STORM SEWER IMPROVEMENTS
FOR
INTEREX COMPUTER PRODUCTS
IN
LOT 2, EXCEPT THE WEST 207.56 FT.,
BLOCK 1, COMOTARA BUSINESS PARK
WICHITA, SEDGWICK COUNTY, KANSAS

CITY OF WICHITA PRIVATE PROJECT NO. 569 PPS(607861)

MIKE LINDEBAK, P.E., CITY ENGINEER

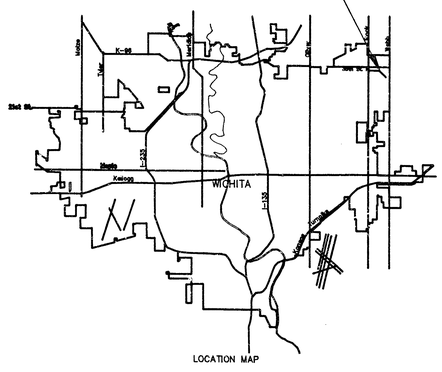
JUNE, 1995

N

CED

1" = 100'

Project Location



INDEX OF SHEETS

1. Title Sheet
2. Plan–Profile Sheet
3. Drop Inlet Detail

PROJECT LOCATED IN
COMOTARA BUSINESS PARK

HARLAN DALE FORAKER
LICENSED
10891
KANSAS
PROFESSIONAL ENGINEER
7-6-95

BOOKED
4-4-97
D-334
MCG

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 7/7/95
Driveway Approaches _____
Water Mains _____
Paving _____

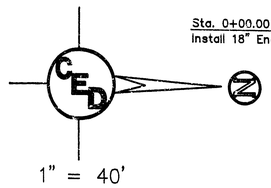
NOTE TO CONTRACTOR

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.

COW PRIVATE PROJ. NO. 569 PPS(607861)

CERTIFIED ENGINEERING DESIGN
CED
1330 E. FIRST, # 113
WICHITA, KANSAS 67214
(316) 262-8808

SHEET 1
TOTAL 3



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.

LEGEND

- W = WATER LINE
- SS = SANITARY SEWER
- Ⓢ = SANITARY SEWER MANHOLE
- G = GAS LINE
- GM = GAS METER
- TSB = TELEPHONE SPLICE BOX
- UT = UNDERGROUND TELEPHONE
- UE = UNDERGROUND ELECTRIC
- LP = LIGHT POLE
- Ⓘ = STORM WATER SEWER INLET
- BM = BENCHMARK
- ▯ = ELEC. TRANSFORMER
- 209.00 = EXISTING GRADE CONTOUR
- + 210.0 / 209.5 = PROPOSED SPOT ELEVATION
- = PROPOSED FINISHED GRADE CONTOUR

Benchmark:
"□" Cut on Top of Curb, Opposite PT Iron, Southerly side of 35th St. North
Elev. = 208.04 City Datum

Sta. 0+00.00
Install 18" End Section

Existing Iron Pin for Property Corner

Install 11 sq.yds. concrete bag rip-rap(10'x10' pad)

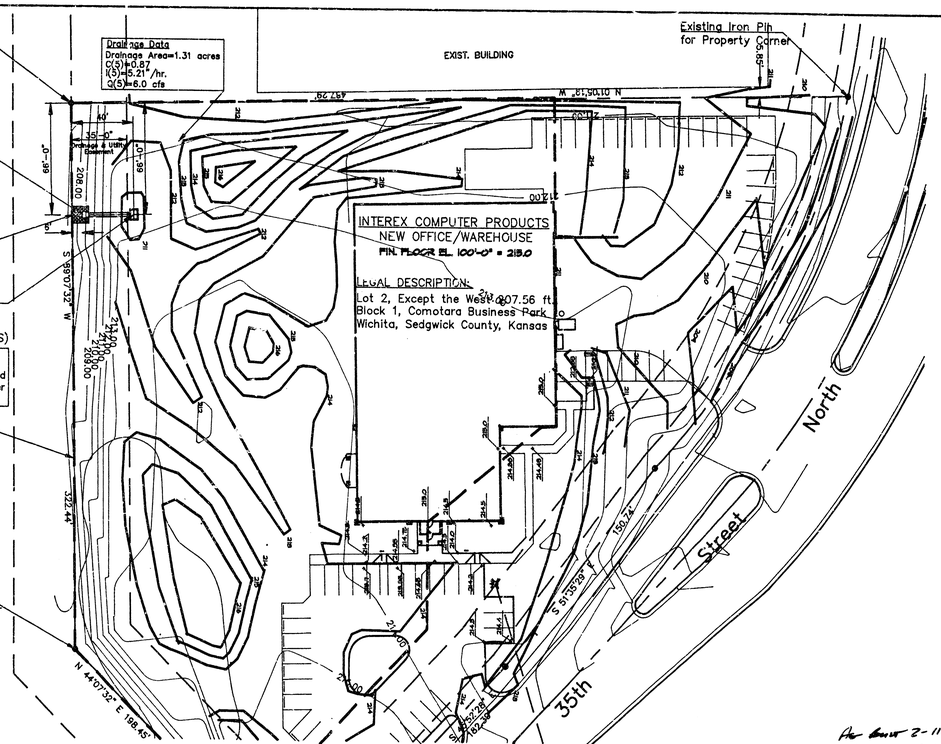
Sta. 0+33.00
Construct 2'x4' Area Inlet w/Deeter #2434 Frame & Grate
Install 18" Storm Sewer Outfall Pipe(S)

NOTE:
Contractor shall submit alternate cost estimates for Reinforced Concrete Pipe and Corrugated Metal Pipe for this storm sewer installation.

Drainage Boundary

Existing Iron Pin for Property Corner

Drainage Data
Drainage Area=1.31 acres
C(5)=0.87
I(5)=5.21"/hr.
Q(5)=6.0 cfs



GENERAL NOTES

1. UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS, ETCETERA ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OF 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 PLAN LOCATIONS ARE NOT GUARANTEED AND ADDITIONAL UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

2. 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.

3. 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 1-800-344-7233 OR 687-2470(LOCAL WICHITA)
THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE	1-671-2116
MULTIMEDIA CABLEVISION	262-0661
K.P.&L. GAS SERVICE COMPANY	283-7611
KANSAS GAS & ELECTRIC	264-1141
ARKLA GAS COMPANY	942-8360 OR 283-8161
CITY OF WICHITA WATER & SEWER	268-4908
CITY OF WICHITA SEWER	268-4071

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

4. PROPERTIES WITHIN THE PROJECT LIMITS MAY HAVE UNDERGROUND SPRINKLER SYSTEMS IN 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 SUBSIDIARY TO THE STORM SEWER 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 GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY DIRECTLY ABUTTING THE CONSTRUCTION OF THIS PROJECT A MINIMUM OF TEN(10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.

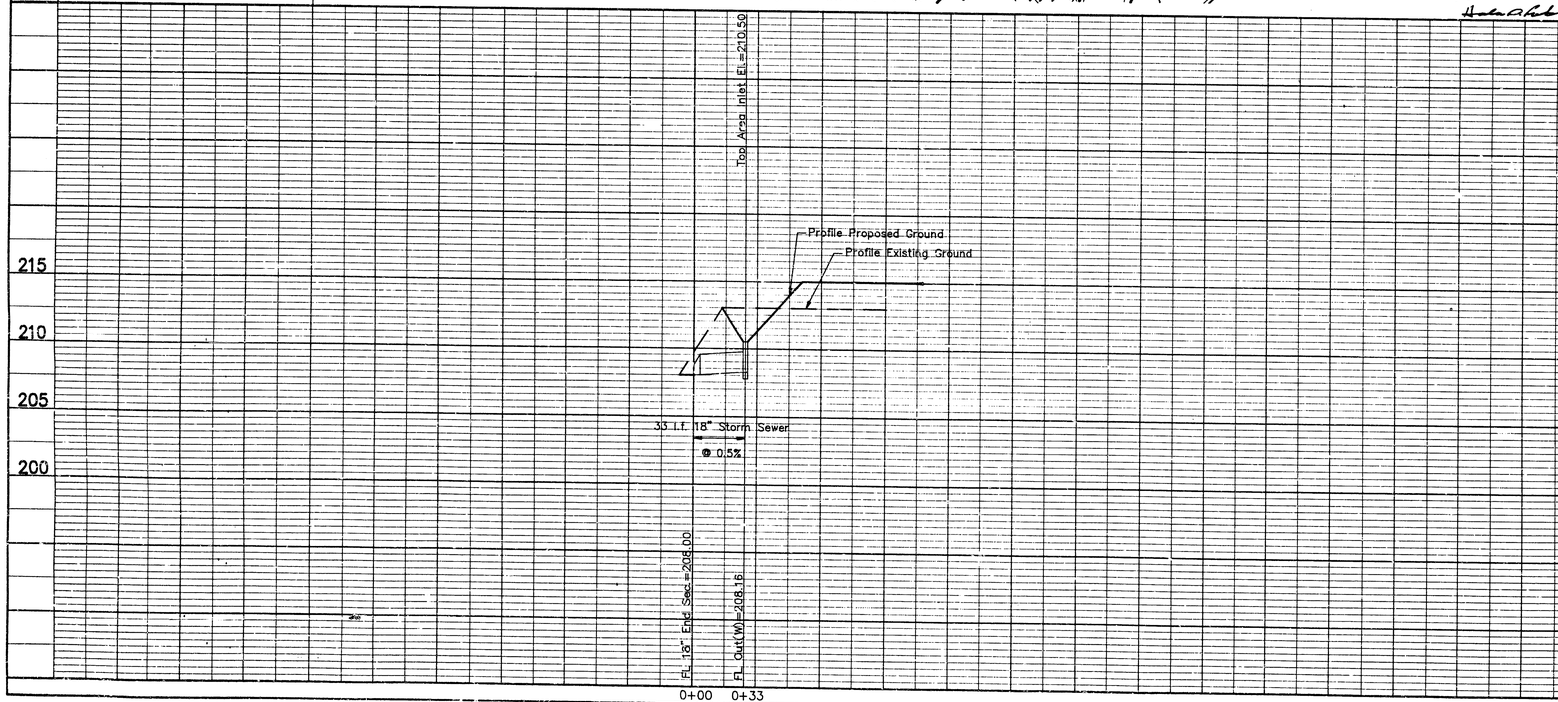
7. THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR OF THE NATURE OF THE WORK TO BE COMPLETED.

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

9. THE CONTRACTOR SHALL FERTILIZE, SEED AND MULCH ALL AREAS WHICH ARE DISTURBED AS A RESULT OF THIS PROJECT IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD SPECIFICATIONS. ALL COSTS TO BE SUBSIDIARY TO STORM SEWER CONSTRUCTION.

10. ALL CONSTRUCTION AND MATERIALS, UNLESS OTHERWISE NOTED, TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.

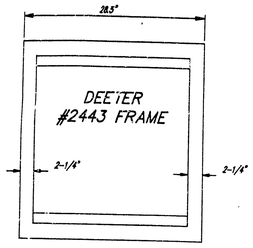
Per Email 2-11-97
Hala A Barakat

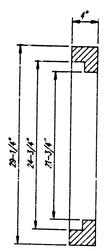


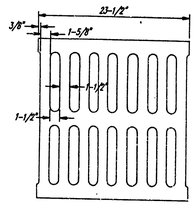
INTEREX COMPUTER PRODUCTS
STORM SEWER PLAN
LOT 2, BLK 1, COMOTARA BUSINESS PARK
COW PRIVATE PROJ. NO.: 569 PPS(607861)

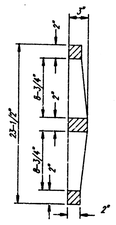
CERTIFIED ENGINEERING DESIGN
1930 E. FIRST, # 113
WICHITA, KANSAS 67214
(316) 262-3808

DESIGNED: HDF	SCALE: 1" = 40'	SHEET 2
DRAWN: HDF	DATE: 6-95	
CHECKED: HDF	CED FILE: INTRXPP1.DWG	TOTAL 3





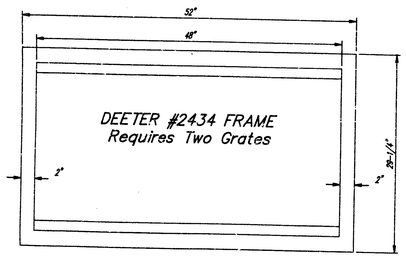


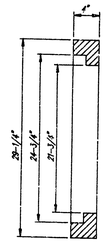


DEETER #2433 GRATE

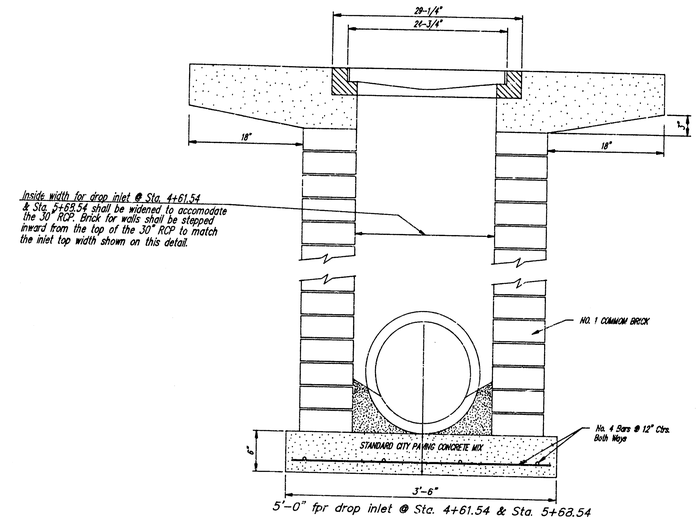
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.

24" x 24" Frame and Grate Detail

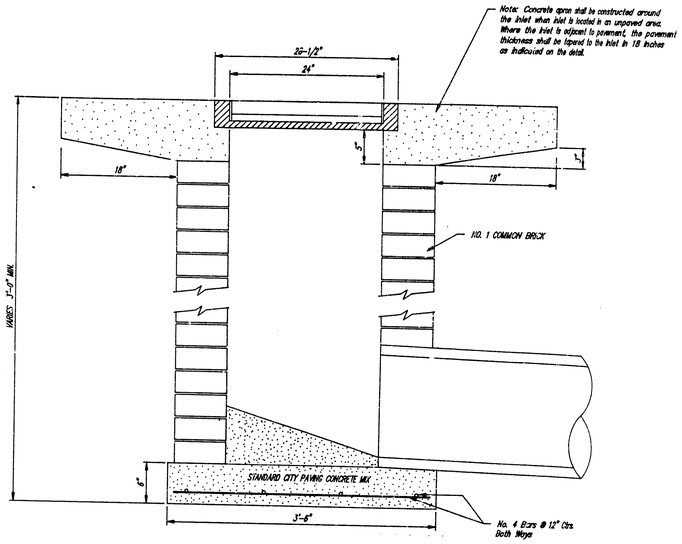


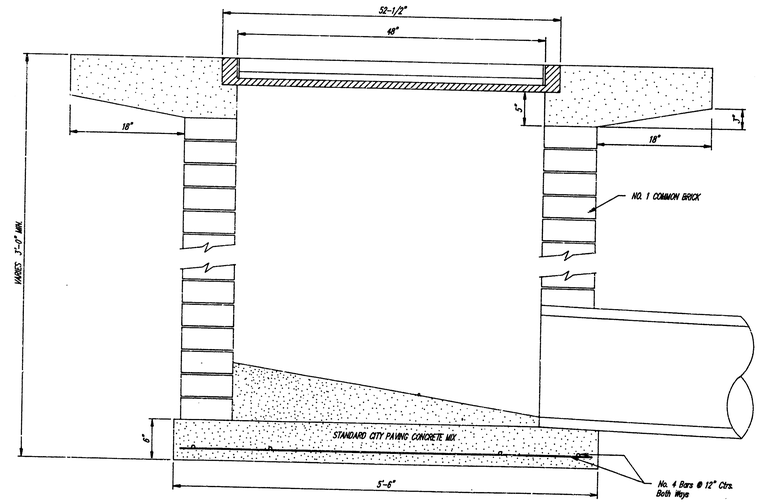


Double 24" x 24" Frame Detail



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





INTEREX COMPUTER PRODUCTS

AREA INLET

LOT 2, BLOCK 1, COMOTARA BUSINESS PARK

COW PROJ. NO.: 569 PPS(607861)

CERTIFIED ENGINEERING DESIGN

CED
1930 E. FIRST, # 119
WICHITA, KANSAS 67214
(316) 262-8808

DESIGNED: HDF	SCALE: NOTED	SHEET 3
DRAWN: HDF	DATE: 6-95	
CHECKED: HDF	CED FILE: AREAINLT.DWG	TOTAL 3

10-1-3-8