
 Contractor: Nowak Construction  
 Inspector: Dakota Zimmerman  
 Ruggles & Bohm, P.A.  
 .pdf by: DGZ 1/28/2013



NUMBER	STATION	DESCRIPTION
1	0+62.16	Deflection is 534 ft W of Pueblo and Pueblo Ct. Int., 22.5 ft S of Pueblo CL
2	1+40.95	Bend is 447 ft W of Pueblo and Pueblo Ct. Int., 21.5 ft S of Pueblo CL
3	2+19.73	Deflection is 364 ft W of Pueblo and Pueblo Ct. Int., 19.5 ft S of Pueblo CL
4	2+83.83	Bend is 296 ft W of Pueblo and Pueblo Ct. Int., 22.5 ft S of Pueblo CL
5	4+85.89	Bend is 107 ft W of Pueblo and Pueblo Ct. Int., 30.5 ft S of Pueblo CL
6	4+91.35	Bend is 100 ft W of Pueblo and Pueblo Ct. Int., 35.2 ft S of Pueblo CL
7	5+21.35	Bend is 69 ft W of Pueblo and Pueblo Ct. Int., 41.3 ft S of Pueblo CL
8	5+48.28	Bend is 41 ft W of Pueblo and Pueblo Ct. Int., 47.8 ft S of Pueblo CL
9	5+71.14	Bend is 60 ft S of Pueblo and Pueblo Ct. Int., 22.9 ft W of Pueblo Ct. CL

\*\*\*All field tie in's are measured from the intersection of Pueblo and Pueblo Court

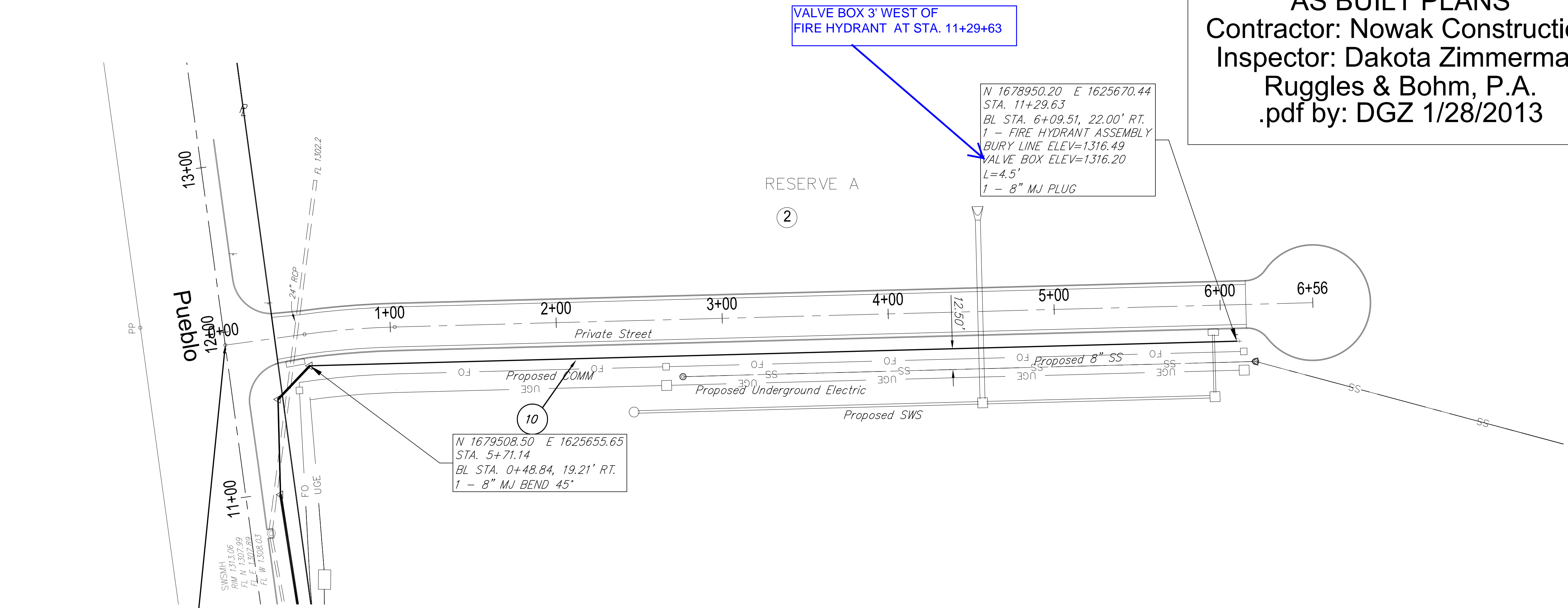
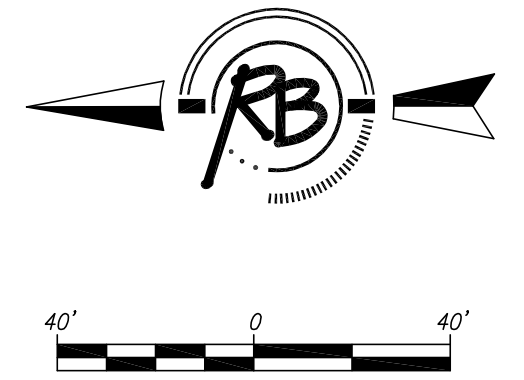


PROJECT NUMBER: 1600 PPW  
 DRAWING FILE: ENG BASE [ML P&PT]  
 DESIGN: EG  
 UTILITY  
 DRAWN: MLP  
 DATE: Jun. 20, 2011  
 REVIEW: REVIEW  
 RUGGLES & BOHM, P.A.  
 ENGINEERING, SURVEYING, LAND PLANNING  
 924 North Main  
 Wichita, Kansas 67203  
 Website: www.rugglesandbohm.com  
 Email: info@rugglesandbohm.com

WATERLINE IMPROVEMENTS  
 MID-CONTINENT TAXIWAY  
 WICHITA, KANSAS

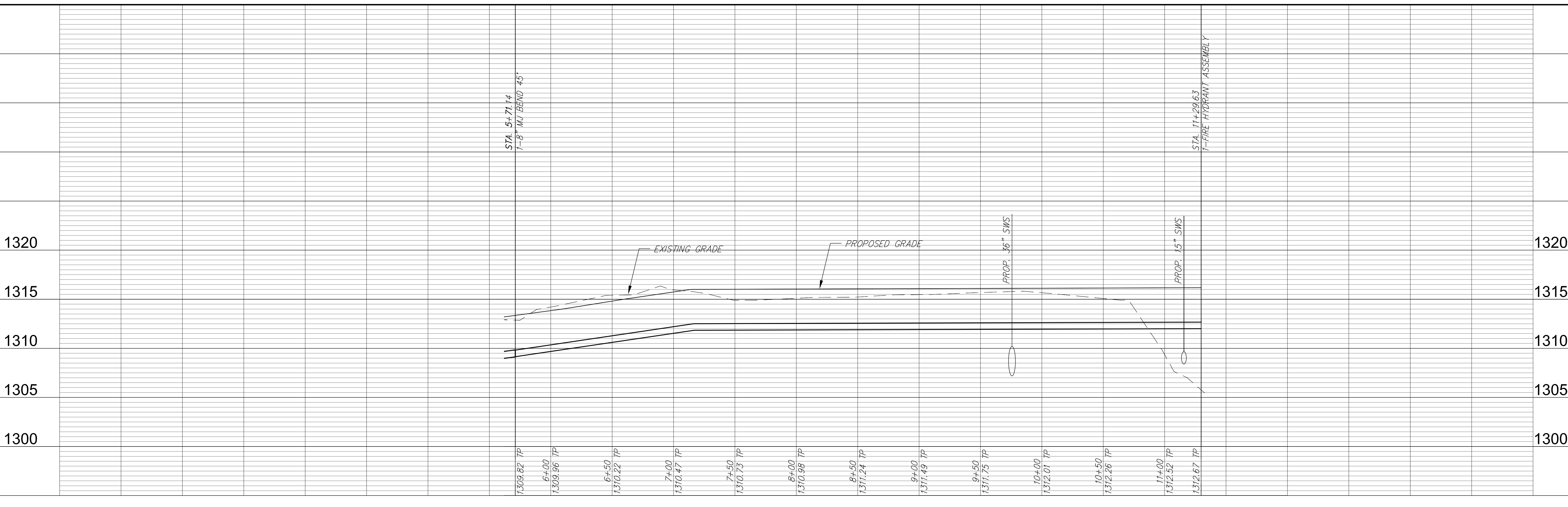
RB JOB # 28255  
 SHEET # CU2.2  
 OF

**AS BUILT PLANS**  
 Contractor: Nowak Construction  
 Inspector: Dakota Zimmerman  
 Ruggles & Bohm, P.A.  
 .pdf by: DGZ 1/28/2013



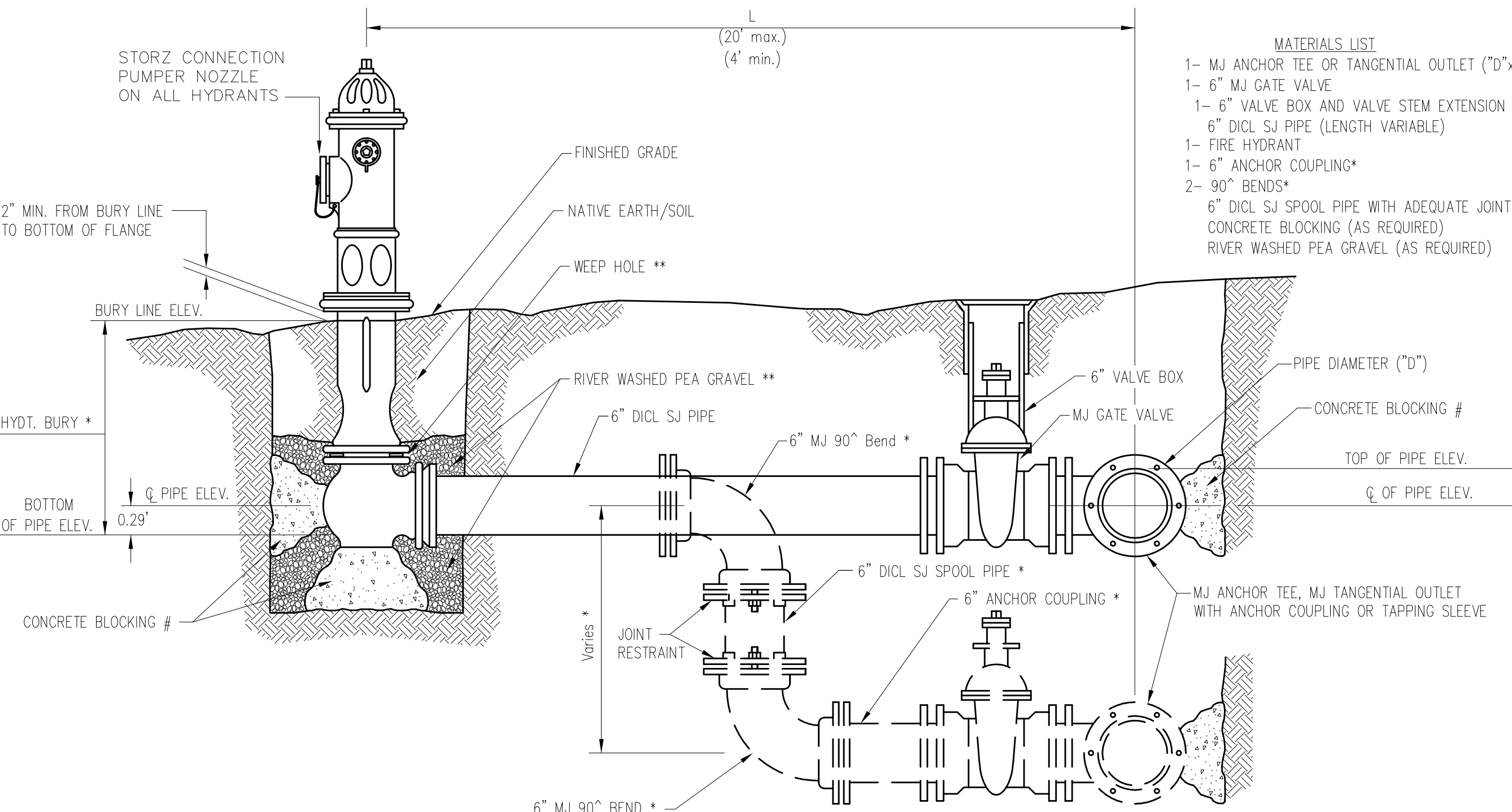
\*\*\*All field tie in's are measured from the intersection of Pueblo and Pueblo Court

NUMBER	STATION	DESCRIPTION
10	7+15.00	Bend is 203 ft S of Pueblo and Pueblo Ct. Int., 12 ft W of Pueblo Ct. CL



Ruggles & Bohm, P.A.  
 Engineering, Surveying, Land Planning  
 524 North Main  
 Wichita, Kansas 67203  
 www.rugglesandbohm.com

REVISION	REVISION	REVISION
DESIGN	DRAWN	DATE
EG	MLP	Jun. 20, 2011
UTILITY	DATE	
PROJECT NUMBER	DRAWING FILE	ENG BASE
1600 PPW	{ML P & PP2}	
<b>WATERLINE IMPROVEMENTS</b>		
<b>MID-CONTINENT TAXIWAY</b>		
<b>WICHITA, KANSAS</b>		
RB JOB #	SHEET	
28255	CU 2.3	
OF		



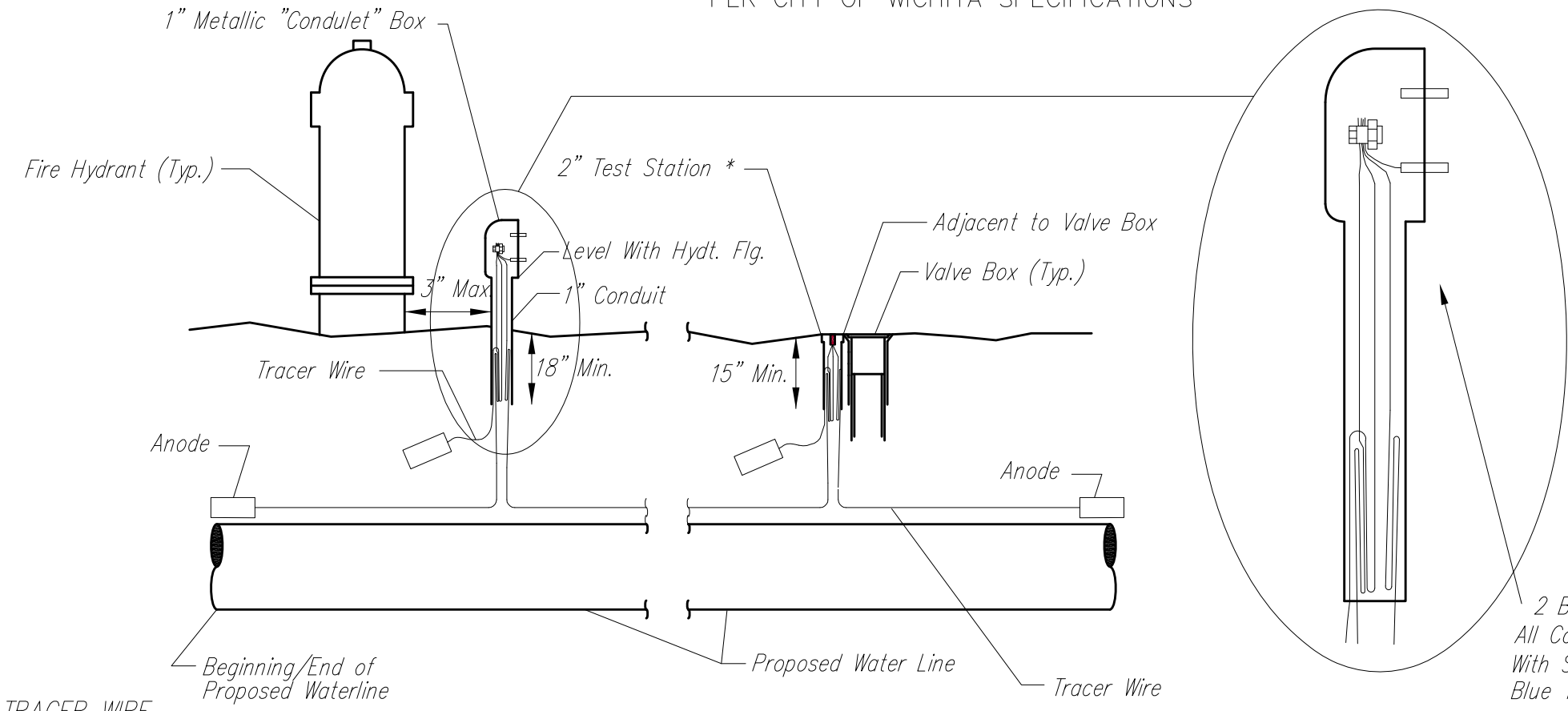
- MATERIALS LIST**
- 1- MJ ANCHOR TEE OR TANGENTIAL OUTLET ("D"x 6")
  - 1- 6" MJ GATE VALVE
  - 1- 6" VALVE BOX AND VALVE STEM EXTENSION IF REQUIRED \*
  - 6" DI CL SJ PIPE (LENGTH VARIABLE)
  - 1- FIRE HYDRANT
  - 1- 6" ANCHOR COUPLING\*
  - 2- 90° BENDS\*
  - 6" DI CL SJ SPOOL PIPE WITH ADEQUATE JOINT RESTRAINT \*
  - CONCRETE BLOCKING (AS REQUIRED)
  - RIVER WASHED PEA GRAVEL (AS REQUIRED)

\* IF THE REQUIRED HYDRANT BURY IS IN EXCESS OF 5', BUT LESS THAN 7', CONTRACTOR SHALL USE STANDARD 5' HYDRANT BURY AND HYDRANT BARREL EXTENSIONS AS NECESSARY. IF THE REQUIRED HYDRANT BURY IS GREATER THAN 7', CONTRACTOR SHALL USE 5' HYDRANT BURY, 2-MJ 90° BENDS, 6" ANCHOR COUPLING AND 6" DI CL SPOOL PIPE AS NECESSARY FOR VERTICAL ADJUSTMENT. THE CONTRACTOR SHALL PROVIDE ADEQUATE THRUST BLOCKING AT HYDRANT AND MEGALUGS, ROD AND LUG OR SIMILAR RESTRAINT BETWEEN 90° BENDS TO SECURE ALL FITTINGS DURING TESTING AND OPERATION. THE CONTRACTOR SHALL PROVIDE A VALVE STEM EXTENSION PER DETAIL THIS SHEET.

\*\* CAUTION|WEEP HOLES TO BE KEPT CLEAR DURING CONSTRUCTION AND BACKFILL. CONCRETE FOR THRUST BLOCKING SHALL NOT OBSTRUCT WEEP HOLES. PLACE 1 CUBIC FOOT OF RIVER WASHED PEA GRAVEL AROUND EACH WEEP HOLE.

# CONCRETE THRUST BLOCKING SHALL BE KEPT CLEAR OF BOLTS, NUTS, AND MJ ACCESSORIES.

**FIRE HYDRANT ASSEMBLY**  
PER CITY OF WICHITA SPECIFICATIONS



**TRACER WIRE**  
Conductive type pipe locator/tracer wire shall be installed to locate all waterline pipe regardless of pipe material. The wire shall extend the entire length of the proposed pipe. The wire shall be taped to the waterline and pulled with the pipe. Split-bolt connectors shall be used at splice locations. Electrical tape shall cover all splices so no bare wire is exposed. Test stations shall be installed adjacent to all fire hydrants along the waterline and at blowoffs or valves near the ends of the waterlines. Any exceptions to the location of test stations shall be approved by the engineer. At each test station, the tracer wire shall be connected to a 3 lb. Zinc or magnesium anode. Anodes shall also be attached to the tracer wire at both the beginning and the end of the proposed waterline. A typical layout of the tracer wire and test station is provided in the above figure.

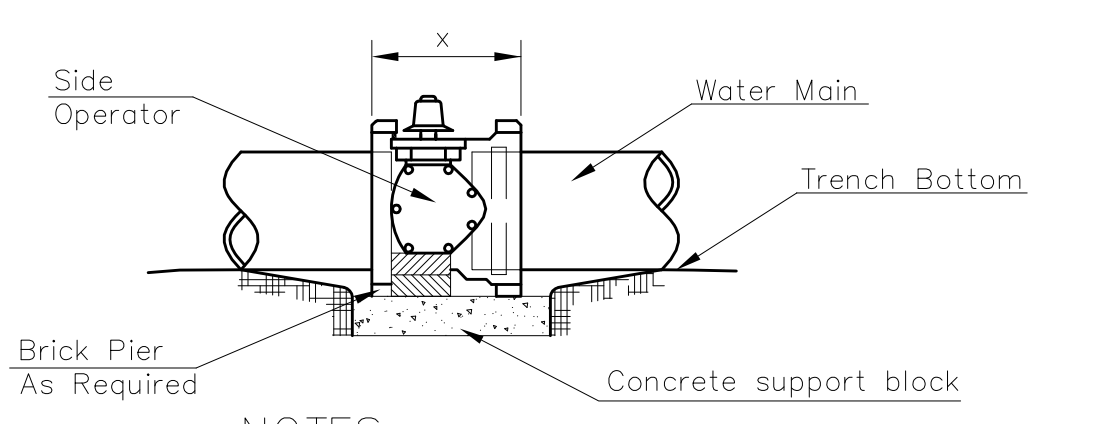
**WIRE**  
The tracer wire shall be Blue No. 12 THHN annealed soft copper wire with thermal plastic insulation or Blue No. 12 AWG CCS with 30 mil HDPE insulation. The insulation shall be heat, oil, and gasoline resistant as manufactured by Temple Electric or approved equal. To allow for grade adjustment, a minimum of 12" of excess wire shall be coiled at the bottom of the test station for all wires. The insulation sheathing shall be removed such that 1" bare copper wire at all points of connection. Contractor shall attach wire being installed with proposed water main to any tracer wire installed with adjacent waterline projects.

**TEST STATIONS**  
The test station for fire hydrant applications shall be a 1 inch galvanized "condulet" style test station as manufactured by AGRA Industries with a removable solid cover having two leads extending from the face or approved equal. The test station for valve applications shall be 2 inch flush style test station T2PS3B as manufactured by HANDLEY Industries or approved equal. The "condulet" style test station shall be attached to a 1 inch rigid galvanized conduit with a minimum length of 36" and plastic end bushing. The flush style shall have the word "WATER" stamped or molded into the lid. All test stations shall be manufactured using molded blue tops or sufficiently coated with blue enamel paint. The tracer wire and the anode wire shall be installed to allow 10 inches of wire within the test station. In concrete environments such as sidewalks or in the downtown area the contractor shall use the flush style test station. The location of all test stations shall be approved by the engineer, recorded, and shown in the as-built drawings.

**ANODES**  
The anodes shall be 3 lb. bare zinc or magnesium. The anodes shall be buried at the same elevation as the waterline at each test station. The anodes shall be connected to Black No. 12 THHN annealed soft copper wire which shall be extended to the test station.

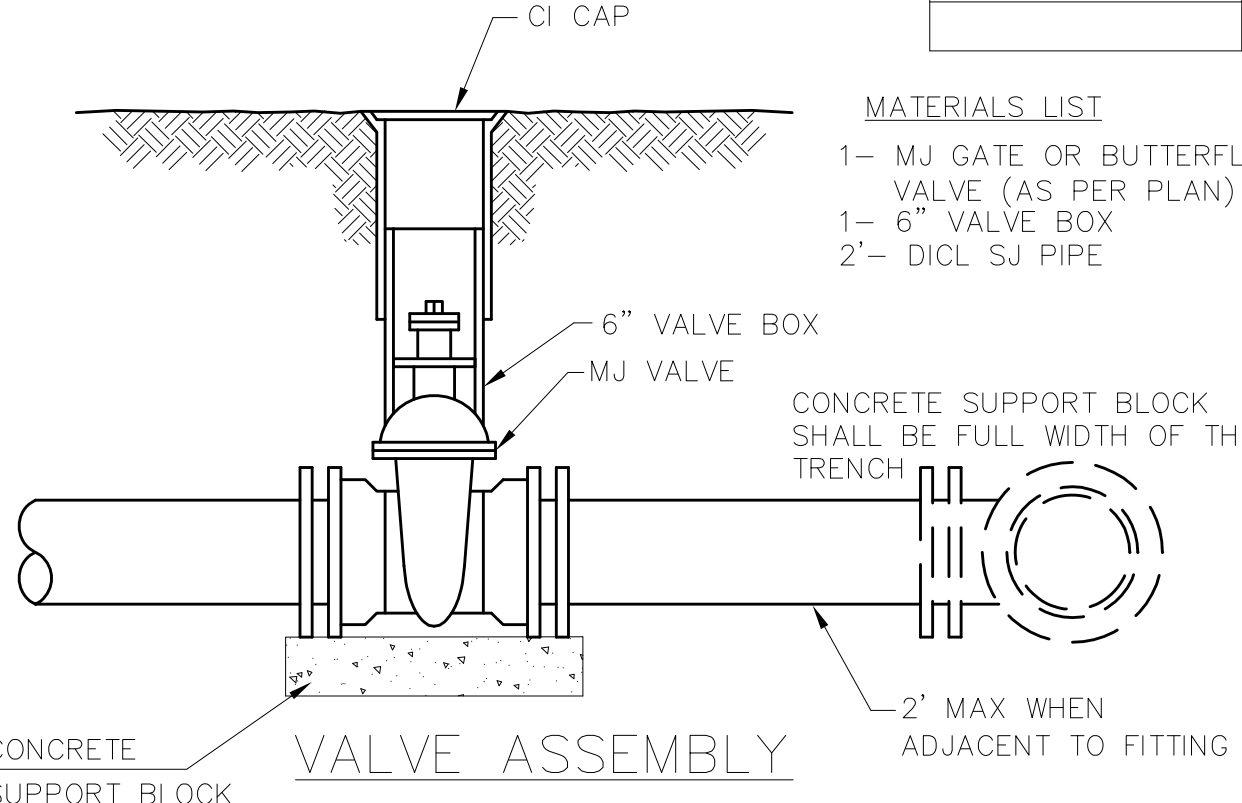
**TRACER WIRE DETAIL**  
COST IS SUBSIDIARY TO PIPE INSTALLATION

FIRE HYDRANTS REQUIRED				
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
11+29.63	1316.49	1312.67	4.5'	

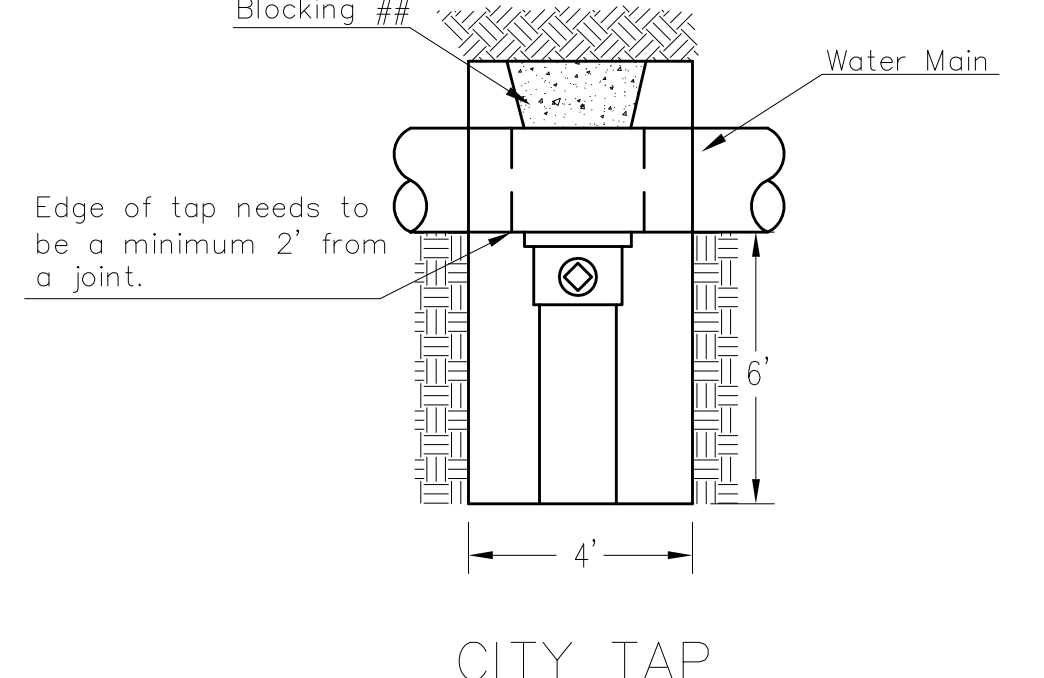


- NOTES**
- This detail covers Butterfly Valve installation, inclusive, regardless of type of pipe or joint used. 24" and larger lines to be detailed on plans.
  - 6" Valve Box and Cover required per City of Wichita Std. Specifications.
  - Conc. Support Block to be full width of trench.

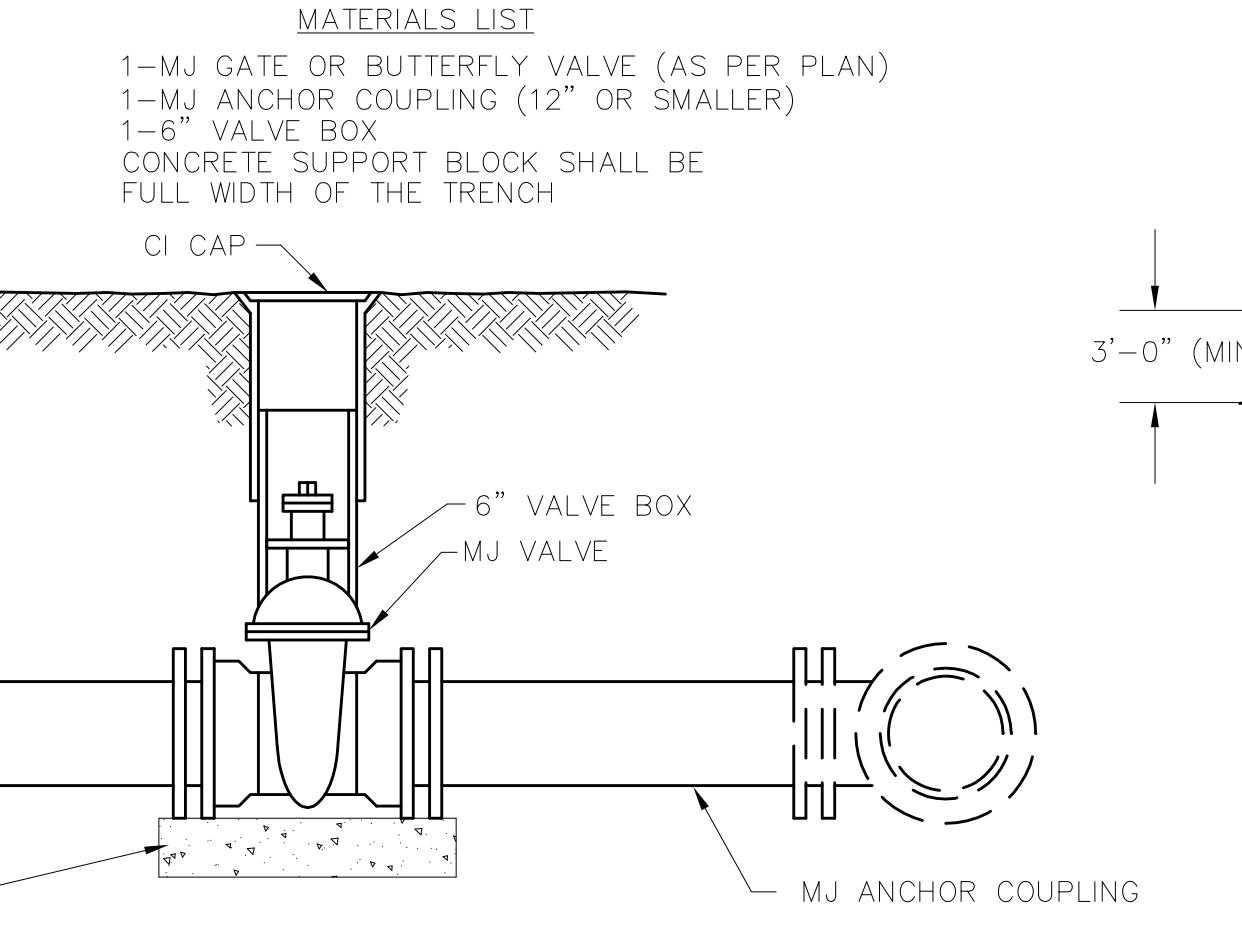
**CONCRETE SUPPORT BLOCKING FOR BUTTERFLY VALVE INSTALLATION**



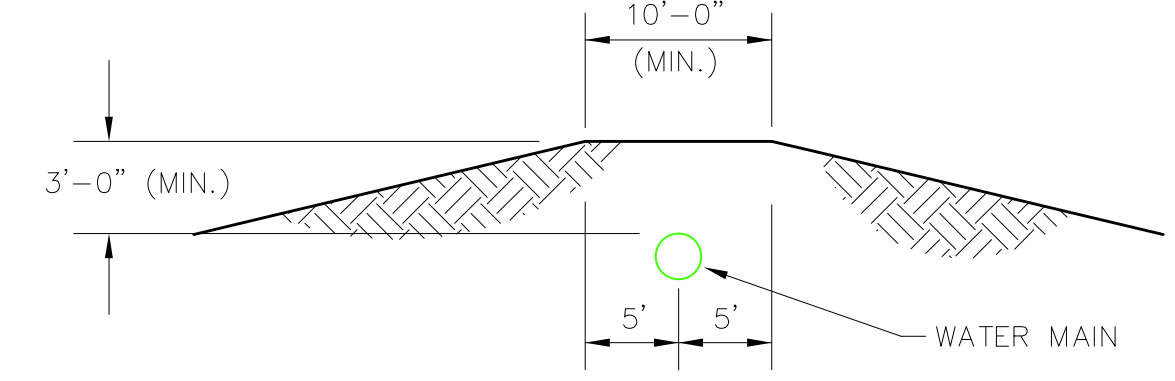
- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
  - 1- 6" VALVE BOX
  - 2"- DI CL SJ PIPE



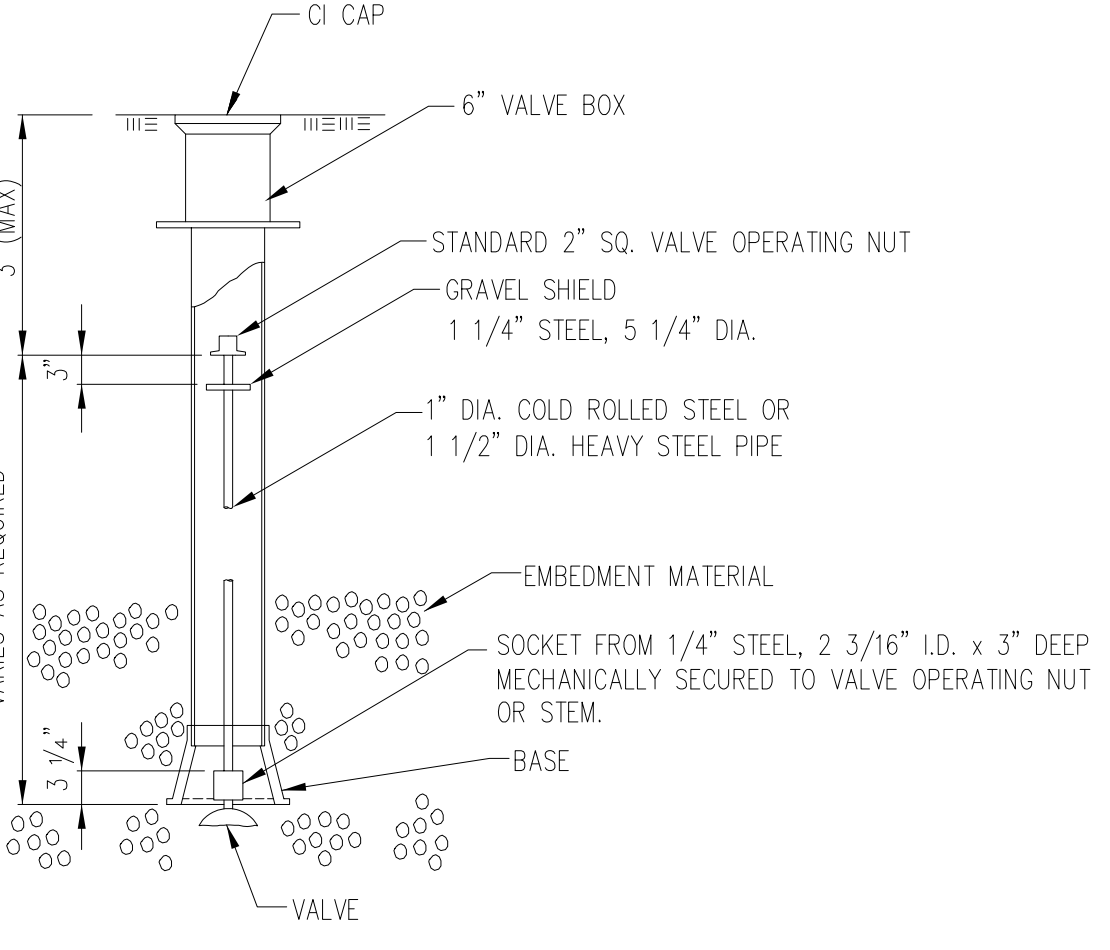
## When the City of Wichita makes tap, blocking is to be done by Contractor



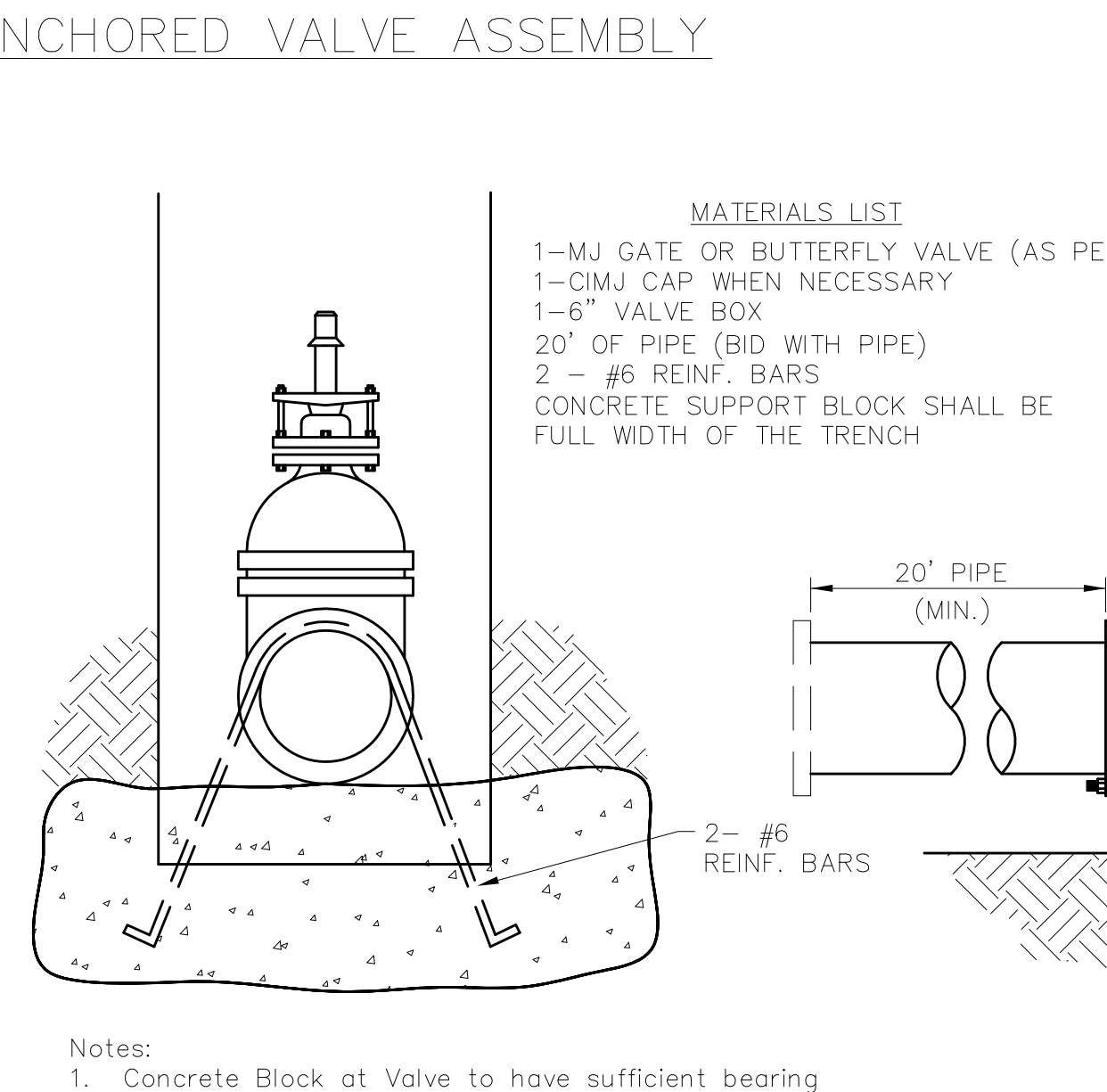
- MATERIALS LIST**
- 1-MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
  - 1-MJ ANCHOR COUPLING (12" OR SMALLER)
  - 1-6" VALVE BOX
  - CONCRETE SUPPORT BLOCK SHALL BE FULL WIDTH OF THE TRENCH



**PROTECTIVE FILL DETAIL**  
MINIMUM PROTECTIVE FILL SHALL BE PROVIDED IN ALL INSTANCES WHERE COVER OVER THE PROP. WATER LINE IS LESS THAN 3'. (COST SUBSIDIARY TO PIPE INSTALLATION)



**VALVE STEM EXTENSION DETAIL**  
NOTE: ONE VALVE STEM EXTENSION FOR EACH VALVE BURIED GREATER THAN 5'.

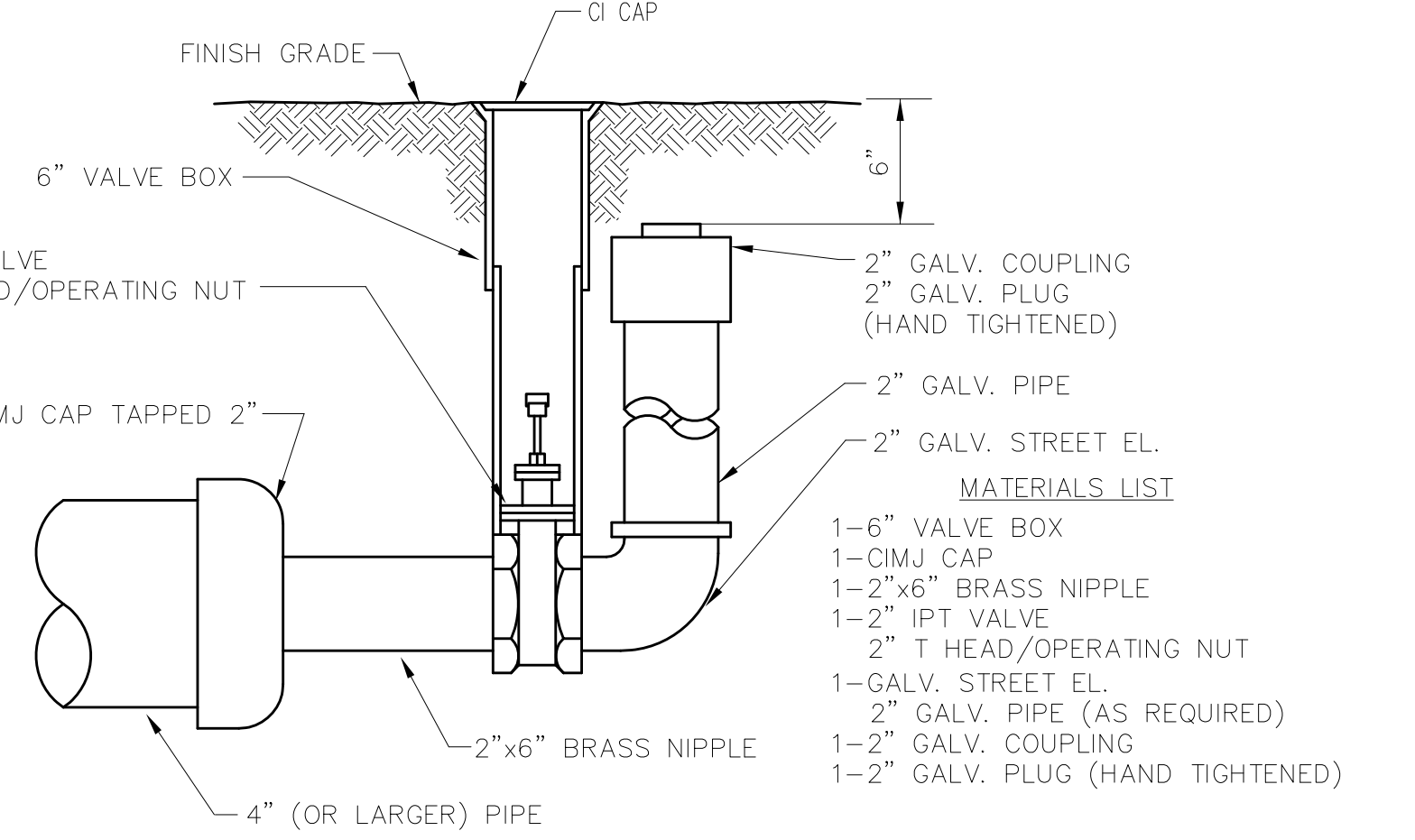


- MATERIALS LIST**
- 1-MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
  - 1-CIMJ CAP WHEN NECESSARY
  - 1-6" VALVE BOX
  - 20' OF PIPE (BID WITH PIPE)
  - 2 - #6 REINF. BARS
  - CONCRETE SUPPORT BLOCK SHALL BE FULL WIDTH OF THE TRENCH

- Notes:**
- Concrete Block at Valve to have sufficient bearing in undisturbed soil to prevent thrust movement as shown in table at right. Field Engineer to determine thrust loading of undisturbed soil and final size of thrust block.
  - The thrust block shall be constructed such that bolts, nuts, and other MJ accessories are kept clear of concrete.
  - All valves at dead ends and at other locations as called out on the plans shall be blocked as shown here.

THRUST AT VALVES	
VALVE	THRUST AT 150 #/sq
4"	1809 lbs.
6"	4245 lbs.
8"	7540 lbs.
12"	16965 lbs.

**ANCHORED VALVE ASSEMBLY, SPECIAL**



- MATERIALS LIST**
- 1-6" VALVE BOX
  - 1-CIMJ CAP
  - 1-2"x6" BRASS NIPPLE
  - 1-2" IPT VALVE
  - 2" T HEAD/OPERATING NUT
  - 1-GALV. STREET EL.
  - 2" GALV. PIPE (AS REQUIRED)
  - 1-2" GALV. COUPLING
  - 1-2" GALV. PLUG (HAND TIGHTENED)

**2" BLOWOFF ASSEMBLY**

**CITY OF WICHITA**  
PUBLIC WORKS & UTILITIES  
ENGINEERING DIVISION

**STANDARD WATER ASSEMBLY DETAIL**

CITY ENGINEER  
**JAMES L. ARMOUR, P.E., L.S.**

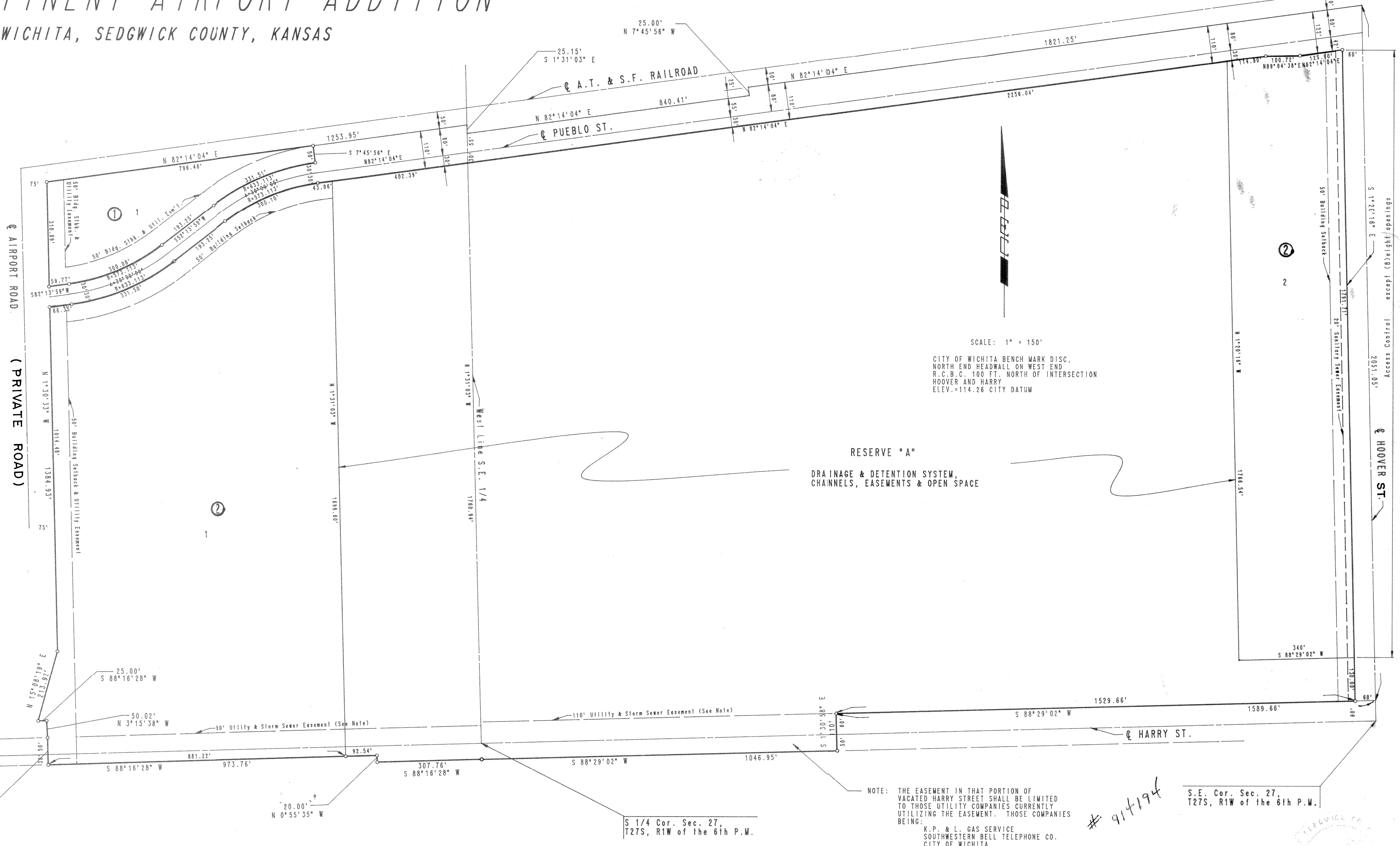
PROJECT NUMBER 1600 PPW	OCA NUMBER 607853	DATE 12/2011
----------------------------	----------------------	-----------------

CITY ENGINEER'S OFFICE  
CITY HALL - SEVENTH FLOOR  
455 NORTH MAIN STREET  
WICHITA, KANSAS 67202-1620  
(316) 268-4501

SHEET  
**CU 2.4**  
of

# MID-CONTINENT AIRPORT ADDITION

## WICHITA, SEDGWICK COUNTY, KANSAS



STATE OF KANSAS )  
 COUNTY OF SEDGWICK ) SS

I, R.W. LINN, A PROFESSIONAL ENGINEER IN AFORESAID STATE AND COUNTY, DO HEREBY CERTIFY THAT ON THIS 15th DAY OF July, 1986, I HAVE CAUSED TO BE SURVEYED AND PLATTED, MID-CONTINENT AIRPORT ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS, INTO LOTS, BLOCKS, STREETS AND A RESERVE, THE SAME BEING A REPLAY OF RESERVES A & B AND PART OF RESERVE C, ALSO, BLOCKS 1 & 2 WITH INCLUDED STREETS IN WICHITA MUNICIPAL AIRPORT ADDITION TO WICHITA, KANSAS, TOGETHER WITH BLOCKS D, E, F, G, H, & J, PLUS INCLUDED STREETS PUEBLO DRIVE, MONTEZUMA ROAD, SIERRA DRIVE, SIEGER DRIVE, CORTEZ ROAD AND POLO ALTO DRIVE, ALL IN ROLLING HILLS MESA ADDITION, SEDGWICK COUNTY, KANSAS, AND MORE PARTICULARLY DESCRIBED AS A TRACT OF LAND IN THE S 1/2 OF SECTION 27 AND PORTION OF THE NORTH 30.00 FEET OF SECTION 34, TOWNSHIP 27 SOUTH, RANGE 1 WEST OF THE 6TH P.W. AND BEGINNING AT A POINT IN THE EAST LINE AND 60.00 FEET NORTH OF THE SE CORNER OF THE SE 1/4 OF SAID SECTION 27; THENCE BEARING S88°29'02"W PARALLEL WITH AND 60.00 FEET NORTH OF THE SOUTH LINE OF SAID SE 1/4 A DISTANCE OF 1589.66 FEET; THENCE BEARING S1°30'58"E A DISTANCE OF 110.00 FEET; THENCE BEARING S88°29'02"W PARALLEL TO AND 50.00 FEET SOUTH OF THE SOUTH LINE OF THE SE 1/4 OF SAID SECTION 27, A DISTANCE OF 1046.95 FEET; THENCE BEARING S88°16'28"W PARALLEL WITH AND 50 FEET SOUTH OF THE SOUTH LINE SW 1/4 OF SECTION 27, A DISTANCE OF 307.76 FEET; THENCE BEARING N0°55'35"W A DISTANCE OF 20.00 FEET; THENCE BEARING S88°16'28"W PARALLEL TO AND 30.00 FEET SOUTH OF THE SOUTH LINE SW 1/4 OF SECTION 27, A DISTANCE OF 973.76 FEET; THENCE BEARING N1°43'32"W A DISTANCE OF 80.00 FEET TO THE SE CORNER OF LOT 14 BLOCK "C," ROLLING HILLS MESA ADDITION; THENCE BEARING N3°15'38"W A DISTANCE OF 50.02 FEET TO THE NE CORNER OF SAID LOT 14; THENCE BEARING S88°16'28"W A DISTANCE OF 25.00 FEET TO THE NW CORNER OF SAID LOT 14; THENCE BEARING N15°08'19"E ALONG THE EASTERLY LINE OF LOT 7 IN SAID BLOCK "C," A DISTANCE OF 213.92 FEET; THENCE BEARING N1°30'33"W ALONG THE EAST LINE OF SAID LOT 7, A DISTANCE OF 1384.93 FEET TO A POINT IN THE SOUTH RIGHT-OF-WAY LINE OF A.T. & S.F. RAILROAD; THENCE BEARING N82°14'04"E ALONG SAID SOUTH RIGHT-OF-WAY A DISTANCE OF 1253.95 FEET TO A POINT IN THE WEST LINE OF THE SE 1/4 OF SAID SECTION 27; THENCE BEARING S1°31'03"E ALONG SAID WEST LINE A DISTANCE OF 25.15 FEET; THENCE BEARING N82°14'04"E ALONG SAID SOUTH RIGHT-OF-WAY A DISTANCE OF 840.41 FEET; THENCE BEARING N7°45'56"W A DISTANCE OF 25.00 FEET; THENCE BEARING N82°14'04"E A DISTANCE OF 1821.25 FEET TO A POINT IN THE EAST LINE SE 1/4 OF SAID SECTION 27; THENCE BEARING S1°20'16"E A DISTANCE OF 2051.05 TO THE POINT OF BEGINNING.

R.W. LINN P.E. NO. 3684



SCALE: 1" = 150'  
 CITY OF WICHITA BENCH MARK DISC,  
 NORTH END HEADWALL ON WEST END  
 R.C.B.C. 100 FT. NORTH OF INTERSECTION  
 HOOVER AND HARRY  
 ELEV. = 114.26 CITY DATUM

RESERVE "A"  
 DRAINAGE & DETENTION SYSTEM,  
 CHANNELS, EASEMENTS & OPEN SPACE

NOTE: THE EASEMENT IN THAT PORTION OF VACATED HARRY STREET SHALL BE LIMITED TO THOSE UTILITY COMPANIES CURRENTLY UTILIZING THE EASEMENT. THOSE COMPANIES BEING:  
 K.P. & L. GAS SERVICE  
 SOUTHWESTERN BELL TELEPHONE CO.  
 CITY OF WICHITA

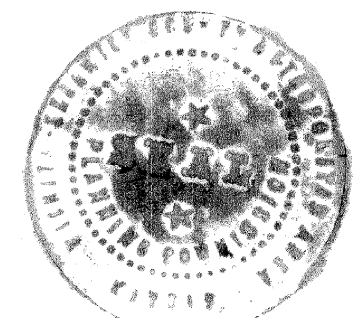
KNOW ALL MEN BY THESE PRESENTS THAT WE, THE UNDERSIGNED PROPERTY OWNERS OF THE LAND SET FORTH IN THE ENGINEER'S CERTIFICATE HAVE CAUSED THE LAND TO BE SURVEYED AND PLATTED INTO LOTS, BLOCKS, STREETS AND A RESERVE, THE SAME TO BE KNOWN AS MID-CONTINENT AIRPORT ADDITION, WICHITA, SEDGWICK COUNTY, KANSAS. EASEMENTS, AS INDICATED FOR THE CONSTRUCTION AND MAINTENANCE OF PUBLIC UTILITIES AND DRAINAGE ARE HEREBY GRANTED. STREETS ARE HEREBY DEDICATED TO AND FOR THE USE OF THE PUBLIC. RESERVE A SHALL BE OWNED AND MAINTAINED BY THE WICHITA AIRPORT AUTHORITY AND SHALL BE RESERVED FOR DRAINAGE AND DETENTION SYSTEM, CHANNELS, EASEMENTS AND OPEN SPACE. MINIMUM PAD ELEVATION REQUIRED FOR ALL LOTS, SHALL BE 1304 W.S.L. (+116.6 CITY DATUM). ALL ABUTTERS' RIGHTS OF ACCESS TO AND FROM HOOVER ROAD OVER AND ACROSS THE EAST LINE OF LOT 2, BLOCK 2 ARE HEREBY GRANTED TO THE CITY OF WICHITA; PROVIDED, HOWEVER, THAT LOT 2 SHALL HAVE ACCESS TO HOOVER ROAD AT EIGHT (8) LOCATIONS, SAID LOCATION TO BE DETERMINED BY THE CITY ENGINEER OF THE CITY OF WICHITA, KANSAS ALL PORTIONS OF WICHITA MUNICIPAL AIRPORT ADDITION AND ROLLING HILLS MESA ADDITION WITHIN THE ABOVE DESCRIBED TRACT ARE HEREBY VACATED AND REPLATTED BY VIRTUE OF K.S.A. 12-512(b) AMENDED. OWNER: THE WICHITA AIRPORT AUTHORITY

MILTON GLICKMAN PRESIDENT  
 JUDY N. MOHRING CLERK

THIS PLAT HAS BEEN SUBMITTED TO AND APPROVED BY THE WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION, WICHITA, KANSAS. DATED THIS 15th DAY OF June, 1986.  
 DAVID BAYDUTH VICE-CHAIRMAN  
 MICHAEL E. LINDEBAK SECRETARY

THIS PLAT APPROVED AND ALL DEDICATIONS SHOWN HEREON ARE ACCEPTED BY THE CITY COMMISSION OF THE CITY OF WICHITA, KANSAS. DATED THIS 12th DAY OF July, 1986.  
 TONY CASADO MAYOR  
 DONALD C. GTSICK CITY CLERK

ENTERED ON TRANSFER RECORD, THIS 23rd DAY OF October, 1986.  
 DON WRIGHT COUNTY CLERK  
 THIS IS TO CERTIFY THAT THIS INSTRUMENT WAS FILED FOR RECORD IN THE REGISTER OF DEEDS OFFICE AT 9:00 A.M., ON THIS 23RD DAY OF OCTOBER, 1987.  
 PAT KETTLER REGISTER OF DEEDS  
 ED RESA ED RESA



Restrictive Covenant F 847 pg 483  
 Restrictive Covenant F 847 pg 485