

GENERAL NOTES:

1. ALL ELEVATIONS SHOWN ARE BASED ON CITY OF WICHITA DATUM (MEAN SEA LEVEL ELEV. -1187.4-CITY DATUM).
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT(48)HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE CALL	687-2470
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:	
CABLEVISION	262-4270 OR 263-2061
KGAZ-GAS	263-7511
KGAZ-ELECTRIC	264-1141
PEOPLES NATURAL GAS	942-8811
SOUTHWESTERN BELL TELEPHONE	1-571-2811
CITY OF WICHITA WATER DEPARTMENT	268-4908

THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED ACROSS AND/OR ADJACENT TO PIPELINES.

3. THE CONTRACTOR SHALL NOT START WORK ON THE PROJECT UNTIL THE PROJECT INSPECTOR IS ASSIGNED TO THE PROJECT AND IS PRESENT ON THE SITE. ANY WORK DONE WITHOUT INSPECTION WILL BE REQUIRED TO BE UNCOVERED FOR INSPECTION.

4. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ADJOINING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN(10)DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

5. 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.

6. THE CONTRACTOR SHALL RESTORE ALL DITCHES, SWALES, ROAD SHOULDERS, ENTRANCES AND BANK LINES TO THEIR ORIGINAL SLOPES AND GRADES EXCEPT AS SHOWN OTHERWISE.

7. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED, EXCEPT WHEN SUCH SAW CUTS ARE WITHIN THREE(3)FEET OF AN EXISTING JOINT. THE LIMITS OR REMOVAL SHALL BE EXTENDED TO THE EXISTING JOINT. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.

8. PAVEMENT REMOVAL AND/OR REPLACEMENT WILL BE MEASURED AND PAID FOR ON THE LINEAL FOOT BASIS AS MEASURED ALONG THE CENTERLINE OF THE WATER LINE REGARDLESS OF WIDTH, PAVEMENT TYPE AND/OR PAVEMENT THICKNESS. MINIMUM LIMITS OF SUCH PAVEMENT REMOVAL AND REPLACEMENT SHALL BE ONE FOOT BEYOND THE LIMITS OF THE EXCAVATION MADE FOR THE WATER LINE OR THE STRUCTURE, EXCEPT WHEN SUCH SAW CUTS ARE WITHIN THREE(3) FEET OF AN EXISTING JOINT. THE LIMITS OF REMOVAL SHALL BE EXTENDED TO THE EXISTING JOINT. REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS.

9. INTERURBAN TRAFFIC GENERATED OUTSIDE THE PROJECT AREA SHALL NOT BE CARRIED THROUGH CONSTRUCTION. LOCAL RESIDENTIAL TRAFFIC GENERATED WITHIN THE PROJECT AREA SHALL BE CARRIED THROUGH CONSTRUCTION AS FURTHER PROMULGATED BY PROJECT SPECIAL PROVISIONS.

10. UNDERGROUND UTILITY SERVICE LINES AND OVERHEAD UTILITY POLE LINES ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

11. 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 FLOODPLAIN 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.

12. PROPERTIES WITHIN THE PROJECT LIMITS MAY HAVE UNDERGROUND SPRINKLER SYSTEMS IN THE PUBLIC RIGHT-OF-WAY WHICH CONFLICT WITH NEW CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REMOVE SUCH IMPROVEMENTS SHOULD THEY NOT BE REMOVED BY THEIR OWNER AT THE TIME OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SALVAGE ALL SPRINKLER HEADS AND/OR VALVES AND GIVE SUCH MATERIAL TO THEIR OWNER. PORTIONS OF UNDERGROUND SPRINKLER SYSTEMS NOT IN CONFLICT WITH NEW CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND SHALL REMAIN IN PLACE. ALL WORK IN CONNECTION WITH UNDERGROUND SPRINKLER SYSTEMS SHALL BE CONSIDERED AS SUBSIDIARY TO THE CONTRACT PAY ITEMS OF WORK.

13. THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR OF THE NATURE FOR THE WORK TO BE COMPLETED.

STORM WATER SEWER IMPROVEMENTS

FOR

WEST WICHITA FAMILY PHYSICIANS

LOCATED AT 8200 W. CENTRAL

LOT 1, TYLER ACRES SIXTH ADDITION

WICHITA, KANSAS

CITY OF WICHITA PRIV. PROJ. NO. 1055 PPS(607861)

MIKE LINDEBAK, P.E., CITY ENGINEER

SEPTEMBER 2000

INDEX OF SHEETS

1. Title Sheet & General Notes
2. Site Plan
3. Plan/Profile
4. Plan/Profile
5. Inlet Details

BOOKED
4-5-01
D-504
MCG

BENCHMARK:
City of Wichita Benchmark disc- 52' North and
24' West of centerlines of Central & Woodchuck.
Elev = 154.05(City of Wichita Datum)

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

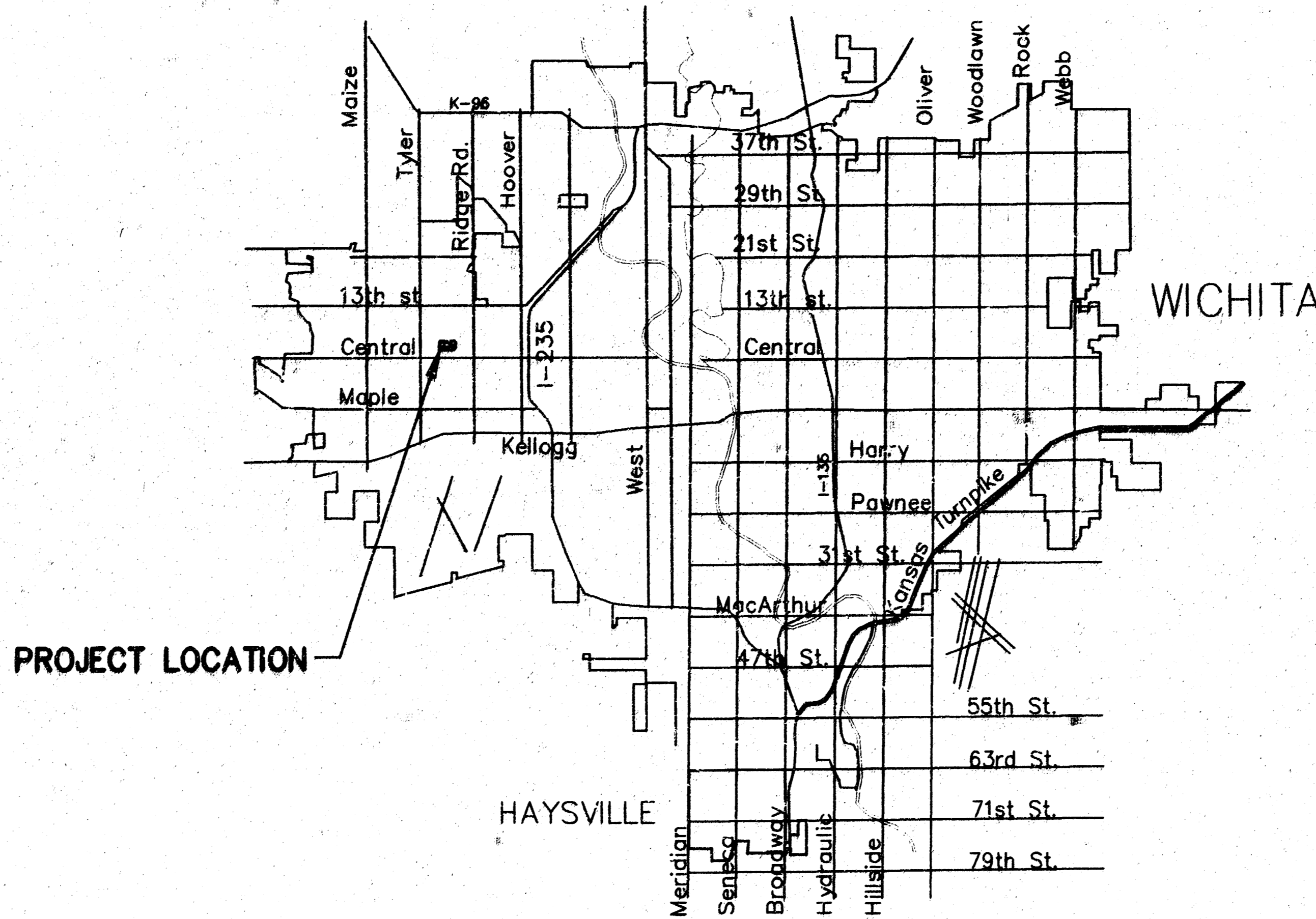
Sanitary Sewers	_____
Storm Sewers	URH 10/23/00
Driveway Approaches	_____
Water Mains	_____
Paving	_____

NOTE TO CONTRACTOR

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. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

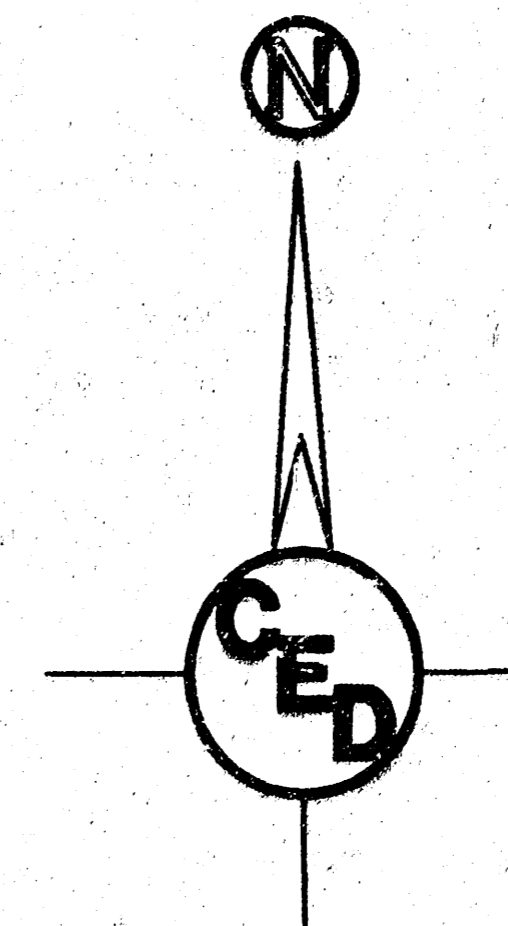
C.O.W. PROJ. NO.: 1055 PPS(607861)	
CERTIFIED ENGINEERING DESIGN	
GED	810 WEST DOUGLAS, SUITE C WICHITA, KANSAS 67203 PH: (316) 262-8808 FAX: (316) 262-1669
SHEET	1
TOTAL	5

As-Built 2-9-2001 HOF



LOCATION MAP

PROJECT LOCATION

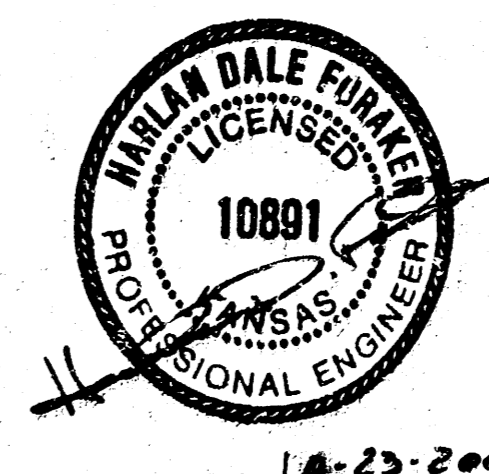


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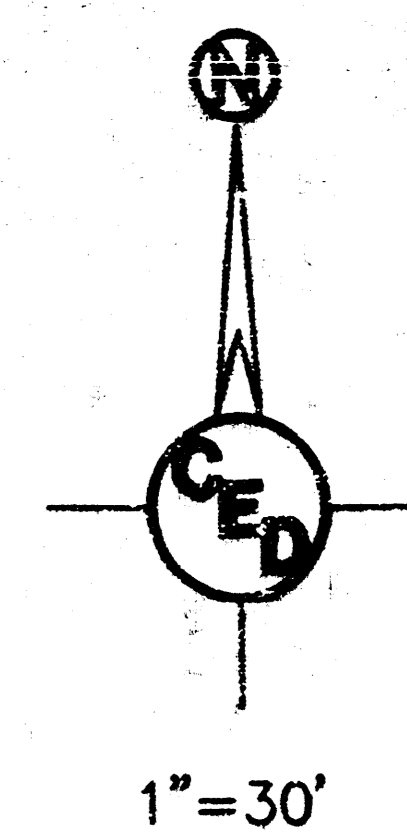
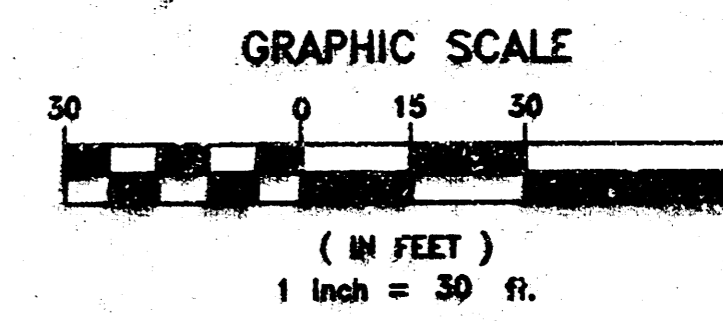
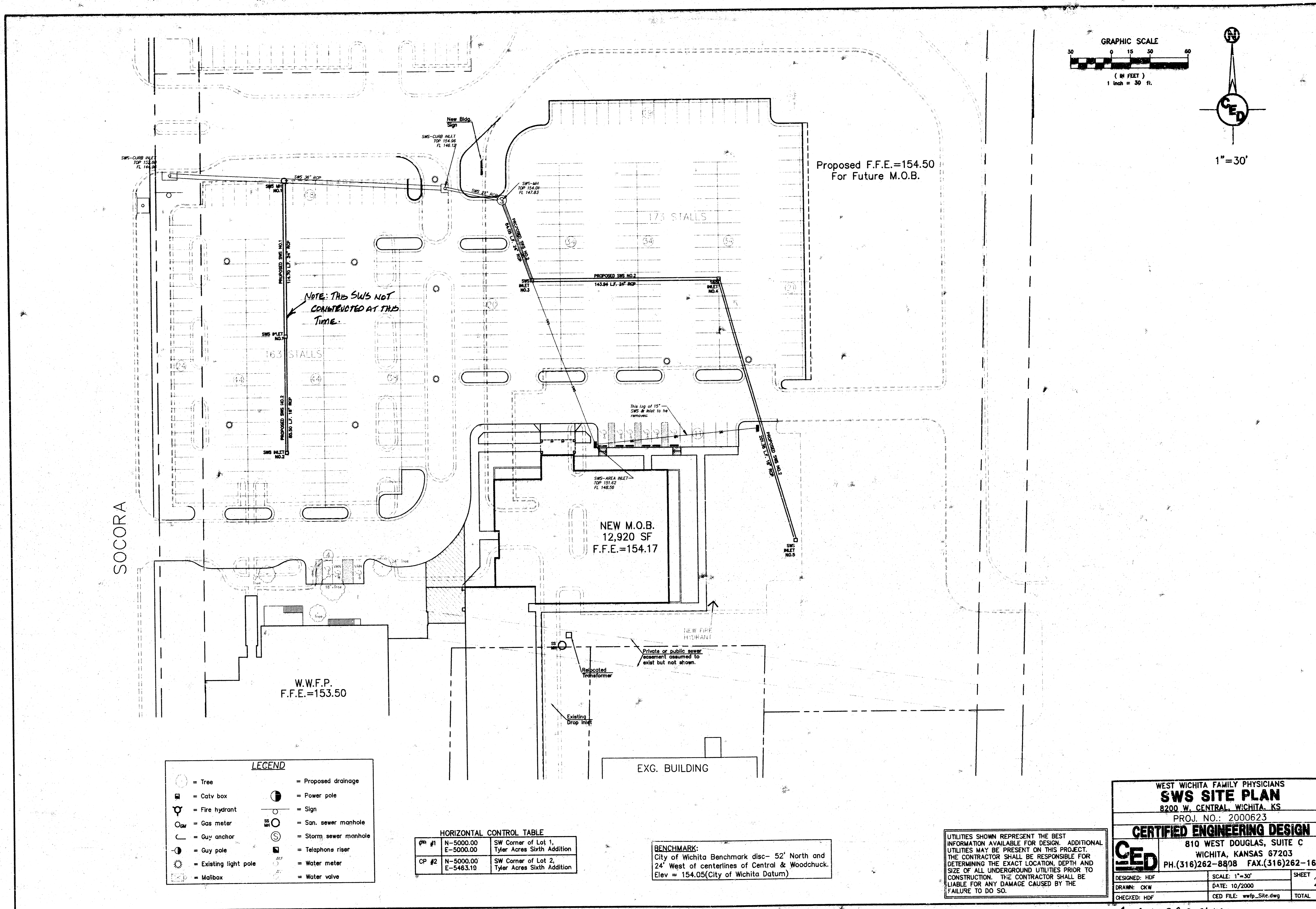
HORIZONTAL CONTROL TABLE

CP #1	N-5000.00 E-5000.00	SW Corner of Lot 1, Tyler Acres Sixth Addition
CP #2	N-5000.00 E-5463.19	SW Corner of Lot 2, Tyler Acres Sixth Addition

PROJECT LOCATED IN SW. 1/4 of
Sec. 16, T27S, R1W, WICHITA,
SEDGWICK COUNTY, KANSAS



10-23-2000



NOTE: THIS SWS NOT
 CONSTRUCTED AT THIS
 TIME.

LEGEND

	= Tree		= Proposed drainage
	= Catv box		= Power pole
	= Fire hydrant		= Sign
	= Gas meter		= San. sewer manhole
	= Guy anchor		= Storm sewer manhole
	= Existing light pole		= Telephone riser
	= Mailbox		= Water meter
			= Water valve

HORIZONTAL CONTROL TABLE

CP #1	N-5000.00 E-5000.00	SW Corner of Lot 1, Tyler Acres Sixth Addition
CP #2	N-5000.00 E-5463.19	SW Corner of Lot 2, Tyler Acres Sixth Addition

BENCHMARK:
 City of Wichita benchmark disc- 52' North and
 24' West of centerlines of Central & Woodchuck.
 Elev = 154.05(City of Wichita Datum)

UTILITIES SHOWN REPRESENT THE BEST
 INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL
 UTILITIES MAY BE PRESENT ON THIS PROJECT.
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR
 DETERMINING THE EXACT LOCATION, DEPTH AND
 SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO
 CONSTRUCTION. THE CONTRACTOR SHALL BE
 LIABLE FOR ANY DAMAGE CAUSED BY THE
 FAILURE TO DO SO.

WEST WICHITA FAMILY PHYSICIANS
SWS SITE PLAN
 8200 W. CENTRAL, WICHITA, KS
 PROJ. NO.: 2000623

CERTIFIED ENGINEERING DESIGN
 CED
 810 WEST DOUGLAS, SUITE C
 WICHITA, KANSAS 67203
 PH.(316)262-8808 FAX.(316)262-1669

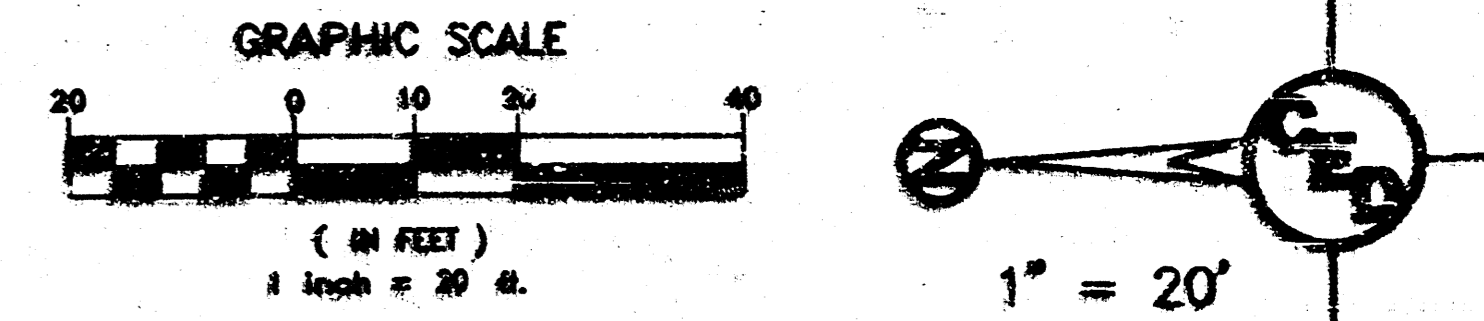
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CHECKED: HDF	CEG FILE: wwf_p_site.dwg	TOTAL 5

As-BUILT 2-9-2001 HOF

UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

HORIZONTAL CONTROL TABLE			
CP #1	N-5000.00 E-5000.00	SW Corner of Lot 1, Tyler Acres Sixth Addition	
CP #2	N-5000.00 E-5463.19	SW Corner of Lot 2, Tyler Acres Sixth Addition	

NOTE: THIS SWS NOT CONSTRUCTED AT THIS TIME. PLANNED FOR FUTURE CONSTRUCTION BUT NOT CONSTRUCTED AS OF 2-9-2001



EYE CLINIC OF WICHITA

SWS NO. 1, STA. 0+00.00
CONSTRUCT 4" DIA. MH 1
OVER EXIST. 36" RCP.
SEAL NEW 24" RCP TO MH
WALL WITH QUICKSET
HYDRAULIC CEMENT.
TOP ELEV. 153.31
145.54 FL IN 36"(E)
145.44 FL OUT 36"(W)
145.75 FL IN 24" (S)
N 5584.78
E 5100.09

INSTALL 114.70 LF.
24" RCP @ 0.20%

SWS NO. 1, STA. 1+14.70
CONSTRUCT STD. 2x4'
DROP INLET NO. 1
TOP ELEV. 150.04
SEAL NEW 24" & 18" RCP
TO INLET WALL WITH
QUICKSET HYDRAULIC
CEMENT.
146.51 FL OUT 24"(N)
N 5470.08
E 5100.09

INSTALL 85.50 LF.
18" RCP @ 0.30%

SWS NO. 2, STA. 2+00.20
CONSTRUCT STD. 2x4'
DROP INLET NO. 2
TOP ELEV. 149.03
SEAL NEW 18" RCP TO
INLET WALL WITH QUICKSET
HYDRAULIC CEMENT.
146.87 FL OUT 18"(N)
N 5384.58
E 5100.09

EXISTING SWS 36" RCP

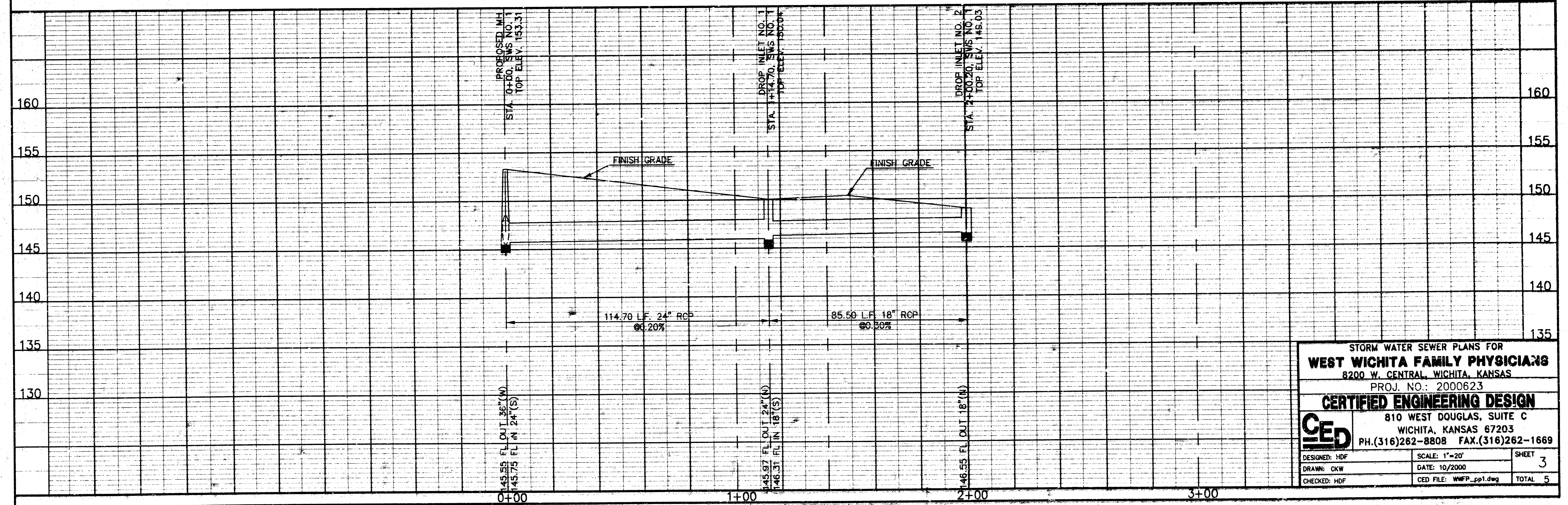
BRIDGE LINE

163 STALLS

W.W.F.P.

LEGEND	
(○)	= Tree
(⊙)	= Existing light pole
(⊗)	= Storm sewer manhole

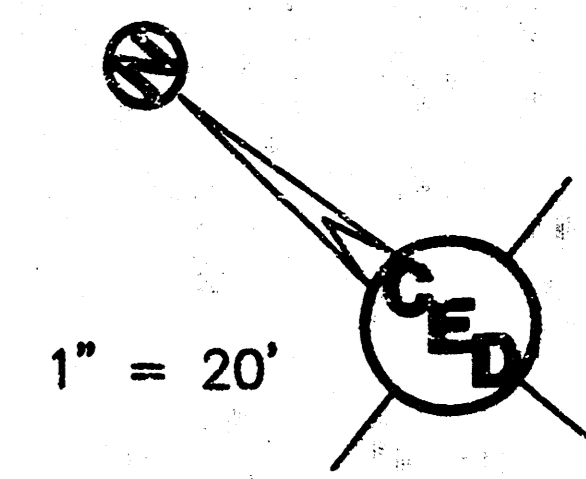
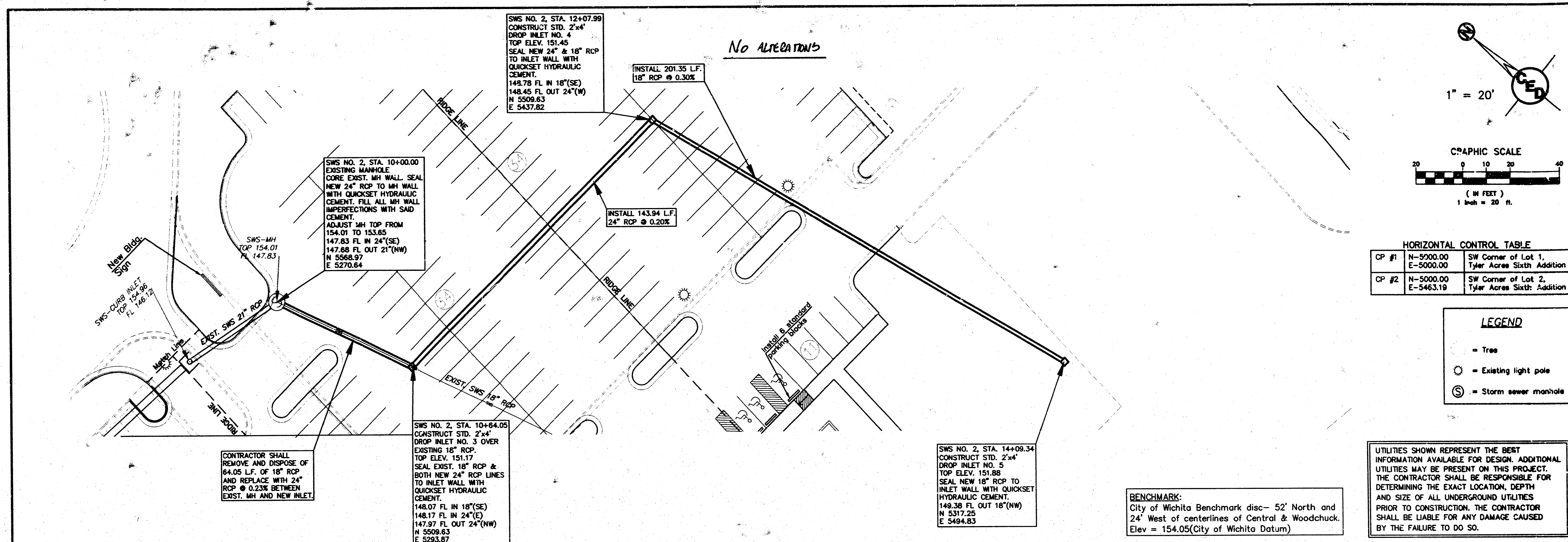
BENCHMARK:
City of Wichita Benchmark disc- 52' North and
24' West of centerlines of Central & Woodchuck.
Elev = 154.05(City of Wichita Datum)



STORM WATER SEWER PLANS FOR
WEST WICHITA FAMILY PHYSICIANS
8200 W. CENTRAL, WICHITA, KANSAS
PROJ. NO.: 2000623
CERTIFIED ENGINEERING DESIGN
810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH.(316)262-8808 FAX.(316)262-1669

DESIGNED: HDF	SCALE: 1"=20'	SHEET 3
DRAWN: OKW	DATE: 10/2000	TOTAL 5
CHECKED: HDF	CD FILE: WWP_pp1.dwg	

AS-BUILT 2-9-2001 HDF

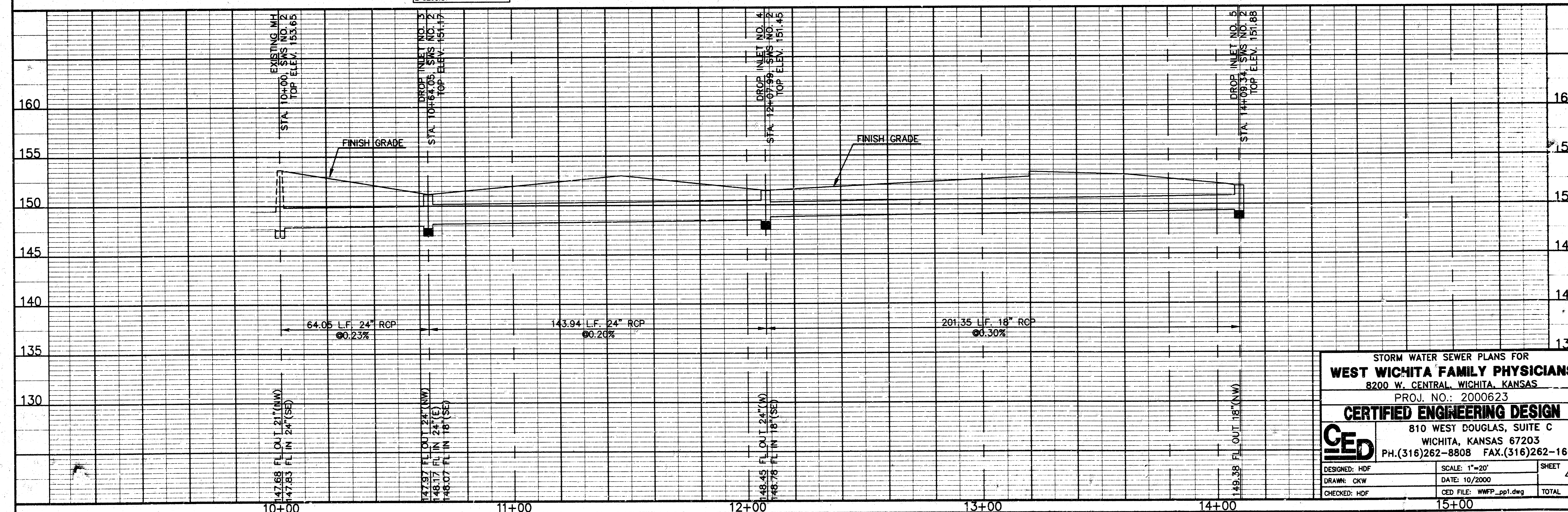


HORIZONTAL CONTROL TABLE

CP #1	N-5000.00 E-5000.00	SW Corner of Lot 1, Tyler Acres Sixth Addition
CP #2	N-5000.00 E-5463.19	SW Corner of Lot 2, Tyler Acres Sixth Addition

- LEGEND**
- = Tree
 - ⊙ = Existing light pole
 - ⊙ = Storm sewer manhole

UTILITIES SHOWN REPRESENT THE BEST INFORMATION AVAILABLE FOR DESIGN. ADDITIONAL UTILITIES MAY BE PRESENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY THE FAILURE TO DO SO.

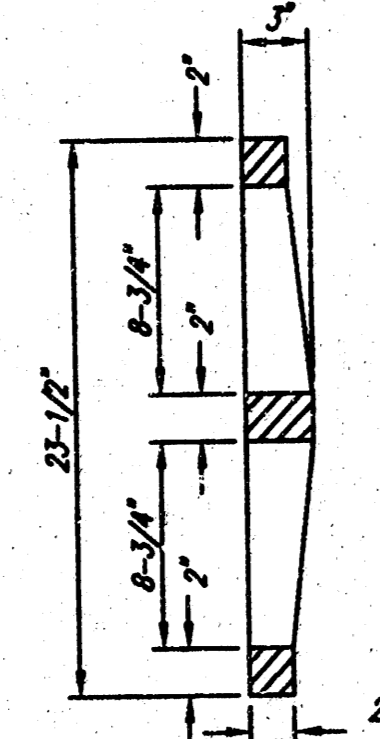
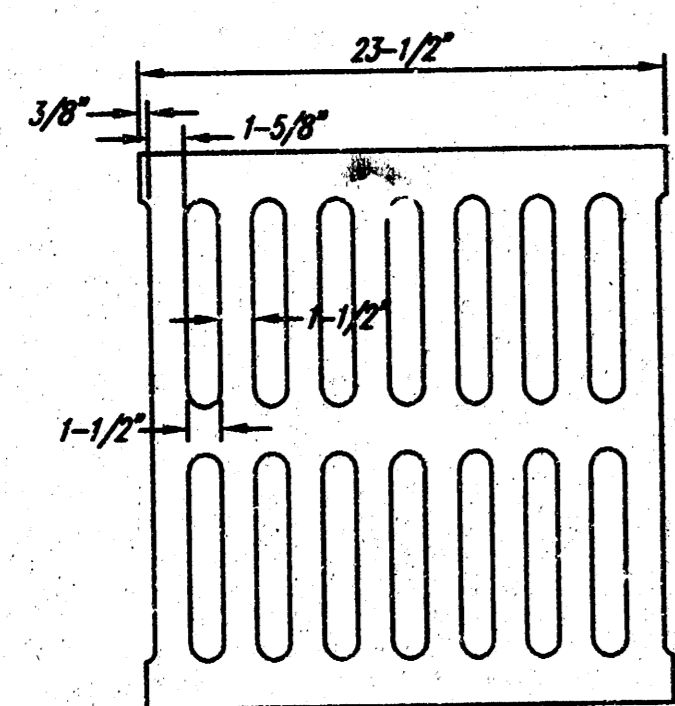
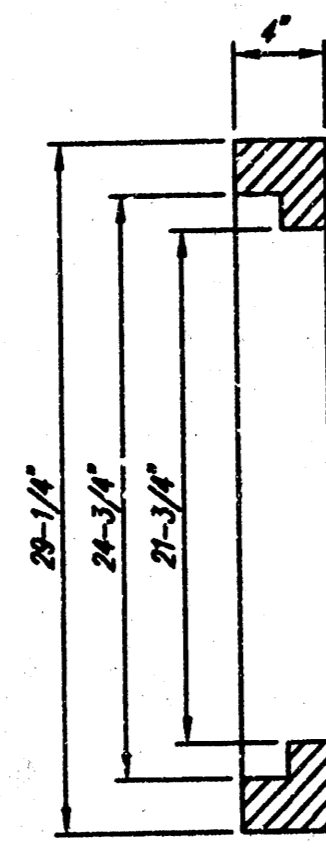
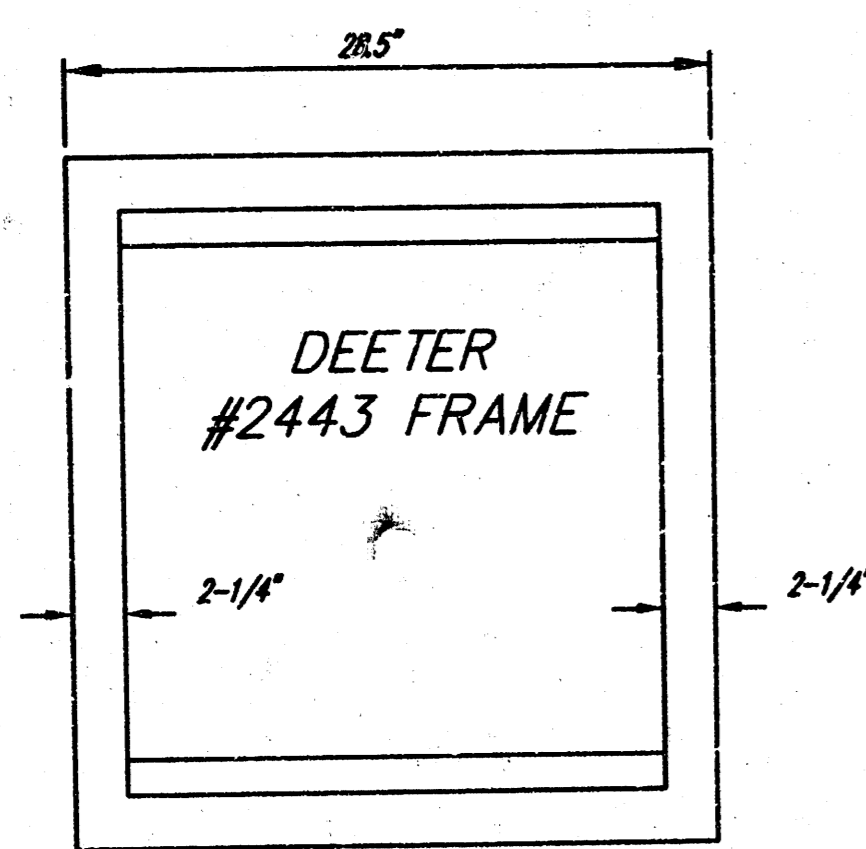


STORM WATER SEWER PLANS FOR
WEST WICHITA FAMILY PHYSICIANS
8200 W. CENTRAL, WICHITA, KANSAS
PROJ. NO.: 2000623

CERTIFIED ENGINEERING DESIGN
810 WEST DOUGLAS, SUITE C
WICHITA, KANSAS 67203
PH.(316)262-8808 FAX.(316)262-1669

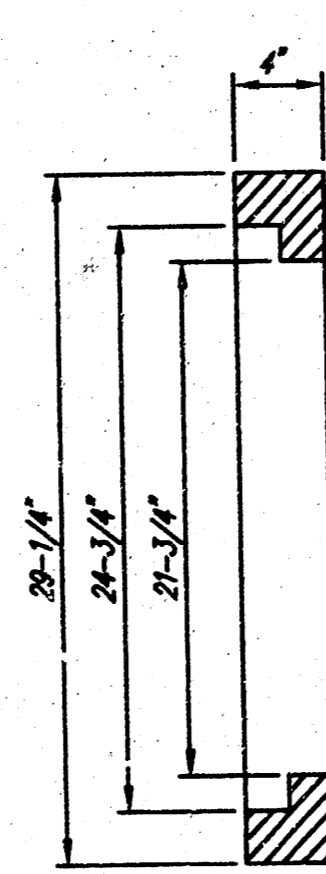
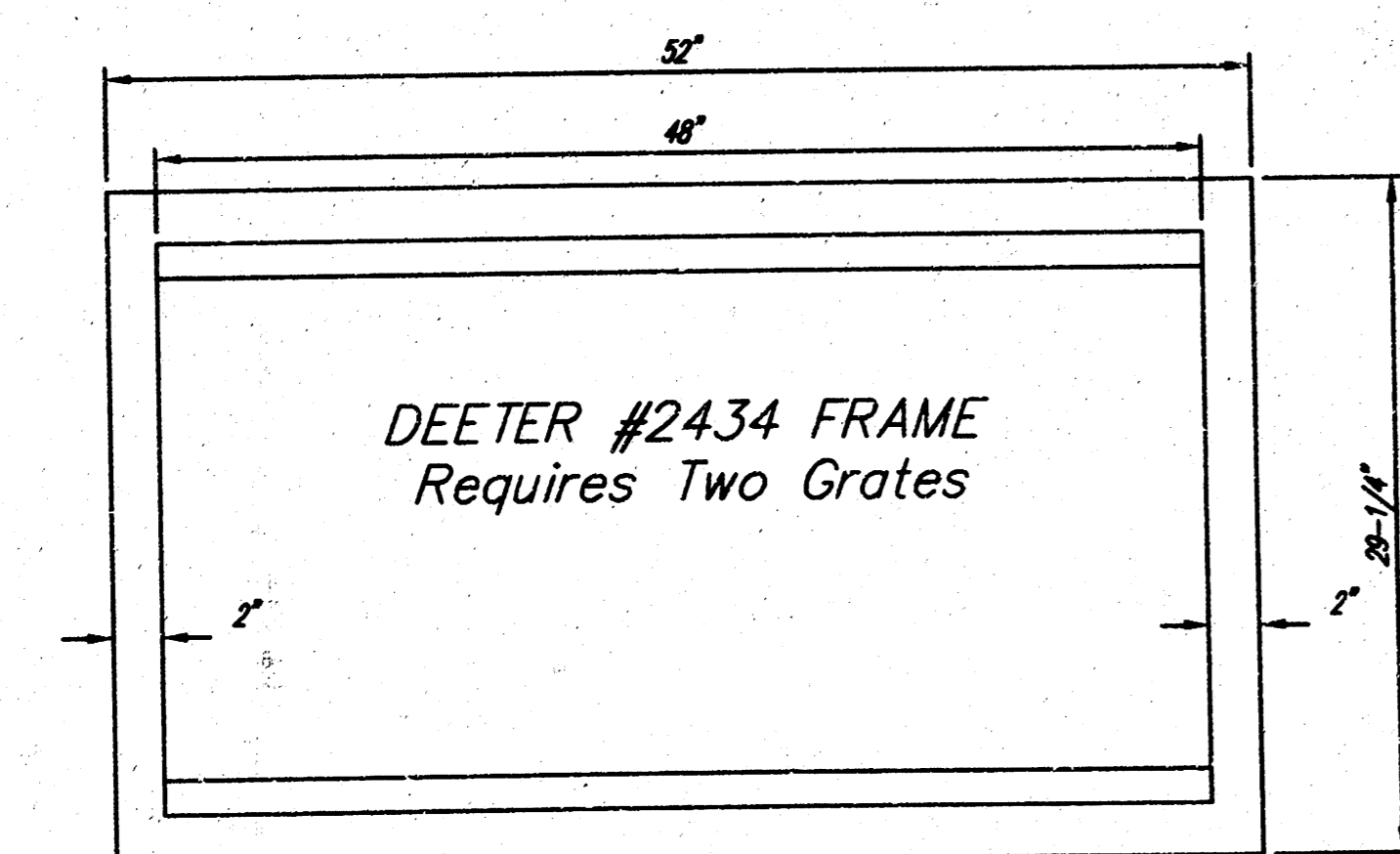
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DRAWN: CKW DATE: 10/2000
CHECKED: HDF CED FILE: WWFP_pp1.dwg TOTAL 5

As-Built 2-9-2001 HDF



DEETER #2433 GRATE

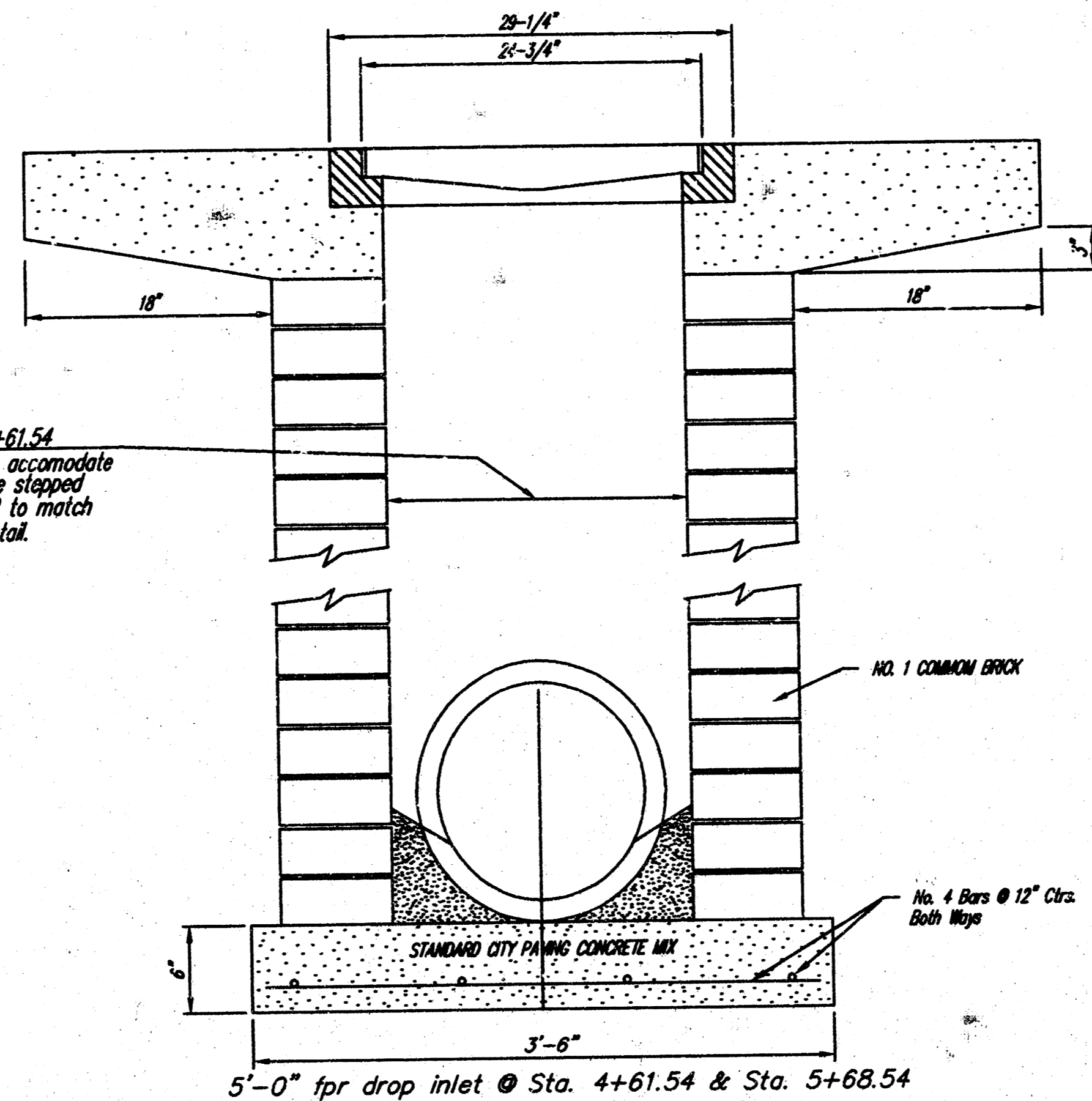
24" x 24" Frame and Grate Detail



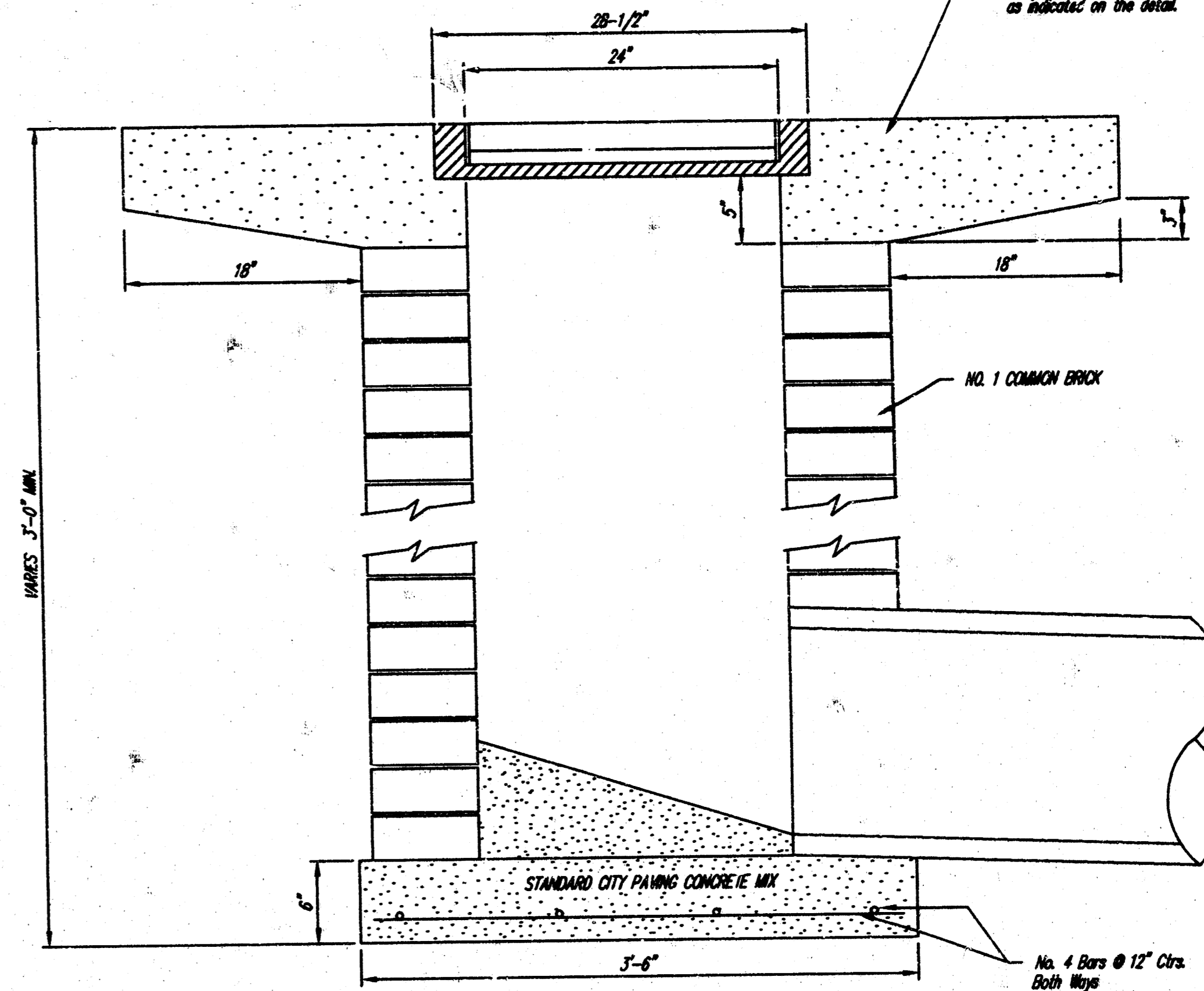
Double 24" x 24" Frame Detail

Inside width for drop inlet @ Sta. 4+61.54 & Sta. 5+68.54 shall be widened to accommodate the 30" RCP. Brick for walls shall be stepped inward from the top of the 30" RCP to match the inlet top width shown on this detail.

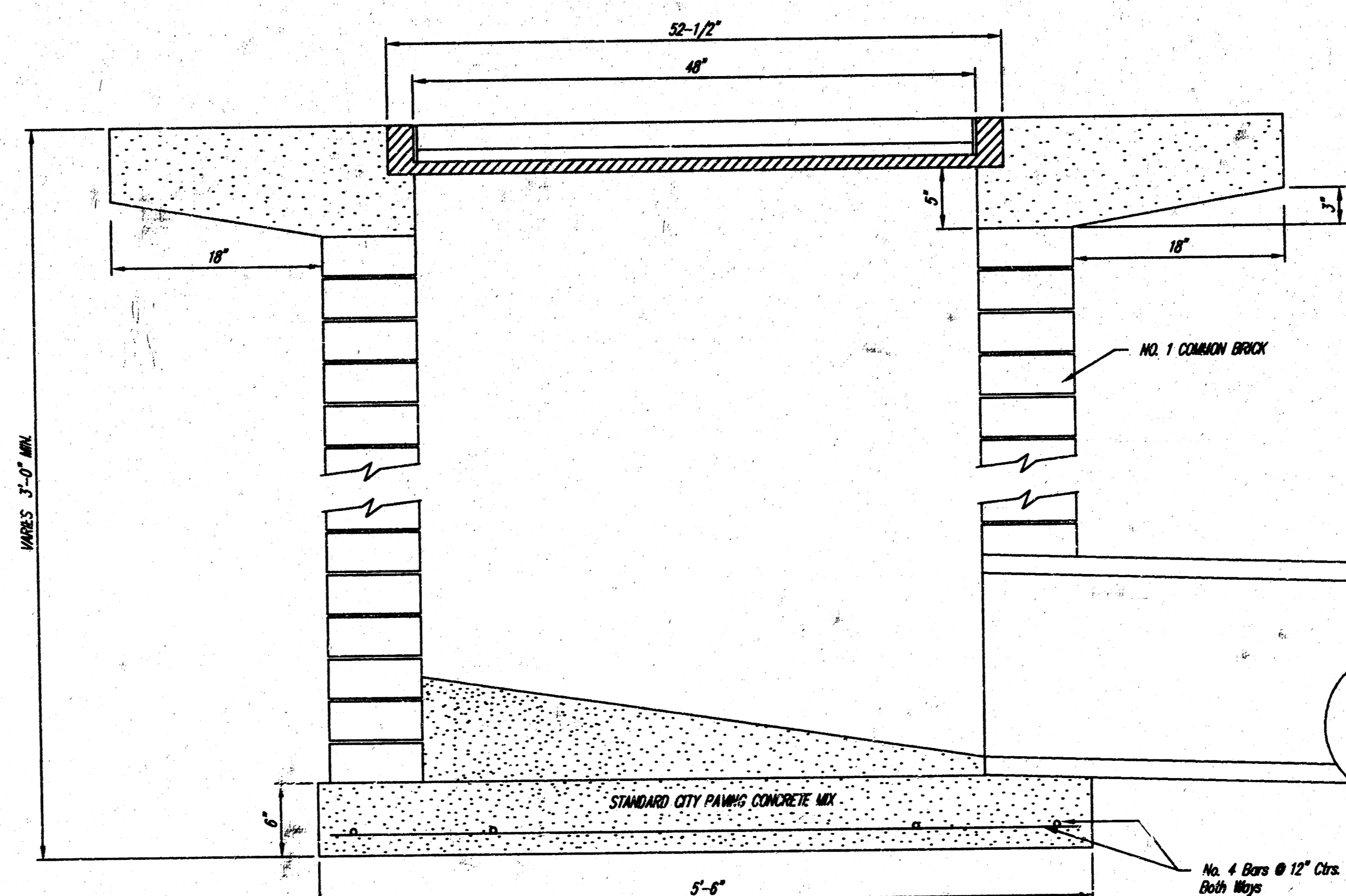
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters of least 1" in height. Other marking methods may be approved by the engineer.



5'-0" for drop inlet @ Sta. 4+61.54 & Sta. 5+68.54



Note: Concrete apron shall be constructed around the inlet when inlet is located in an unimproved area. Where the inlet is adjacent to pavement, the pavement thickness shall be tapered to the inlet in 10 inches as indicated on the detail.



AREA INLET DETAILS		
WEST WICHITA FAMILY PHYSICIANS		
8200 W. CENTRAL		
CED PROJ. NO.: 2000623		
CERTIFIED ENGINEERING DESIGN		
438 NORTH OHIO		
WICHITA, KANSAS 67214		
PH. (316)262-8808 FAX (316)262-0080		
DESIGNED: HDF	SCALE: NTS	SHEET 5
DRAWN: CKW	DATE: 8/2000	TOTAL 5
CHECKED: HDF	CED FILE: areainlet.dwg	

AS-BUILT 2-9-2001 HDF

13 03 04 13