STORM SEWER IMPROVEMENTS
to serve
Lot 12, Comotara Industrial Fifth Addition
CITY OF WICHITA, KANSAS

Gary Janzen, P.E., City Engineer

0300 PPD (607861)

GENERAL NOTES:

1. The Contractor shall comply with all applicable safety regulations. All construction shall be completed following current City Standard Specifications and Special Provisions.

2. 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 1-316-687-2470

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

AT&T	1-800-246-8464
Black Hills Energy	1-800-694-8989
City of Wichita Water	1-316-268-4555
City of Wichita Sewer	1-316-268-4073
City of Wichita Stormwater	1-316-268-4090
City of Wichita Traffic	1-316-268-4034
Cox Communications	1-888-249-3530
Kansas Gas Service	1-888-482-4950
Westar Energy	1-800-544-4857

3. Utility service lines, poles, etc. 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.

4. 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 buried or stockpiled beyond approved construction limits would require additional archeological investigations unless buried in a previously approved borrow location.

5. 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.

6. 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.

7. 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.

8. The Water Distribution Division shall field locate water valves one time during construction when requested by the Contractor. It shall be the Contractor's responsibility to preserve such field locations during the construction process. Water valves, valve boxes or fire hydrants damaged during construction shall be repaired by Contractor at his own expense. Valves boxes and water meters within the project limits shall be adjusted to match field grades.

9. The Contractor shall notify the consultant engineer and Tom Mason with the City at 316-268-4574 with the anticipated construction start date and notify them of project completion. Staking and inspection for this project will be the responsibility of the Contractor.

10. If traffic is impacted by construction, a traffic control plan must be submitted and approved by the City Traffic Engineer, Brian Coon at traffic@wichita.gov before construction can begin. The Contractor shall be responsible for all traffic control measures to facilitate construction. All construction zone markings and signage shall conform to the latest version of the Manual on Uniform Traffic Control Devices (MUTCD) as published by the US Dept. of Transportation, Federal Highway Administration. All costs associated with construction markings and signage shall be the Contractors responsibility.

11. All elevations shown are U.S.G.S. Datum (NGVD 88).

12. All areas disturbed during construction that will not be under proposed pavement shall be restored to match existing conditions.

13. A portion of excess excavated material shall be mounded around manholes which extend more than one (1) foot above the existing ground. Such mound shall be constructed with new development a six (6) foot diameter flat top with 4 to 1 side slopes down to the original ground. The elevation of the flat top of the mound shall be 0.4 foot below the top of the manhole.

14. Geotechnical report available upon request.

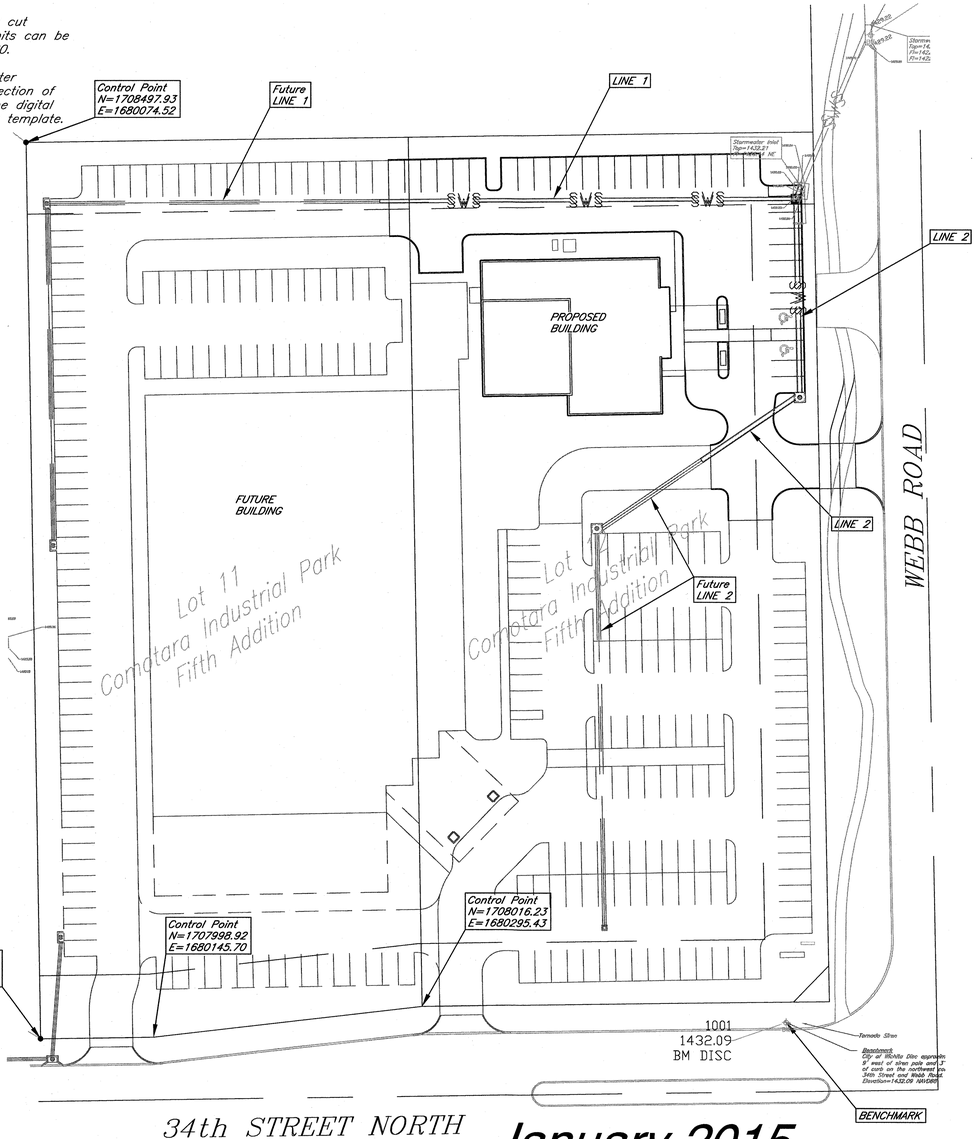
15. Contractor shall limit the extent of trench openings overnight and weekends to less than 50 feet.

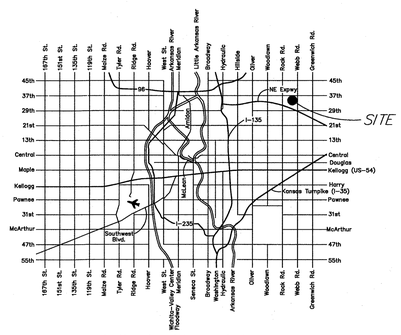
16. Contractor shall provide positive drainage away from all manhole covers.

17. City maintenance of storm sewer ends at right-of-way or easement line.

18. Any sidewalk, drive approach, or street pavement removed to construct project must have a pavement cut permit and be replaced by the City contractor. Permits can be obtained by calling 316-268-4501 or 316-268-4480.

19. The inspection firm shall submit to the City Stormwater Maintenance Division a digital copy of the CCTV inspection of the conduits and structures following construction. The digital file formation shall be compatible with the City input template. A copy of the template is available upon request at 316-268-4090.





Vicinity Map

Index of Sheets:

Stormwater Certification:
New Development or Redevelopment

These construction plans were prepared in accordance with the current Stormwater Management Regulations as set forth in the City of Wichita's Stormwater Management Ordinance 16.32 and the policies/guidelines presented in the Wichita/Sedgwick County Stormwater Manual.

Disturbed Area: 37789 sq. ft.
Water Quality Treatment: BMP Snout
Downstream Channel Protection: N/A
Detention:
The BMP used for this development is Snout.

Benchmark:

City of Wichita Disc approximately 9' west of siren pole and 3' north of curb on the northwest corner of 34th Street and Webb Road.
Elev. = 1432.09 NAVD88

APPROVED AS NOTED
BY WICHITA PUBLIC WORKS ENGINEERING
AND STORMWATER DIVISION

Engineering Rebecca Hill 2/13/2015

Stormwater 02/13/15

NOTE TO CONTRACTORS

Installation, inspection and testing for this project 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 Licensed Professional Engineer 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 of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

An approved copy of these plans signed by City staff are required on-site.

AS BUILTS

Contractor:	Project Inspector:
Ewertz Excavation	Tom Jones
4/24/2015	KEMILLER ENGINEERING PA, 117 E. Lewis, Wichita, KS 67202 (316)264-0242

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER

DATE: 02.10.2015

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

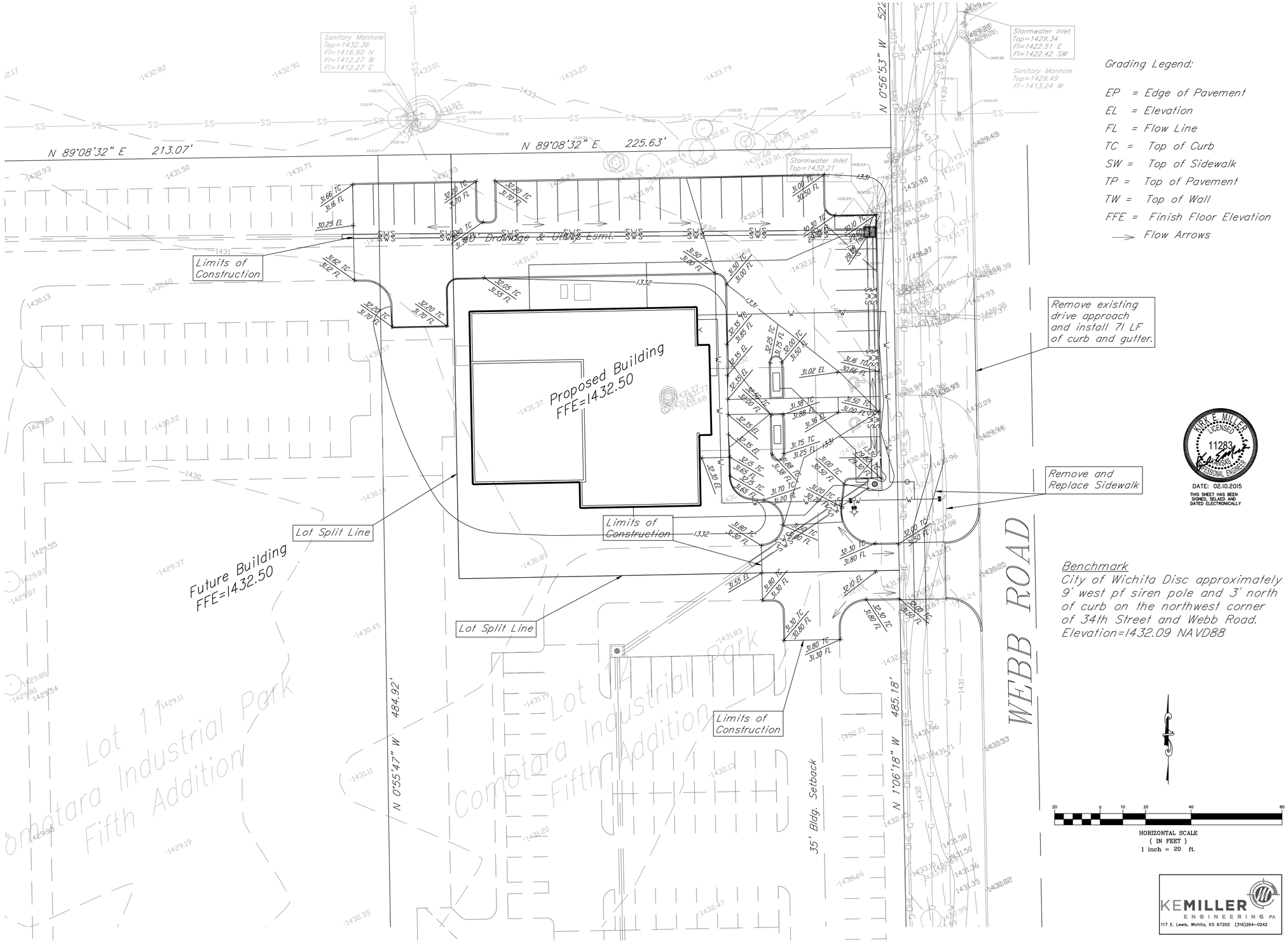
40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

January 2015

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

February 10, 2015



Grading Legend:

EP = Edge of Pavement
EL = Elevation
FL = Flow Line
TC = Top of Curb
SW = Top of Sidewalk
TP = Top of Pavement
TW = Top of Wall
FFE = Finish Floor Elevation
→ Flow Arrows

Benchmark
City of Wichita Disc approximately 9' west pf siren pole and 3' north of curb on the northwest corner of 34th Street and Webb Road. Elevation=1432.09 NAVD88

HORIZONTAL SCALE
(IN FEET)
1 inch = 20 ft.

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER
DATE: 02.10.2015
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WDM ARCHITECTS
WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com

we do more

Outpatient Cath Lab Shell Building
Heartland Cardiology

Wichita, Kansas

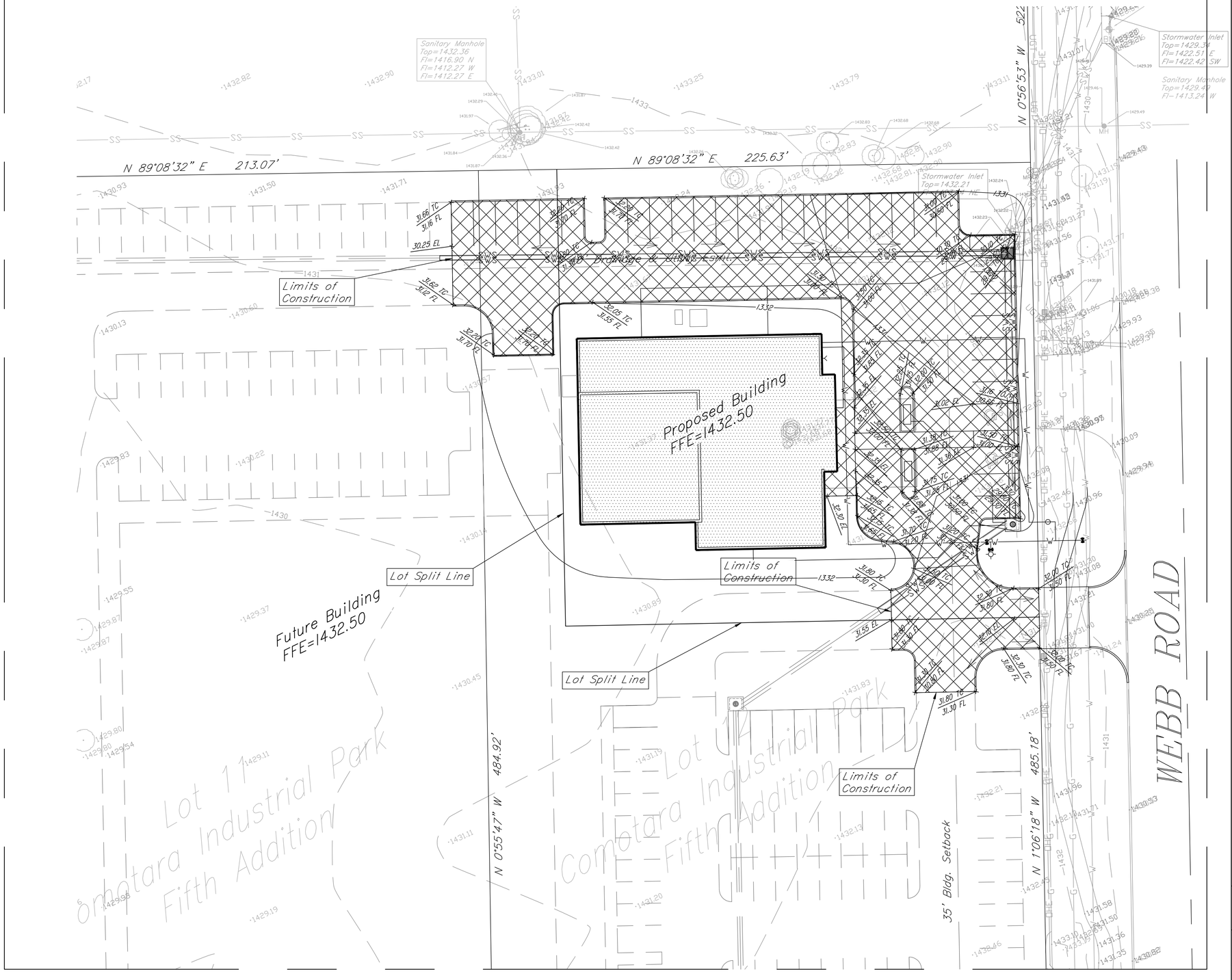
PRINTS ISSUED
11-05-14 Shell Bldg for Tenant Finish
01-12-15 For Bidding

WDM No. **14089** drawn: rlf checked: rlm

Grading Plan

2.0

S:\Projects\14000\14178 Heartland Cardiology\PDTS\fs-2_0 Site Grading Plan PRO.dwg
2/10/2015 9:02:52 AM Owner



ERU Calculations:

Ex. Impervious Area =	*0.0 sq. ft.*
Total Lot Area =	*215191.42 sq. ft.*
Proposed Building Area =	*8408.92 sq. ft.*
Proposed Parking, Sidewalks, and Other Impervious Areas =	*19520.61 sq. ft.*
Total Impervious Area = (Post Construction)	*27929.53 sq. ft.*
Net Increase in Impervious Area =	*27929.53 sq. ft.*

Hatching Legend:

Building Area

Parking, Sidewalks, and Other Impervious Area

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER

DATE: 02.10.2015

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Benchmark
City of Wichita Disc approximately 9' west pf siren pole and 3' north of curb on the northwest corner of 34th Street and Webb Road. Elevation=1432.09 NAVD88

20 0 10 20 40 80

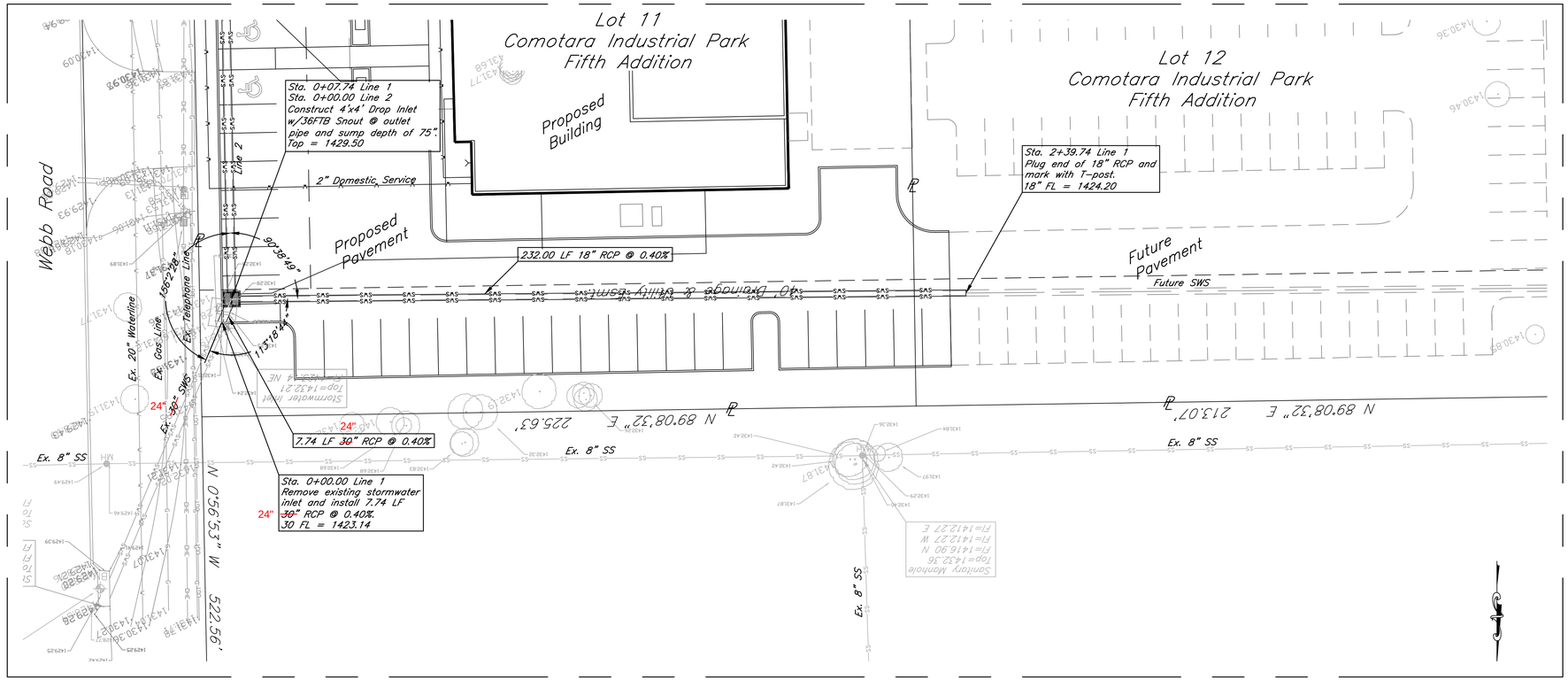
HORIZONTAL SCALE
(IN FEET)
1 inch = 20 ft.

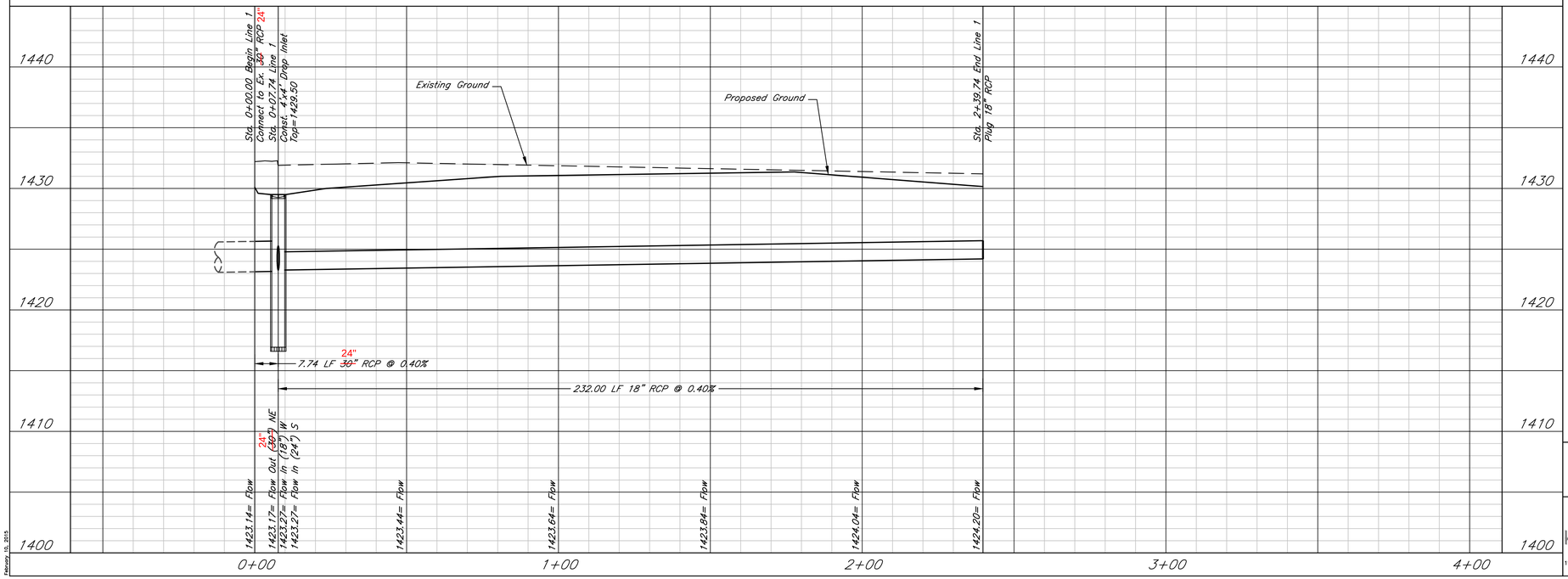
Heartland Cardiology
ERU Plan
Wichita, Kansas

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

PROJECT NUMBER 0300 PPD (607861)			
KEM NO. 14186	FILE	DATE 12/2014	SHEET 3.0
DESIGN KM	DRAWN MP	REVISED	

February 10, 2015





AS BUILTS

KEMILLER ENGINEERING PA
117 E. Lewis,
Wichita, KS 67202
(316)264-0242

KIRK E. MILLER LICENSED 11283 PROFESSIONAL ENGINEER

DATE: 02.10.2015

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VERTICAL SCALE
(IN FEET)
1 inch = 5 ft.

HORIZONTAL SCALE
(IN FEET)
1 inch = 20 ft.

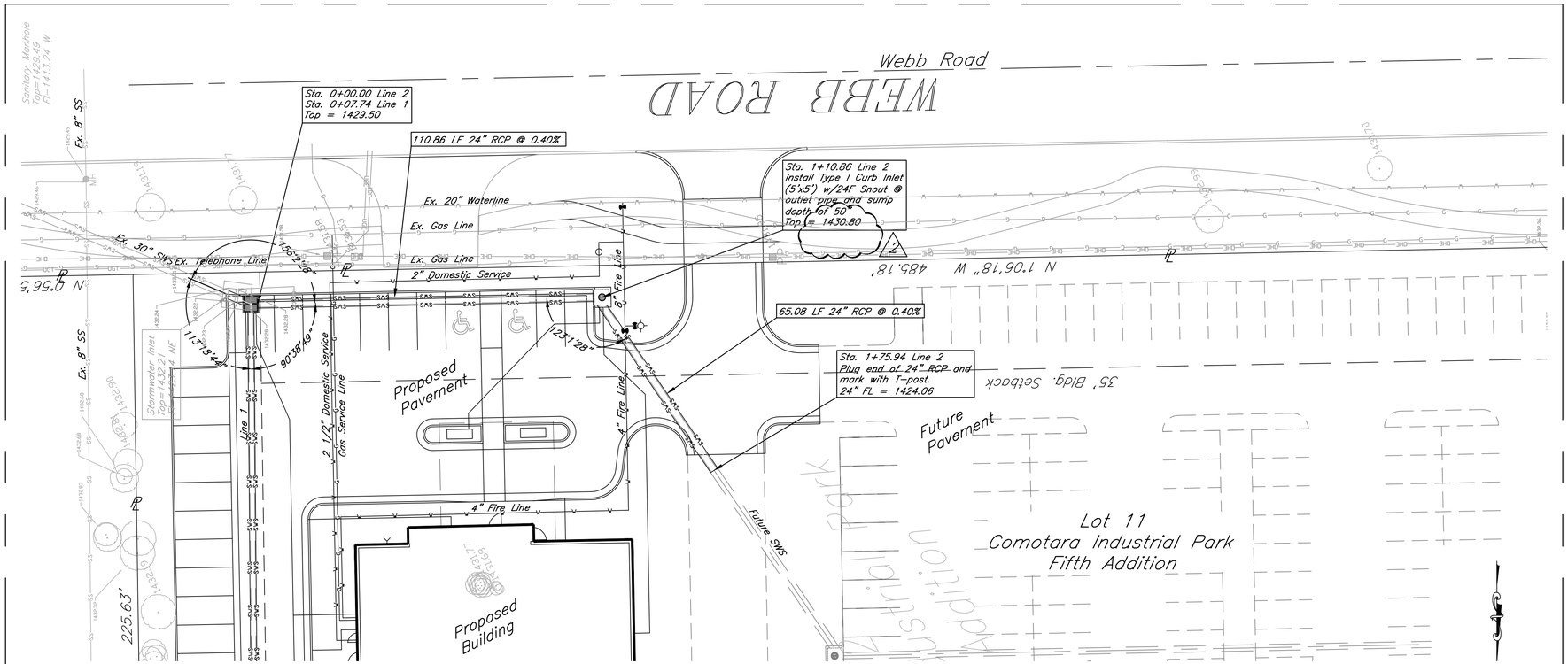
Heartland Cardiology

Plan and Profile

Wichita, Kansas

KEMILLER ENGINEERING PA 117 E. Lewis, Wichita, KS 67202 (316)264-0242		PROJECT NUMBER 0300 PPD (607861)		
KEM. NO. 14176	FILE	DATE 01/2015		SHEET 4.0
DESIGN KM	DRAWN MP	REVISED		

February 10, 2015



March 17, 2015

AS BUILTS

KEMILLER ENGINEERING PA
117 E. Lewis,
Wichita, KS 67202
(316)264-0242

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER

DATE: 03.16.2015

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

VERTICAL SCALE
(IN FEET)
1 inch = 5 ft.

HORIZONTAL SCALE
(IN FEET)
1 inch = 20 ft.

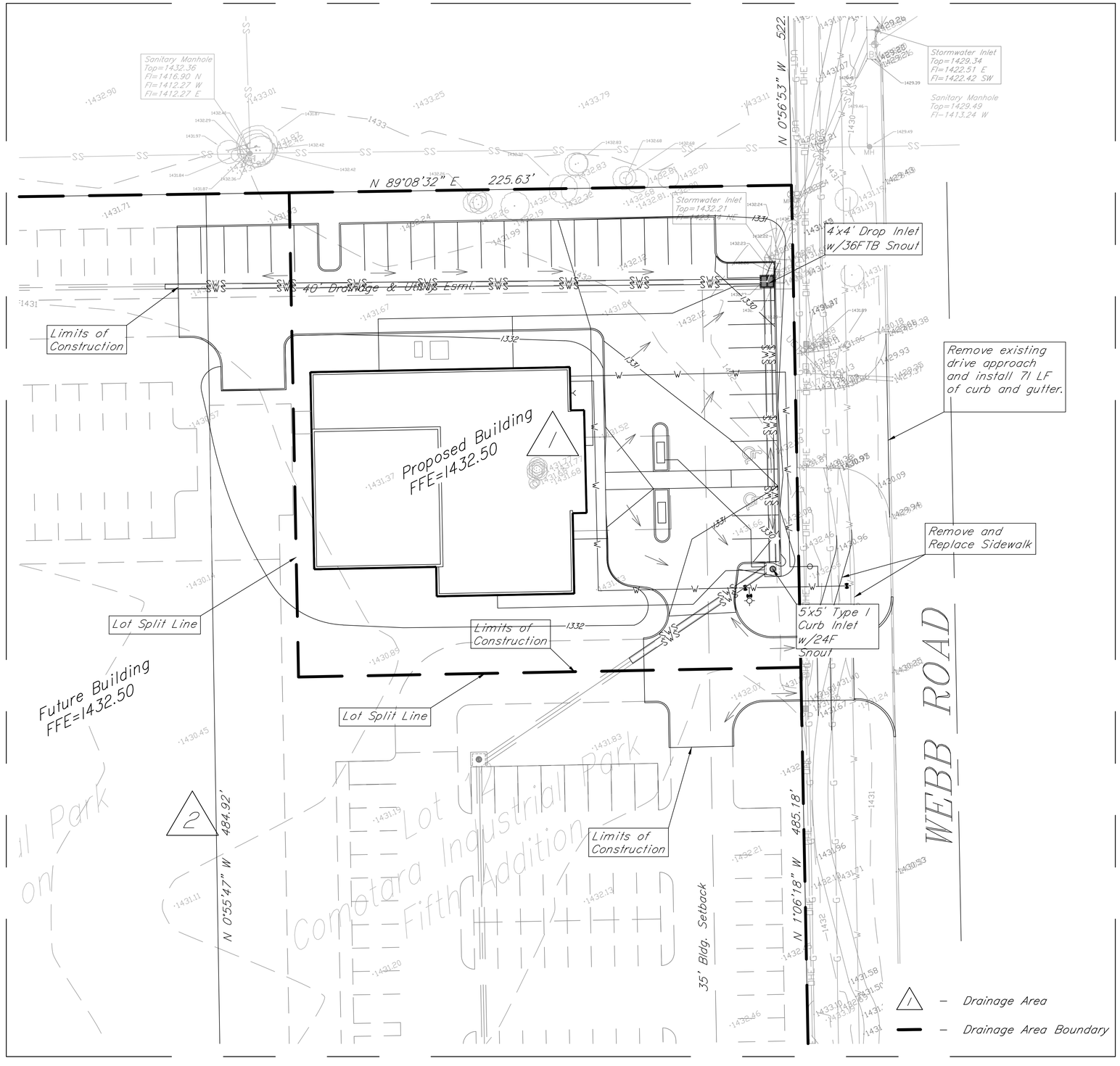
Heartland Cardiology

Plan and Profile

Wichita, Kansas

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

PROJECT NUMBER 0300 PPD (607861)			
KEM NO. 14176	FILE	DATE 01/2015	SHEET 4.1
DESIGN KM	DRAWN MP	REVISED 3/16/15	



Project Narrative:
The site is located at the Northwest corner of the intersection of 34th Street N and N Webb Road. The total site is 1.17 acres. The proposed development includes the construction of a new building and parking lot. The existing drainage pattern indicates that the site drains to the southwest, but following furture expansion will be routed to the northeast corner of the property to an existing SWS System.

Water Quality and TSS Removal Calculation

The Water Quality and TSS Removal Calculation is not required for this site as the disturbed area is less than 1.0 acre, and runoff from the site enters a series of ponds within the existing development.

Water Quality Volume (WQv) Calculation						
Calculation for water quality volume (WQv=P*Rv*A/12)				Soil Group 'C'		
85th percentile storm event (1.2 inches),P =	1.20	inches		Calulation of Rv		
Total area, A =	0.83	acres			Coeff.	Area
Rainfall Coeff, Rv, =	0.830	cf		Coeff for undisturbed area,R_{VU}=	0.03	0.00
Required Vol. for Water Quality =	**0.069**	ac-ft		Coeff for turf cover,disturbed,R_{VT}=	0.20	0.16
Corresponding Water Quality Peak Flow =	**0.67**	cfs		Coeff for impervious area, R_{VI}=	0.95	0.84
				Weighted, Rv =	**0.830**	

Channel Protection Volume (CPv)

The Channel protection volume detention (1-yr storm for 24 hrs) is not required for this site as the total disturbance of proposed development is less than 5.0 acres.

Runoff Calculations (2-, 5-, 10-, 25-, and 100-yr)

EXISTING CONDITION:
On-site Area to be Disturbed = 0.83 acres
Soil Group =C (as per COW HSG map)
CN=83

EXISTING SITE									
DRAINAGE AREA	ACRES	Tc min	CN	Q2	Q5	Q10	Q25	Q100	REMARKS
On-site (1)	0.83	15.6	83	1.94	2.84	3.48	4.31	5.88	Draining to Existing SWS
Off-site (2)	3.33	27	83	2.69	3.86	4.69	5.75	7.76	Draining to Existing SWS

DEVELOPED CONDITION:
Total Area of Present and Future project = 4.16 acres
Soil Group =C (as per COW HSG map)
CN=95.5

DEVELOPED SITE									
DRAINAGE AREA	ACRES	Tc	CN	Q2	Q5	Q10	Q25	Q100	REMARKS
On-site (1)	0.83	15	96	2.99	3.09	4.54	5.35	6.89	Draining to Existing SWS
Future Dev. (2)	3.33	15	95	12	15.66	18.21	21.48	27.62	Draining to Existing SWS

Notes:

1. *Existing and developed flows are calculated using the SCS hydrograph method. "CN" & "Runoff Depth" values are established from "City of Wichita Stormwater Design Manual." Time of concentration (Tc) are calculated using TR-55 method.*
2. *The developed peak flows are calculated for the Type II rainfall distribution for 24 hours. The peak flows are routed to the Drainage Easement along the south line of the property.*
3. *The site is not in designated 100-yr floodplain (FIRM 20173C0355E, dated February 2, 2007).*
4. *Lidar indicates the site drains to the southwest, but will be picked up and carried northeast during future development.*

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER
DATE: 02.10.2015
THIS SHEET HAS BEEN SIGNED, SELAED AND DATED ELECTRONICALLY

20 0 10 20 40 80
HORIZONTAL SCALE
(IN FEET)
1 inch = 20 ft.

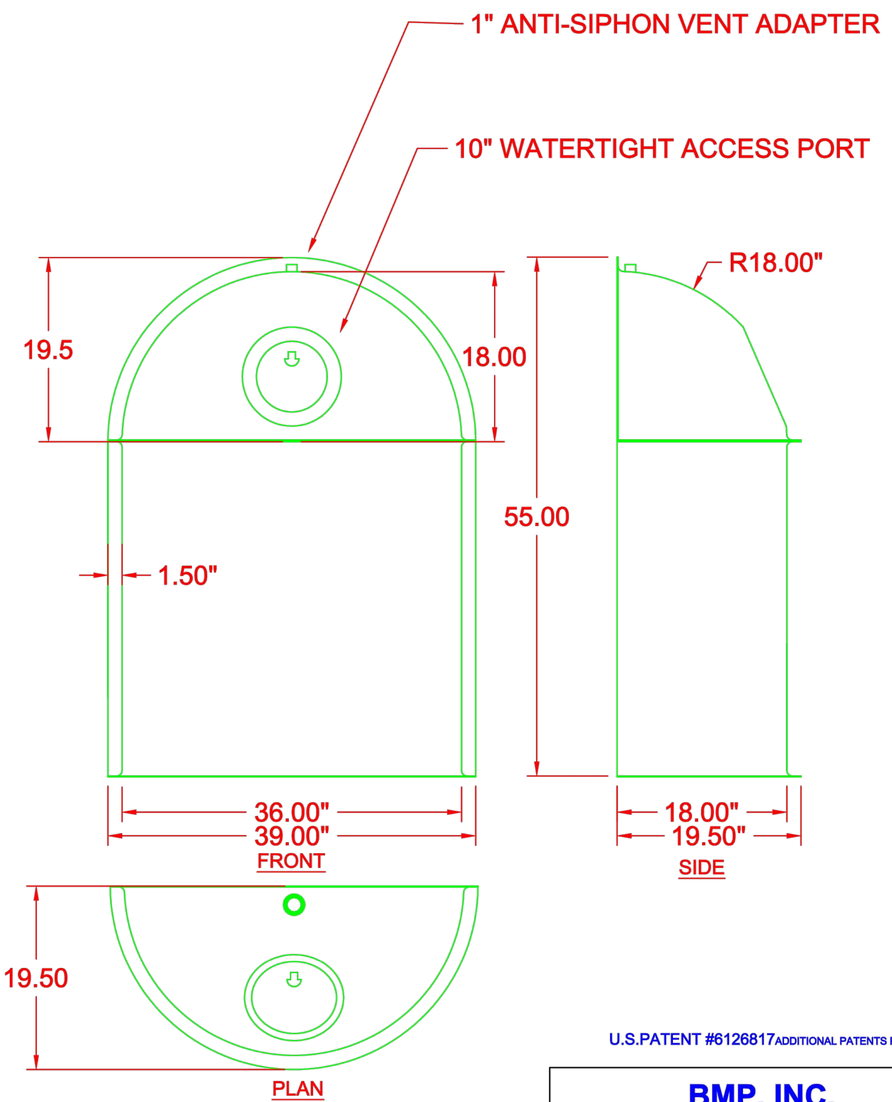
Benchmark
City of Wichita Disc approximately 9' west pf siren pole and 3' north of curb on the northwest corner of 34th Street and Webb Road.
Elevation=1432.09 NAVD88

Heartland Cath Lab
DRAINAGE PLAN
Wichita, Kansas

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

PROJECT NUMBER 0300 PPD (607861)			
KEM NO. 14176	FILE	DATE 01/2015	SHEET 5.0
DESIGN KM	DRAWN MP	REVISED	

February 10, 2015



U.S.PATENT #6126817ADDITIONAL PATENTS PENDING

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT. 06371
(800) 504-8008 FAX: (860)434-3195

DESCRIPTION	DATE	SCALE
36FTB SNOUT OIL & DEBRIS STOP	03/28/05	NONE
	DRAWING NUMBER	
	36FTB	

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER

DATE: 02.10.2015

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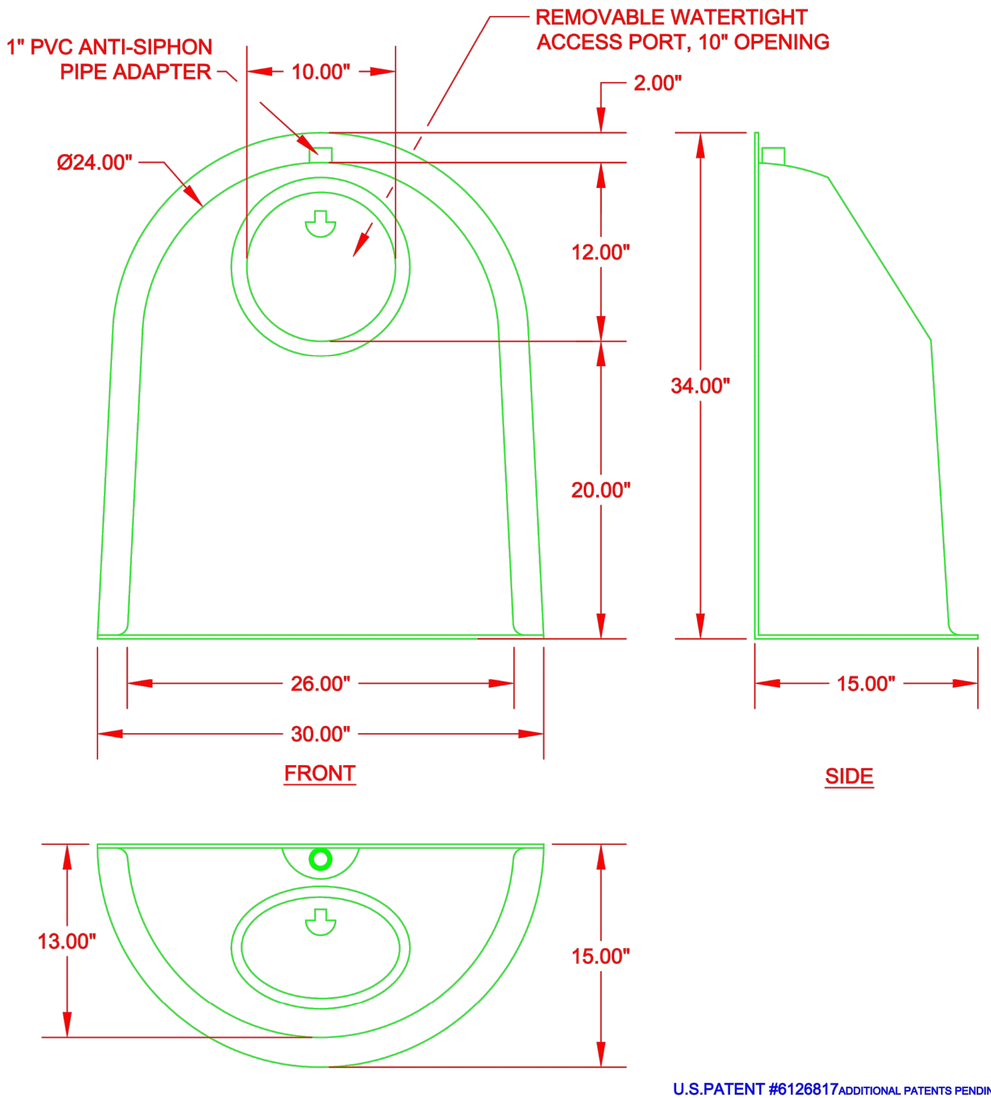
Heartland Cath Lab

Snout Detail

Wichita, Kansas

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

PROJECT NUMBER 0300 PPD (607861)			
KEM NO. 14176	FILE	DATE 01/2015	SHEET 5.1
DESIGN KM	DRAWN MP	REVISED	



U.S.PATENT #6126817ADDITIONAL PATENTS PENDING

BMP, INC.
53 MT. ARCHER ROAD, LYME, CT. 06371
(800) 504-8008 FAX: (860)434-3195

DESCRIPTION	DATE	SCALE
24F SNOUT OIL & DEBRIS STOP	09/20/99	NONE
	DRAWING NUMBER	
	24F	

KIRK E. MILLER LICENSED 11283 PROFESSIONAL ENGINEER

DATE: 02.10.2015

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Heartland Cath Lab
Snout Detail
Wichita, Kansas

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

PROJECT NUMBER 0300 PPD (607861)			
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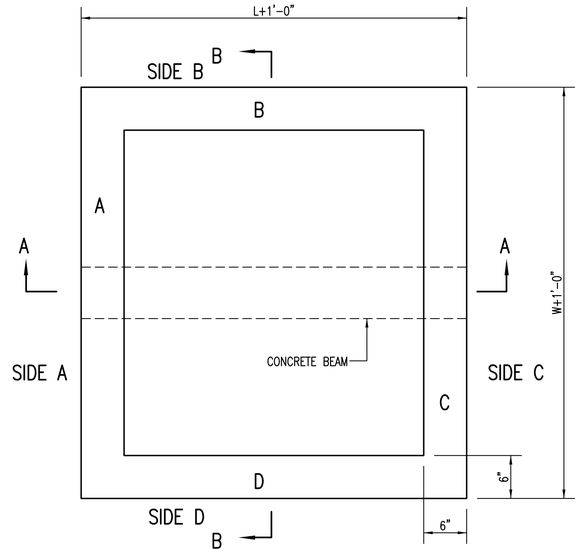
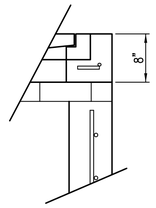
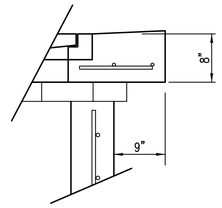


TOP VIEW

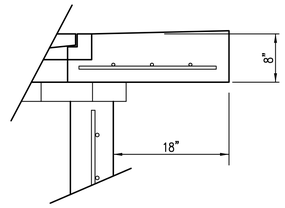


FLUSH STYLE TOP
NO APRON



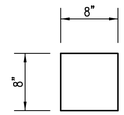
9" APRON

* APRON TO EXTEND ON ALL 4 SIDES OF INLET. DESIGNER TO DESIGNATE APRON SIZE.

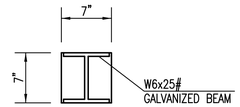


18" APRON

BEAM REQUIRED FOR THIS INLET



CONCRETE BEAM POCKET



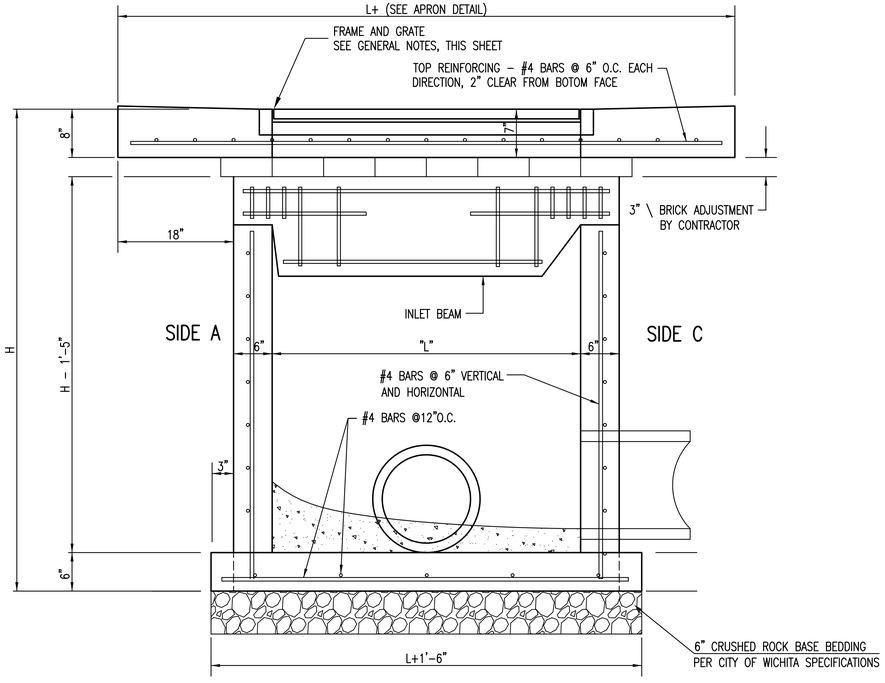
GALV. STEEL BEAM POCKET

W=4'-4" and L=4' for DOUBLE DROP INLET

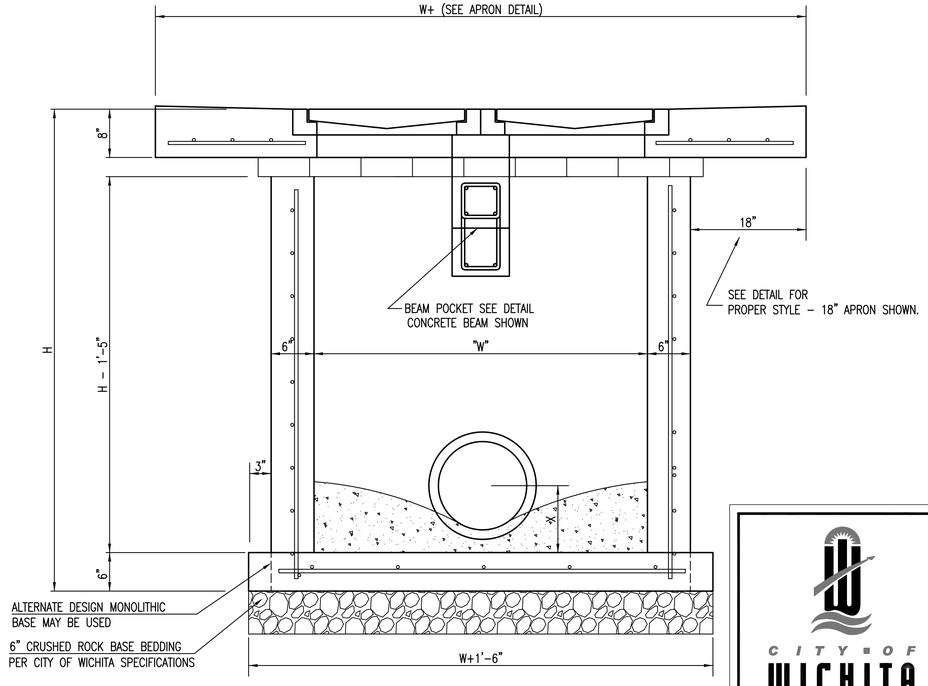
The structure(s) on this detail sheet are designed for HS-20 loading at these specific dimensions only. If larger dimensions are required, the ENGINEER shall provide a project specific structure design for approval by the City Engineer's office.

GENERAL NOTES

1. GRATE FRAME TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
3. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
4. INLET FRAME AND GRATE TO BE DEETER #2433, EJIW #5391-Z1 OR APPROVED EQUAL FOR 2'x2' SINGLE DROP INLET AND DEETER #2434, EJIW #5391 Z3 OR APPROVED EQUAL FOR 2'x4' DOUBLE DROP INLET.
5. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUTED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.



SECTION "A-A"



SECTION "B-B"

CITY OF WICHITA
PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

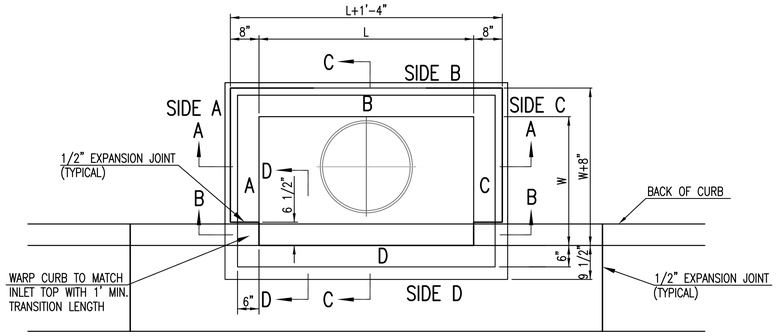
DOUBLE DOUBLE DROP INLET WITH BEAM

CITY ENGINEER
GARY JANZEN, P.E..

PROJECT NUMBER	OCA NUMBER	DATE
		05/2011

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

SHEET 6.0



TOP VIEW

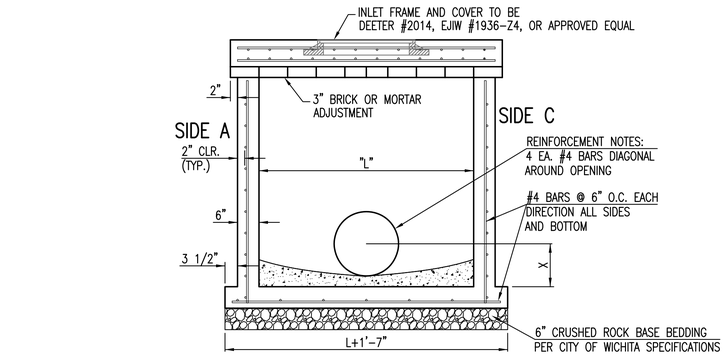
BAR SCHEDULE		
INLET OPENING	B1 BARS	SPACING
5'-0"	#4	4"
10'-0"	#6	3.5"

PRECAST CURB INLET WIDTHS				
W	PRE-CAST TOP SIZE			PIPE DIA.**
	WIDTH	LENGTH	TOP	
3'-0"	W+8"	L+1'-4"	7 1/2"	21" & SMALLER
4'-0"	W+8"	L+1'-4"	7 1/2"	24" & 30"
5'-0"	W+8"	L+1'-4"	7 1/2"	36" & 42"
6'-0"	W+8"	L+1'-4"	7 1/2"	48" & 54"
7'-0"	W+8"	L+1'-4"	7 1/2"	60" & 66"

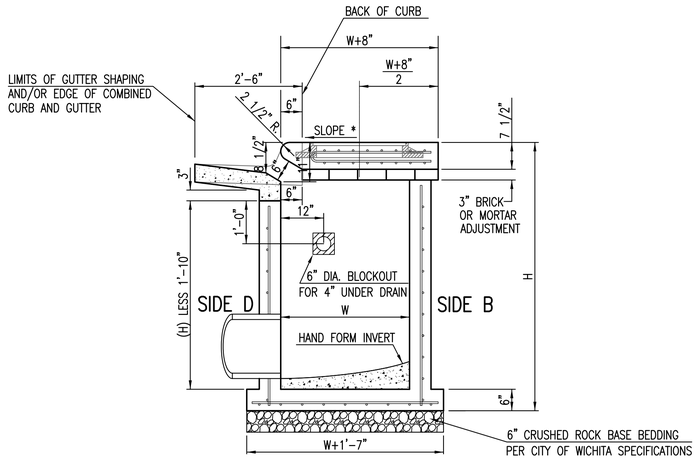
** FOR PIPES PERPENDICULAR TO INLET WALL

GENERAL NOTES

1. CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL CONFORM TO CITY OF WICHITA SPECIFICATIONS FOR CONCRETE PAVEMENT MIX.
2. CONTRACTOR SHALL HAVE THE OPTION OF CONSTRUCTING 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP OF THIS INLET WHEN W=5'-0" AND H=7'-0" OR LESS.
3. INLET INVERT SHALL BE SHAPED WITH 8 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.
4. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.
5. INLET FRAME AND COVER TO BE DEETER #2014, EJIW #1936 Z4, OR APPROVED EQUAL, SEE SW-303.
6. CONTRACTOR SHALL REMOVE LIFTING HOOKS AFTER INSTALLATION. RECESSES IN INLET WALL SHALL BE GROUTED FLUSH TO THE INLET WALL WITH HYDRAULIC CEMENT AFTER THE INLET IS IN PLACE. LIFTING HOLES THRU THE INLET WALL WILL NOT BE ACCEPTED.

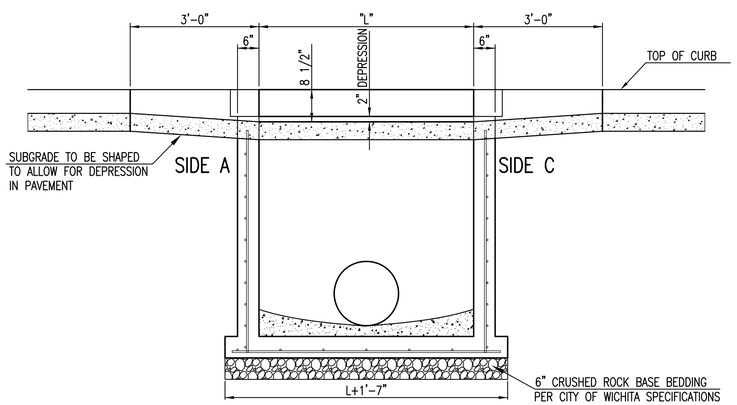


SECTION "A-A"

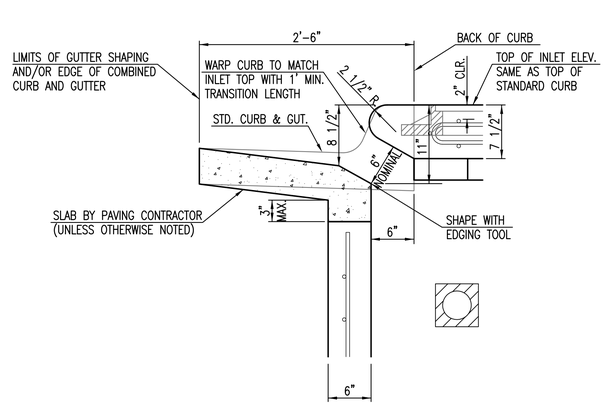


SECTION "C-C"

NOTES:
* SLOPE OF INLET TOP TO MATCH SIDEWALK OR PARKING SLOPES WITHIN LIMITS INDICATED.



SECTION "B-B"



SECTION "D-D"

CITY OF WICHITA
PUBLIC WORKS & UTILITIES
ENGINEERING DIVISION

STANDARD TYPE 1
CURB INLET
5'-0" OR 10'-0" OPENING

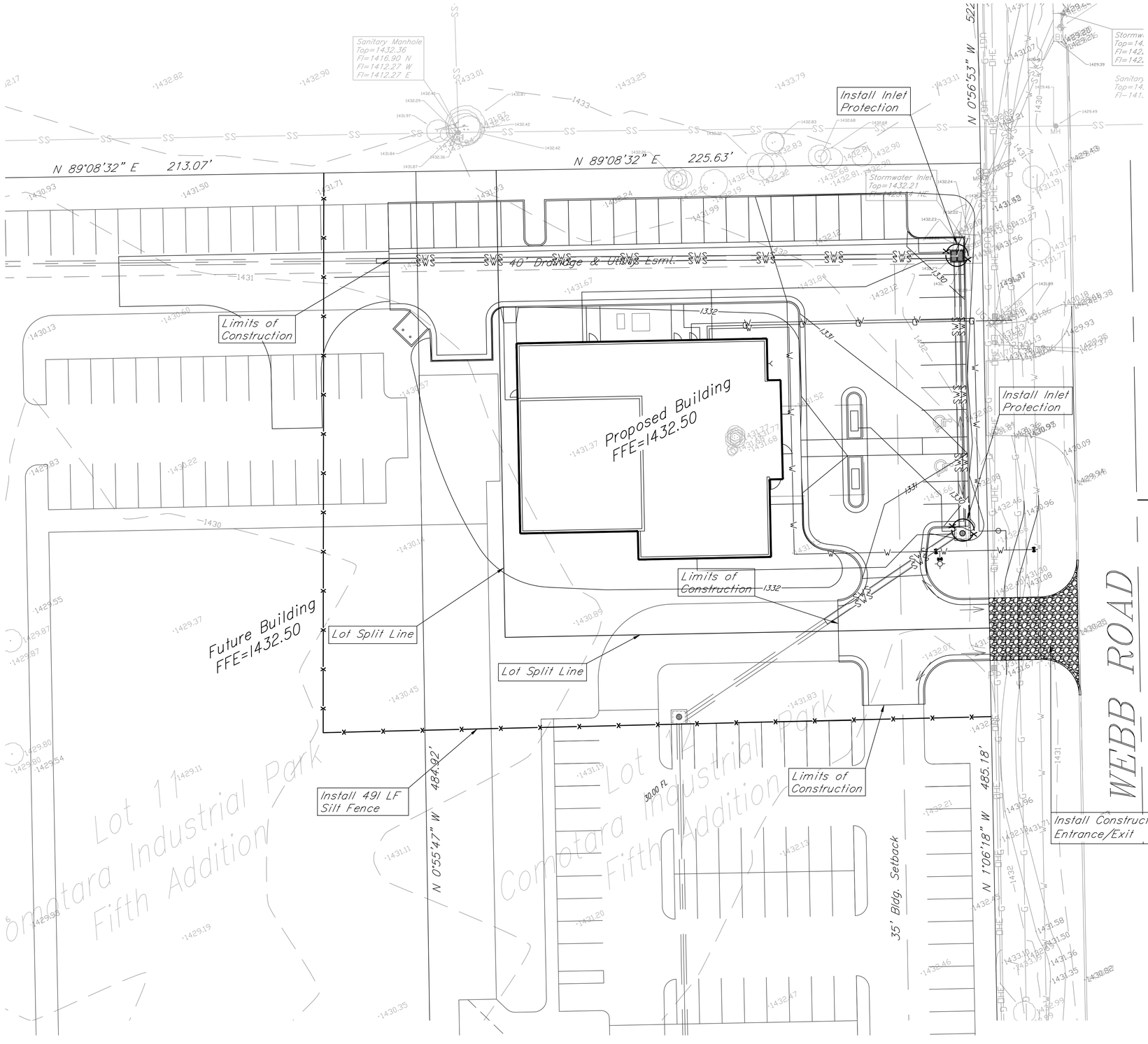
CITY ENGINEER
GARY JANZEN, P.E.

PROJECT NUMBER	OCA NUMBER	DATE
		11/2010

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

SHEET
6.1

SW-101



General Notes:

1. *The BMP's shown on this sheet are considered minimum standards. Whenever sediment enters the streets, storm sewers, ditches, or ponds, contractor will install additional BMP's, as needed, to correct the problem.*
2. *The soil erosion BMP's shown hereon must be in place at all times during construction until such time as the site is re-established with paving or grass.*
3. *Back of curb protection can include hay bale, silt fence, Curlex barrier, or approved alternate as shown on BMP standard details. This BMP must remain in place until the area between the curb and right-of-way line has been permanently stabilized.*
4. *The General Contractor is responsible for the installation and maintenance per the prevention maintenance plan.*
5. *Concrete trucks will be permitted to wash out only at approved locations. then maintain and clean up as conditions require, by contractor. No hazardous materials are expected to be encountered. Any spills (diesel, fuel, oil, etc.) will be cleaned up and removed immediately. Portable toilets will be supplied and maintained at various sites along the project. Disposal of sewage will be handled by a contracting firm specializing in this activity.*
6. *The above mentioned storm water prevention methods will be monitored daily and maintained as required. A weekly erosion control log will be posted in the job trailer onsite, and updated weekly. Site inspections are required within 24 hours after a precipitation event of 0.5" or greater.*

LEGEND:

- *Flow Direction*
- *Inlet Protection - to be provided at all inlets subject to silt laden runoff.*
- *Ditch Check*
- *Temporary Seeding and Mating.*
- *Silt Fence or Hay Bale Barrier - to be installed along property lines where runoff from construction site can run onto other properties.*
- *Stabilized Construction Entrance - to be used at all locations where vehicles or equipment enter or exit property.*
- *Back of Curb Protection - to be installed whenever curb is backfilled to less than 3 inches from top and disturbed earth exists adjacent thereto. (See City Standard Details.)*

Benchmark
City of Wichita Disc approximately 9' west pf siren pole and 3' north of curb on the northwest corner of 34th Street and Webb Road.
Elevation=1432.09 NAVD88

KIRK E. MILLER LICENSED 11283 KANSAS PROFESSIONAL ENGINEER

DATE: 03.30.2015
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

20 0 10 20 40 80
HORIZONTAL SCALE
(IN FEET)
1 inch = 20 ft.

KEMILLER ENGINEERING PA
117 E. Lewis, Wichita, KS 67202 (316)264-0242

WDM ARCHITECTS
WDM Architects P.A.
105 North Washington
Wichita, KS 67202-2815
T 316.262.4700
F 316.262.0002
wdmarchitects.com
we do more

Outpatient Cath Lab Shell Building
Heartland Cardiology

Wichita, Kansas

PRINTS ISSUED
11-05-14 Shell Bldg for Tenant Finish
01-12-15 For Bidding
03-02-15 Conditional Permit
3-30-15 For Construction

WDM No. **14089** drawn: rlf checked: rlm

Erosion Control Plan

C7.0

Owner

3/30/2015 1:17:18 PM

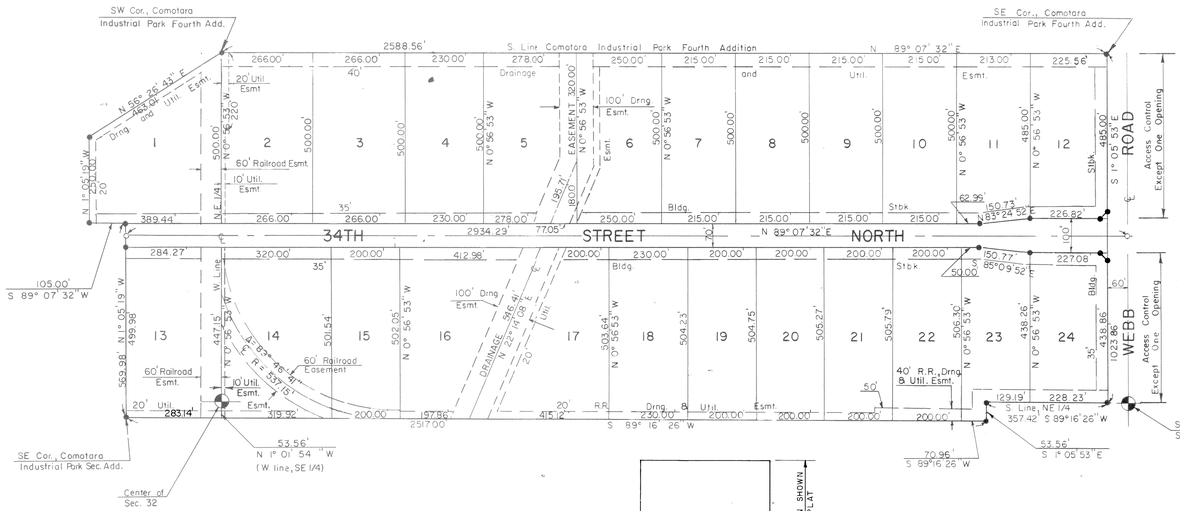
S:\Projects\14000\14178 Heartland Cardiology\PRO\Sht_7_0 Erosion Control Plan-20 Scale.dwg

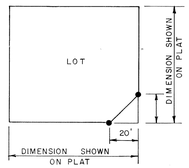
91-2 1-H

FINAL PLAT OF
COMOTARA INDUSTRIAL PARK FIFTH ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

SCALE: 1"=200'





TYPICAL INTERSECTION RIGHT OF WAY DETAILS

#419909

This plat approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Sedgwick County, Kansas this 5th day of December, 1978.

Everett P. Patrick, Chairman

Ben Scott, Commissioner

John Dove, Commissioner

Attest: 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 10:30 AM on the 21ST day of DECEMBER 1978.

Bette F. McCart, Register of Deeds

Pat Kettler, Deputy

This plat of "Comotara Industrial Park Fifth Addition" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 26th day of October, 1978.

Wichita-Sedgwick County Metropolitan Area Planning Commission

Jerry Schroeder, Chairman

Robert A. Baker, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas this 5TH day of DECEMBER, 1978.

Carole A. Peters, Mayor

Donald C. Gasick, City Clerk

Entered on transfer record this 21 day of December, 1978.

Dorothy K. White, County Clerk

I, Steven E. Anderson, a Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "Comotara Industrial Park Fifth Addition to Wichita, Sedgwick County, Kansas into lots and a street, the same being accurately set forth in the accompanying plat and described as follows:

A replat of a portion of Block 4, Comotara Business Park Addition to Wichita, Sedgwick County, Kansas located in Section 32, T 26 S, R 2 E of the 6th P.M., more accurately described as follows:

Beginning at the southeast corner of Comotara Industrial Park Fourth Addition, an addition to Wichita, Sedgwick County, Kansas; thence along the west line of Webb Road bearing S 1° 05' 55" E, 1023.86 feet to the south line of the northeast quarter of said Section 32; thence along said south line bearing S 89° 16' 26" W, 357.42 feet; thence S 1° 05' 53" E, 53.56 feet; thence S 89° 16' 26" W, 201.00 feet to the southeast corner of Comotara Industrial Park Second Addition, an addition to Wichita, Sedgwick County, Kansas; thence N 1° 05' 19" W, 569.38 feet; thence S 89° 07' 32" W, 105.00 feet; thence N 1° 05' 19" W, 257.00 feet; thence N 56° 26' 43" E, 463.01 feet to the southwest corner of Comotara Industrial Park Fourth Addition; thence along the south line of Comotara Industrial Park Fourth Addition bearing N 89° 07' 32" E, 2588.56 feet to the point of beginning, containing ±0.49 acres, more or less.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 22nd day of November, 1978.

Steven E. Anderson
Steven E. Anderson
Van Doren-Hazard-Stallings
250 N. Rock Road Suite 250
Wichita, Kansas 67206

Know all men by these presents that we the undersigned owners of a portion of the land as above set forth in the Land Surveyor's Certificate, have caused the same to surveyed and platted into lots and a street, the same to be known as "Comotara Industrial Park Fifth Addition" to Wichita, Sedgwick County, Kansas. The street is hereby dedicated to and for the use of the public. Easements for a railroad and the construction and maintenance of public utilities and drainage, as indicated on the accompanying plat are hereby granted.

Resico Investment

By: Terrence J. Scanlon, Partner

STATE OF KANSAS, COUNTY OF SEDGWICK, ss:

Be it remembered that on this 21st day of November, 1978 before me, a Notary Public in and for said State and County, came the Wichita Development Company, by Robert R. Fox, attorney in fact for Wichita Development Company, to me personally known to be the same person 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.

Carolyn R. Owen, Notary Public

Carolyn R. Owen

My Appointment Expires: My Appointment Expires May 17, 1981

Know all men by these presents that we the undersigned owners of a portion of the land as above set forth in the Land Surveyor's Certificate, have caused the same to be surveyed and platted into lots and a street, the same to be known as "Comotara Industrial Park Fifth Addition" to Wichita, Sedgwick County, Kansas. The street is hereby dedicated to and for the use of the public. Easements for a railroad and the construction and maintenance of public utilities and drainage, as indicated on the accompanying plat are hereby granted. All southern rights of access over and across the west line of Webb Road are hereby granted to the City of Wichita, provided, however, that Lots 12 and 24 shall each have access to Webb Road at one location to be determined by the City Engineer of Wichita, Kansas.

Wichita Development Company

By: Robert R. Fox
Attorney in fact for Wichita Development Company

STATE OF KANSAS, COUNTY OF SEDGWICK, ss:

Be it remembered that on this 21st day of November, 1978 before me, a Notary Public in and for said State and County, came the Wichita Development Company, by Robert R. Fox, attorney in fact for Wichita Development Company, to me personally known to be the same person 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.

Carolyn R. Owen, Notary Public

Carolyn R. Owen

My Appointment Expires: My Appointment Expires May 17, 1981

We The Fourth National Bank and Trust Company, Wichita, Kansas, mortgagees on Lots 2 through 5 inclusive within the above described property do hereby consent to the plat of "Comotara Industrial Park Fifth Addition".

The Fourth National Bank and Trust Company, Wichita, Kansas

By: J. D. Newman, Vice President

STATE OF KANSAS, COUNTY OF SEDGWICK, ss:

Be it remembered on this 27th day of November, 1978, before me, a Notary Public in and for said State and County, came The Fourth National Bank and Trust Company, Wichita, Kansas, by J. D. Newman, Vice President for the Fourth National Bank and Trust Company, to me personally known to be the same person 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.

Nancy Hilton, Notary Public

NANCY HILTON
My Appointment Expires: 9-12-82

NANCY HILTON
STATE NOTARY PUBLIC
Sedgwick County, Kansas
My Appt. Exp. 9-12-82

We the Citibank, N.A., New York City, New York, mortgagees on the above described property do hereby consent to the plat of "Comotara Industrial Park Fifth Addition".

The Citibank, N.A., New York, New York.

By: Robert R. Fox
Attorney in fact for Citibank, N.A.

STATE OF KANSAS, COUNTY OF SEDGWICK, ss:

Be it remembered on this 21st day of November, 1978, before me, a Notary Public in and for said State and County, came the Citibank, N.A., New York City, New York, by Robert R. Fox, attorney in fact for Citibank, N.A., to me personally known to be the same person 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.

Carolyn R. Owen, Notary Public

Carolyn R. Owen

My Appointment Expires: My Appointment Expires May 17, 1981

The Boeing Wichita Company, a division of Boeing Company, lessee of Lots 2 through 5 inclusive within the above described property do hereby consent to the plat of "Comotara Industrial Park Fifth Addition".

Boeing Wichita Company, a division of Boeing

By: E. B. Rohrahn
E. B. Rohrahn
Director of Legal Department

STATE OF KANSAS, COUNTY OF SEDGWICK, ss:

Be it remembered on this 22nd day of November, 1978, before me, a Notary Public in and for said State and County, came the Boeing Wichita Company, a division of Boeing Company, by E. B. Rohrahn, Director of Legal Department for the Boeing Wichita Company, to me personally known to be the same person 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.

Martha G. Hanson, Notary Public

MARTHA G. HANSON
My Appointment Expires: May 24, 1980

1-H 7-16

8.0