STORM WATER SEWER

to serve

SHONEY'S TRUCK WAREHOUSE

Private Project No.

461 PPS (607861)

City of Wichita, Kansas - Michael E. Lindebak, City Engineer

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	263-7511
Kansas Gas & Electric Company	264-1141
Arkla Gas Company	942-835 -or- 263-8161
S.W. Bell Telephone Company	1-571-2611
Williams Natural Gas Co.	524-4390 or 524-0491
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.

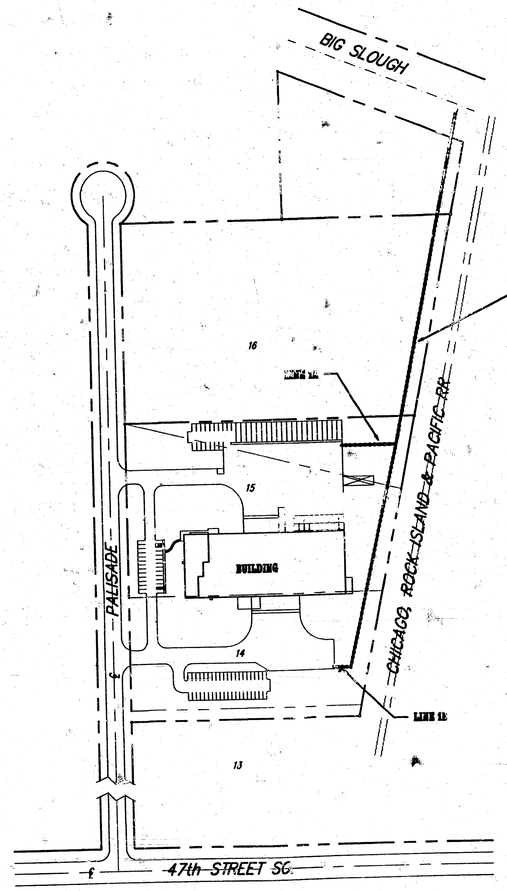
3. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.

4. Storm Sewer Pipe used on this project shall be Hi-Q Corrugated Polyethylene Pipe as manufactured by Hancor, Inc. or approved equal.

5. Trees and shrubs in conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in conflict with proposed new construction shall be saved and protected from damage.

6. The Contractor shall notify the following individuals 48 hours prior to excavation operations:

   Mr. David Stuckey 524-0056 (Riverside Drng. Dist.)
   Mr. Larry Snow 524-0491 (Williams Pipeline Co.)



1" = 150'
• = Iron

BENCHMARKS

#1 "□" Top Curb Adjacent to NW Corner Lot 16 Rock Island Industrial Park Addition Elevation = 85.14 City Datum

#2 Nail in Shiner Approximately 50 ft South of ℄ Drainage Channel Located @ SW cor. of Railroad Trestle Elevation = 89.37 City Datum

#3 "□" Top Curb 75' N of SW Corner of Lot 14 Rock Island Industrial Park Addition Elevation = 87.14 City Datum

INDEX of SHEETS

TITLE SHEET	1
PLAN / PROFILE - LINE 1	2 - 4
PLAN / PROFILE - LINE 1A, B	5
INLET DETAILS	6-7

As Built 7-19-94 A.Z.

APPROVED AS NOTED
BY RIVERSIDE DRAINAGE DISTRICT

Roger A. Sanborn 5-6-94
David L. Stuckey 5-6-94
[illegible] 6 May 94

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 5/9/94
Driveway Approaches _____
Water Mains _____
Paving _____

NOTE TO CONTRACTORS

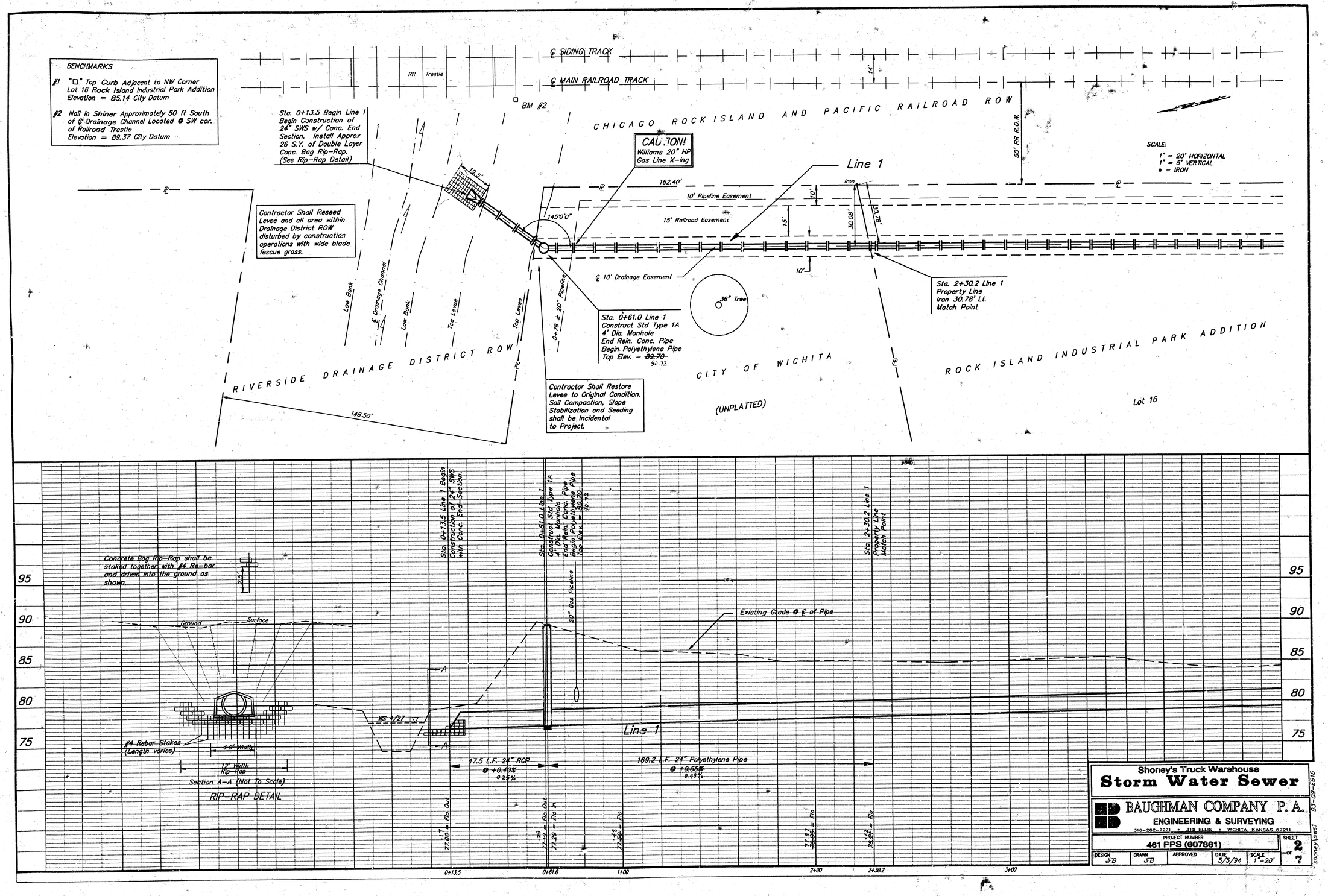
Inspection and testing for this project is to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work 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 4-3-95 MCG

JON BRENT WOOTEN LICENSED 6470 KANSAS PROFESSIONAL ENGINEER

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

April, 1994


BENCHMARKS
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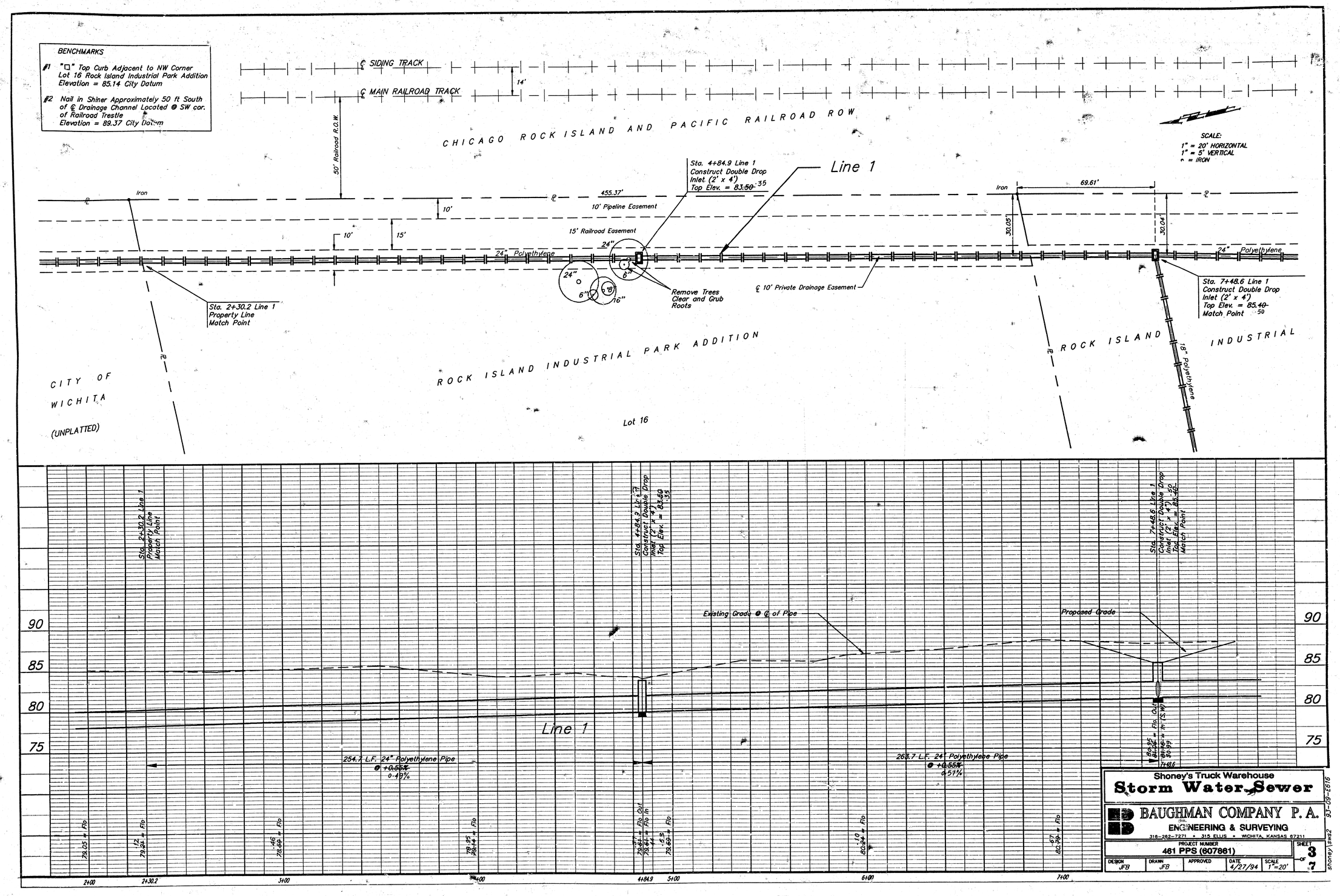
#2 Nail in Shiner Approximately 50 ft South of ℄ Drainage Channel Located @ SW cor. of Railroad Trestle Elevation = 89.37 City Datum
℄ SIDING TRACK
℄ MAIN RAILROAD TRACK
RR Trestle
BM #2
CHICAGO ROCK ISLAND AND PACIFIC RAILROAD ROW
50' RR R.O.W.
SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON
Sta. 0+13.5 Begin Line 1 Begin Construction of 24" SWS w/ Conc. End Section. Install Approx 26 S.Y. of Double Layer Conc. Bag Rip-Rap. (See Rip-Rap Detail)
CAUTION! Williams 20" HP Gas Line X-ing
Line 1
162.40'
10' Pipeline Easement
15' Railroad Easement
145°0'0"
19.5'
Contractor Shall Reseed Levee and all area within Drainage District ROW disturbed by construction operations with wide blade fescue grass.
℄ 10' Drainage Easement
36" Tree
Sta. 2+30.2 Line 1 Property Line Iron 30.78' Lt. Match Point
Sta. 0+61.0 Line 1 Construct Std Type 1A 4' Dia. Manhole End Rein. Conc. Pipe Begin Polyethylene Pipe Top Elev. = ~~89.70~~ 90.72
Low Bank
℄ Drainage Channel
Low Bank
Toe Levee
Top Levee
0+76 ± 20" Pipeline
RIVERSIDE DRAINAGE DISTRICT ROW
CITY OF WICHITA
(UNPLATTED)
ROCK ISLAND INDUSTRIAL PARK ADDITION
Lot 16
Contractor Shall Restore Levee to Original Condition. Soil Compaction, Slope Stabilization and Seeding shall be Incidental to Project.
148.50'
Concrete Bag Rip-Rap shall be staked together with #4 Re-bar and driven into the ground as shown.
Ground Surface
Existing Grade @ ℄ of Pipe
20" Gas Pipeline
Sta. 0+13.5 Line 1 Begin Construction of 24" SWS with Conc. End-Section.
Sta. 0+61.0 Line 1 Construct Std Type 1A 4' Dia. Manhole End Rein. Conc. Pipe Begin Polyethylene Pipe Top Elev. = ~~89.70~~ 90.72
Sta. 2+30.2 Line 1 Property Line Match Point
WS 4/27
#4 Rebar Stakes (Length varies)
4.0' Width
12' Width Rip-Rap
Section A-A (Not To Scale)
RIP-RAP DETAIL
Line 1
47.5 L.F. 24" RCP @ +0.40% 0.25%
169.2 L.F. 24" Polyethylene Pipe @ +0.55% 0.49%
95
90
85
80
75
0+13.5
0+61.0
1+00
2+00
2+30.2
3+00
Shoney's Truck Warehouse
Storm Water Sewer
BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER 461 PPS (607861)
SHEET 2 OF 7
DESIGN JFB
DRAWN JFB
APPROVED
DATE 5/5/94
SCALE 1"=20'
shoney\sws1 93-09-E616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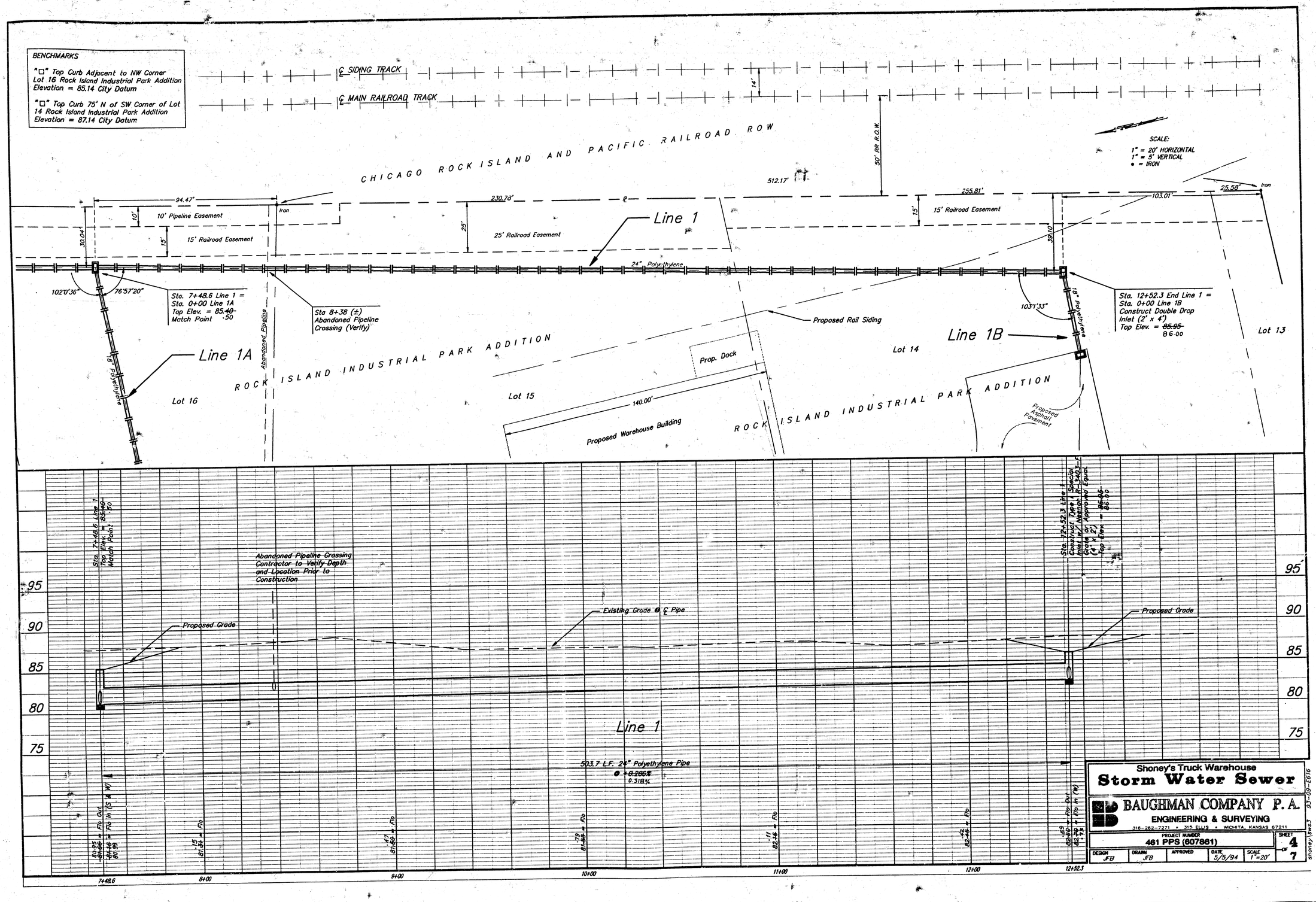
℄ SIDING TRACK
℄ MAIN RAILROAD TRACK
14'
50' Railroad R.O.W.
CHICAGO ROCK ISLAND AND PACIFIC RAILROAD ROW
SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
= IRON
Sta. 4+84.9 Line 1
Construct Double Drop
Inlet (2' x 4')
Top Elev. = 83.50 .35
Line 1
Iron
455.37'
10' Pipeline Easement
10'
15'
15' Railroad Easement
24"
24" Polyethylene
69.61'
30.05'
30.04'
Remove Trees
Clear and Grub
Roots
℄ 10' Private Drainage Easement
Sta. 2+30.2 Line 1
Property Line
Match Point
Sta. 7+48.6 Line 1
Construct Double Drop
Inlet (2' x 4')
Top Elev. = 85.40 .50
Match Point
18" Polyethylene
ROCK ISLAND INDUSTRIAL PARK ADDITION
ROCK ISLAND INDUSTRIAL
CITY OF WICHITA
(UNPLATTED)
Lot 16
Existing Grade @ ℄ of Pipe
Proposed Grade
90
85
80
75
Line 1
254.7 L.F. 24" Polyethylene Pipe
@ +0.55%
0.49%
263.7 L.F. 24" Polyethylene Pipe
@ +0.55%
0.51%
2+00
2+30.2
3+00
4+84.9
5+00
6+00
7+00
Shoney's Truck Warehouse
Storm Water Sewer
BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER
461 PPS (607861)
SHEET 3 OF 7
DESIGN JFB
DRAWN JFB
APPROVED
DATE 4/27/94
SCALE 1"=20'
shoney\sws2 93-09-E616


BENCHMARKS
"□" Top Curb Adjacent to NW Corner Lot 16 Rock Island Industrial Park Addition Elevation = 85.14 City Datum
"□" Top Curb 75' N of SW Corner of Lot 14 Rock Island Industrial Park Addition Elevation = 87.14 City Datum
℄ SIDING TRACK
℄ MAIN RAILROAD TRACK
CHICAGO ROCK ISLAND AND PACIFIC RAILROAD ROW
50' RR R.O.W.
SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON
94.47'
230.78'
512.17'
255.81'
103.01'
25.58'
Iron
10' Pipeline Easement
15' Railroad Easement
25' Railroad Easement
Line 1
24" Polyethylene
102°0'36"
76°57'20"
Sta. 7+48.6 Line 1 = Sta. 0+00 Line 1A Top Elev. = 85.~~40~~ .50 Match Point
Sta 8+38 (±) Abandoned Pipeline Crossing (Verify)
Abandoned Pipeline
Line 1A
18" Polyethylene
ROCK ISLAND INDUSTRIAL PARK ADDITION
Lot 16
Lot 15
Prop. Dock
140.00'
Proposed Warehouse Building
Proposed Rail Siding
Lot 14
Line 1B
103°1'33"
Sta. 12+52.3 End Line 1 = Sta. 0+00 Line 1B Construct Double Drop Inlet (2' x 4') Top Elev. = ~~85.95~~ 86.00
Lot 13
Proposed Asphalt Pavement
Abandoned Pipeline Crossing Contractor to Verify Depth and Location Prior to Construction
Existing Grade @ ℄ Pipe
Proposed Grade
Line 1
503.7 L.F. 24" Polyethylene Pipe
0.318%
95
90
85
80
75
7+48.6
8+00
9+00
10+00
11+00
12+00
12+52.3
Shoney's Truck Warehouse
Storm Water Sewer
BAUGHMAN COMPANY P.A.
ENGINEERING & SURVEYING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211
PROJECT NUMBER
461 PPS (607861)
SHEET 4 OF 7
DESIGN JFB
DRAWN JFB
APPROVED
DATE 5/5/94
SCALE 1"=20'
shoney\sws3 93-09-E616

BENCHMARKS

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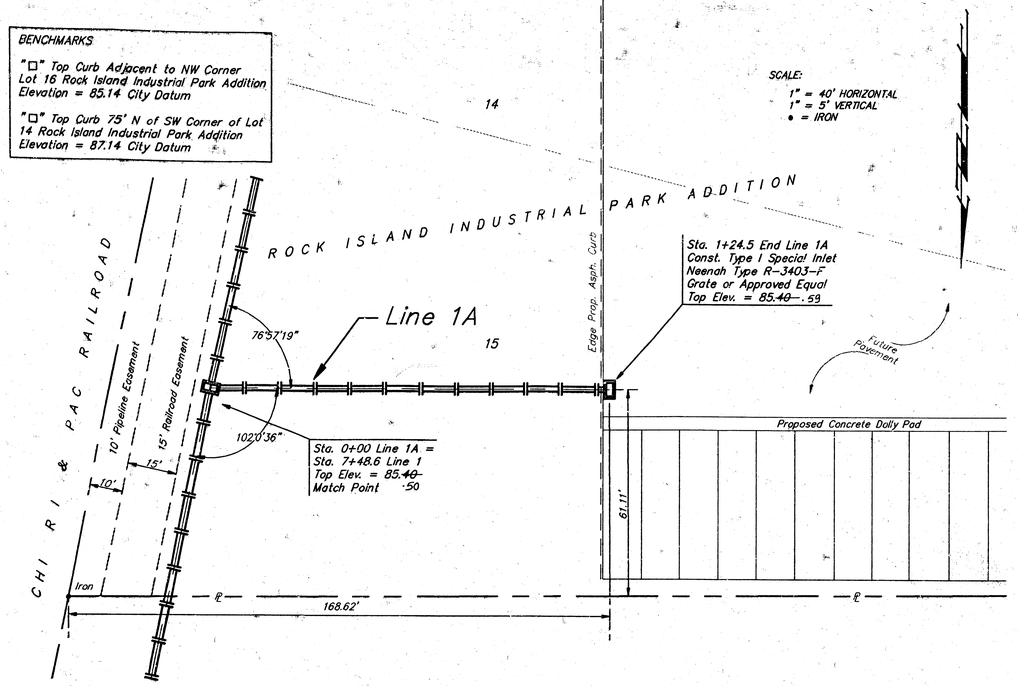
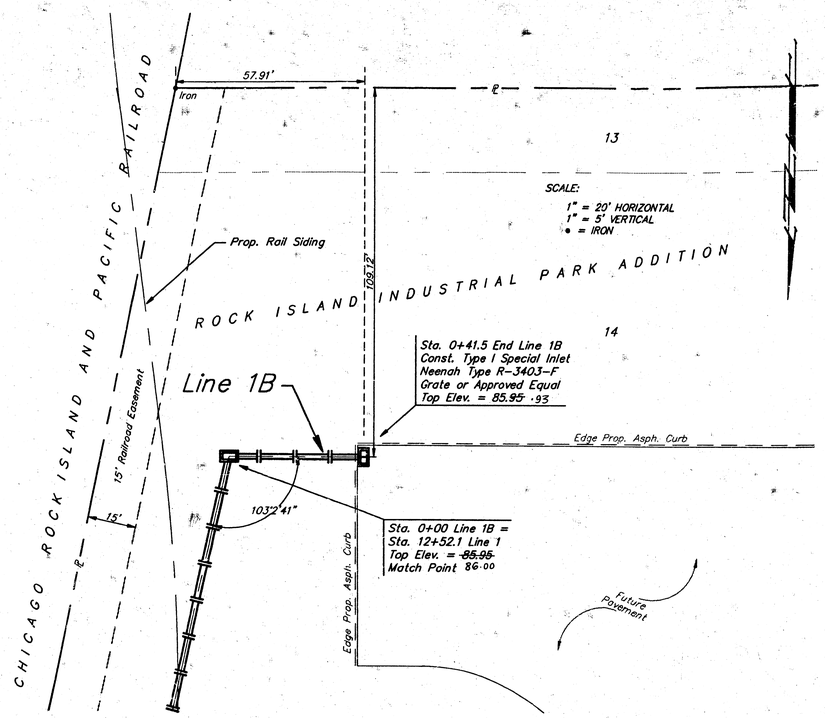
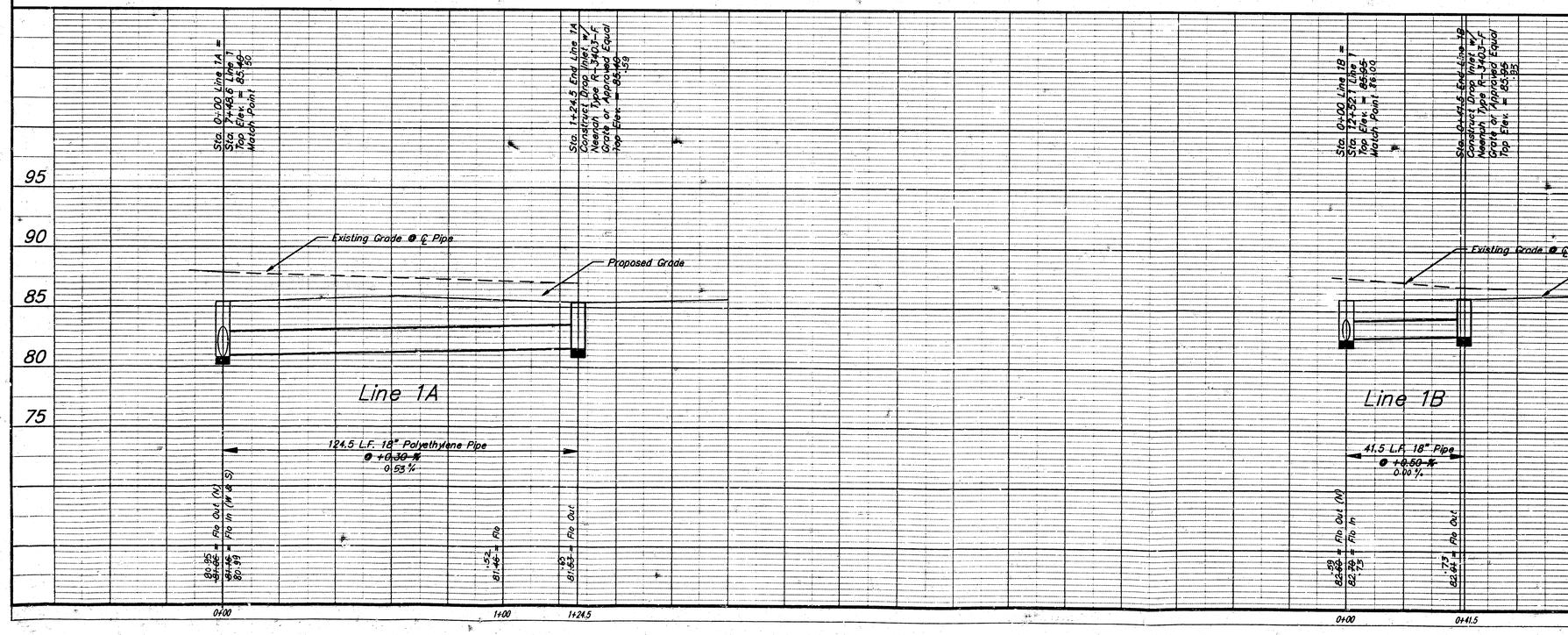
"□" Top Curb 75' N of SW Corner of Lot 14 Rock Island Industrial Park Addition Elevation = 87.14 City Datum

SCALE:
1" = 40' HORIZONTAL
1" = 5' VERTICAL
• = IRON







Shoney's Truck Warehouse

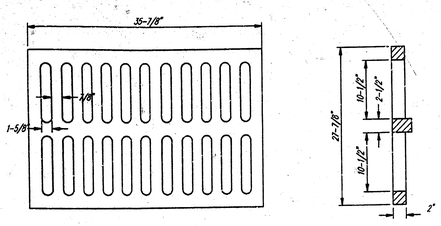
Storm Water Sewer

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

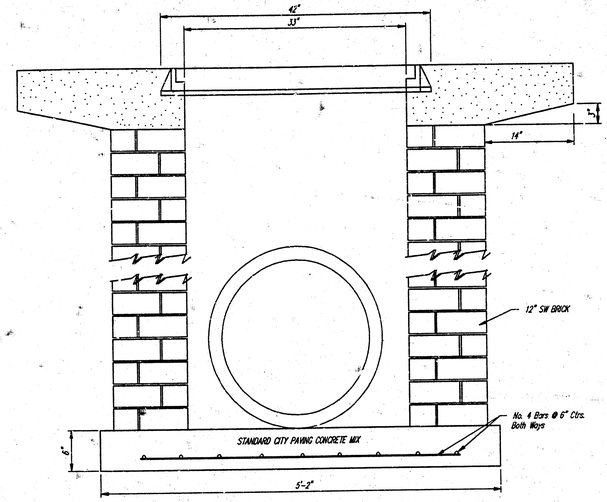
PROJECT NUMBER	SHEET
461 PPS (607861)	5 OF 7

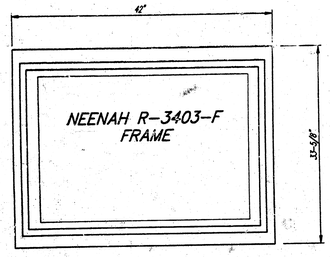
DESIGN	DRAWN	APPROVED	DATE	SCALE
JFB	JFB		5/5/94	1" = 20'

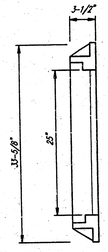
93-09-E610
shoney\sws4

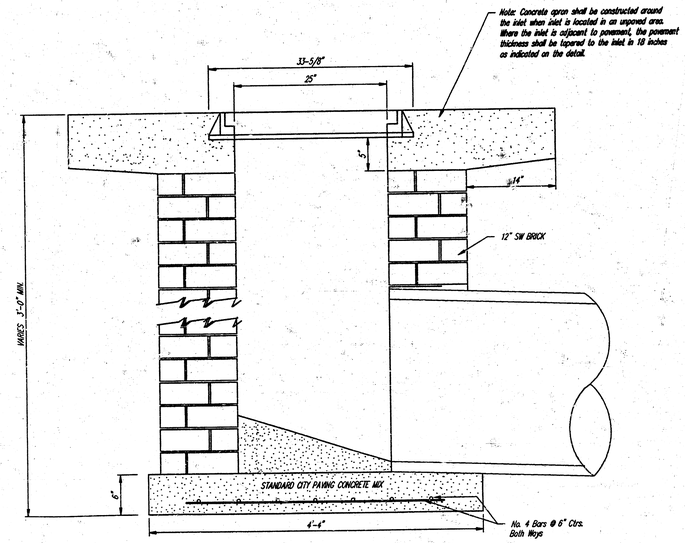


NEENAH R-3403-F GRATE









Drop Inlet Details

Type I Special

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

PROJECT NUMBER					SHEET
461 PPS (607861)					6 OF 7
DESIGN JFB	DRAWN JFB	APPROVED	DATE 5/5/94	SCALE NONE	

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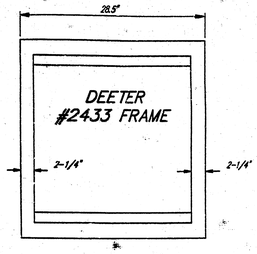

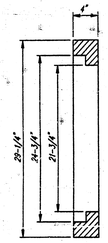

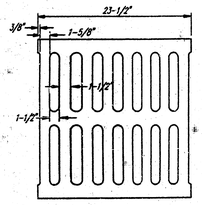

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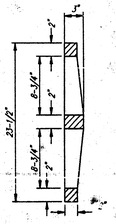
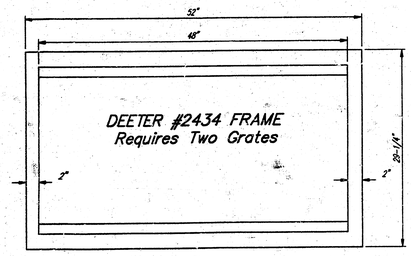
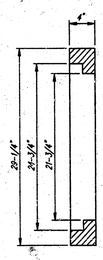
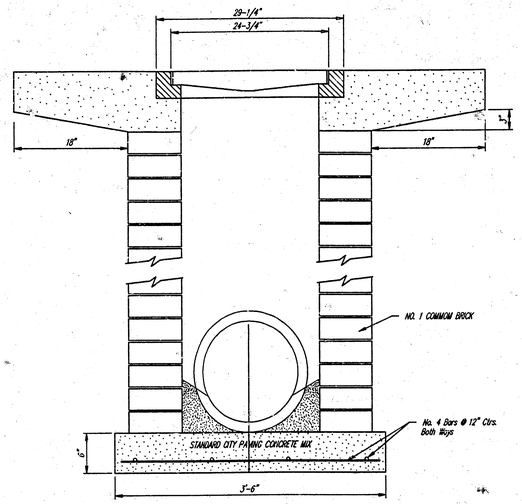


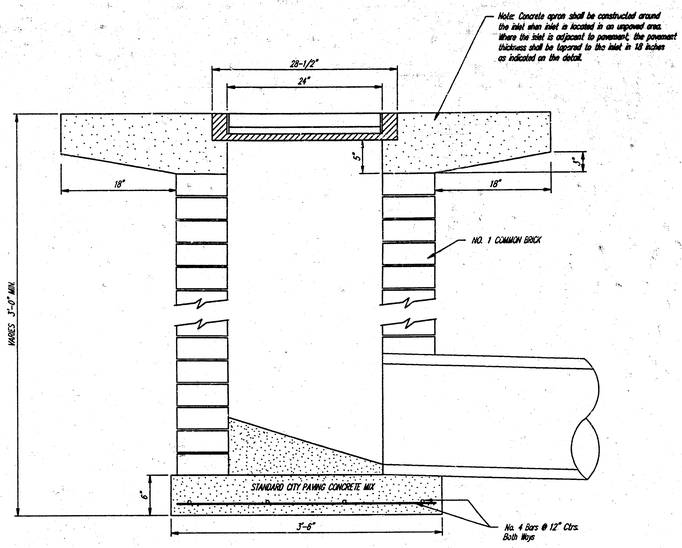
24" x 24" Frame and Grate Detail

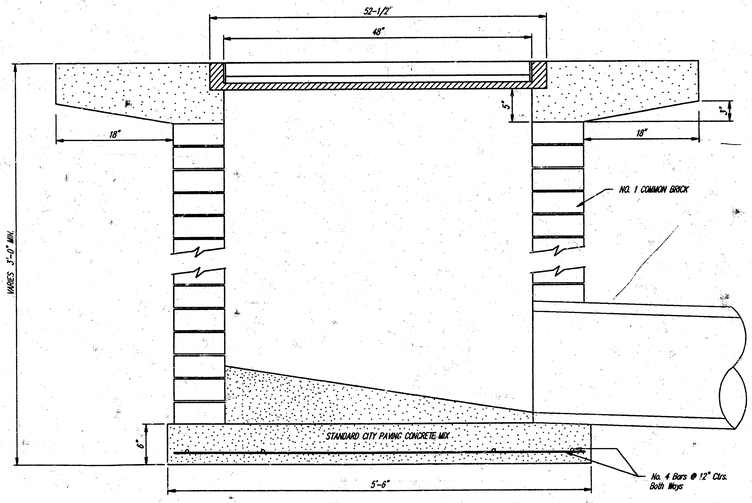




Double 24" x 24" Frame Detail







DROP INLET DETAILS

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

REV.

PROJECT NUMBER
461 PPS (607861)

SHEET 7 OF 7

DESIGN	DRAWN	APPROVED	DATE	SCALE

18-5-1-3