

AS BUILT PLANS

Contractor: Mies
Inspector: Don Eddingfield, Baughman Co.

WATER DISTRIBUTION SYSTEM to serve

MEL HAMBELTON 2ND ADDITION

pdf's by: KEK, 5/8/13

CITY OF WICHITA, KANSAS

Gary Janzen, P.E. City Engineer
Project Number
1701 PPW (607853)

American Fire Hydrant & Valve

Benchmarks

BM#1: City of Wichita Benchmark Disc on west end of RCBC Headwall, 17.7' N. & 35.9' W. of the NW corner of Lot 1, Block A, Mel Hamblenton 2nd Addition. Elev. = 1328.33 NAVD88
BM#2: Railroad Spike in Power Pole, 35.2' W. & 1.0' S. of the first deflection corner south of the NE corner of Lot 1, Block A, Mel Hamblenton 2nd Addition. Elev. = 1330.80 NAVD88

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GENERAL NOTES:

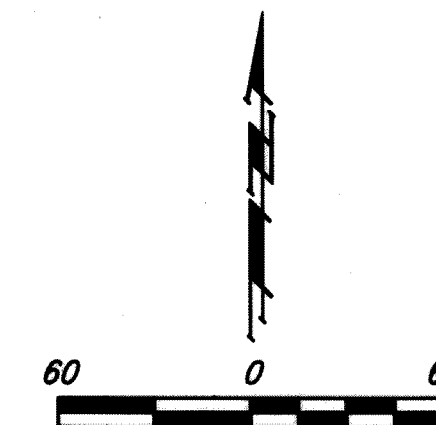
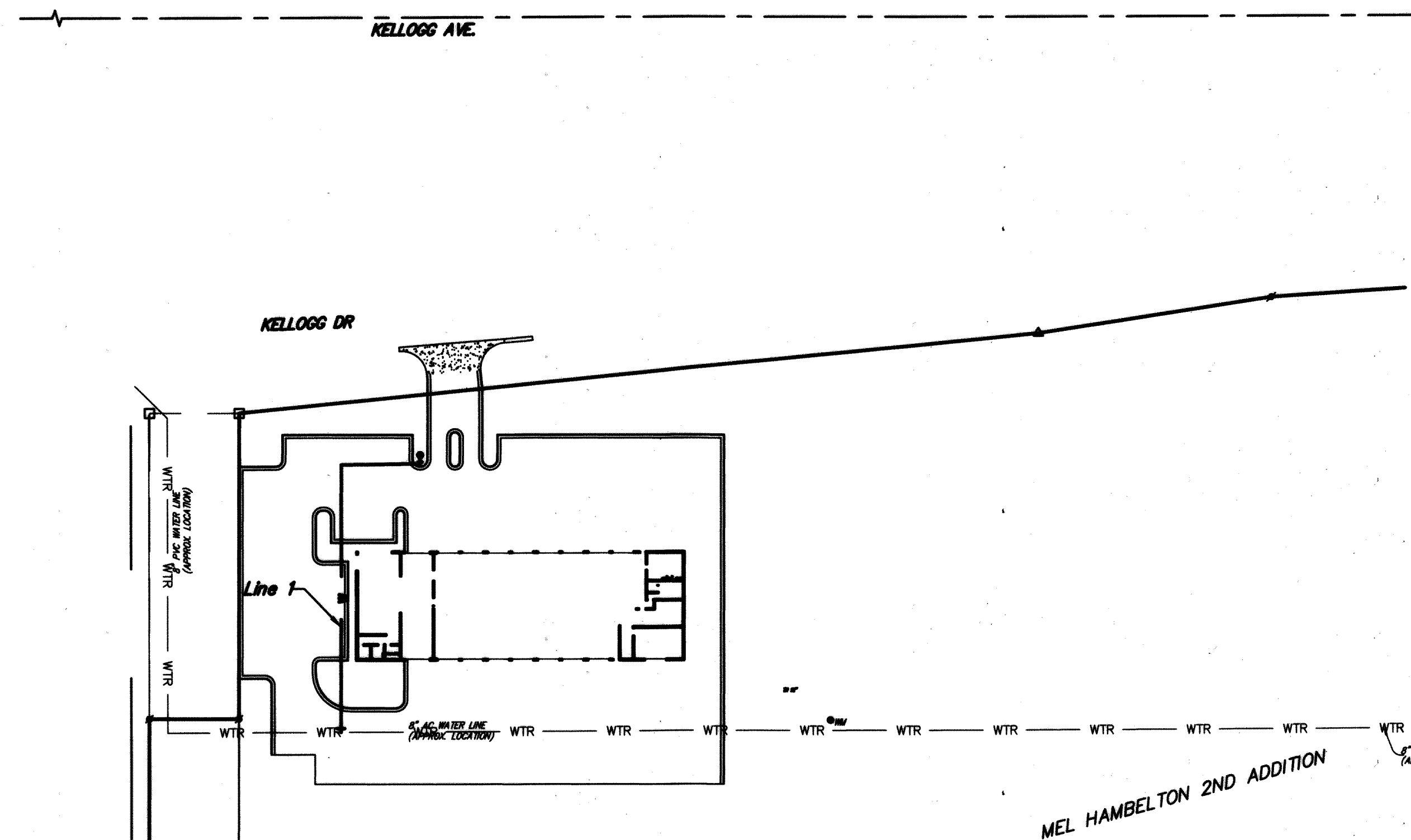
- Contractor will be required to provide notice to utility companies a minimum of seventy-two (72) hours prior to any excavation, as follows:

Kansas One-Call 687-2470

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

Cox Communications 262-4270
Kansas Gas Service 1-888-482-4950
Westar Energy 383-8650
Black Hills Energy 1-800-303-0357
AT&T 268-2245
City of Wichita Water Dept. 268-4563
City of Wichita Sewer Maint. 268-4024
City of Wichita Storm Sewer Maint. 268-4090
City of Wichita Traffic Maint. 268-4034
Conoco Phillips Pipeline Co. 1-877-267-2290
Southern Star Pipeline Co. 529-2600
Kinder-Morgan Pipeline Co. 1-888-844-5658

- Utility service lines, poles, valve boxes, meters, and etcetera 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. 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, in the opinion of the Engineer, that 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.
- 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.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days notice prior to start of construction.
- 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.
- All existing and proposed erosion control measures including silt fencing, erosion control mat, straw bales, inlet barriers, and const. entrance shall be maintained throughout construction by the contractor and until project is accepted by the City of Wichita. The on-site engineer shall complete weekly reports on the status of erosion control measures. The contractor shall be required to comply with maintenance and/or replacement of erosion control measures as determined by the on-site engineer until project is accepted by City of Wichita. Maintenance and/or replacement of erosion control measures to be paid by L.S. bid item "Site Restoration".
- Area will be seeded by others.
- The Contractor shall adjust water valve boxes and fire hydrants as directed by the Engineer at the price bid for said adjustments. The Water Department shall field locate water valves one time during construction when requested by Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, water valve boxes or fire hydrants damaged during construction shall be repaired by the Contractor at his own expense.
- All water mains and appurtenances shall be installed in accordance with City of Wichita, Kansas Standard Specifications for Water Main Installations No. 14533.
- Opening and closing of water valves shall be done slowly to prevent damage to the water distributions system from water hammer. All valves closed by the contractor must be reopened as new construction permits. Project inspector must ascertain that any valve closed by the Contractor is reopened. Contractor will be permitted to operate water valves only when the project inspector assigned to the project is present.



APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA,
BY WICHITA WATER & SEWER DEPARTMENT,
& BY WICHITA FIRE DEPARTMENT

Public Works *[Signature]* 3-27-13
Water & Sewer *[Signature]* 3-27-13
Fire *[Signature]* 3-27-2013

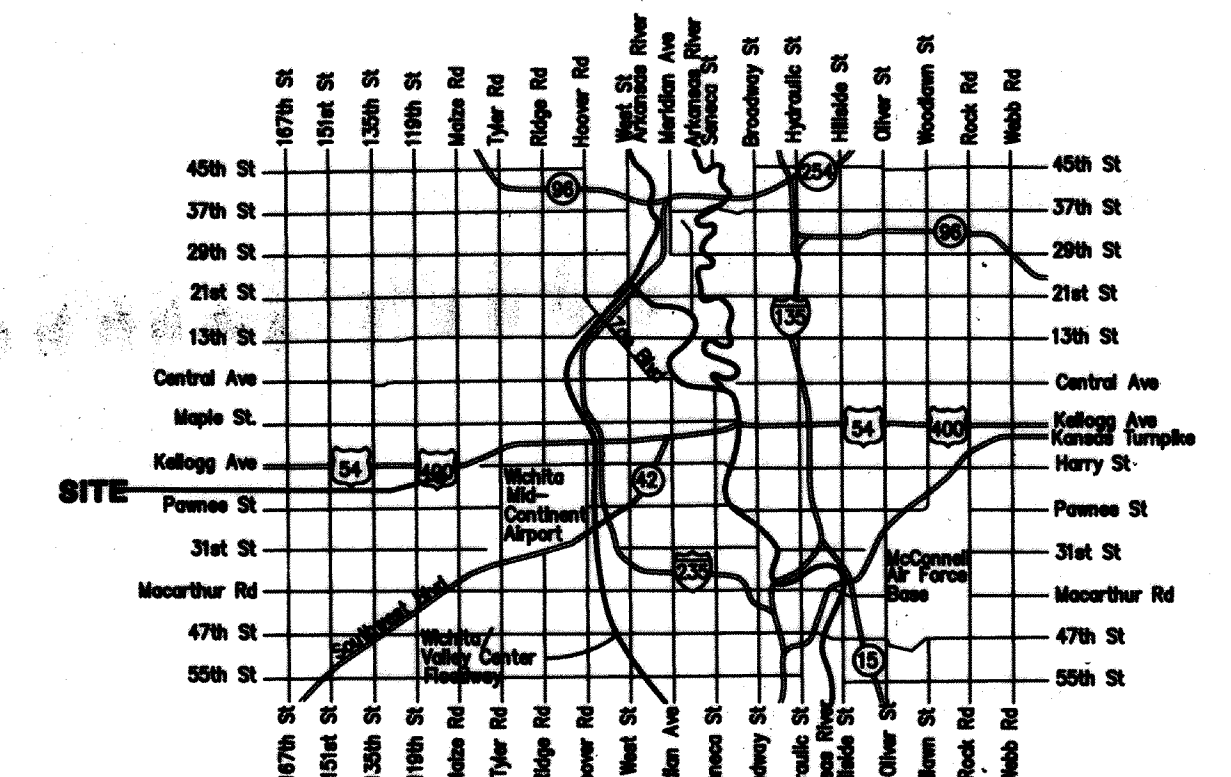
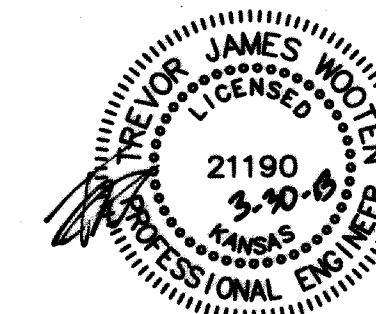
NOTE TO CONTRACTORS

Public Property:

Inspection and testing for the waterline is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Professional Engineer Licensed in the state of Kansas. 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. All Construction and Materials shall comply with the City or Wichita Specifications and Standards (on file and available in the City Engineer's Office).

Private Property:

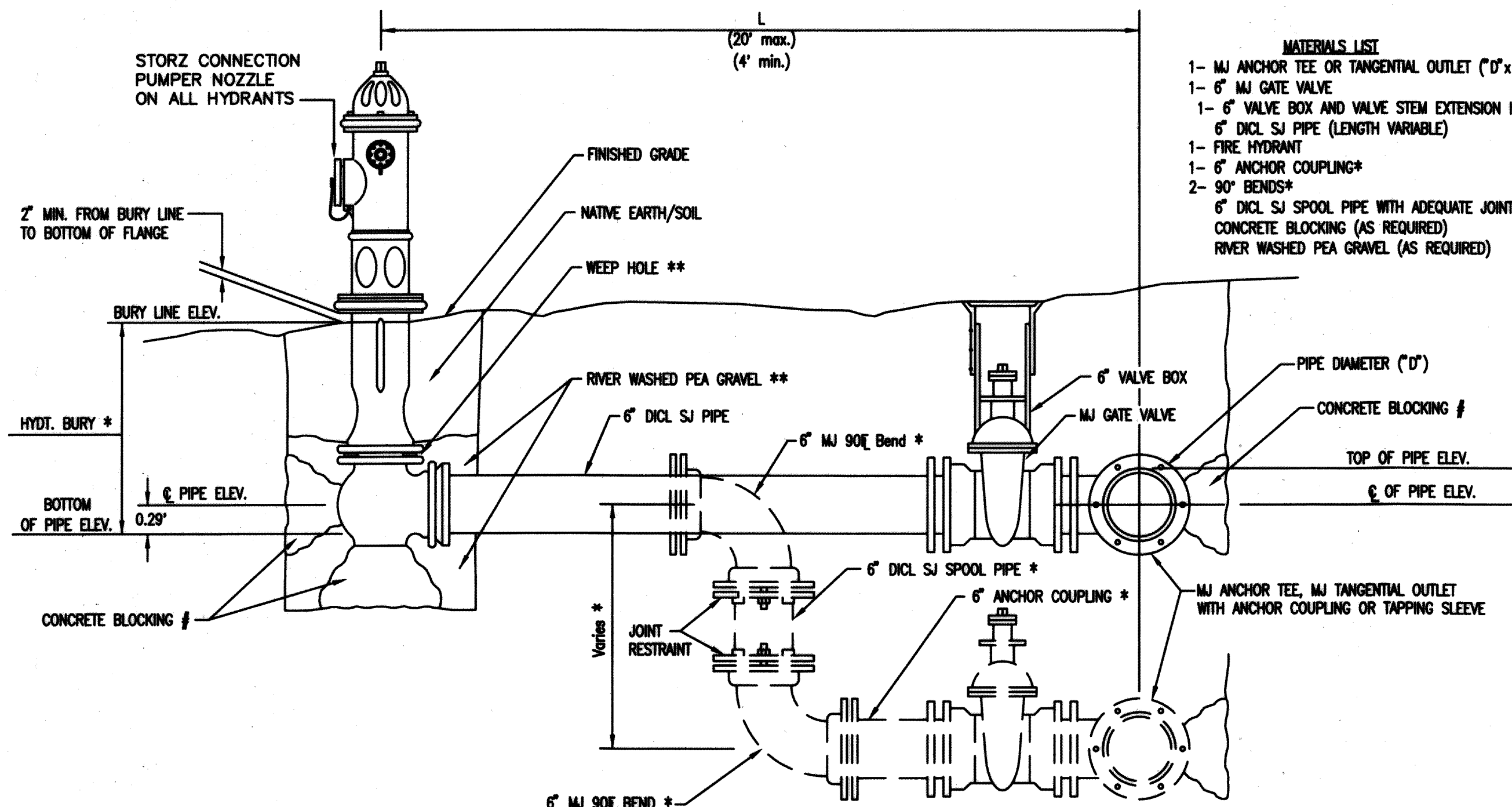
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with the fire codes as adopted by the City of Wichita (available from the City of Wichita Fire Department). The Contractor shall not commence work without notification and approval of the Wichita Fire Department. Inspection of the fire protection line is to be provided by a licensed Engineering Firm under contract with the Owner/Developer and the Fire Department. The contractor shall not start work until the project inspector is assigned to the project and present on the site. Any work done without inspection will be required to be uncovered for inspection.



Vicinity Map



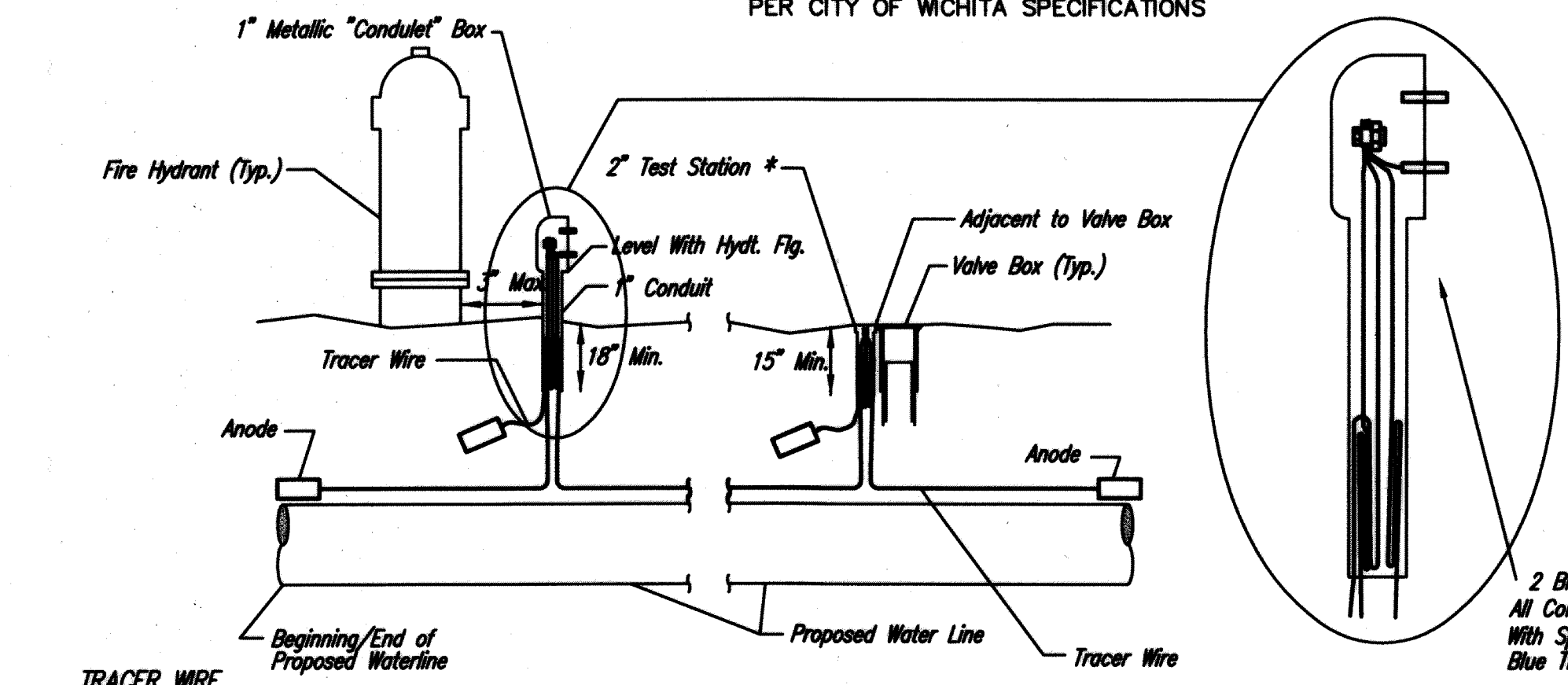
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE



- MATERIALS LIST**
- 1- MJ ANCHOR TEE OR TANGENTIAL OUTLET (12" x 6")
 - 1- 6" MJ GATE VALVE
 - 1- 6" VALVE BOX AND VALVE STEM EXTENSION IF REQUIRED *
 - 6" DICL SJ PIPE (LENGTH VARIABLE)
 - 1- FIRE HYDRANT
 - 1- 6" ANCHOR COUPLING*
 - 2- 90° BENDS*
 - 6" DICL 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" DICL 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.

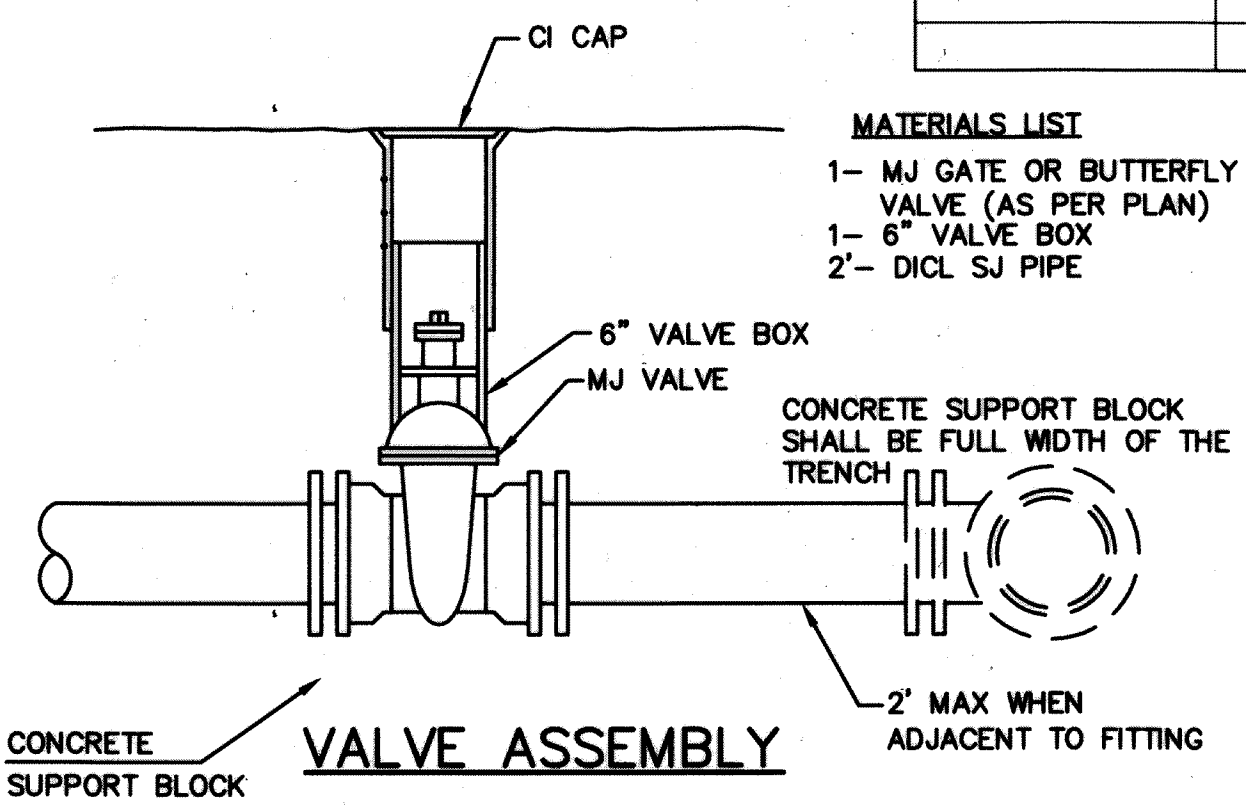
TEST STATIONS
The test station for fire hydrant applications shall be a 1 inch galvanized "condulet" style test station as manufactured by AGRA Industries with a removable solid cover having two leads extending from the face or approved equal. The test station for valve applications shall be 2 inch flush 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

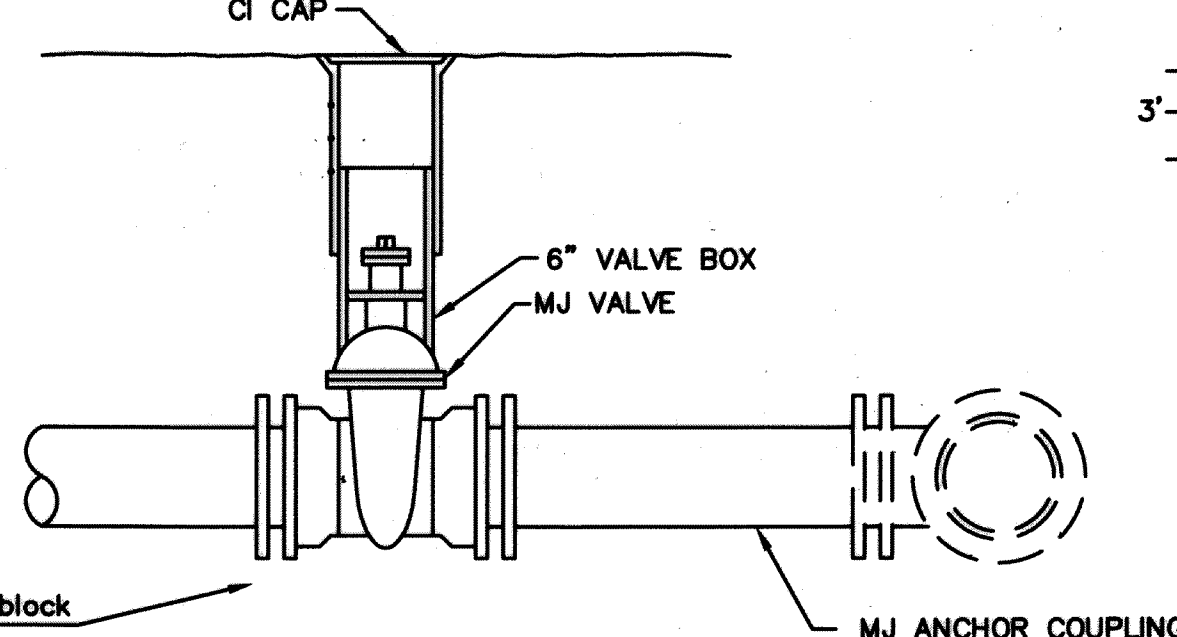
FIRE HYDRANTS REQUIRED

STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
1+92.45	1330.00	1325.65	5.0'	-



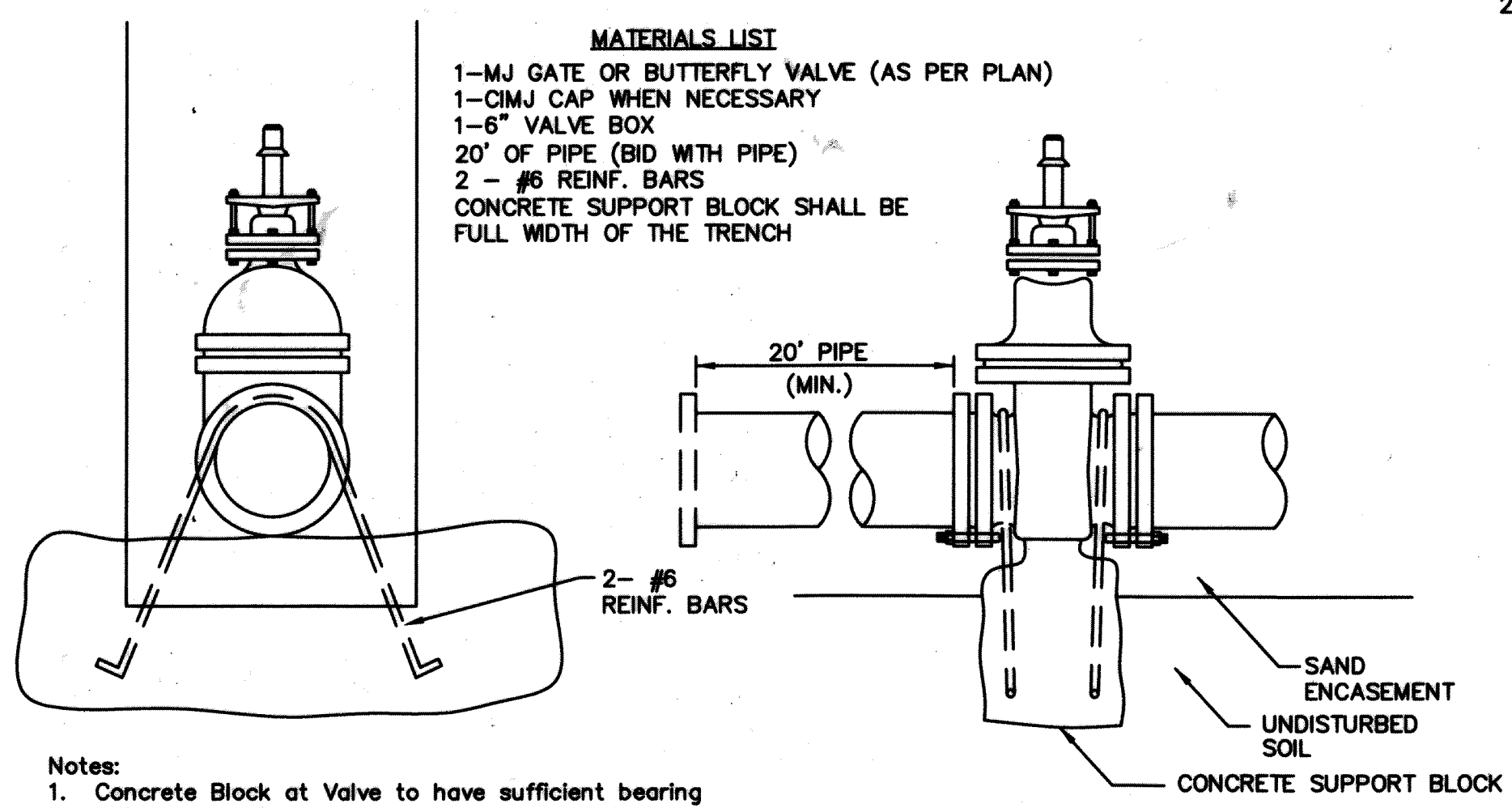
- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
 - 1- 6" VALVE BOX
 - 2- DICL SJ PIPE

- 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



ANCHORED VALVE ASSEMBLY

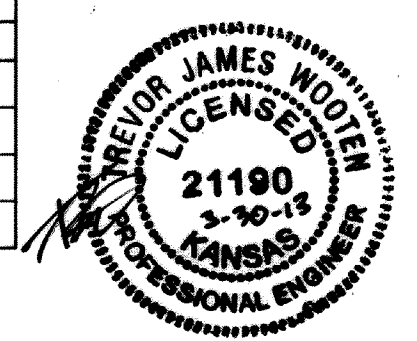
- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
 - 1- CI MJ CAP WHEN NECESSARY
 - 1- 6" VALVE BOX
 - 20' OF PIPE (BID WITH PIPE)
 - 2 - #6 REINF. BARS
 - CONCRETE SUPPORT BLOCK SHALL BE FULL WIDTH OF THE TRENCH



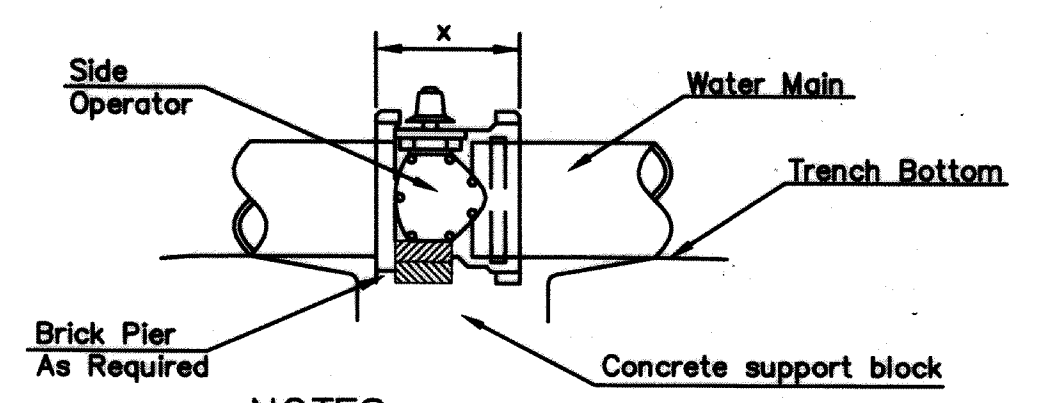
- Notes:**
- Concrete Block at Valve to have sufficient bearing in undisturbed soil to prevent thrust movement as shown in table at right. Field Engineer to determine thrust loading of undisturbed soil and final size of thrust block.
 - The thrust block shall be constructed such that bolts, nuts, and 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.

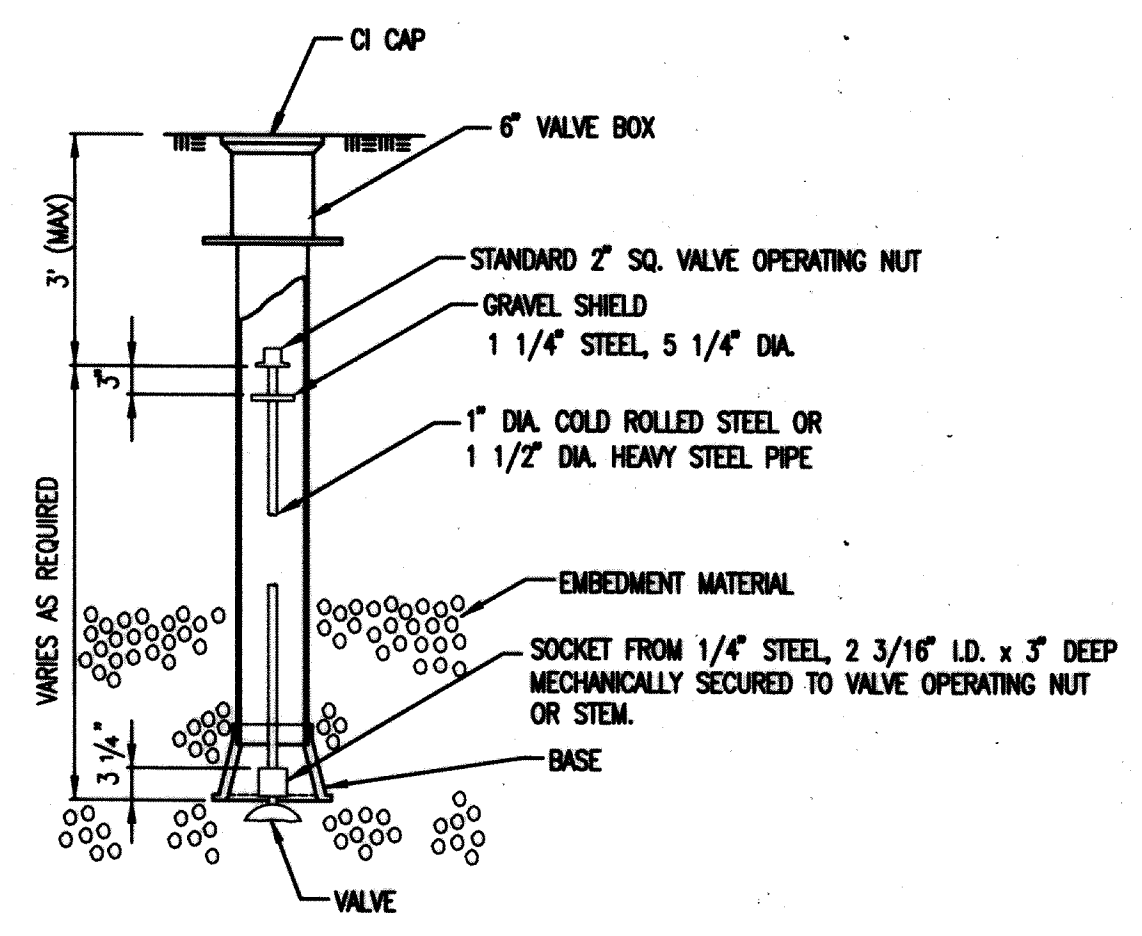


ANCHORED VALVE ASSEMBLY, SPECIAL



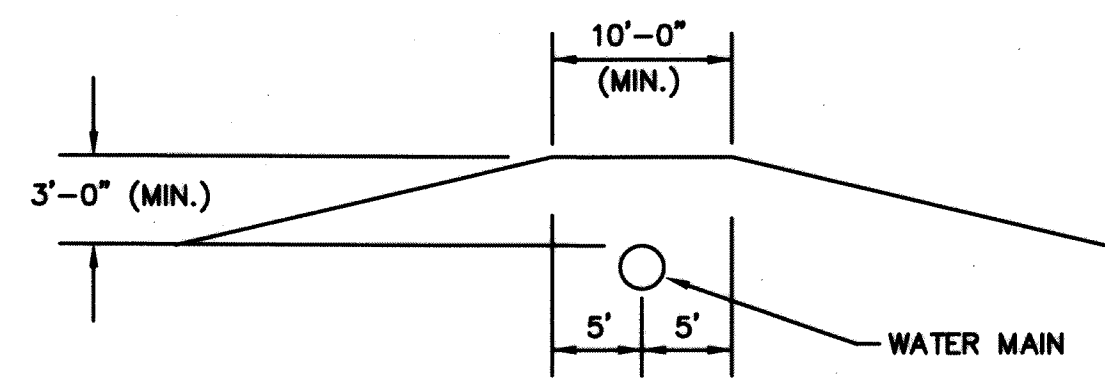
- NOTES**
- This detail covers Butterfly Valve installation, inclusive, regardless of type of pipe or joint used. 24" and larger lines to be detailed on plans.
 - 6" Valve Box and Cover required per City of Wichita Std. Specifications.
 - Conc. Support Block to be full width of trench.

CONCRETE SUPPORT BLOCKING FOR BUTTERFLY VALVE INSTALLATION



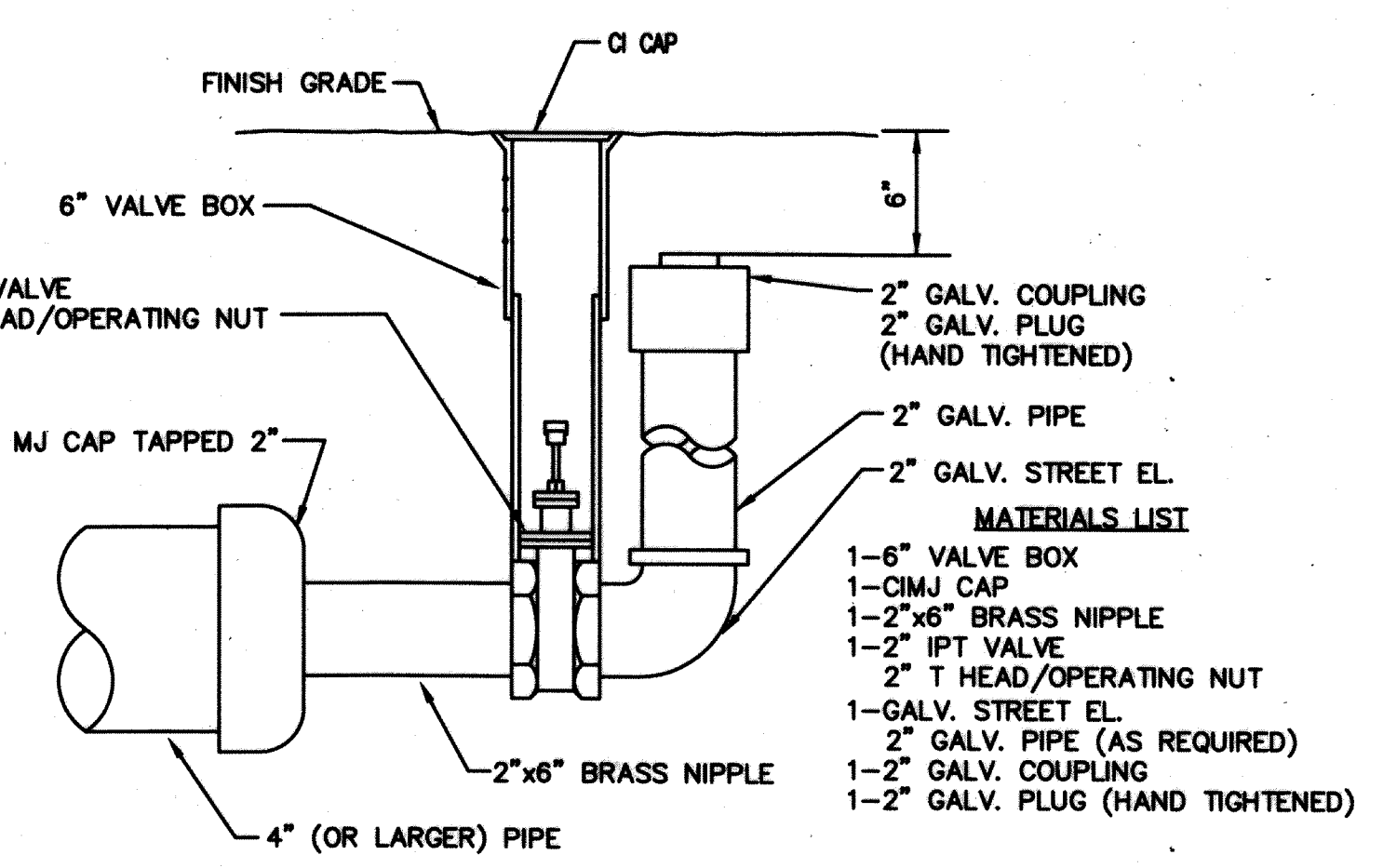
VALVE STEM EXTENSION DETAIL

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



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)



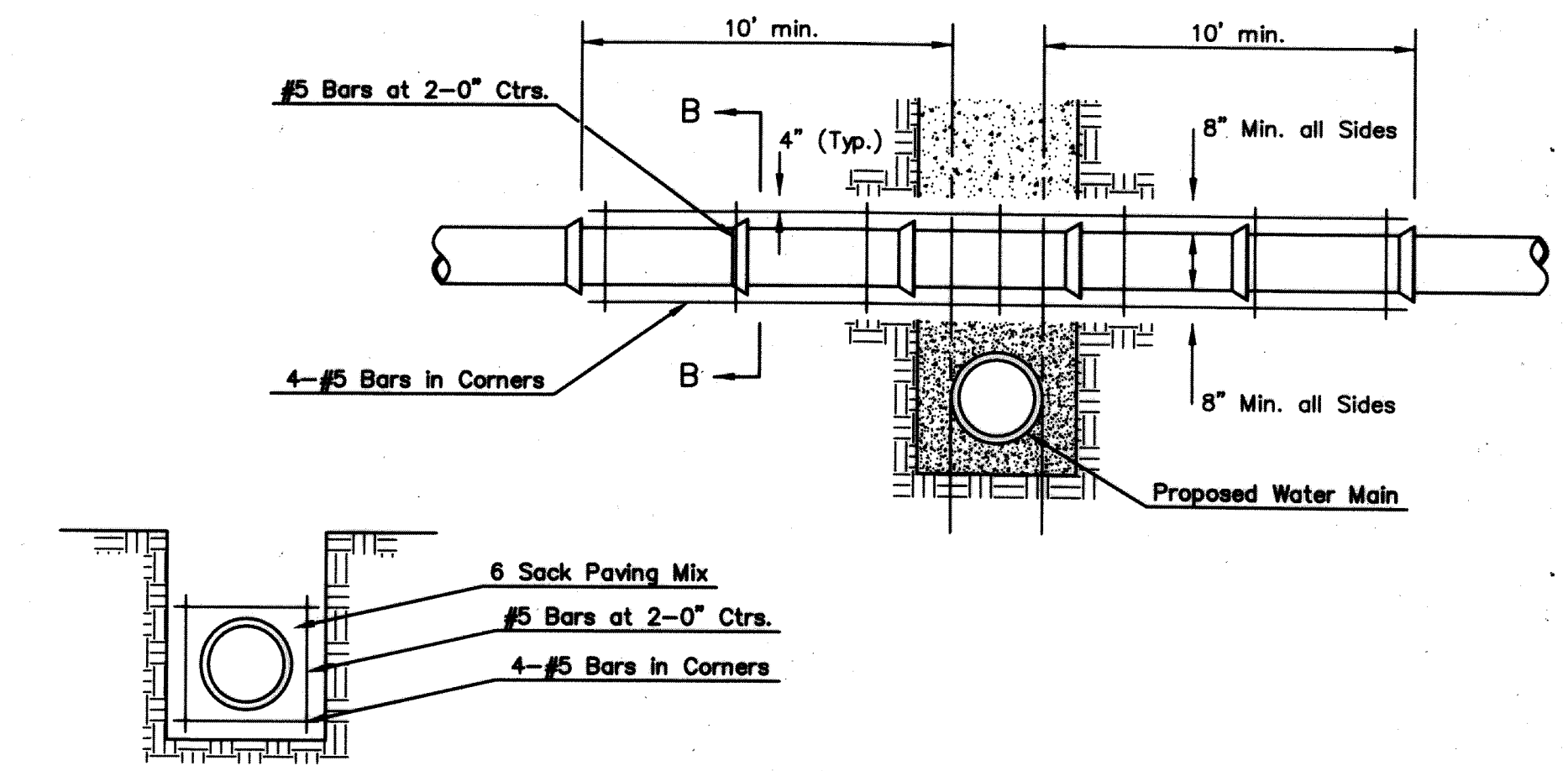
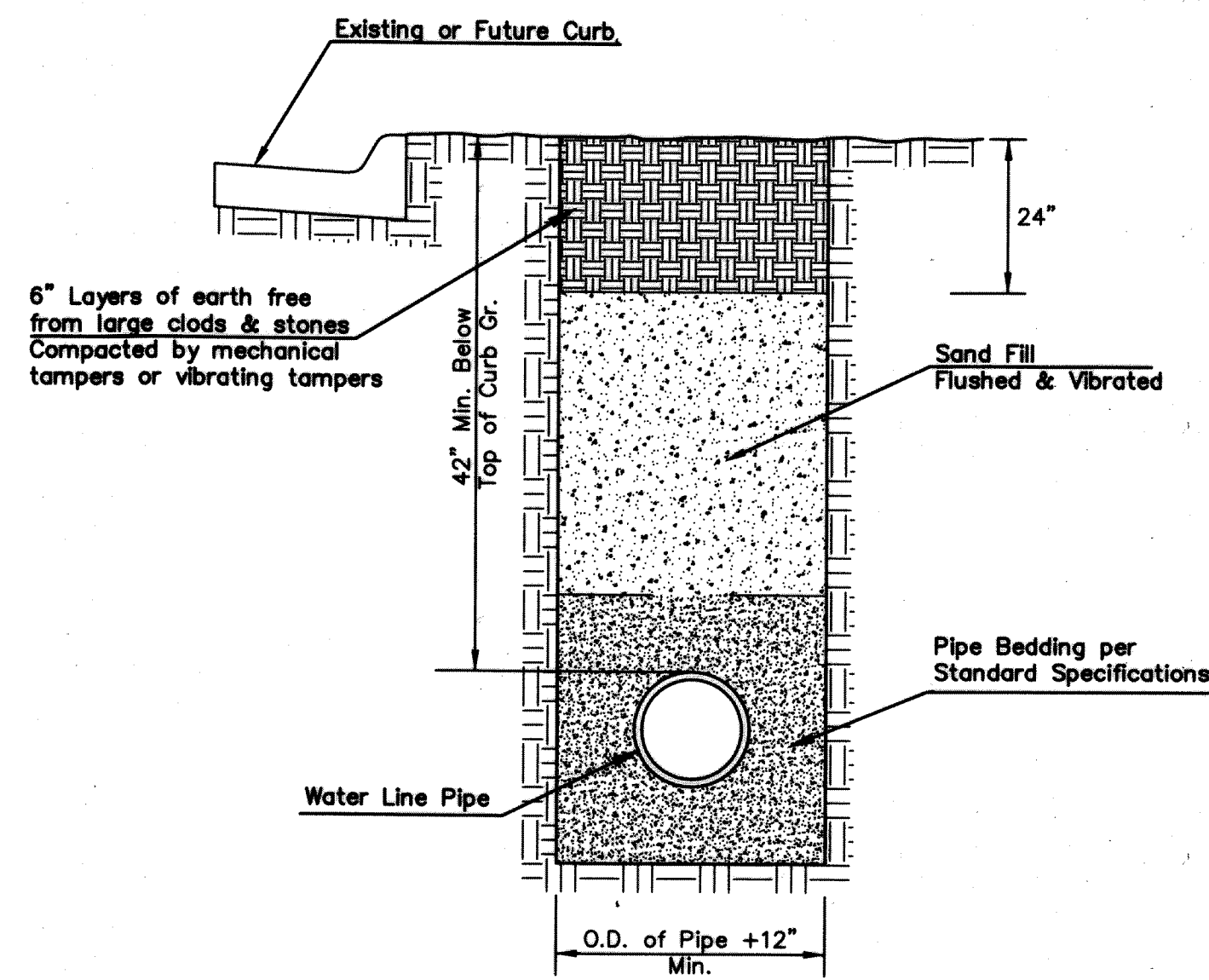
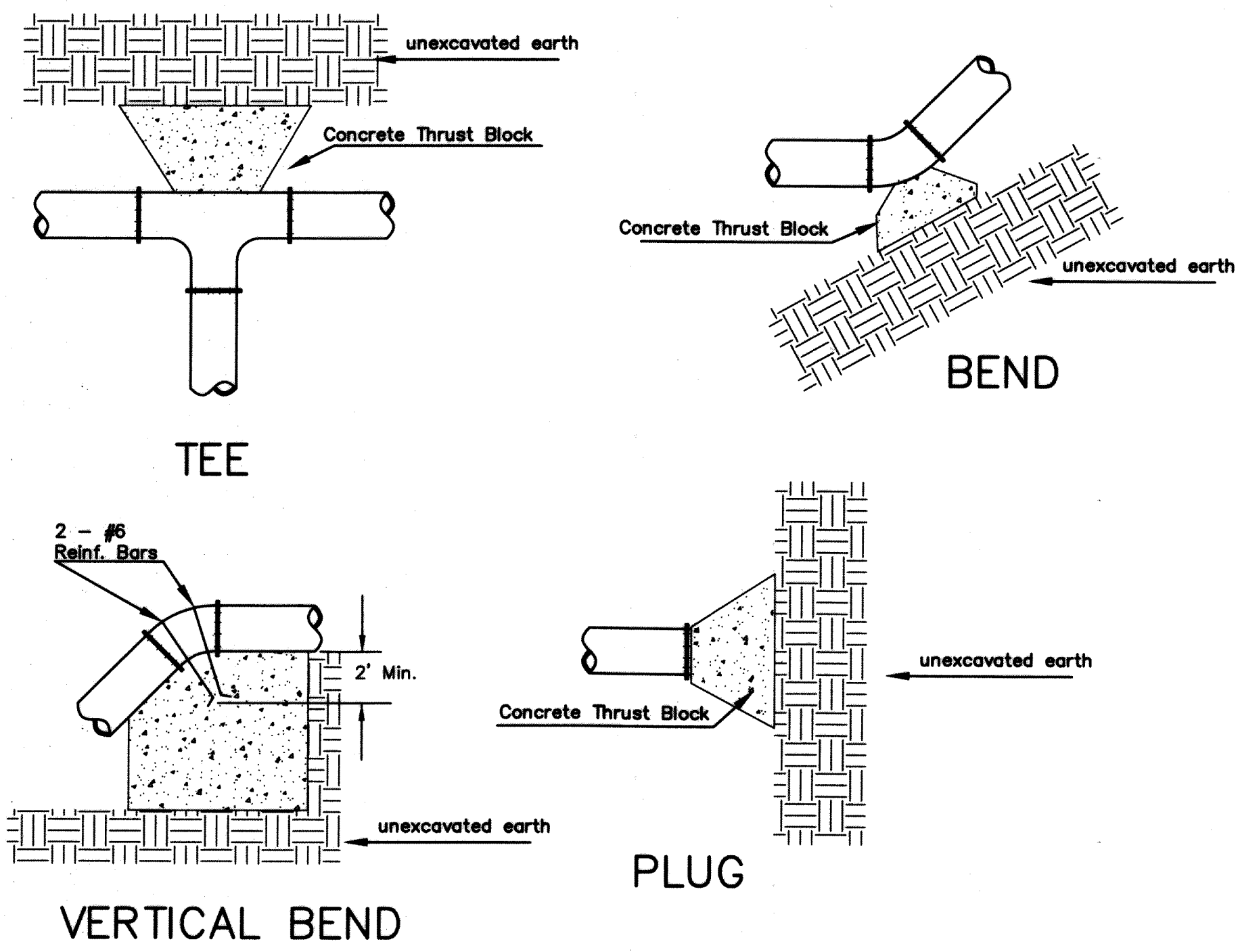
2" BLOWOFF ASSEMBLY

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

STANDARD WATER ASSEMBLY DETAIL

CITY ENGINEER
Gary Janzen, P.E. City Engineer

PROJECT NUMBER PPW (607853)	OCA NUMBER	DATE 04/13
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		DESIGN DRAWN
SHEET 2 of 7		



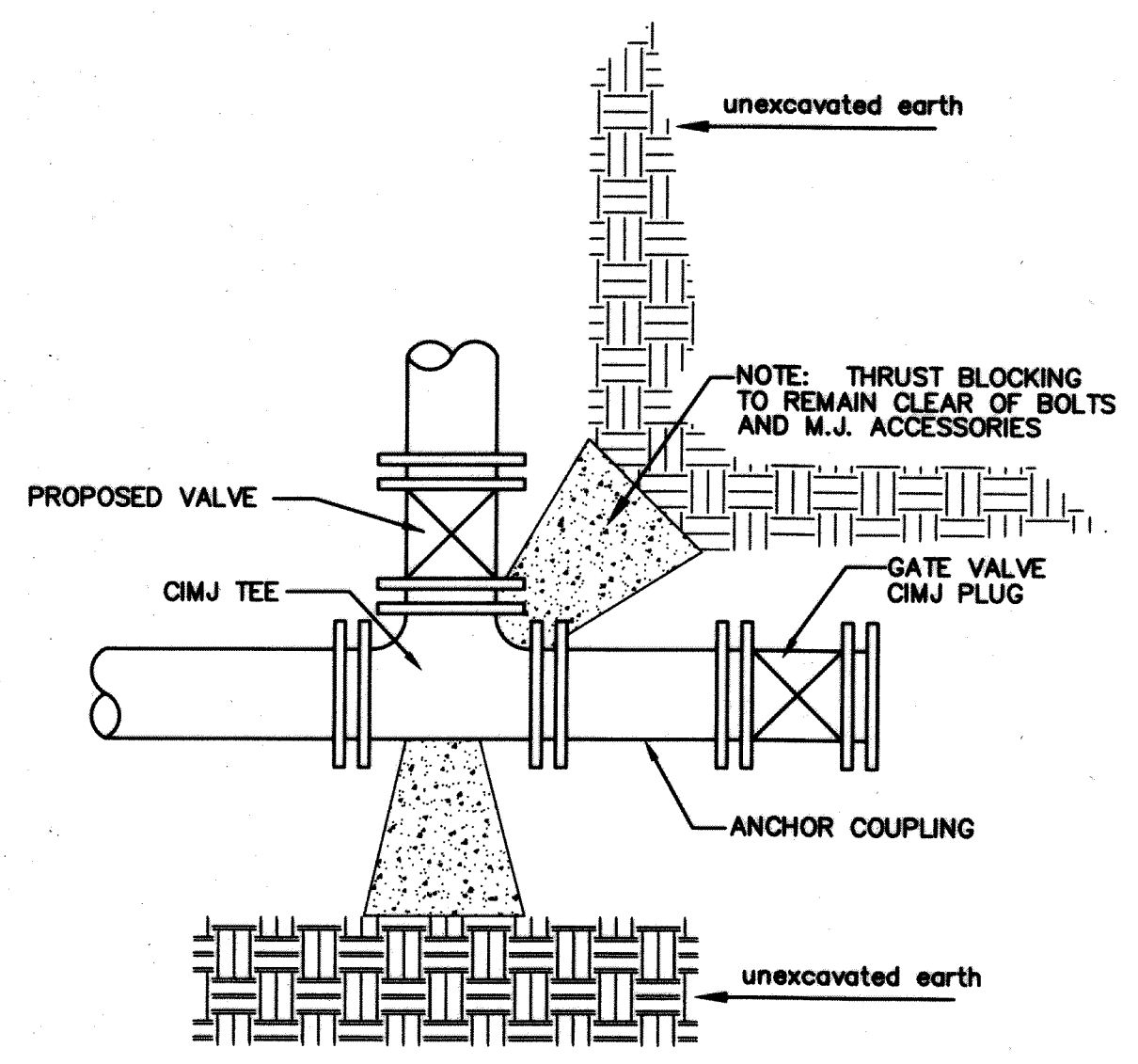
Note: Encasement to begin and end at a Bell on Sanitary Sewer Pipe.

REINFORCED CONCRETE ENCASUREMENT OF SANITARY SEWER

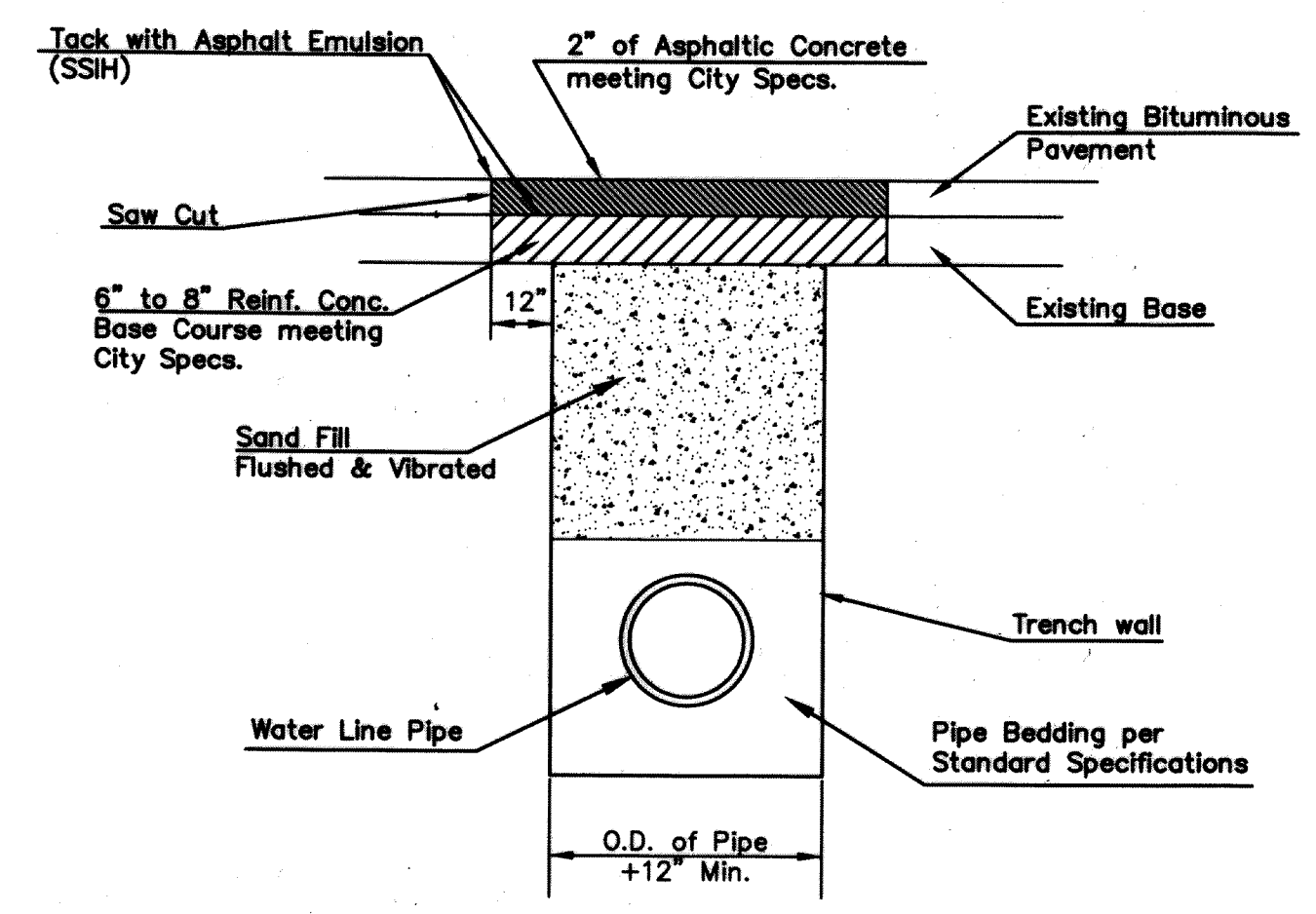
PIPE SIZE	THRUST AT FITTINGS IN TONS-AT 150#/IN ² P					
	PLUG	90°	45°	22 1/2°	11 1/4°	TEE
6"	2.8	3.95	2.15	1.09	.55	2.8
8"	4.9	6.95	3.75	1.90	.96	4.9
12"	11.4	16.1	8.75	4.45	2.25	11.4
16"	20.15	28.5	15.4	7.85	3.95	20.15
20"	31.15	44.0	23.85	12.15	6.10	31.15
24"	44.55	63.0	34.1	17.4	8.75	44.55

TYPICAL THRUST BLOCKS

TRENCH COMPACTION IN ROAD RIGHT-OF-WAY

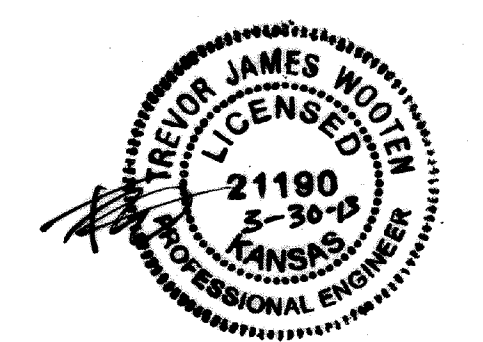


KEY BLOCK DETAIL



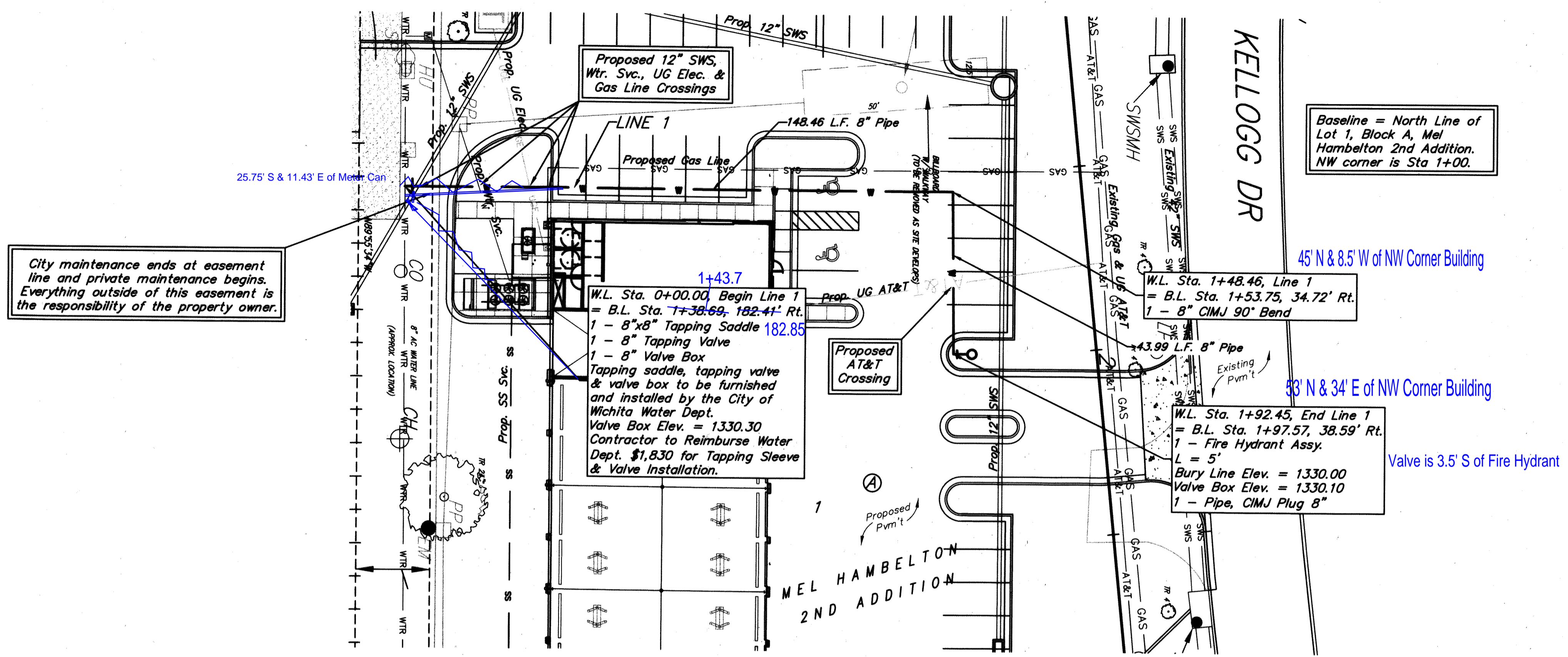
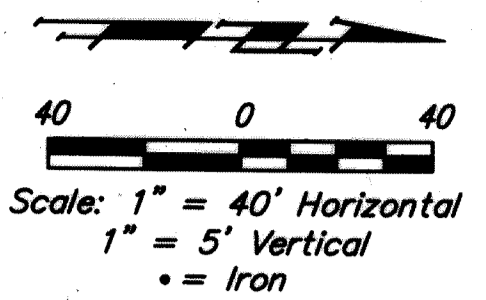
PAVEMENT REPLACEMENT & TRENCH COMPACTION UNDER EXISTING AND PROPOSED CITY ROADS

* UNLESS OTHERWISE NOTED ON PLANS

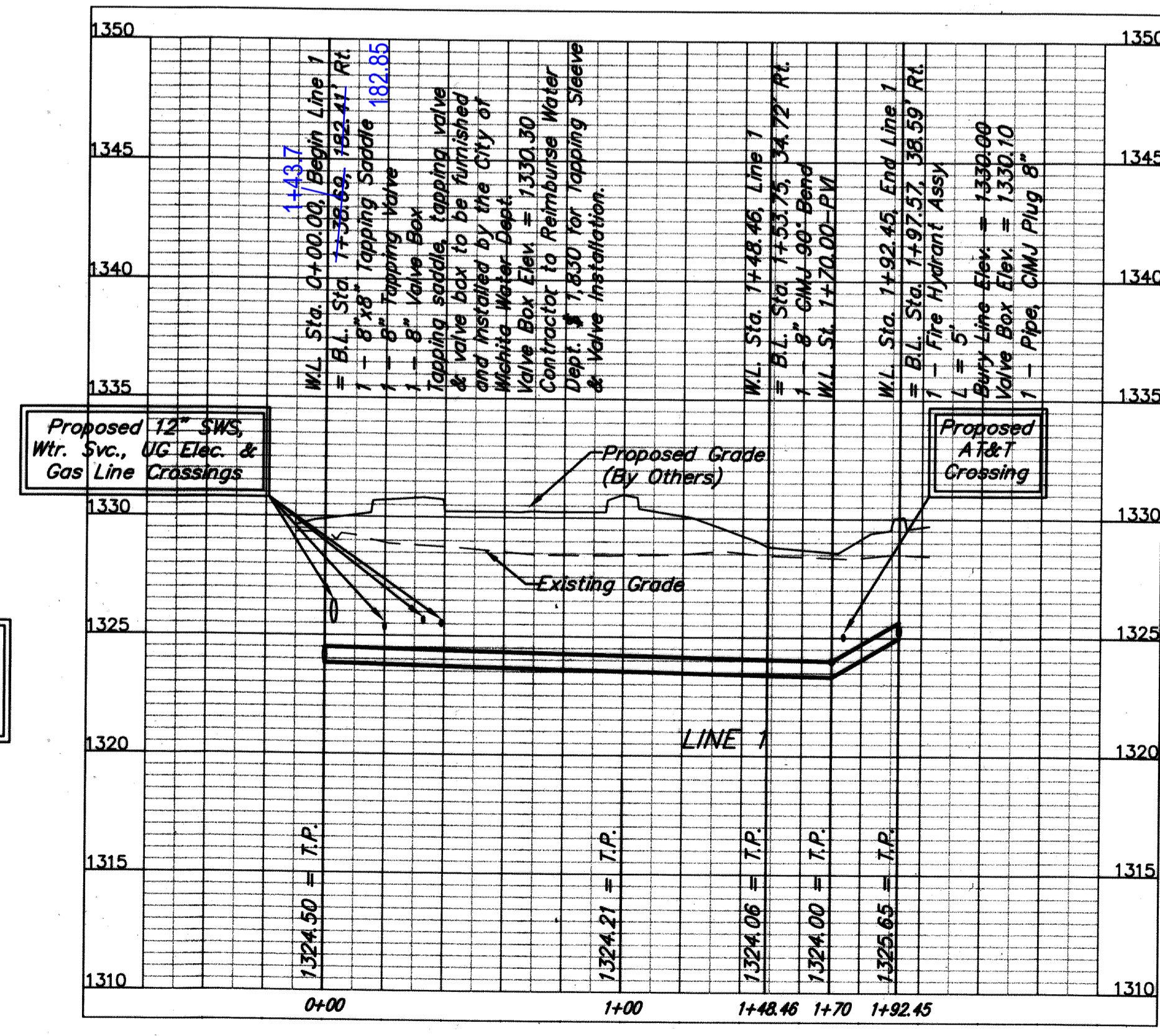


<p>CITY OF WICHITA PUBLIC WORKS & UTILITIES ENGINEERING DIVISION</p>	<p>MISCELLANEOUS WATER DETAILS</p> <p>CITY ENGINEER Gary Janzen, P.E. City Engineer</p>		
	PROJECT NUMBER	OCA NUMBER	DATE
	PPW (607853)		01/13
	<p>CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501</p>		
	DESIGN	DRAWN	SHEET
		3 of 7	

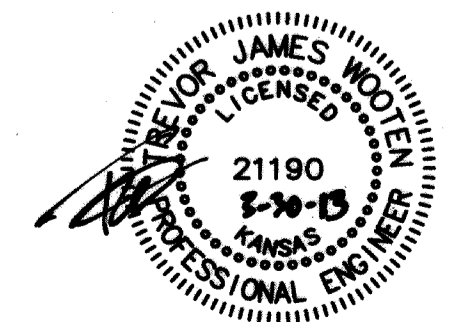
BENCHMARKS:
 BM#1: City of Wichita Benchmark Disc on west end of RCBC Headwall, 17.7' N. & 35.9' W. of the NW corner of Lot 1, Block A, Mel Hambleton 2nd Addition. Elev. = 1328.33 NAVD88
 BM#2: Railroad Spike in Power Pole, 38.8' W. & 1.0' S. of the first deflection corner south of the NE corner of Lot 1, Block A, Mel Hambleton 2nd Addition. Elev. = 1330.80 NAVD88



City maintenance ends at easement line and private maintenance begins. Everything outside of this easement is the responsibility of the property owner.

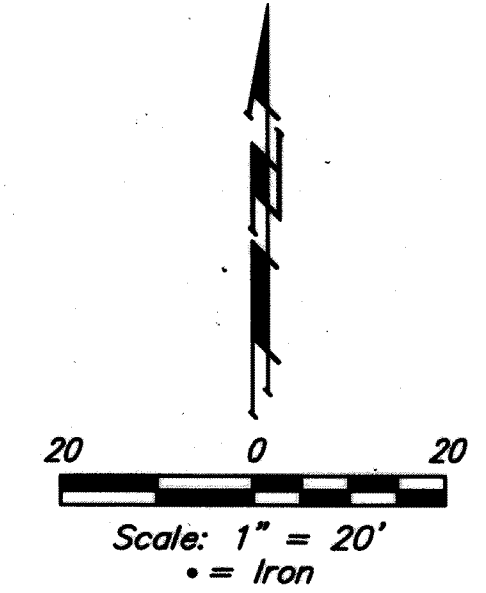


DEPTH UNKNOWN
 Contractor to Verify
 Depth & Location of
 Existing Water Line
 Prior to Construction.



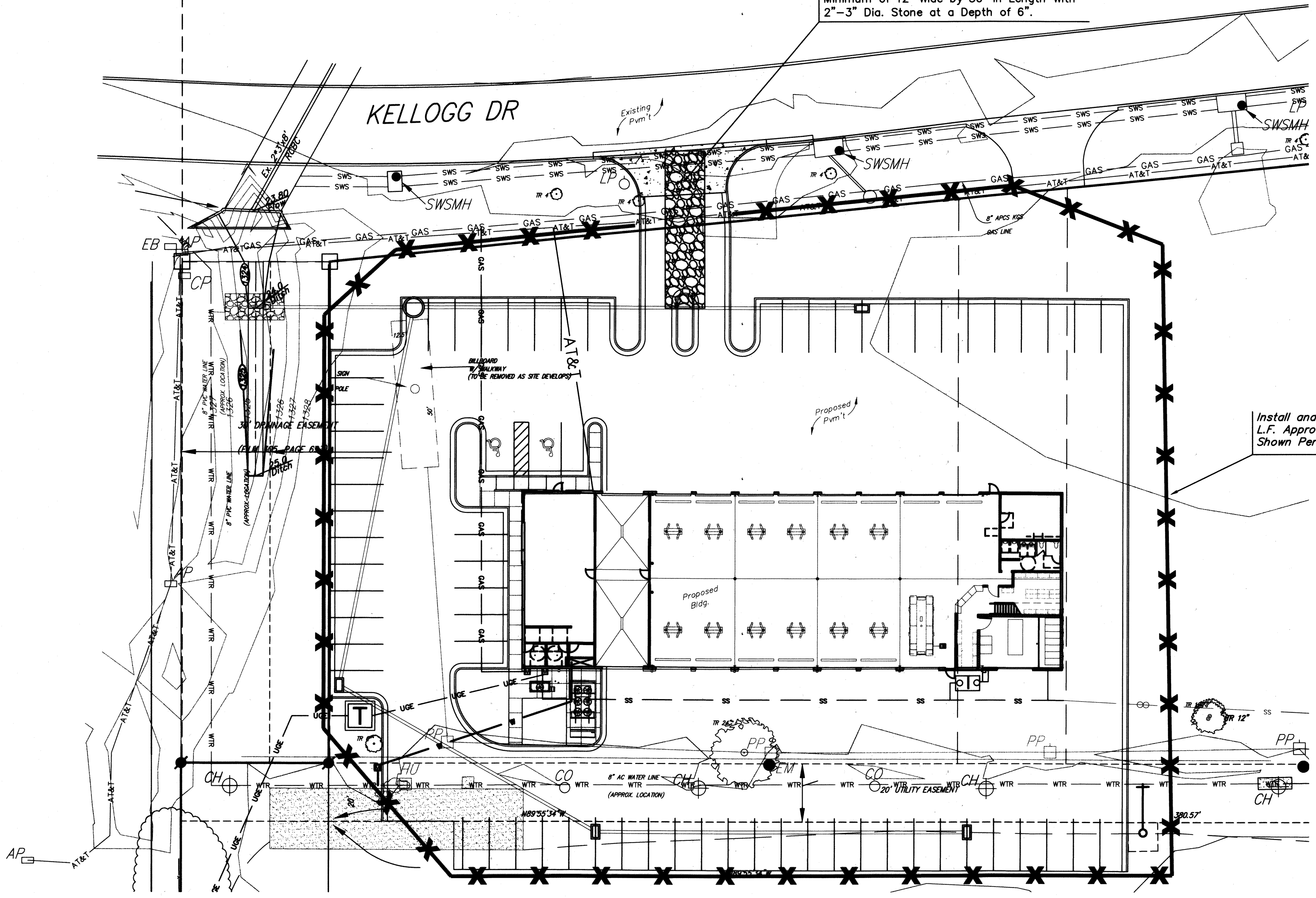
Baughman		MEL HAMBELTON 2ND ADDITION	
LINE 1		WATER DISTRIBUTION SYSTEM	
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE			
PROJECT NUMBER	DESIGN	TJW	DRAWN
	APPROVED	TMS	TMS
REVISIONS:		DATE	04/13
	SCALE	Noted	
	SHEET		4 OF 7

CONSTRUCTION ENTRANCE INFORMATION:
 Contractor Shall Construct and Maintain Approved Entrance as Discussed in the Storm Water Pollution Prevention Plan Guidelines, and Detail, Sheet 6. Entrance Shall be a Minimum of 12' Wide by 50' in Length With 2"-3" Dia. Stone at a Depth of 6".



EROSION CONTROL PLAN LEGEND
(Installation Details Found in the SWP2 Plan)

- DROP INLET PROTECTION
- CURB INLET PROTECTION
- DITCH CHECKS
- SILT FENCING
- CUT-OFF TRENCH
- BACK OF CURB PROTECTION
- EROSION CONTROL MAT
- TEMPORARY DITCH
NO SCALE

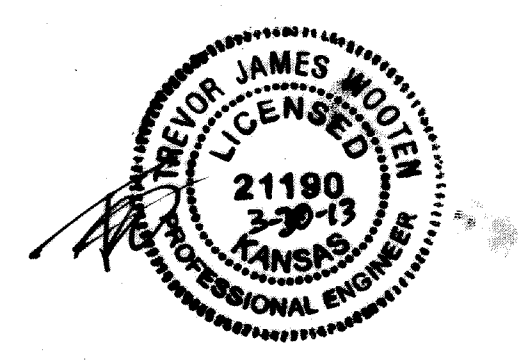


Install and Maintain 930 L.F. Approved Silt Fence as Shown Per Detail, Sheet 6.

EROSION CONTROL MEASURE	INSTALL	MAINTAIN	REMOVE
BACK OF CURB PROTECTION (LF)	1	0	0
CONSTRUCTION ENTRANCE (EA)	0	0	0
CURB INLET BARRIER (EA)	0	0	0
DITCH CHECK (EA)	0	0	0
DROP INLET PROTECTION (EA)	0	0	0
EROSION CONTROL (LS)	0	0	0
EROSION CONTROL BERM (LF)	0	0	0
SILT FENCE (LF)	930	0	0
EROSION CONTROL MAT (SY)	0	0	0

QUANTITIES ARE FOR INFORMATION ONLY! CONTRACTOR SHALL VERIFY QUANTITIES PER FINAL BID QUANTITY SHEET.

* ALL EXISTING BMPs INCLUDING CONSTRUCTION ENTRANCE, SEDIMENT BARRIERS, SILT FENCE, CUT-OFF TRENCH, AND EROSION CONTROL MAT SHALL BE MAINTAINED AND REPAIRED IF NECESSARY. REPLACEMENT OR REMOVAL OF EROSION CONTROL MEASURES TO BE PAID FOR BY L.S. BID ITEM "MAINTAIN EXISTING EROSION CONTROL BMPs"



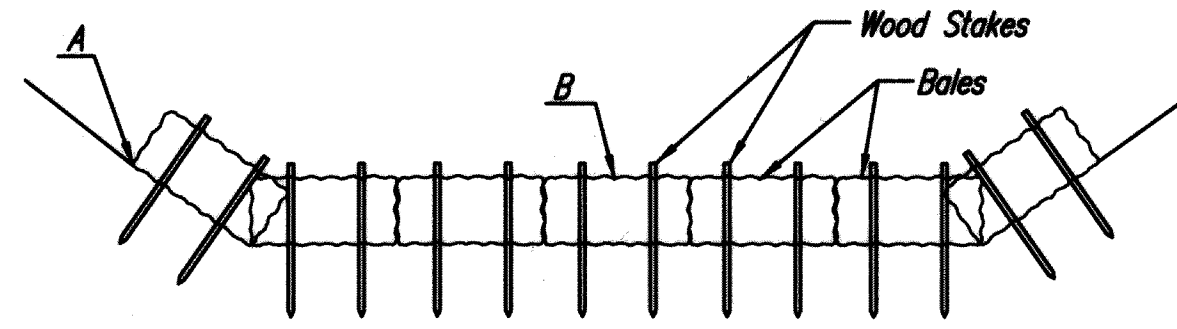
Baughman MEL HAMBELTON 2ND ADDITION
EROSION CONTROL PLAN
 WATER DISTRIBUTION SYSTEM

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
	TJW	TMS
REVISIONS:	APPROVED	DATE
		01/13
	SCALE	
	Noted	
	SHEET	
		5 OF 7

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NOTE: Point A must be higher than Point B so that water flows over the bales and not around them.



STRAW BALE DITCH CHECKS

Material Specification:

Bale ditch checks may be constructed of wheat straw, oat straw, prairie hay, or bromegrass hay that is free of weeds declared noxious by the Kansas State Board of Agriculture. The stakes used to anchor the bales should be a hardwood material with the following minimum dimensions: 2" square (nominal) by 4' long.
 Optional: The downstream scour apron should be constructed of a double-netted straw erosion-control blanket at least 6' wide.
 Optional: The metal landscape staples used to anchor the erosion-control blanket should be at least 8" long.

Placement:

Bale ditch checks should be placed perpendicular to the flowline of the ditch. The ditch check should extend far enough so that the ground level at the ends of the check is higher than the top of the lowest center bale. This prevents water from flowing around the check.
 Straw bale ditch checks should not be placed in ditches where high flows are expected. Rock checks should be used instead.
 Bales should be placed in ditches with slopes of 6% or less. For slopes steeper than 6%, rock checks should be used.
 The following table provides check spacing for a given ditch grade:

Ditch grade (%)	Check Spacing (feet)
0.5	200
1.0	200
2.0	100
3.0	65
4.0	50
5.0	40
6.0	30

Proper installation method:

Excavate a trench perpendicular to the ditch flowline that is 4" deep and a bale's width wide. Extend the trench in a straight line along the entire length of the proposed ditch check. Place the soil on the upstream side of the trench—it will be used later.
 Optional: On the downstream side of the trench, roll out a length of erosion-control blanket (scour apron) equal to the length of the trench. Place the upstream edge of the erosion-control blanket along the bottom upstream edge of the trench. The erosion control blanket should be anchored in the trench with one row of 8" landscape staples placed on 18" centers. The remainder of the erosion-control blanket (the portion that is not lying in the trench) will serve as the downstream scour apron. This section of the blanket should be anchored to the ground with 8" landscape staples placed around the perimeter of the blanket on 18" centers. The remainder of the blanket should be anchored using two evenly spaced rows of 8" landscape staples on 18" centers placed perpendicular to the flowline of the ditch.
 Place the bales in the trench, making sure that they are butted tightly. Two stakes should be driven through each bale along the centerline of the ditch check, approximately 6" to 8" in from the bale ends. Stakes should be driven at least 12" into the ground.
 Once all the bales have been installed and anchored, place the excavated soil against the upstream side of the check and compact it. The compacted soil should be no more than 3" to 4" deep and extend upstream no more than 24".

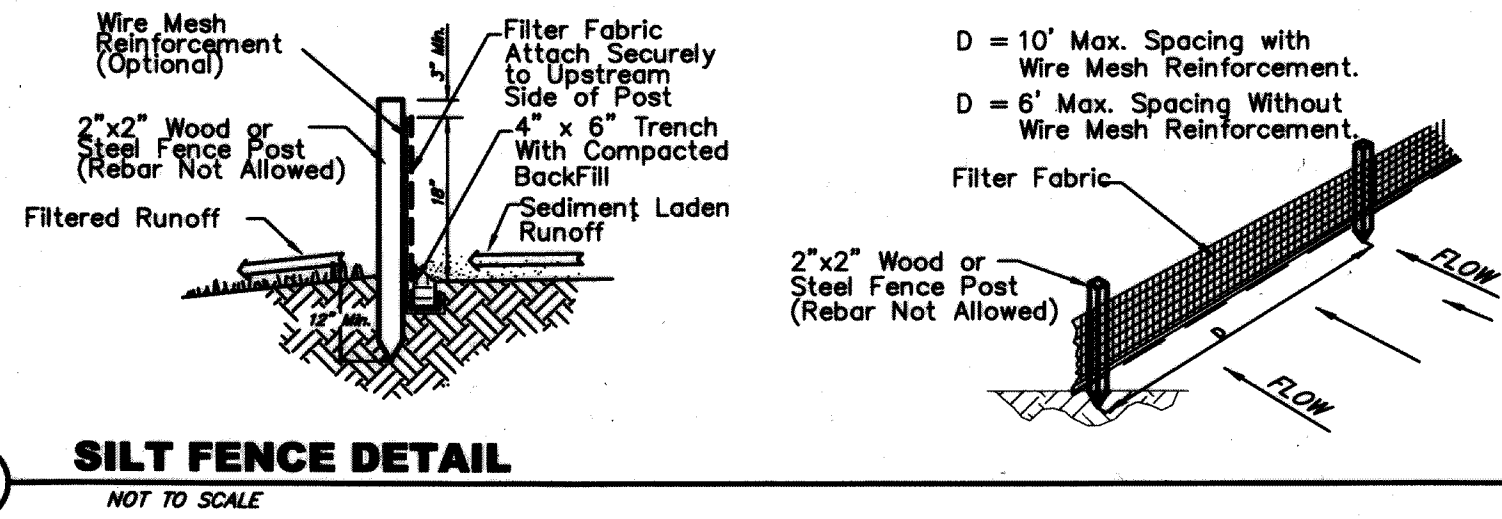
List of common placement/installation mistakes to avoid:

- Do not place a bale ditch check directly in front of a culvert outlet. It will not stand up to the concentrated flow.
- Do not place bale ditch checks in ditches that will likely experience high flows. They will not stand up to concentrated flow.
- Follow prescribed ditch-check spacing guidelines. If spacing guidelines are exceeded, erosion will occur between the ditch checks.
- Do not allow water to flow around the ditch check. Make sure that the ditch check is long enough so that the ground level at the ends of the check is higher than the top of the lowest center bale.
- Do not place bale ditch checks in channels with shallow soils underlain by rock. If the check is not anchored sufficiently, it will wash out.
- Bale ditch checks must be dug into the ground. Bales at ground level do not work because they allow water to flow under the check.

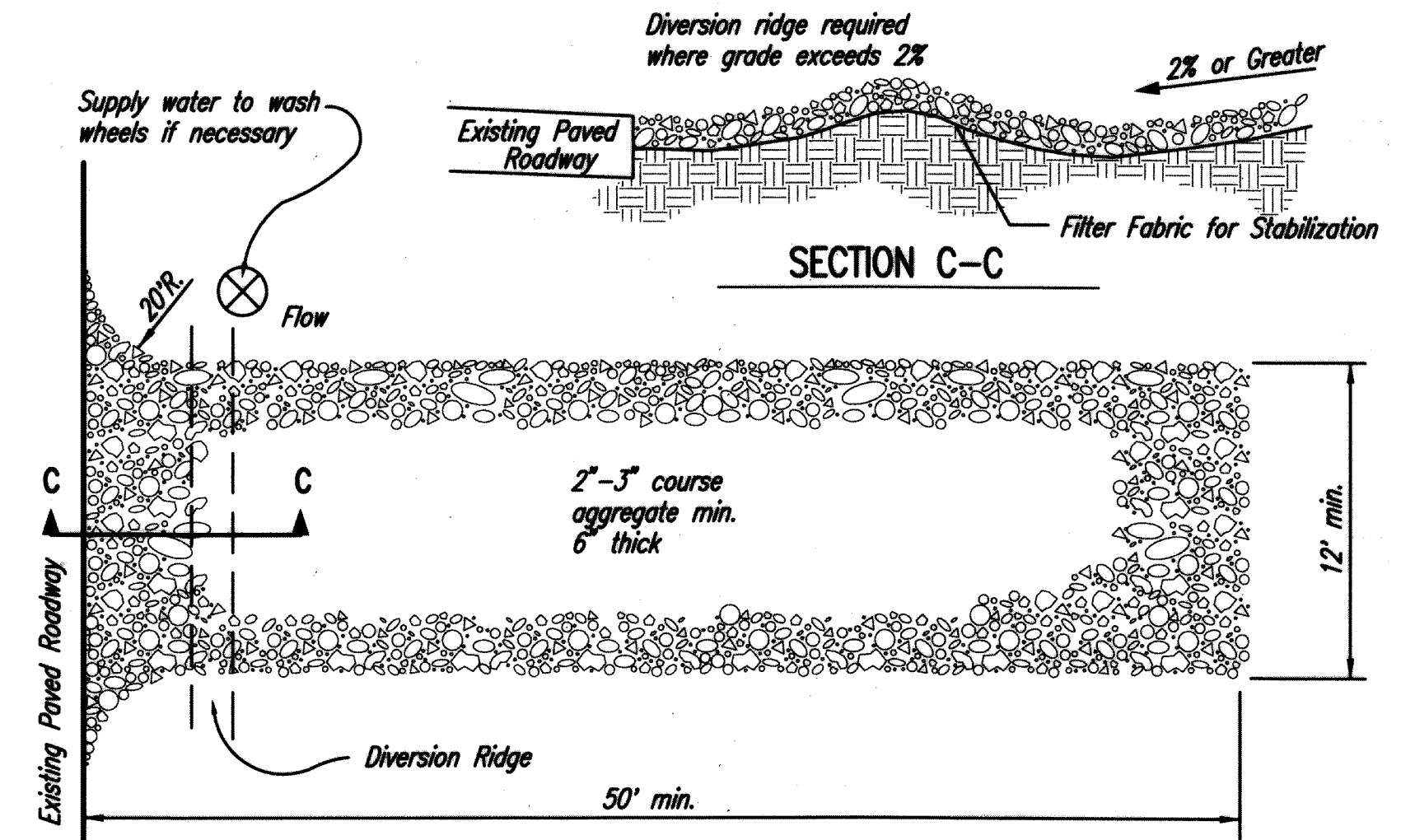
Inspection and Maintenance:

Bale ditch checks should be inspected every 7 days and within 24 hours of a rainfall of 1/2" or more. The following is a list of questions that should be addressed during each inspection:

- Does water flow around the ditch check?
- Does water flow under the ditch check?
- Does water flow through spaces between abutting bales?
- Are any bales and/or scour aprons (optional) dislodged?
- Are bales decomposing due to age and/or water damage?
- Does sediment need to be removed from behind the ditch check?



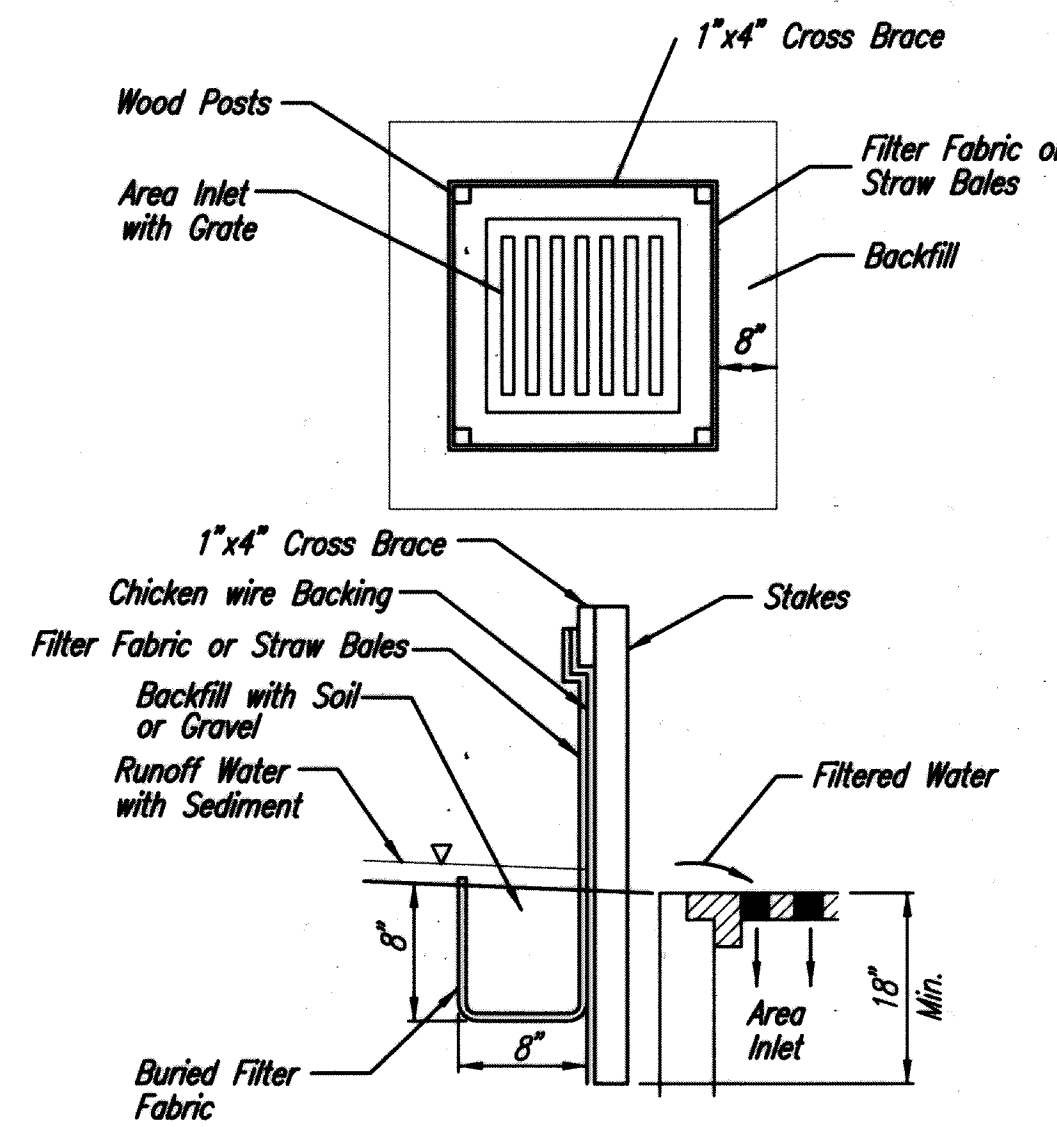
1 SILT FENCE DETAIL
NOT TO SCALE



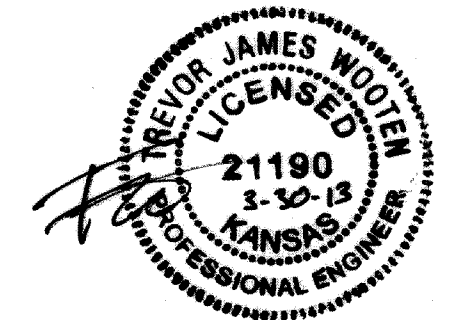
NOTES:

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN, AS SHOWN ABOVE.
- DRIVE ENTRANCES ONTO RESIDENTIAL LOTS WILL NOT BE REQUIRED TO HAVE THE SEDIMENT BARRIER SHOWN, BUT WHEEL WASHING MAY BE REQUIRED IF STABILIZED ENTRANCE IS NOT SUFFICIENT TO KEEP MUD FROM BEING TRACKED ONTO ADJACENT STREET. ENTRANCE SHALL EXTEND FROM BACK OF CURB TO DWELLING.

3 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



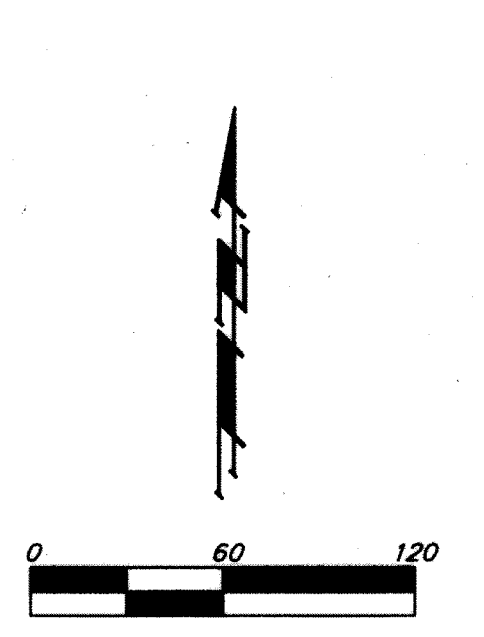
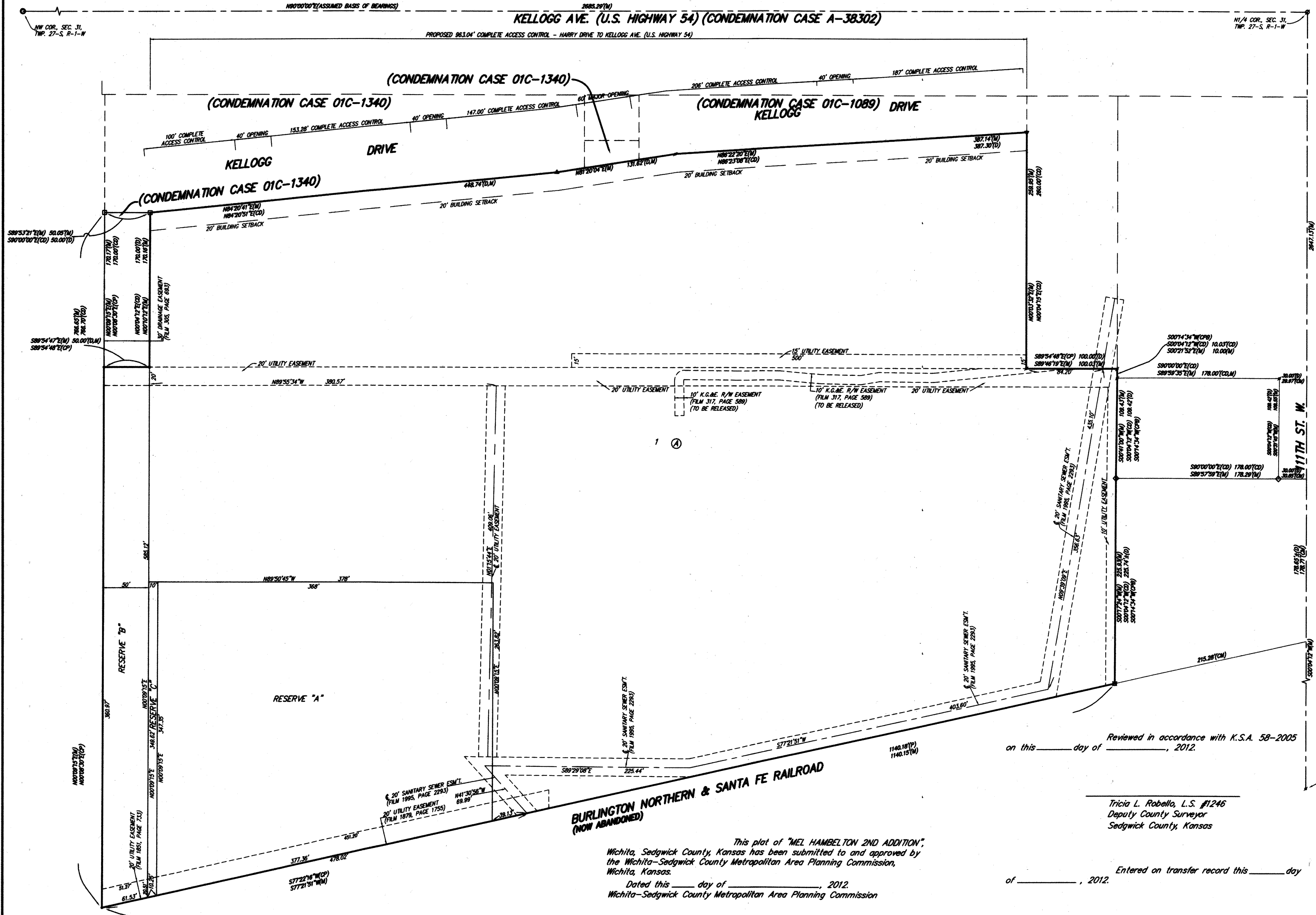
2 INLET PROTECTION FOR AREA INLETS
(INLET PROTECTION: SILT FENCE OR STRAW BALES)



<p>CITY OF WICHITA PUBLIC WORKS & UTILITIES ENGINEERING DIVISION</p>	<p>SILT FENCE, AREA INLET PROTECTION AND CONSTRUCTION ENTRANCE</p>		
	<p>INTERIM CITY ENGINEER Gary Janzen, P.E. City Engineer</p>		
	PROJECT NUMBER	OCA NUMBER	DATE
			01/13
<p>CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501</p>		<p>DESIGN</p>	
		<p>SHEET 6 of 7</p>	

MEL HAMBELTON 2ND ADDITION

WICHITA, SEDGWICK COUNTY, KANSAS



- = #4 REBAR W/ 'BAUGHMAN' CAP (FOUND)
- = #1 IRON PIPE (FOUND)
- = #2 REBAR IN THIMBLE (FOUND)
- = 3/4" IRON PIPE W/ 'PEC' CAP (FOUND)
- ⊙ = ALUMINUM CAP IN THIMBLE (FOUND)
- ▽ = #4 REBAR (FOUND)
- = #4 REBAR W/ 'BAUGHMAN' CAP SET OVER FOUND 1/2" IRON PIPE 30" DEEP
- △ = 3/4" IRON PIPE (FOUND)

- (M) = MEASURED
- (P) = PLATTED
- (D) = DESCRIBED
- (CM) = CALCULATED PER MEASURED INFO.
- (CP) = CALCULATED PER PLATTED INFO.
- (CD) = CALCULATED PER DESCRIBED INFO.
- (CFD) = CALCULATED PER PLAT OF BLASI PARK ADDITION

MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENING TO THE STRUCTURES		
LOT	BLOCK	ELEVATION
1	A	1330.0

BENCHMARK:
 City of Wichita Benchmark Disc on west end of 1022' Hookwell, 12.7' N. & 35.9' W. of the NW corner of Lot 1, Block A, Mel Hamblenton 2nd Addition. Elev. = 1328.33 NAVD83
 Railroad Spike in Power Pole, 38.8' W. & 1.0' S. of the first deflection corner south of the NE corner of Lot 1, Block A, Mel Hamblenton 2nd Addition. Elev. = 1330.00 NAVD83

State of Kansas) SS
 Sedgwick County) We, Baughman Company, P.A., Surveyors in aforesaid county and state do hereby certify that we have surveyed and platted "MEL HAMBELTON 2ND ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as Beginning at a point on the south right-of-way line of U.S. Highway 54 as condemned in Case No. A-38302, said point being 794.5 feet west of the east line of the Northwest Quarter of Section 31, Township 27 South, Range 1 West of the Sixth Principal Meridian, Sedgwick County, Kansas; thence south parallel to the east line of said Northwest Quarter, 300 feet; thence west parallel to the south right-of-way line of said Highway, 526.5 feet; thence north parallel to the east line of said Northwest Quarter, 300 feet to the south right-of-way line of said Highway, thence east, 526.5 feet to the point of beginning, except that part taken for Highway in Condemnation Case No. 01C1340, TOGETHER with that part of said Northwest Quarter described as follows: Beginning at a point on the south right-of-way line of U.S. Highway 54 as condemned in Case No. A-38302, said point being 208 feet west of the east line of the Northwest Quarter of Section 31, Township 27 South, Range 1 West of the Sixth Principal Meridian, Sedgwick County, Kansas; thence south parallel to the east line of said Northwest Quarter, 300 feet; thence north, 300 feet to said south right-of-way line; thence east, 526.5 feet to the point of beginning, except the east 100 feet thereof, and except that part taken for Highway in Case No. 01C1089, and TOGETHER with Lot 1, Block A, Blasi Park, Sedgwick County, Kansas, except that part taken for highway described as commencing at a point on the south right-of-way line of U.S. Highway 54 as condemned in Case No. A-38302, said point being 794.5 feet west of the east line of the Northwest Quarter of Section 31, Township 27 South, Range 1 West of the Sixth Principal Meridian, Sedgwick County, Kansas; thence south parallel with the east line of said Northwest Quarter, a distance of 50 feet to the point of beginning; thence south parallel with the east line of said Northwest Quarter, a distance of 65 feet; thence east parallel with the south right-of-way line of said Highway, a distance of 60 feet; thence north parallel with the east line of said Northwest Quarter, a distance of 65 feet to a point on the south right-of-way line of said Highway; thence west along the south right-of-way line of said Highway, a distance of 60 feet to the point of beginning.

Existing public easements and dedications being vacated by virtue of K.S.A. 12-512(b).
 Baughman Company, P.A.

Michael G. Conroy, Surveyor

Know all men by these presents that we, the undersigned, have caused the land in the surveyors certificate to be platted into Lots, Blocks, and Streets, to be known as "ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The drainage and utility easements are hereby granted as indicated for drainage purposes and for the construction and maintenance of all public utilities. The drainage easements are hereby granted as indicated for drainage purposes. The streets are hereby dedicated to and for the use of the public. Reserve "A" is hereby reserved for open space, lakes, berms, landscaping, drainage purposes, and utilities as confined to easements. Reserves "B" and "C" are hereby reserved for open space, landscaping, private drives, public access purposes including drainage maintenance equipment, drainage purposes, and utilities as confined to easements. Private drives and public access purposes shall be restricted to the east 20.00 feet of said Reserve "B" provided, however, that one public access crossing shall be allowed over the west 30.00 feet of said Reserve "B". Drainage structures shall be allowed within said Reserves "A" and "B" provided, however, that no drainage structure within said Reserve "A" or within the east 20.00 feet of said Reserve "B" shall restrict or deny any access purposes. Any open drainage channels in said Reserve "B" shall be restricted to the west 30.00 feet of said Reserve "B". Access controls shall be as depicted on the face of the plat and are hereby granted to the City of Wichita, Kansas. Reserves "A", "B" and "C" shall be owned by the owner of Lot 1, Block A. Reserves "A" and "C" shall be maintained by the owner of Lot 1, Block A. Reserve "B" shall be maintained by the owner of Lot 1, Block A and the City of Wichita, Kansas. The permitted opening locations shall be as determined by the City Engineer of the City of Wichita, Kansas. The Minimum Building Pad Elevations for the lowest opening to the structures shall be as indicated on the face of the plat.

Out of the Box Investments, LLC
 Lisa A. Hamblenton, Member

State of Kansas) SS
 Sedgwick County) The foregoing instrument acknowledged before me, this _____ day of _____, 2012, by Lisa A. Hamblenton, Member of Out of the Box, on behalf of the limited liability company.
 _____ Notary Public

My App't. Exp. _____

This plat of "MEL HAMBELTON 2ND ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.
 Dated this _____ day of _____, 2012.
 Wichita-Sedgwick County Metropolitan Area Planning Commission

Shawn Farney, Chair
 John L. Schlegel, Secretary

We the undersigned holders of a mortgage on the above described property, do hereby consent to this plat of "MEL HAMBELTON 2ND ADDITION", Wichita, Sedgwick County, Kansas.
 Fidelity Bank
 _____ (Title)

State of Kansas) SS
 Sedgwick County) The foregoing instrument acknowledged before me, this _____ day of _____, 2012, by _____ of Fidelity Bank, on behalf of the bank.
 _____ (Title)

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this _____ day of _____, 2012.

Reviewed in accordance with K.S.A. 58-2005 on this _____ day of _____, 2012.

Tricia L. Robello, L.S. #1246
 Deputy County Surveyor
 Sedgwick County, Kansas

Entered on transfer record this _____ day of _____, 2012.

Kelly B. Arnold, County Clerk

State of Kansas) SS
 Sedgwick County) This is to certify that this plat has been filed for record in the office of the Register of Deeds, this _____ day of _____, 2012 at _____ o'clock _____ M.; and is duly recorded.

Bill Meek, Register of Deeds

MEL HAMBELTON