FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS		19	4	5

Inlet #7; 248.00 N 81.00 E
M.H. #9 248.00 N 106.00 E
Install 70.04 L.F. 15" C.M.P.
Install 125.0 L.F. 15" C.M.P.
Install 25.0 L.F. 15" C.M.P.
M.H. #10; 373.00 N 106.00 E
Install 10.0 L.F. 15" C.M.P.
Headwall; 383.00 N 106.00 E
Drainage Swale S=1.00%
Exist. 8" Water Line
Exist. 8" Valve
567.6 N 113.2 E
547.303246 144.454265
Install 50.20 L.F. 15" C.M.P.
LINE A
LINE A-1
LINE A-2
Exist. Inlet; 136.00 N 131.00 E
Inlet #1; 206.00 N 133.50 E
20' San. Sew. Esmt.
LINE 1
Install 57.00 L.F. 8" Pipe
1-8"x22½° CI MJ Bend
37'-8" AC Pipe
1-8"x22½° CI MJ Bend
214'-8" AC Pipe
M.H. #3; 418.34 N 226.69 E
515.267.11 N 196.72883 E
M.H. #1; 149.12 N 189.67 E
M.H. #2; 375.00 N 189.67 E
Install 231.88 L.F. 8" Pipe
Install 113.64 L.F. 15" C.M.P.
M.H. #7; 113.00 N 350.00 E
Inlet #8; 388.00 N 219.00 E
475.882420 N 244.911055 E
Inlet #2; 206.00 N 350.00 E
Inlet #3; 319.00 N 350.00 E
Install 1.0 L.F. 15" C.M.P.
LINE B
1-8"x6" Hyd Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
15'-6" CICL Pipe
1-Fire Hydrant
Inlet #4; 319.00 N 350.00 E
440.11098 N 352.82453 E
Install 108.00 L.F. 18" C.M.P.
Install 93.00 L.F. 18" C.M.P.
M.H. #6; 376.67 N 462.50 E
Exist. 36" RCP Storm Drain
Exist. 8" Sanitary Sewer
HARRY STREET
Install 120.00 L.F. 8" Pipe
Exist. M.H.; 143.12 N 542.45 E
M.H. #5; 376.67 N 582.50 E
20' San. Sew. Esmt.
LINE 2
M.H. #4; 246.00 N 582.50 E
437'-8 AC. Pipe
Install 110.40 L.F. 8" Pipe
Install 130.67 L.F. 8" Pipe
Inlet #6; 324.00 N 594.00 E
1-8" MJ Gate Valve
1-8" Valve Box
472.174644 N 760.232041 E
Install 108.00 L.F. 12" C.M.P.
LINE C
1-8"x6" Hyd. Valve Anchor Tee
1-6" MJ Gate Valve
1-6" Valve Box
18'-6" CICL Pipe
1-Fire Hyd.
1-8"x6" CI MJ Tee
1-8" CI MJ Cap
Inlet #5; 324.00 N 702.00 E
MH #8; 113.00 N 702.00 E
73.3 N 764.4 E
10'-8" AC. Pipe
Exist. 8" Valve
Exist. 20" Water Line
92'-8" AC. Pipe
Install 211.00 L.F. 12" C.M.P.
298'-8" AC. Pipe
1-8"x6" Hyd. Valve Anchor Tee
1-6" M.J. Gate Valve
1-6" Valve Box
18'-6" CICL Pipe
1-Fire Hyd.
BRECKENRIDGE
100 N 200 N 300 N 400 N 500 N 600 N 700 N 800 N 900 N
100 E 200 E 300 E 400 E 500 E 600 E 700 E

B.M.- East 'R' in Mueller, Top Fire Hydrant W. Side Drive Ent. El = 1712.23 City Datum

B.M.- 3/8" rebar in conc. at S.E. Cor. Lot 2, Blk 6, El = 1728.91 City Datum

LEGEND

- Sanitary Sewer & Manhole
- Storm Drain & Manhole
- Storm Drain Inlet
- W — Water Line
- Fire Hydrant

Scale : 1" = 40'

APPROVED
by City Engineer
Sanitary Sewer
Storm Sewers
Driveway Approaches
5/2/77

CITY OF WICHITA STORM SEWER
PROJ. NO. DBKW707020
CITY OF WICHITA WATER DEPT.
PROJ. NO. GETW 701401
CITY OF WICHITA SANITARY SEWER
PROJ. NO. DBKW 707015

NOTES:

1. All elevations City of Wichita Datum.
2. All construction to comply with City of Wichita specifications and standards.
3. Sewer lines to be inspected by the Dept. of Public Works Inspection.
4. Storm Drain lines to be inspected by the Dept. of Public Works Inspection.
5. Sand backfill and flush all sanitary sewer and storm drain excavations.
6. All Storm Drain fittings shall be considered subsidiary to CMP.
7. All CMP shall be helically corrugated.
8. Connection to existing inlet shall be considered subsidiary to CMP.
9. All inlets to be City of Wichita Std. Drop Inlets (size as shown on profile).
10. All waterline construction and materials to comply with Wichita Water Dept. Standards and Specifications.
11. ~~All excavation, thrust blocks, and backfill at tapping locations by contractor.~~
12. Sanitary sewer service lines, and water service lines and precast meter vaults to be located by Plumbing contractor as per Architects Utility Plan.
13. See Sheet No. 5 for Sanitary Sewer, Storm Drain and Waterline Profile.

All manholes to be Standard City of Wichita Type A and 4' dia. except as noted.

7' 6' 3½'
Var. Var.
4:1 4:1
Exist. Grnd.

SECTION THRU DRAINAGE SWALE

RICHARD D. SCHOMAKER LICENSED 6278 KANSAS PROFESSIONAL ENGINEER

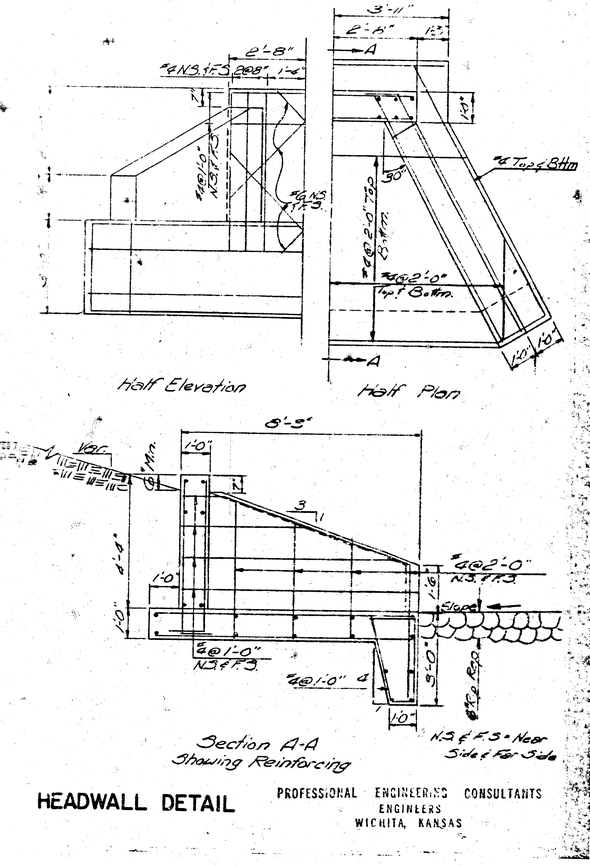
THE HARDESTY CO.

UTILITY PLAN

QUAIL MEADOWS APTS. PHASE II

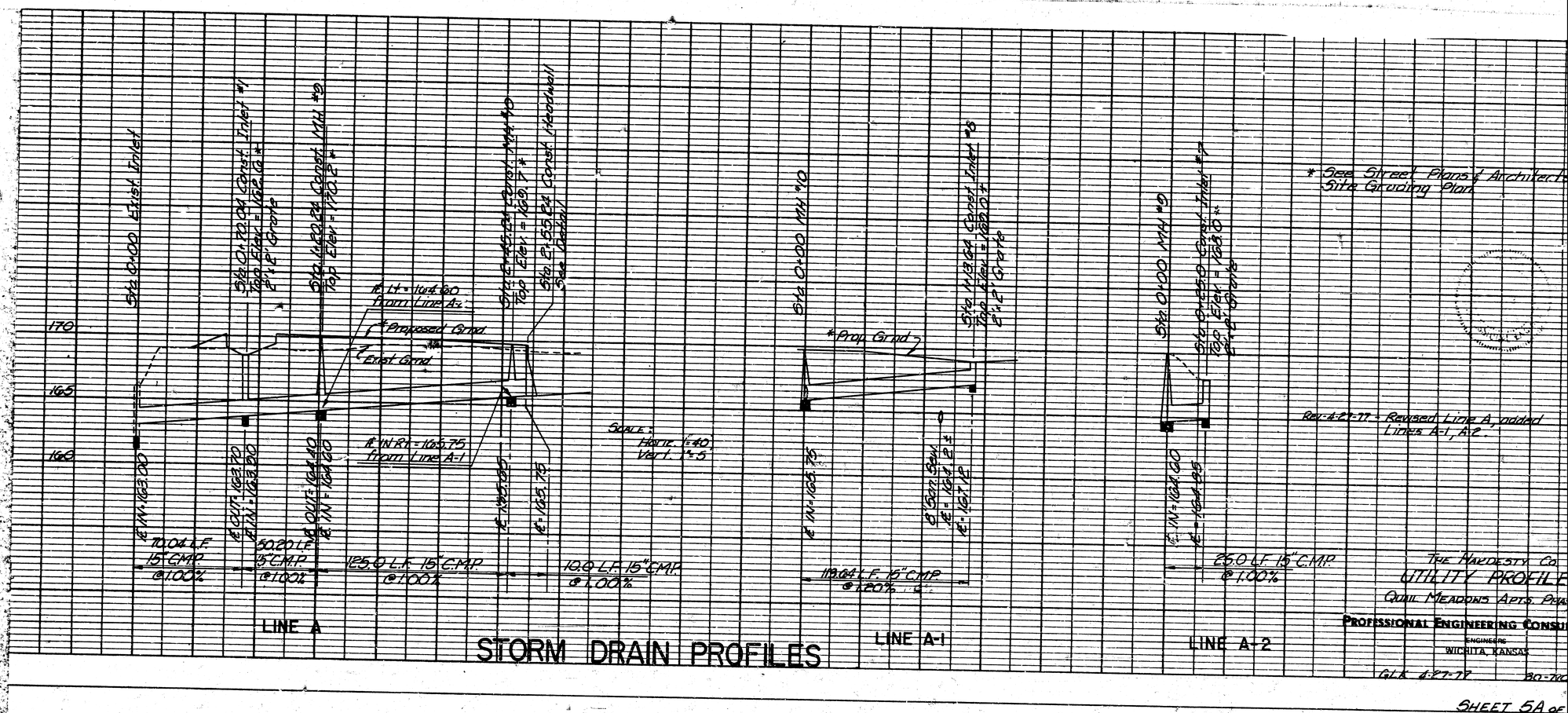
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by G.L.K. Checked by M.D.S.



HEADWALL DETAIL

PROFESSIONAL ENGINEERING CONSULTANTS
ENGINEERS
WICHITA, KANSAS


Sta. 0+00 to Sta. 1+00 Line A
Sta. 1+00 to Sta. 2+00 Line A
Sta. 2+00 to Sta. 3+00 Line A
Sta. 3+00 to Sta. 4+00 Line A
Sta. 0+00 to Sta. 1+00 Line A-1
Sta. 1+00 to Sta. 2+00 Line A-1
Sta. 0+00 to Sta. 1+00 Line A-2
Sta. 1+00 to Sta. 2+00 Line A-2
* See Street Plans & Architects Site Grading Plan
170
165
160
* Proposed Grad
* Exist Grad
* Prop Grad
E IN = 163.00
E OUT = 162.90
E IN = 163.00
E OUT = 162.90
E IN = 164.40
E OUT = 164.30
E IN = 164.40
E OUT = 164.30
E IN = 165.80
E OUT = 165.70
E IN = 165.80
E OUT = 165.70
E IN = 165.75
E OUT = 165.65
E IN = 165.75
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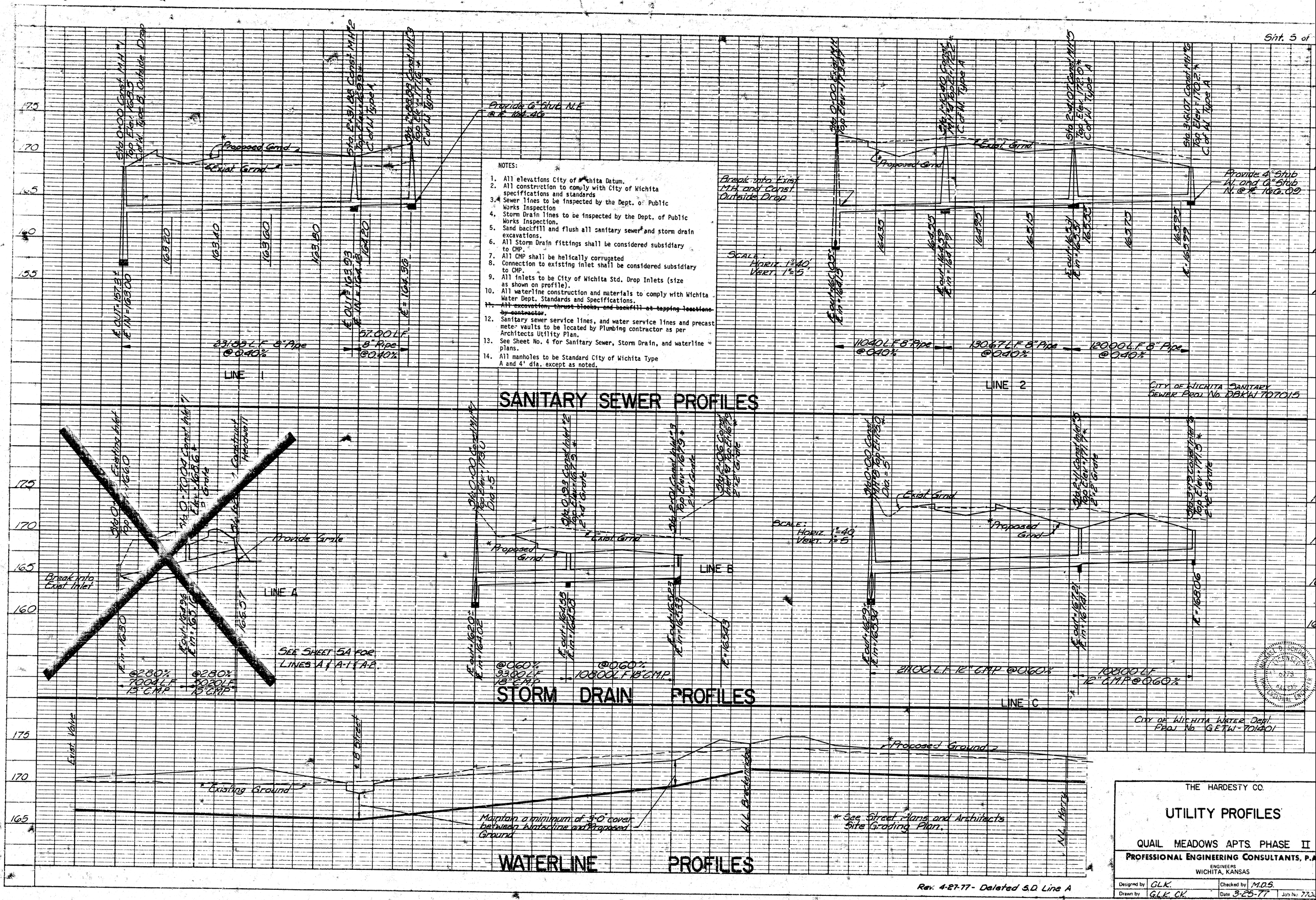
E OUT = 165.65



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12. Sanitary sewer service lines, and water service lines and precast meter vaults to be located by Plumbing contractor as per Architects Utility Plan.
13. See Sheet No. 4 for Sanitary Sewer, Storm Drain, and waterline plans.
14. All manholes to be Standard City of Wichita Type A and 4' dia. except as noted.

THE HARDESTY CO.

UTILITY PROFILES

QUAIL MEADOWS APTS. PHASE II

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	G.L.K.	Checked by	M.D.S.
Drawn by	G.L.K. C.K.	Date 3-25-77	Job No. 770

Rev. 4-27-77 - Deleted S.D. Line A