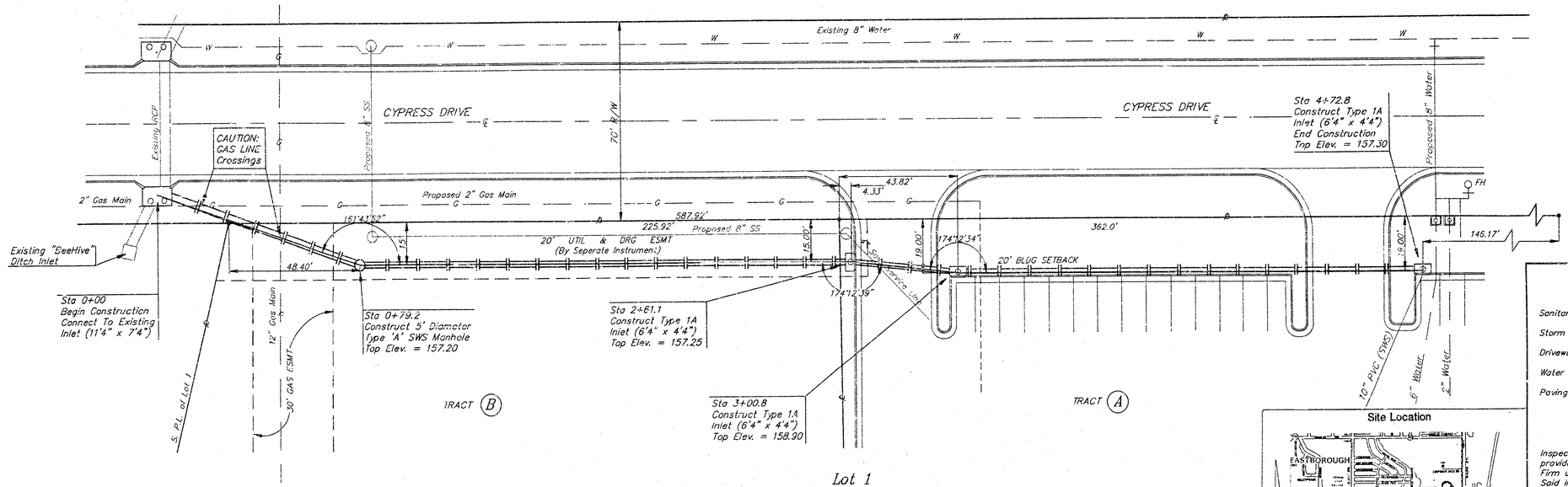
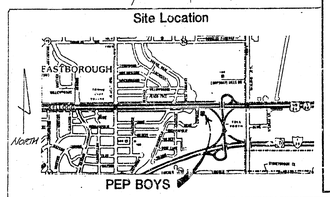


SCALE
1" = 20' HORIZONTAL
1" = 5' VERTICAL
● = IRON

Benchmark:

"□" on top of curb, 66.86' S. & 17.65' W. of the N.W. Corner Lot 1, East Turnpike Entrance Addition.
Elev. = 153.23 City Datum

Site Location



APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers VRH 9/10/93
Driveway Approaches _____
Water Mains _____
Paving _____

NOTE TO CONTRACTORS

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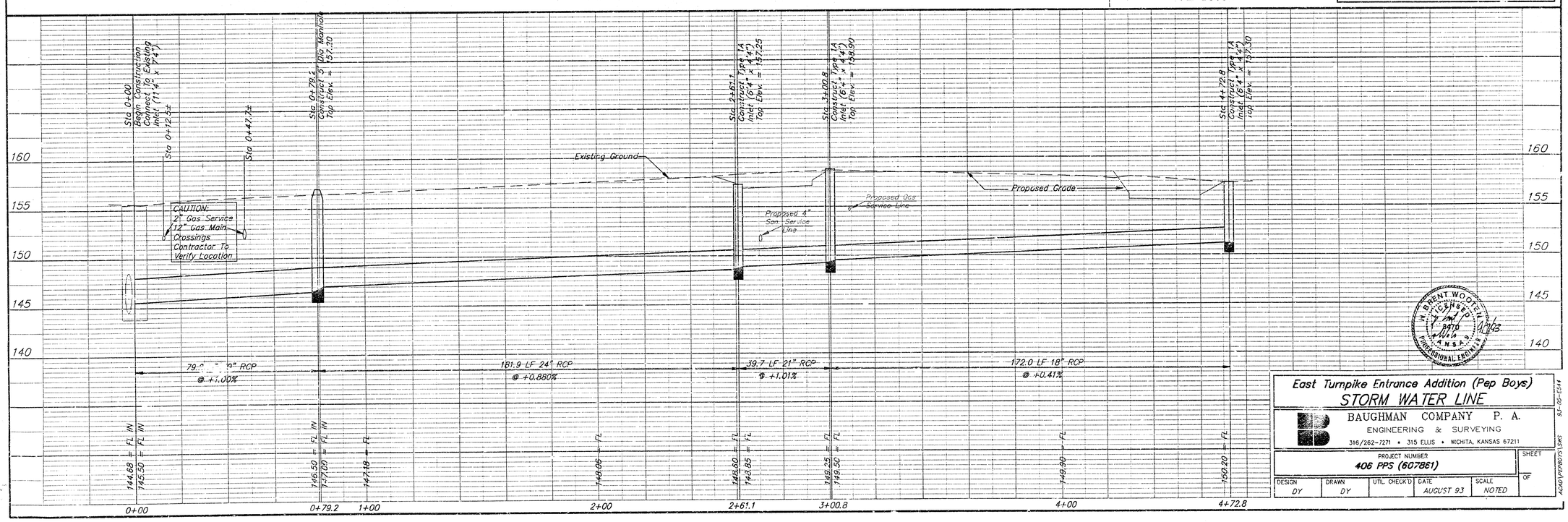
Lot 1
East Turnpike Entrance Addition



W. BRENT WOOLSEY
ENGINEER
9410
KANSAS
REGISTERED
PROFESSIONAL ENGINEER
9/10/93

East Turnpike Entrance Addition (Pep Boys)
STORM WATER LINE

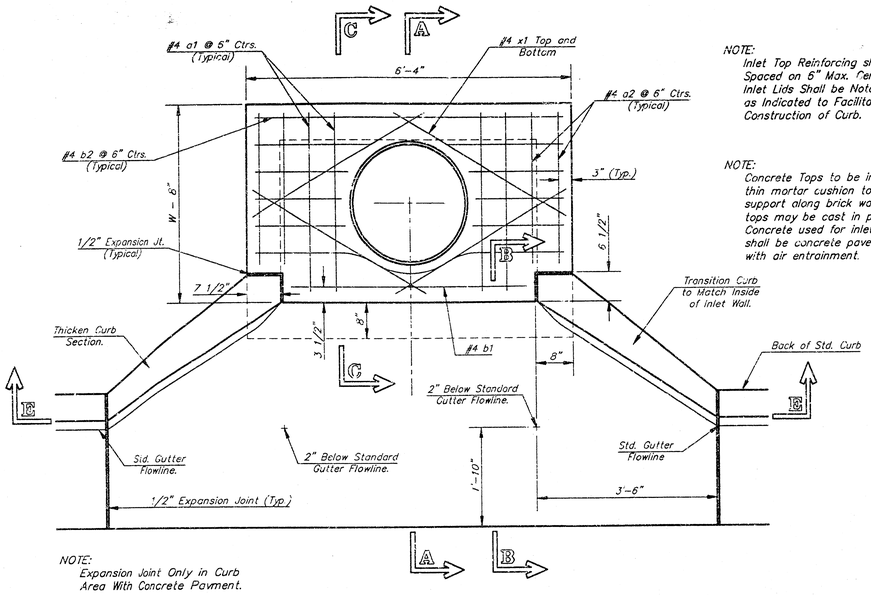
BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER	SHEET
406 PPS (607861)	OF

DESIGN	DRAWN	UTIL. CHECK'D	DATE	SCALE
DY	DY		AUGUST 93	NOTED

93-05-E144

ACAD\PEPBOYS.DWG

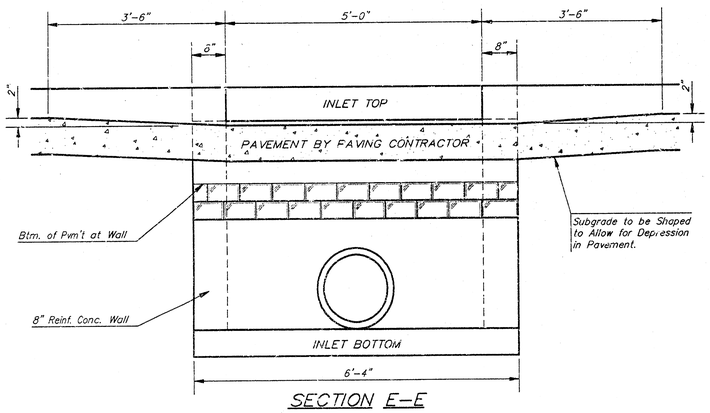


NOTE:
Expansion Joint Only in Curb Area With Concrete Pavment.

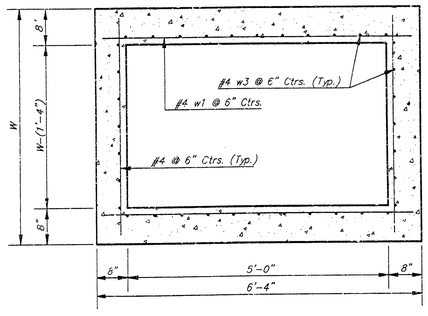
NOTE:
Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

NOTE:
Concrete Tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix with air entrainment.

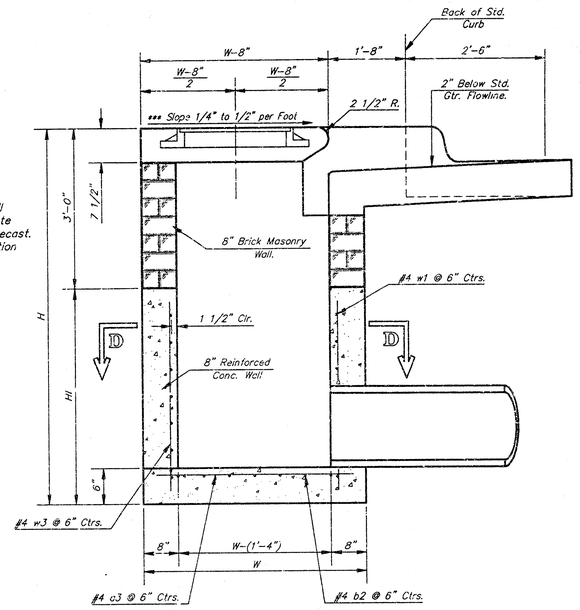
PLAN



SECTION E-E

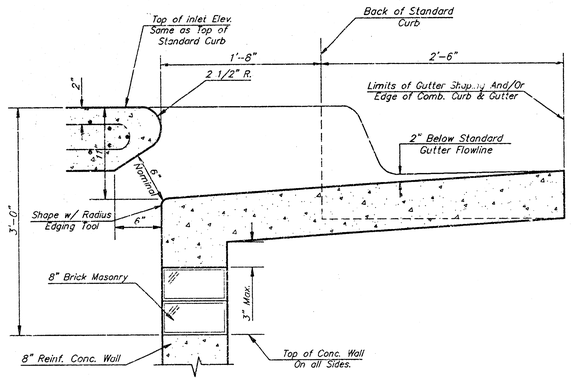


SECTION D-D

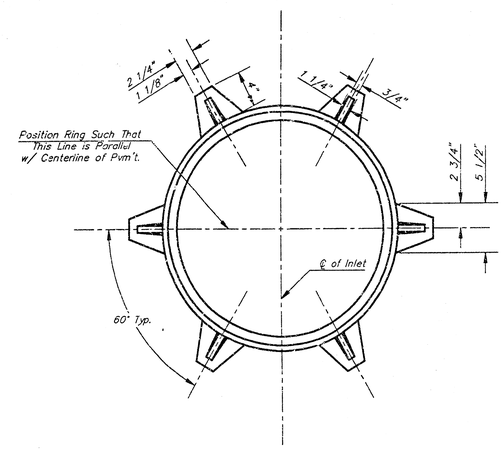


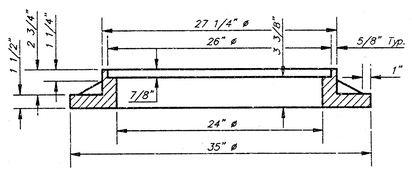
SECTION A-A

***NOTE: Slope of inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



SECTION B-B

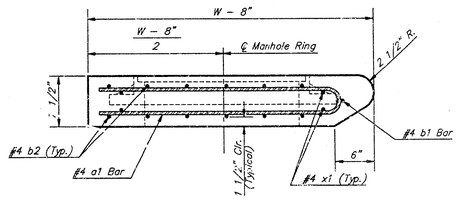




MANHOLE RING AND COVER

Weight = 180 Lbs.

*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



SECTION A-A

NOTE: Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.

Additional curb and gutter construction necessary to connect set-back inlet to pavement will be paid for at the unit price bid for each inlet hookup.

Inlet invert shall be shaped with 6 sack sand mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self-cleaning between all inlet and/or outlet pipes.

The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall

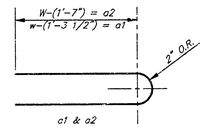
PRECAST SLAB AND FLOOR REINFORCING

		W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
* a1	#4	6	6'-1"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
* b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-5"	8	4'-10"	8	5'-2"

WALL REINFORCING

		W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"	
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	6'-1"	①	6'-1"	①	5'-1"	①	6'-1"	①	5'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"
w3	#4	32	②	36	②	40	②	44	②	48	②

* Field Bend or Cut Reinforcing as Required for Clearance.
① 4 (Hl - 12") (Hl - 21") Rounded down to nearest 0.5'
② Hl - 3"



BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±

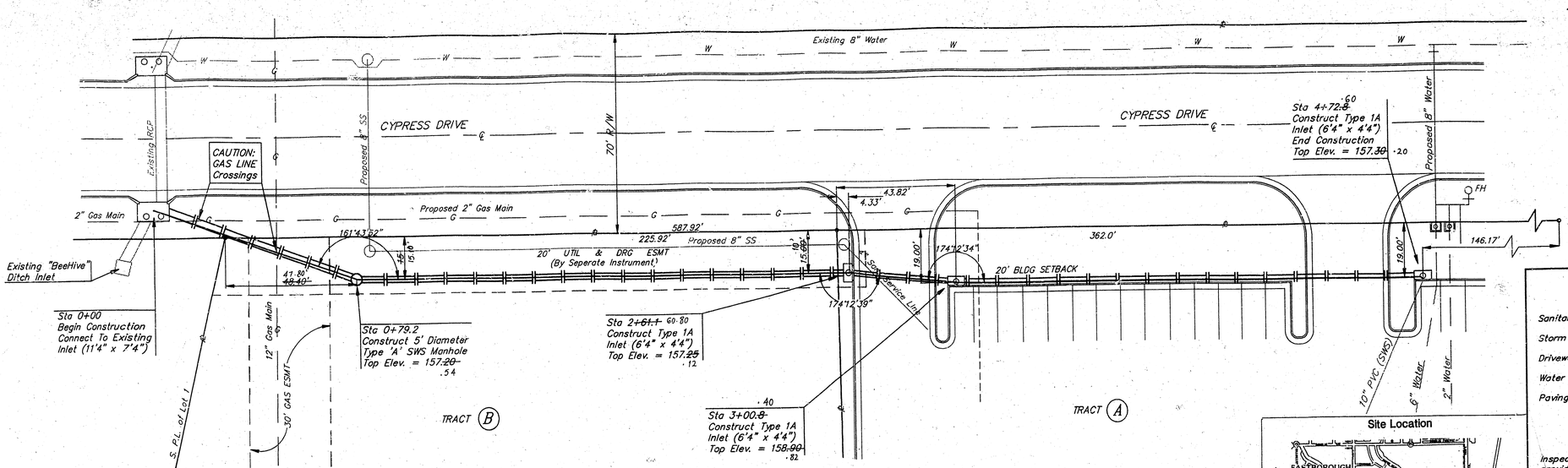
Revised - Feb. 16, 1989

CITY OF WICHITA STANDARD TYPE 1A
CURB INLET DETAILS
INLET OPENING = 6" x 5'-0"

PROJECT NUMBER 406 PPS 607861

SHEET C 12 OF

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



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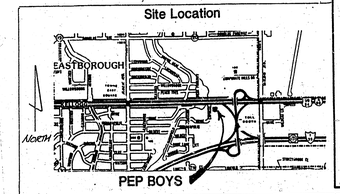
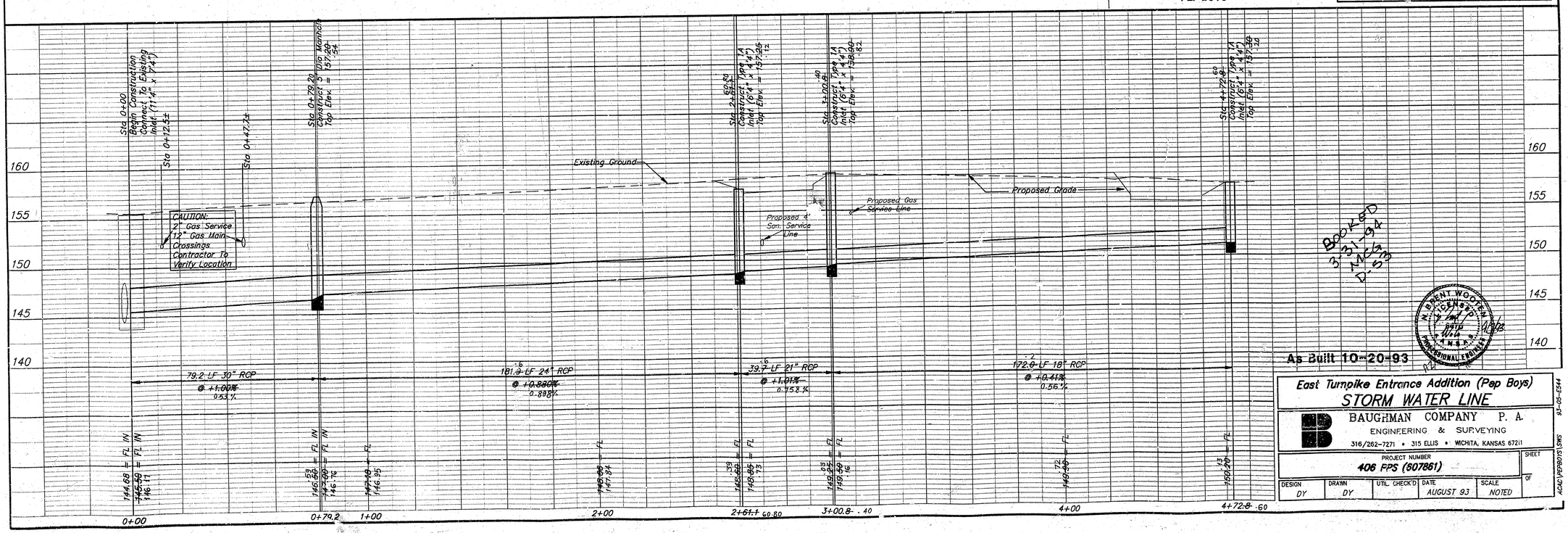


Lot 1

East Turnpike Entrance Addition



As Built 10-20-93

East Turnpike Entrance Addition (Pep Boys)
STORM WATER LINE

BAUGHMAN COMPANY P. A.
ENGINEERING & SURVEYING
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PROJECT NUMBER
406 PPS (807861)

SHEET OF

DESIGN	DRAWN	UTIL CHECK'D	DATE	SCALE
DY	DY		AUGUST 93	NOTED

93-05-5344
ACAD\PEPBOYS1.DWG

406 PPS