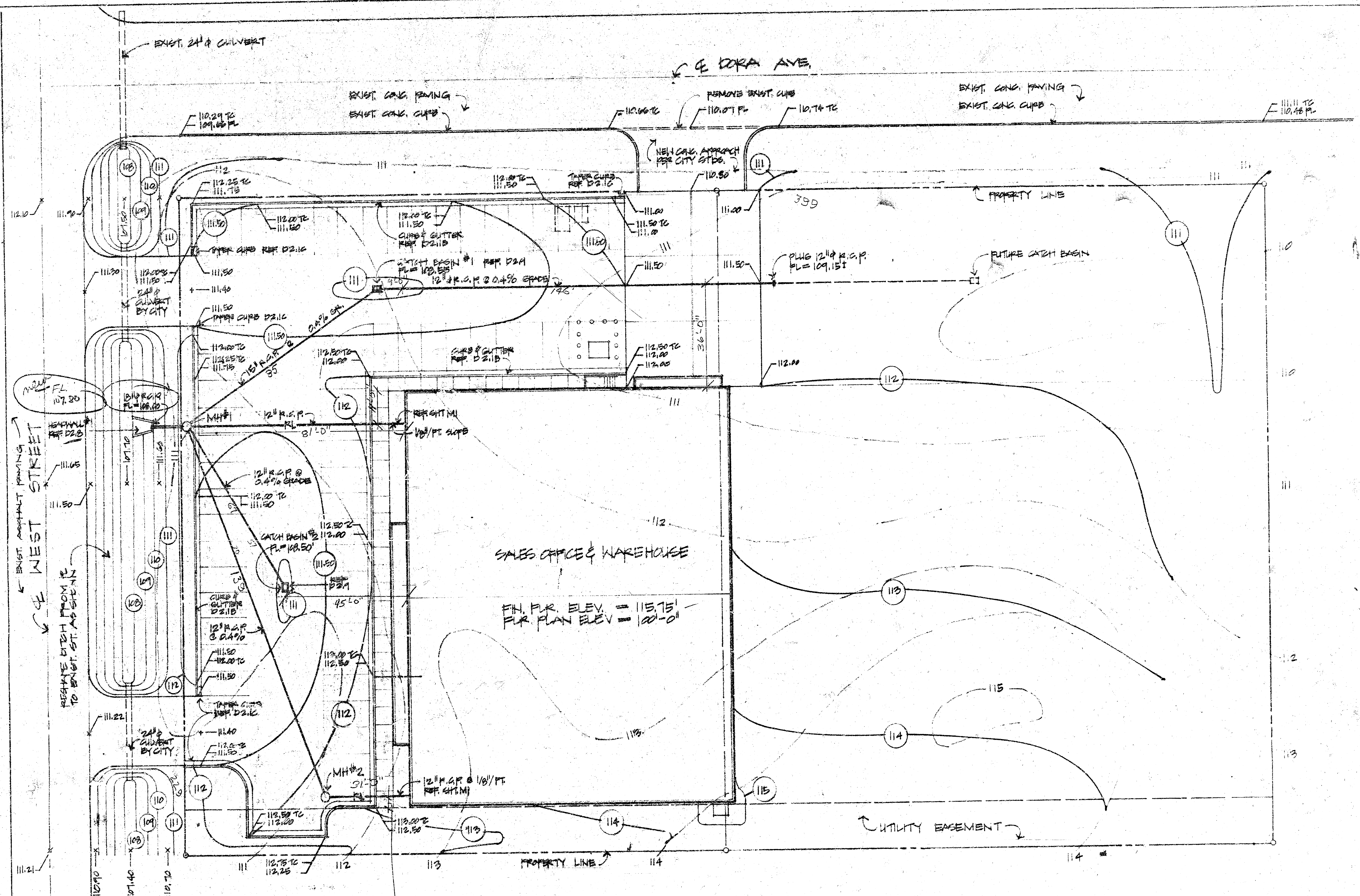




MANHOLE NOTES:

MANHOLE #1
 15" R.C.P. FL IN = 108.20'
 12" R.C.P. FL IN = 109.17' (NO R.L.)
 12" R.C.P. FL IN = 108.20' (FROM G.S.#2)
 12" R.C.P. FL IN = 108.20' (NO R.L.)
 18" R.C.P. FL OUT = 108.20'
 MANHOLE #2
 12" R.C.P. FL IN = 109.69'
 12" R.C.P. FL OUT = 108.80'

SITE GRADING PLAN 11 = 20'-0"

Mike

* USE THIS PLAN TO SCALE DIM.
 468-76-245-80561-000-000-008

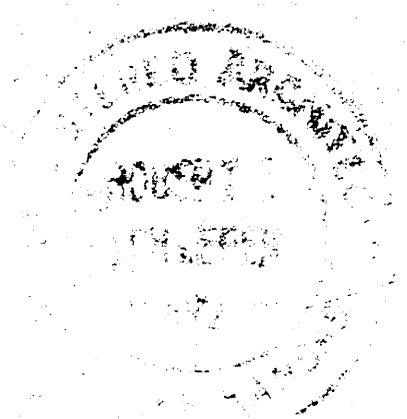
NOTES:

1. REF SHEET A1 FOR SITE UTILITIES, BENCH MARK, GENERAL NOTES AND ADDITIONAL INFORMATION.
2. SLOPE GRADINGS UNIFORMLY BETWEEN SPOT ELEVATIONS AND CONTOURS. CONSTANT SLOPE REQUIRED BETWEEN P. AND BACK OF EXIST. CONC. CURB.
3. CONCRETE HEADWALL BY G.O.
4. CATCH BASINS AND MANHOLES BY M.C. CONSTRUCT FOR CITY STANDARDS. STORM WATER AND RAINLEADER PIPING BY M.C.

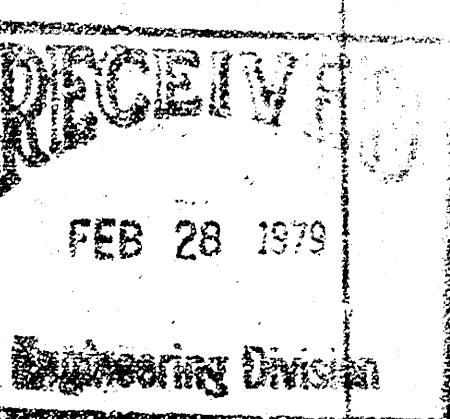
NEW SALES OFFICE & WAREHOUSE FOR
 W.W. GRAINGER, INC.
 WICHITA, KANSAS

SSA
 SCHAFER & ASSOCIATES P.A.

ARCHITECTURE PLANNING
 ENGINEERING INTERIORS
 LANDSCAPE ARCHITECTURE
 WICHITA TOPEKA



DATE: 10 APR 78
 DR: BN CH: BN
 JOB: 468-76-245-80561-000-000-008
 SHEET NO:
SG1
 OF 6 SHEETS



GENERAL NOTES:

1. All elevations City of Wichita Datum.
2. All construction to comply with City of Wichita specifications and standards except for compaction requirements. (See Table 1 below)
3. Storm Sewer lines to be inspected by the Department of Public Works Inspection.
4. All inlets to be City of Wichita Standard Drop Inlets (size as shown on Plans).
5. Deleted.
6. Sanitary Sewer lines to be inspected by the Dept. of Public Works Inspection.
7. Sand backfill and flush all sanitary sewer and storm drain excavations.
8. All sanitary sewer manholes to be Standard City of Wichita 4' dia. Type A or C as noted.
9. Water lines to be inspected by the Wichita Water Department.
10. All waterline construction and materials to comply with Wichita Water Department Standards and Specifications.
11. All excavation, thrust blocks, and backfill at tapping locations by Contractor.
12. See Sheet No. 6, 6A for Storm Drain, Sanitary Sewer and Waterline Profiles.

TABLE 1

COMPACTION REQUIREMENTS:

Acceptable values of moisture content and degree of compaction for filling and backfilling operations as determined by ASTM Designation: D-1557-70 are presented in the following tabulation.

Fill within the building area and areas to be paved:

Material	Clays, Silty and Sandy (CL-CH)
Moisture Content	Optimum plus 2%
Degree of Compaction	Minimum of 86% of Maximum Dry Density Maximum of 91% of Maximum Dry Density

Material	Line Stabilized Clays
Moisture Content	Optimum plus 2%
Degree of Compaction	Minimum of 86% of Maximum Dry Density Maximum of 91% of Maximum Dry Density

Backfill of exterior foundation walls and utility trenches:

Material	Clays (CL-CH)
Moisture Content	Above Optimum
Degree of Compaction	Minimum of 86% of Maximum Dry Density

City of Wichita Storm Water Drain
Project No. DBKN 707027

SCALE: 1"=50'

10,285.00 N 9,338.00 E
Const. Drop Inlet (24"x24")
Install 15"x143"
Storm Sewer (SW)

10,285.13 N 9,153.86 E
Const. Drop Inlet (24"x48")
Install 18"x137"
Storm Sewer (SE)

10,118.15 N 9,014.18 E
Const. Drop Inlet (24"x24")
Install 18"x118"
Storm Sewer (SW)

10,085 N 9,100 E
Const. Drop Inlet (24"x24")
Install 18"x31"
Storm Sewer (NW)

10,041.82 N 8,981.58 E
Const. Drop Inlet (24"x48")
Install 24"x201"
Storm Sewer (SW)
Connect to Reconst. Inlet

10,177.11 N 9,242.32 E
Const. Drop Inlet (24"x24")
Install 18"x105"
Storm Sewer (SW)

10,165.00 N 9,392.00 E
Const. Drop Inlet (24"x24")
Install 15"x106"
Storm Sewer (NE)

10,268.00 N 9,424.00 E
Const. Drop Inlet (24"x24")
Install 15"x86"
Storm Sewer (NW)

10,200.00 N 9,592.00 E
Const. Drop Inlet (24"x48")
Install 13"x178"
Storm Sewer (NE)

10,200.00 N 9,943.00 E
Const. Drop Inlet (24"x48")
Install 24"x139"
Storm Sewer (S)

10,212.00 N 9,771.00 E
Const. Drop Inlet (24"x24")
Install 18"x171"
Storm Sewer (SE)

10,057.00 N 9,943.00 E
Const. Drop Inlet (24"x48")
Install 24"x170"
Storm Sewer (E)
With End Section

Reconst. Inlet from
Type I-A, W-3'-10" to
Type I-A, W-6'-10"

See Sh. No. 5 for Site Layout.
See Sh. No. 5 for Utility Plan.
See Sh. No. 6 for Storm Sewer Profiles.

NOTE TO OWNER:
This project will be under the supervision of the City of Wichita and conforming to the standards of the CITY OF WICHITA. The CONTRACTOR will be responsible for all construction and inspection.

Rev. No. 1 18 Jan 78
Ditch Section Modified

FOX RUN
WICHITA, KANSAS

SITE GRADING
& DRAINAGE

100% NO. 238
DATE 12-20-77
DRAWN

*3057 N to 10157 N
TYPICAL SECTION