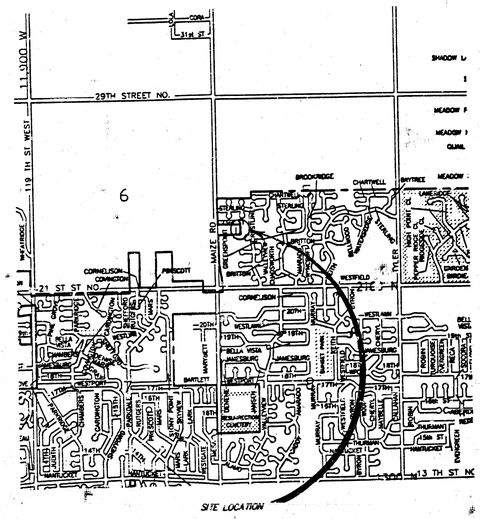
Private Storm Water Sewer Project

CHADSWORTH 2ND ADDITION

Project No. 490 PPS (607861)

CITY OF WICHITA, KANSAS

Michael E. Lindebak City Engineer



NORTH

GENERAL NOTES

1. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to 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
K.P.L. Gas Service Company	383-8650
Kansas Gas & Electric Company	383-8600
Arkla Gas Company	942-8350
Southwestern Bell Telephone Company	1-571-2611
City of Wichita Water Department	268-4908
City of Wichita Sewer Maintenance	268-4071

2. 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 law.

3. 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 the 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.

4. All areas disturbed by construction operations shall be seeded with rye grass immediately following construction in that area.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRH 8/23/94

NOTE TO CONTRACTORS

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 public right-of-way by the Contractor without such inspection nor shall any work be commenced without written authorization by the City Engineer.

Booked 3-24-95 MCS

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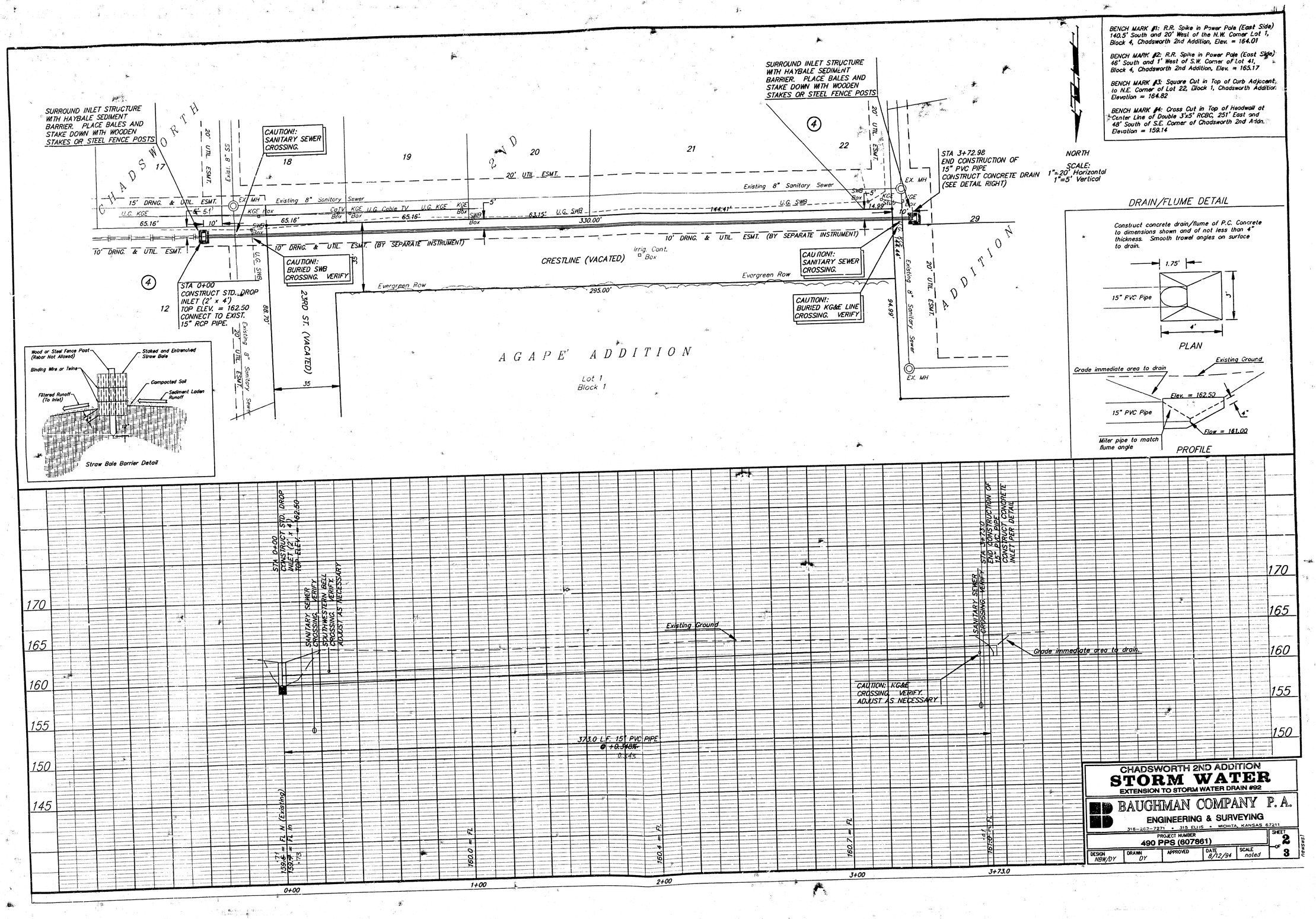
1. Title Sheet - Project Notes
2. Storm Sewer Plan/Profile
3. Drop Inlet Details

BRENT WOOTEN LICENSED 8470 PROFESSIONAL ENGINEER KANSAS

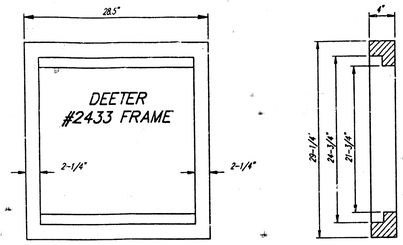
As Built 10-12-94

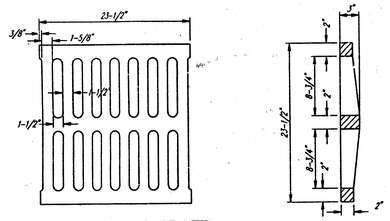
August 12, 1994

BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211



BENCH MARK #1: R.R. Spike in Power Pole (East Side) 140.5' South and 20' West of the N.W. Corner Lot 1, Block 4, Chadsworth 2nd Addition, Elev. = 164.01
BENCH MARK #2: R.R. Spike in Power Pole (East Side) 46' South and 1' West of S.W. Corner of Lot 41, Block 4, Chadsworth 2nd Addition, Elev. = 165.17
BENCH MARK #3: Square Cut in Top of Curb Adjacent to N.E. Corner of Lot 22, Block 1, Chadsworth Addition. Elevation = 164.82
BENCH MARK #4: Cross Cut in Top of Headwall at Center Line of Double 3'x5' RCBC, 251' East and 48' South of S.E. Corner of Chadsworth 2nd Addn. Elevation = 159.14
NORTH
SCALE: 1"=20' Horizontal 1"=5' Vertical
SURROUND INLET STRUCTURE WITH HAYBALE SEDIMENT BARRIER. PLACE BALES AND STAKE DOWN WITH WOODEN STAKES OR STEEL FENCE POSTS
CHADSWORTH 2ND ADDITION
CAUTION!: SANITARY SEWER CROSSING.
CAUTION!: BURIED SWB CROSSING. VERIFY
CAUTION!: SANITARY SEWER CROSSING.
CAUTION!: BURIED KG&E LINE CROSSING. VERIFY
STA 0+00 CONSTRUCT STD. DROP INLET (2' x 4') TOP ELEV. = 162.50 CONNECT TO EXIST. 15" RCP PIPE.
STA 3+72.98 END CONSTRUCTION OF 15" PVC PIPE CONSTRUCT CONCRETE DRAIN (SEE DETAIL RIGHT)
CRESTLINE (VACATED)
23RD ST. (VACATED)
AGAPE' ADDITION
Lot 1 Block 1
Existing 8" Sanitary Sewer
20' UTIL. ESMT.
15' DRNG. & UTIL. ESMT.
10' DRNG. & UTIL. ESMT. (BY SEPARATE INSTRUMENT)
Evergreen Row
Irrig. Cont. Box
Wood or Steel Fence Post (Rebar Not Allowed)
Staked and Entrenched Straw Bale
Binding Wire or Twine
Compacted Soil
Filtered Runoff (To Inlet)
Sediment Laden Runoff
Straw Bale Barrier Detail
DRAIN/FLUME DETAIL
Construct concrete drain/flume of P.C. Concrete to dimensions shown and of not less than 4" thickness. Smooth trowel angles on surface to drain.
1.75'
15" PVC Pipe
3'
4'
PLAN
Grade immediate area to drain
Existing Ground
Elev. = 162.50
15" PVC Pipe
Flow = 161.00
Miter pipe to match flume angle
PROFILE
STA 0+00 CONSTRUCT STD. DROP INLET (2' x 4') TOP ELEV. = 162.50
SANITARY SEWER CROSSING. VERIFY
SOUTHWESTERN BELL CROSSING. VERIFY. ADJUST AS NECESSARY
Existing Ground
SANITARY SEWER CROSSING. VERIFY
STA 3+73.0 END CONSTRUCTION OF 15" PVC PIPE CONSTRUCT CONCRETE INLET PER DETAIL
Grade immediate area to drain
CAUTION: KG&E CROSSING. VERIFY. ADJUST AS NECESSARY
373.0 L.F. 15" PVC PIPE @ +0.348% 0.343
170
165
160
155
150
145
0+00
1+00
2+00
3+00
3+73.0
CHADSWORTH 2ND ADDITION
STORM WATER
EXTENSION TO STORM WATER DRAIN #92
BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER 490 PPS (607861)
SHEET 2 OF 3
DESIGN NBW/DY
DRAWN DY
APPROVED
DATE 8/12/94
SCALE noted

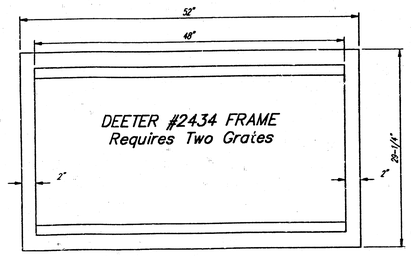


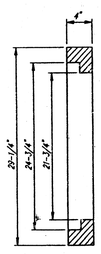


DEETER #2433 GRATE

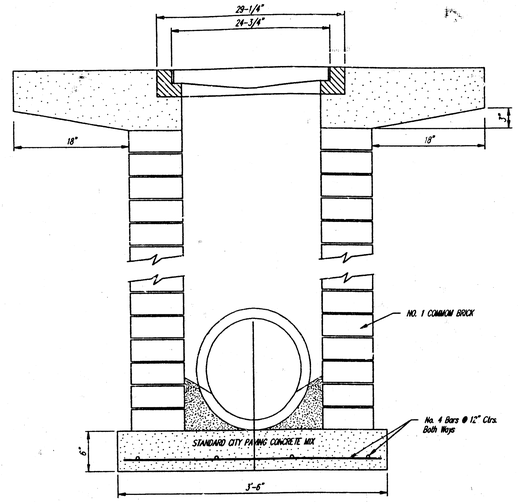
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.

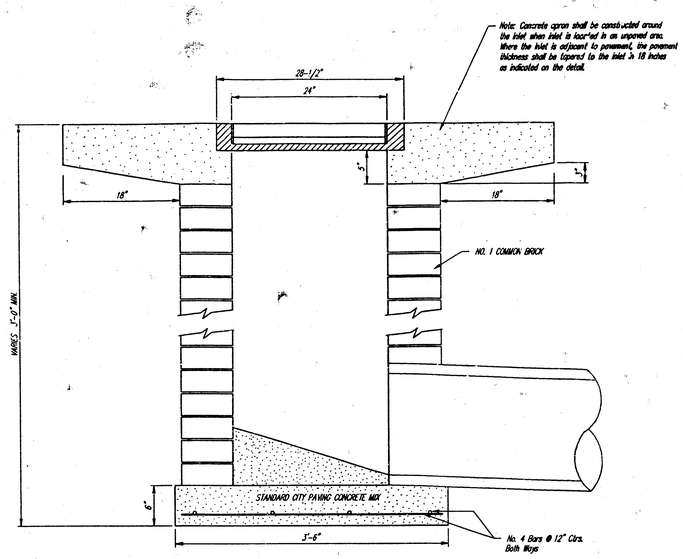
24" x 24" Frame and Grate Detail

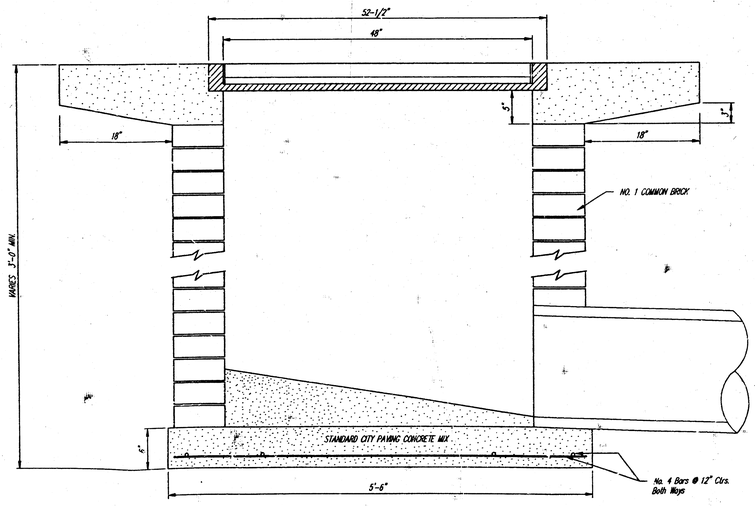




Double 24" x 24" Frame Detail







DROP INLET DETAILS

M.E. Lindebak, City Engineer
City of Wichita, Kansas

Project Number 3
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18-13-1-2