

FIRE LINE & FIRE HYDRANT TO SERVE Pleasant Valley Elementary School

2000 West 29th Street North

**City of Wichita Private Project Number:
1672 PPW (607853)**

July 2012

AS BUILT PLANS
Contractor: McCullough Excavating
Inspector: Don Eddingfield, Baughman Co.
pdf's by: KEK, 6/14/13

Legal Description

Part of Lot 1, Pleasant Valley School Addition, Part of Lot 16, Russell Tracts, Sedgwick County, Kansas.

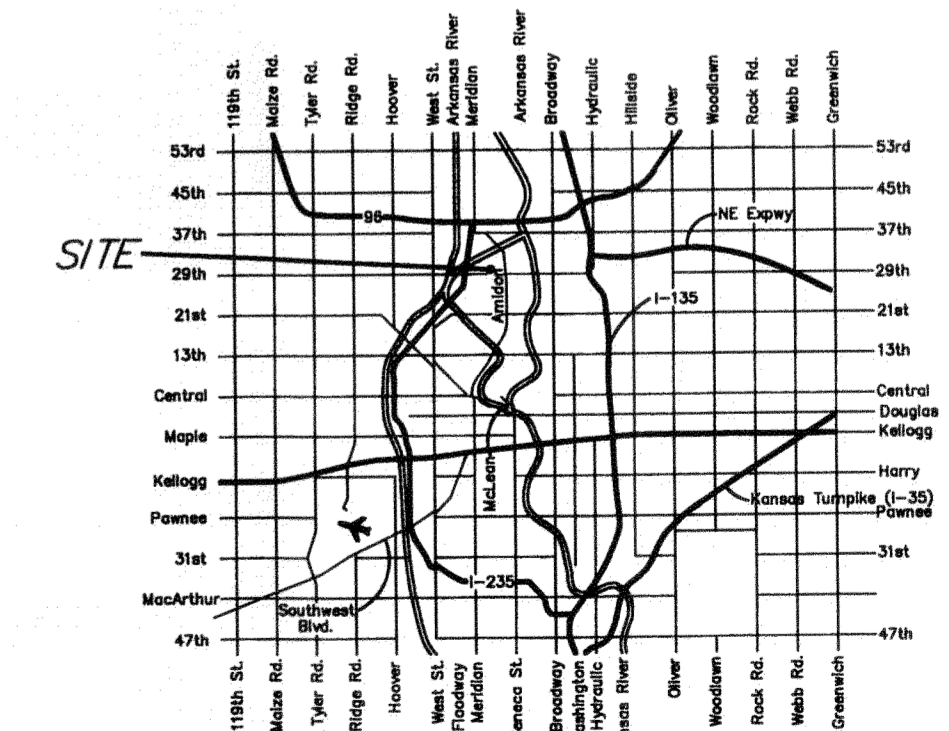
Clow Valve & Hydrant

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Copy of Plat	4
BMP Erosion Details	Available On Request

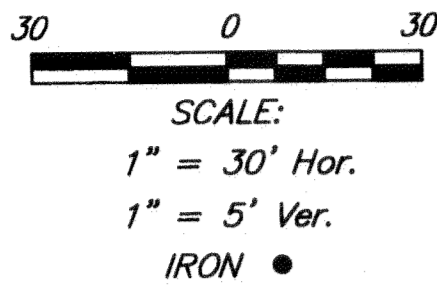
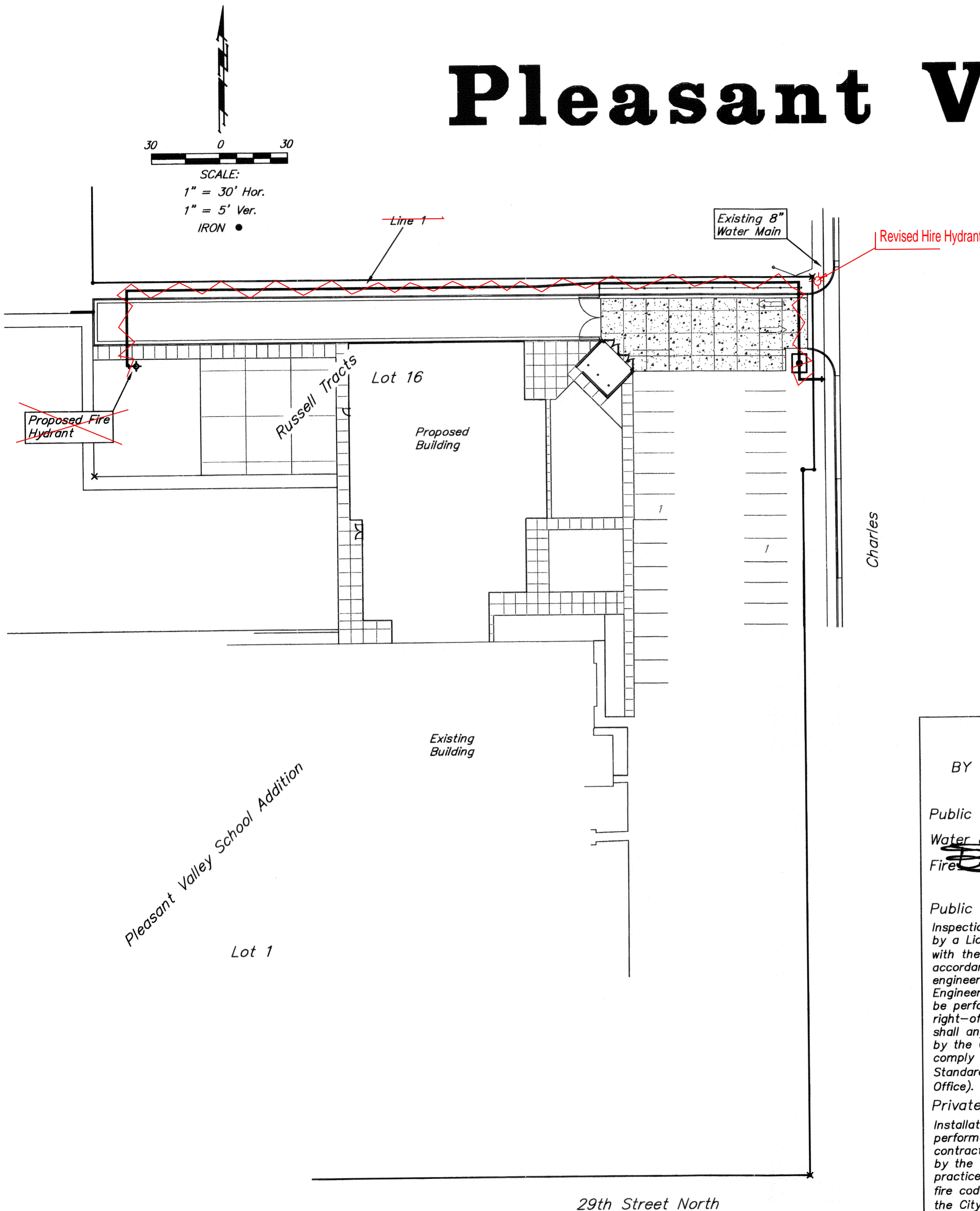
General Notes

- Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) 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 Company 1-888-482-4950
Westar Energy (Electric) 383-8650
Black Hills Energy (Gas) 1-800-303-0357
AT&T 268-2245
City of Wichita Water Dept. (Water) 268-4563
City of Wichita Sewer Maint. (SS) 268-4024
City of Wichita Storm Sewer Maint. 268-4090
City of Wichita Traffic Maint. 268-4034
- All disturbed R/W areas not intended for pavement or sidewalk construction shall be seeded with Kansas Premium Fescue Blend at a rate of 8 lb./1000 Sq. Ft., fertilized with a 16-20-6 ratio at a rate of 4 lb./1000 Sq. Ft., and mulched with Prairie Hay at a rate of 92 lb./1000 Sq. Ft. Mulch shall be "patted" with forks or punched into soil to reduce loss due to wind.
- Utility service lines, poles, valve boxes, meters, et cetera 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 and shall be field verified. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Contractor shall furnish the inspector with a copy of the manufacturer's certification for any pipe used on this project after completion of pipe installation. The engineer will not certify the project to the city until pipe certification has been received.
- Contractor shall not start work on the project until the project inspector is assigned to the project and is present on the site. Contractor shall not start on the project until all necessary bonds and permits have been obtained. Bonds may include but are not limited to Statutory Performance & Maintenance Any work done without inspection will be required to be uncovered for inspection.
- 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.
- All water lines and appurtenances shall be installed in accordance with the most recent edition of City of Wichita, Kansas Standard Specifications for the Construction of City Projects.



NO SCALE.

VICINITY MAP



Benchmark

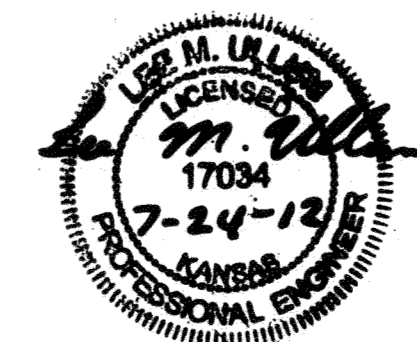
SITE BENCHMARK
"□" Chiseled on the back of curb at the Southeast corner of Lot 1, Pleasant Valley School Addition located on the west side of Charles Avenue and the north side of 29th Street North.
Elev. = 1316.14 (NAVD 88)

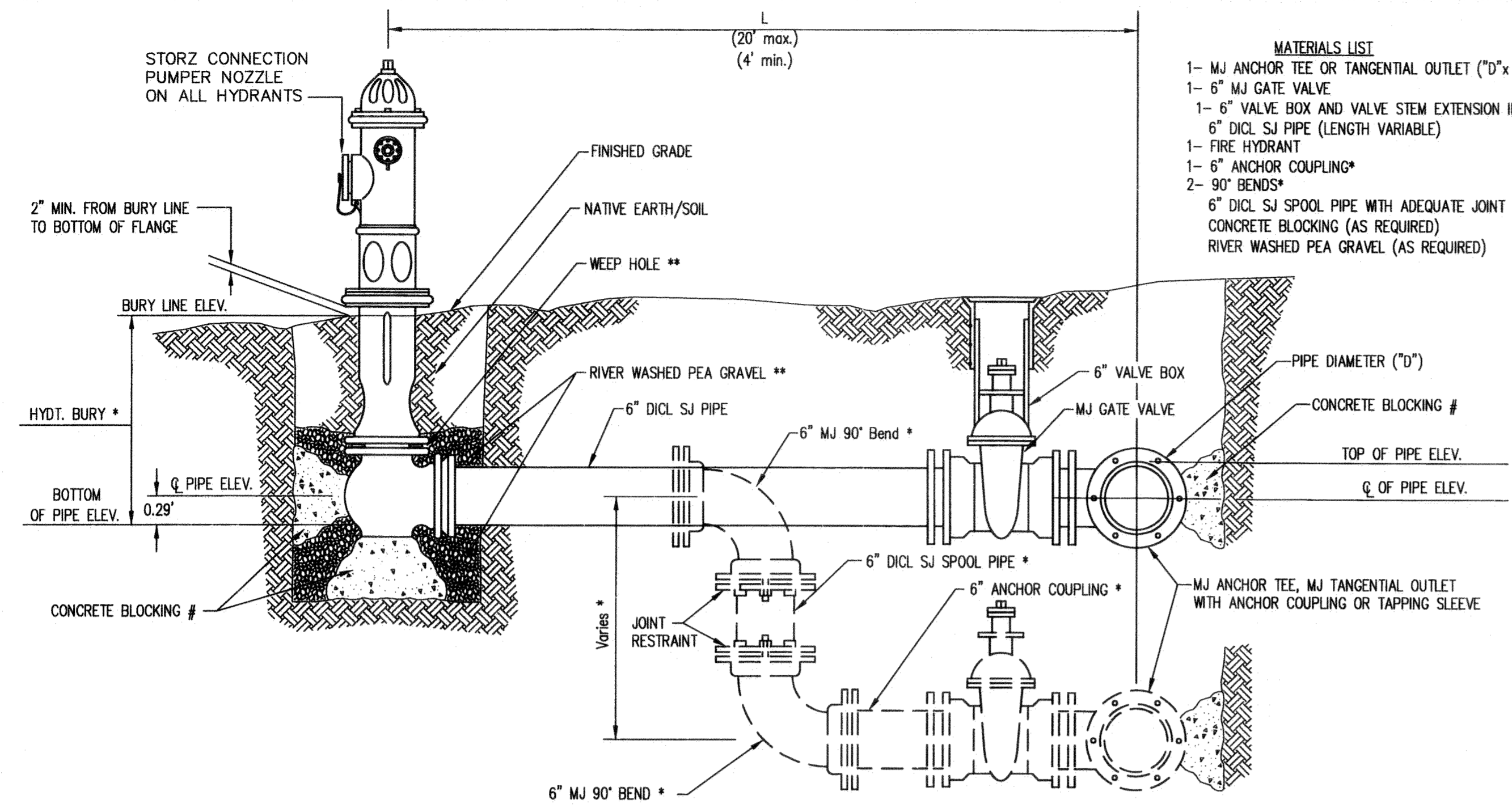
APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA,
BY WICHITA WATER & SEWER DEPARTMENT,
& BY WICHITA FIRE DEPARTMENT

Public Works Shawn Nelson 7-23-2012
Water & Sewer Greg Tulla 7-24-2012
Fire Greg Tulla 7-23-2012

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).

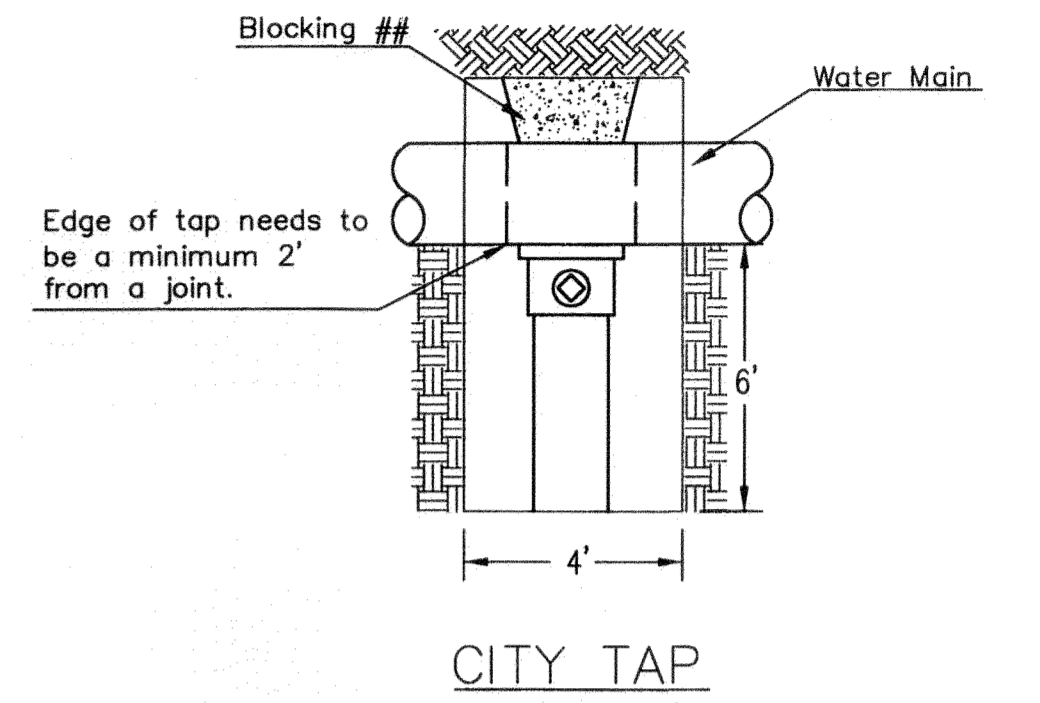
Private Property:
Installation and testing for the fire protection line is to be performed by a City of Wichita licensed fire protection contractor in accordance with the fire codes as adopted by the City of Wichita. All material and construction practices for the fire protection line shall comply with 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.





- MATERIALS LIST**
- 1- MJ ANCHOR TEE OR TANGENTIAL OUTLET (10" 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)

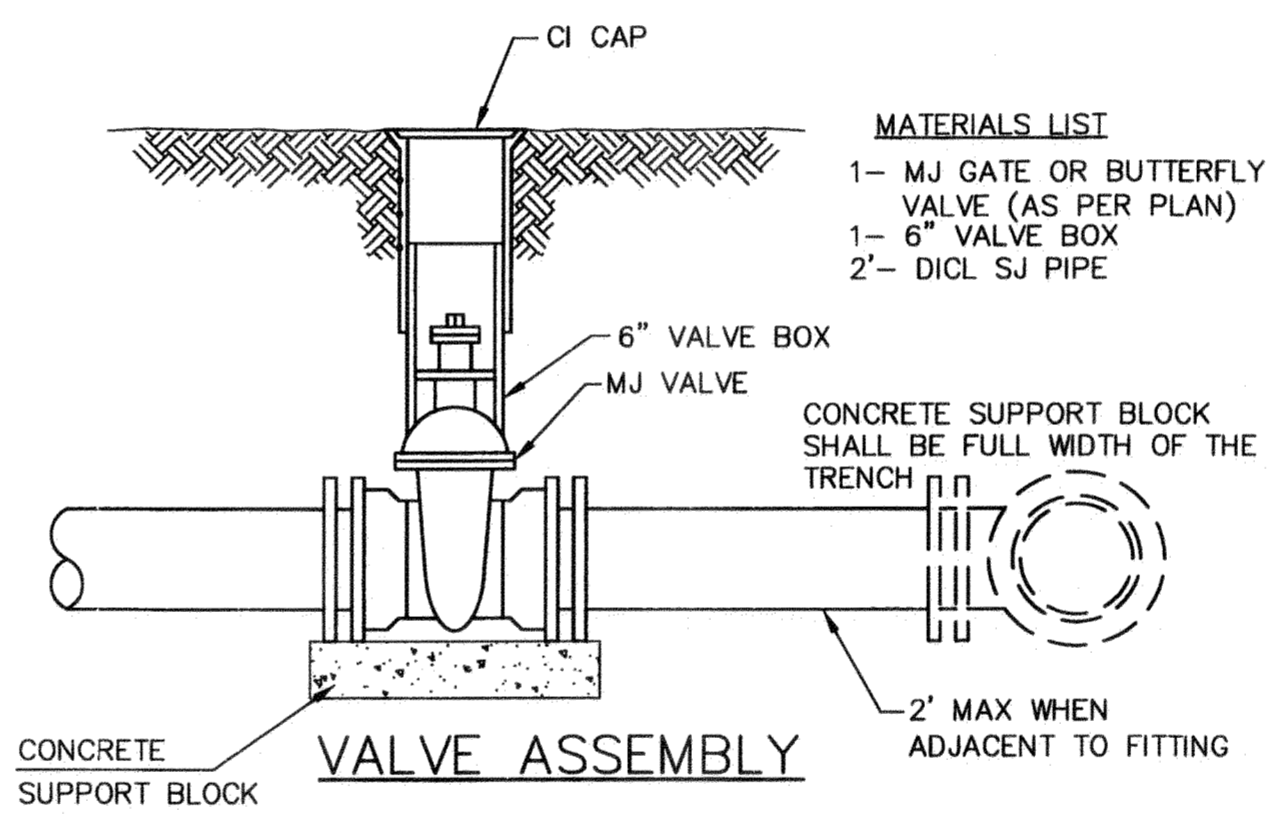
FIRE HYDRANTS REQUIRED				
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
3+84.13, Line 1	1319.10	1315.31	4.5'	
	1317.51	1313.71		



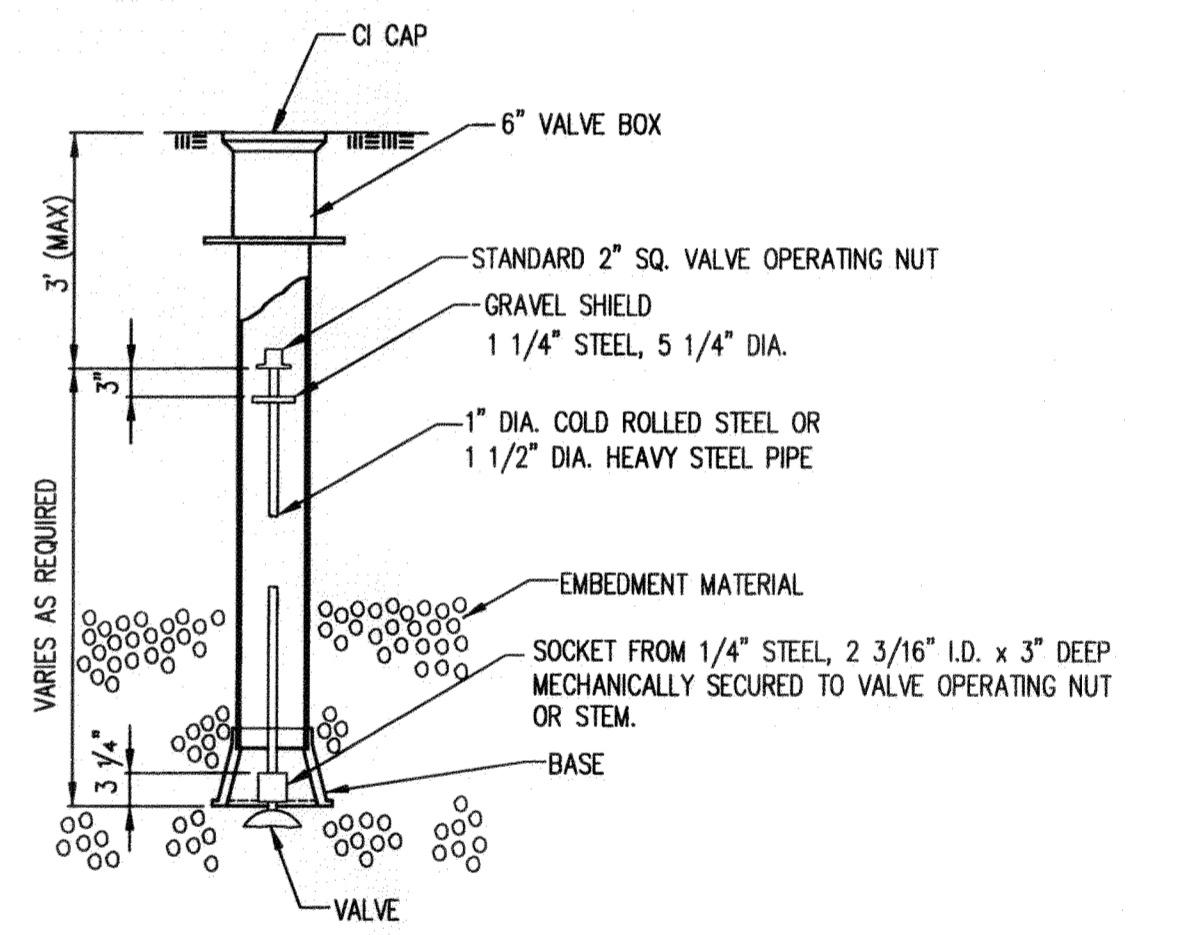
When the City of Wichita makes tap, blocking is to be done by Contractor

- * 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

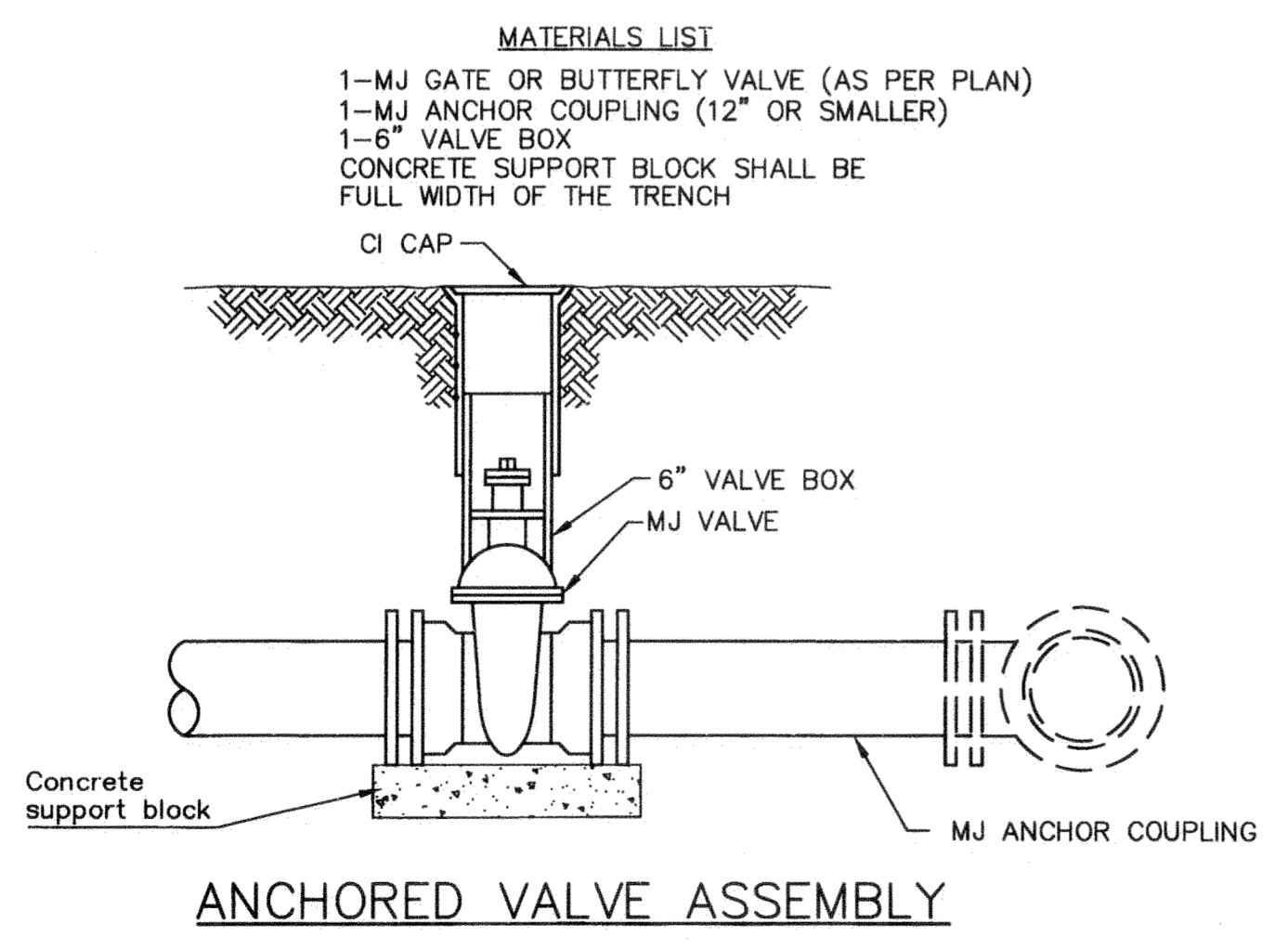


- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
 - 1- 6" VALVE BOX
 - 2'- DICL. SJ PIPE

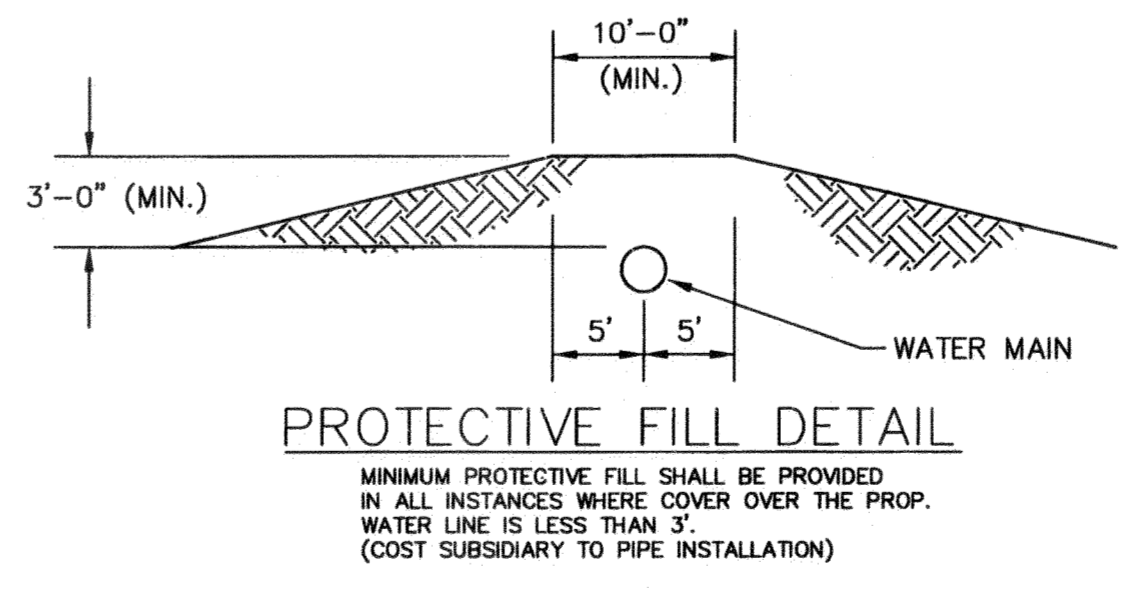


VALVE STEM EXTENSION DETAIL

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



- MATERIALS LIST**
- 1- MJ GATE OR BUTTERFLY VALVE (AS PER PLAN)
 - 1- 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)

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

STANDARD WATER ASSEMBLY DETAIL		
CITY ENGINEER Gary Janzen, P.E. Interim City Engineer		
PROJECT NUMBER 1672 PPW	OCA NUMBER NA	DATE 07/12
CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202-1620 (316) 268-4501		SHEET 2 of 4

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Benchmark

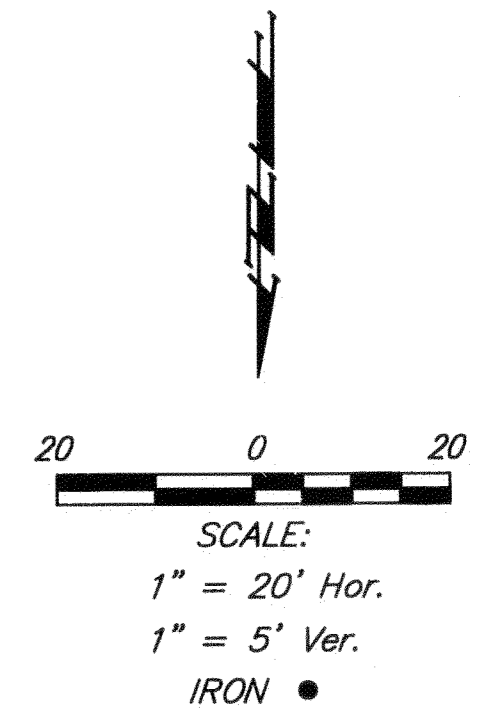
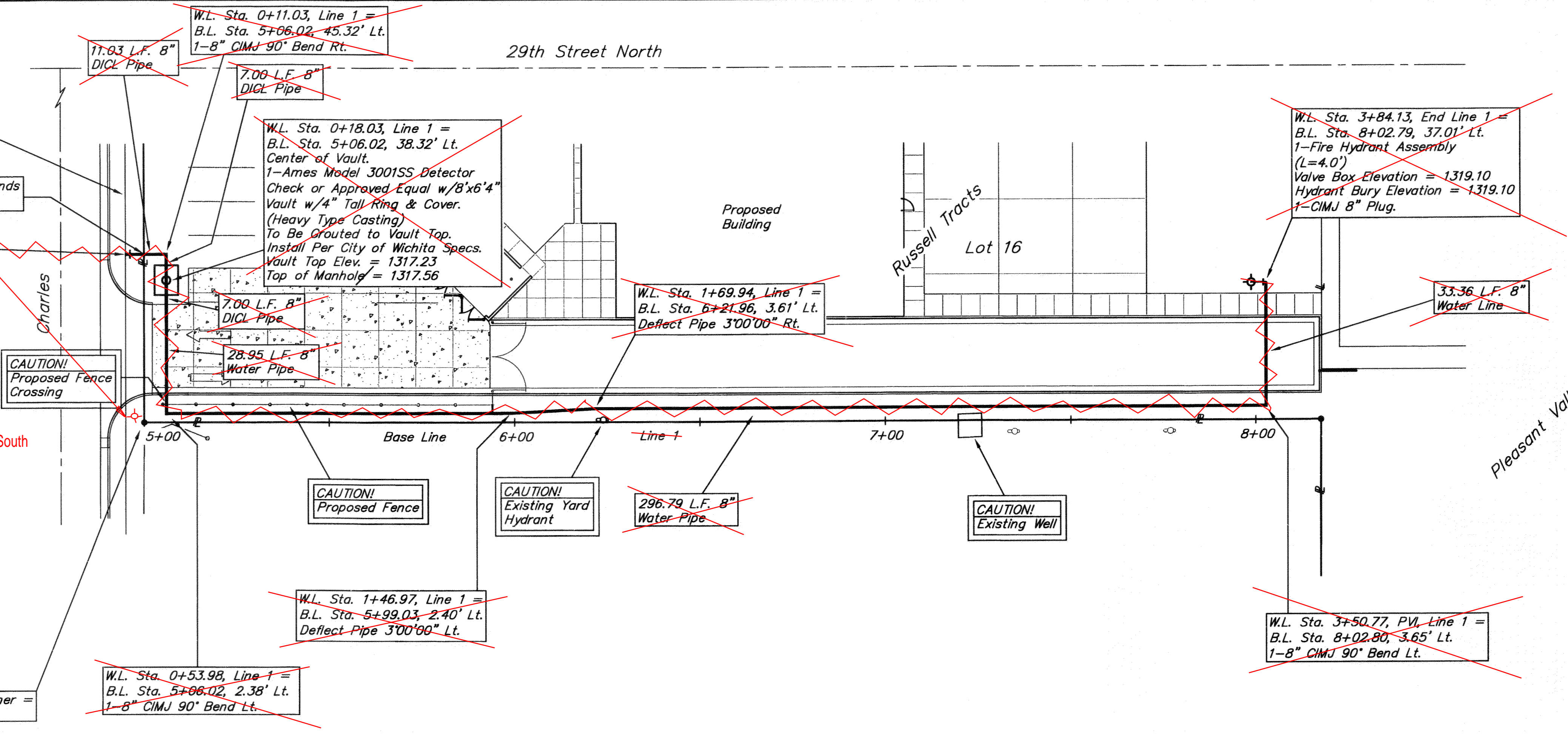
SITE BENCHMARK
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 Elev. = 1316.14 (NAVD 88)

W.L. Sta. 0+00.00, ~~Begin Line 1 = B.L. Sta. 4+94.99, 45.32' Lt. 2" Tap Existing 8" AC Water Line. 1-8"x8" Tapping Sleeve. 1-8" Tapping Valve W/Valve Box To Be Furnished & Installed By The City Of Wichita (Contractor To Reimburse City Of Wichita For Tapping Sleeve, Valve & Installation \$1830.00.) Valve Box Elevation = 1317.80~~
 Extend 8" Water Line West.
 Install Fire Hydrant L = 4'

Fire Hydrant is 1.5' East & 2' South of NE Property Corner
 Valve is 2' East of Hydrant

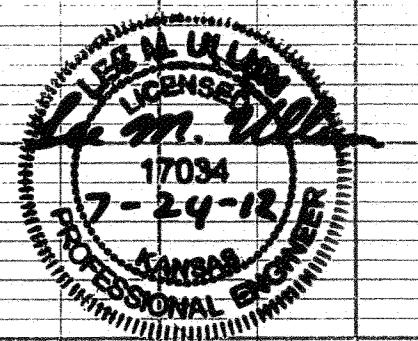
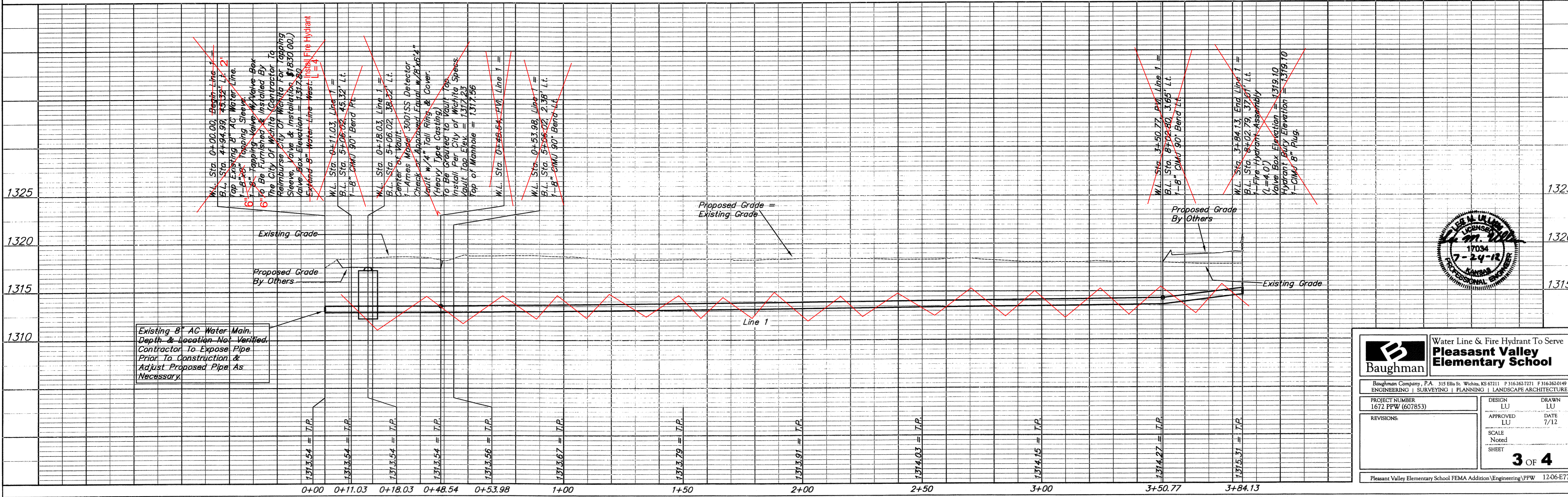
Contractor To Expose Water Main To Determine Exact Location & Depth Prior To Construction. Adjust Proposed Water Line As Necessary.

Northeast Property Corner = B.L. Sta. 5+00



Contractor To Use Extreme Caution When Excavating Near Utility Lines. Contractor To Hand Dig To Expose All Utility Lines Prior To Construction. Verify Depth To Determine Conflict If Any.

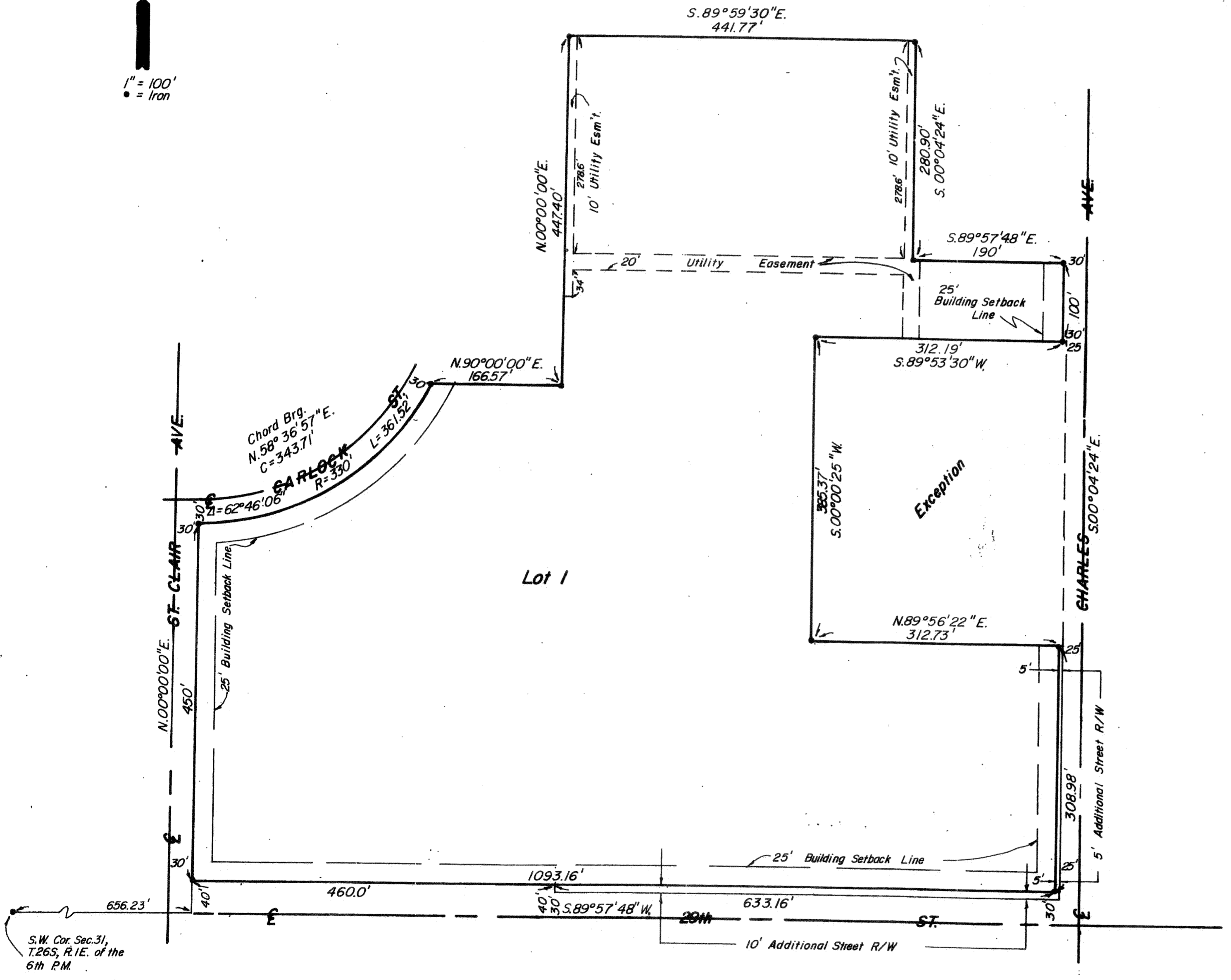
Contractor Shall Follow All Applicable Best Management Practices (BMP) For Erosion Control.



		Water Line & Fire Hydrant To Serve Pleasant Valley Elementary School	
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7171 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE			
PROJECT NUMBER 1672 PPW (607853)	DESIGN LU	DRAWN LU	DATE 7/12
REVISIONS:	APPROVED LU	SCALE Noted	SHEET 3 OF 4
Pleasant Valley Elementary School FEMA Addition Engineering/PPW 12-06-E771			

PLEASANT VALLEY SCHOOL ADDITION

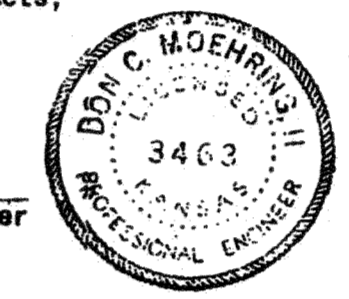
TO WICHITA, SEDGWICK COUNTY, KANSAS



STATE OF KANSAS, COUNTY OF SEDGWICK, SS:

I, Don C. Moehring II, a Civil Engineer in said State and County, do hereby certify that I have surveyed and platted "PLEASANT VALLEY SCHOOL ADDITION" to Wichita, Sedgwick County, Kansas, into a Lot, and Streets, the same being accurately set forth on the accompanying plat and described as follows: A Replat of Lot 1, Block 5, Pierpoint Acres, Sedgwick County, Kansas, together with the North 10.0' of 29th Street right-of-way adjacent thereto, and a Replat of Lots 3, 4, 5, & 6 in Block B, and Lots 3, 4, 5, 6, & 7 in Block D, together with vacated Clarence Ave. adjacent thereto, in Calbuilt Replat of part of Lots 14 and 15 of Russell Tracts, Sedgwick County, Kansas; and the South 1/2 of Lot 16, and the West 320.0' of the North 1/2 of Lot 16, and the West 320.0' of the South 1/2 of Lot 15 except the North 267.33' thereof, in Russell Tracts, Sedgwick County, Kansas; said part of 29th Street and Clarence Avenue are hereby vacated by virtue of KSA 1970 Supp. 12-512(b).

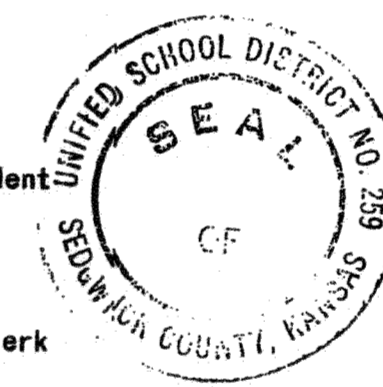
Don C. Moehring II
 Don C. Moehring II, Dec. 6, 1976, Consulting Engineer



Know all men by these presents that we the undersigned, property owners of the land as above set forth in the Civil Engineer's certificate, have caused the same to be surveyed and platted into a Lot, and a Street, the same to be known as "PLEASANT VALLEY SCHOOL ADDITION" to Wichita, Sedgwick County, Kansas. Easements for the construction and maintenance of public utilities, as indicated on the accompanying plat, are hereby granted. The Streets are hereby dedicated to and for the use of the public.

UNIFIED SCHOOL DISTRICT NO. 259 (WICHITA), SEDGWICK COUNTY, KANSAS.

Gary M. Pottorff
 Gary M. Pottorff, President
Keith L. Kauffman
 Keith L. Kauffman, Clerk



STATE OF KANSAS, COUNTY OF SEDGWICK, SS:

Be it remembered that on this 18th day of January, 1977, before me, a Notary Public in and for said State and County, came Unified School District No. 259 (Wichita), Sedgwick County, Kansas, by Gary M. Pottorff, President, and Keith L. Kauffman, Clerk, to me personally known to be the same persons who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Eleanor Lundgren
 Eleanor Lundgren, Notary Public
 My Commission expires Sept. 24, 1980



This plat of "PLEASANT VALLEY SCHOOL ADDITION" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission.

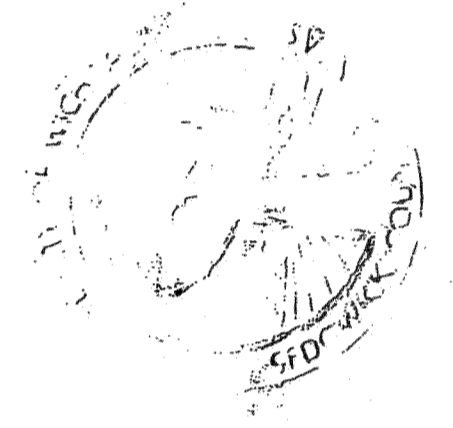
Dated this 29th day of December, 1976.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION
William J. Goebel
 William J. Goebel, Chairman
Robert A. Lakin
 Robert A. Lakin, Secretary



This plat has been approved and all dedications shown, hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 3rd day of JAN, 1977.

Tony Combs
 Tony Combs, Mayor
Donald C. Gisick
 Donald C. Gisick, City Clerk



This plat has been approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Sedgwick County, Kansas, this 6th day of March, 1977.

John H. Hale
 John H. Hale, Commissioner
Tom Scott
 Tom Scott, Commissioner
Everett Patrick
 Everett Patrick, Commissioner

Attest: *Dorothy K. White*
 Dorothy K. White, County Clerk

STATE OF KANSAS, COUNTY OF SEDGWICK, SS:

This is to certify that this instrument was filed for record in the Register of Deeds Office at 8:00 A.M. on the 7th day of MARCH, 1977.

Bette J. McCart
 Bette J. McCart, Register of Deeds
Pat Kettler
 Pat Kettler, Deputy

Entered on transfer record this 6 day of March, 1977.

Dorothy K. White
 Dorothy K. White, County Clerk

