

**STORMWATER SEWER IMPROVEMENTS TO SERVE
LOT 1, BLOCK 1
CARRIAGE HOUSE PLAZA, FOURTH ADDITION
(HOME DEPOT WEST)**

Project Number
823 PPS 607861

CITY OF WICHITA, KANSAS
Michael E. Lindebak, P. E., City Engineer

BENCHMARK:

Cut "□" Top of Curb, N. Side
McCormick, in line with Q Recc
Elev. = 140.85 City Datum

GENERAL NOTES

- 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
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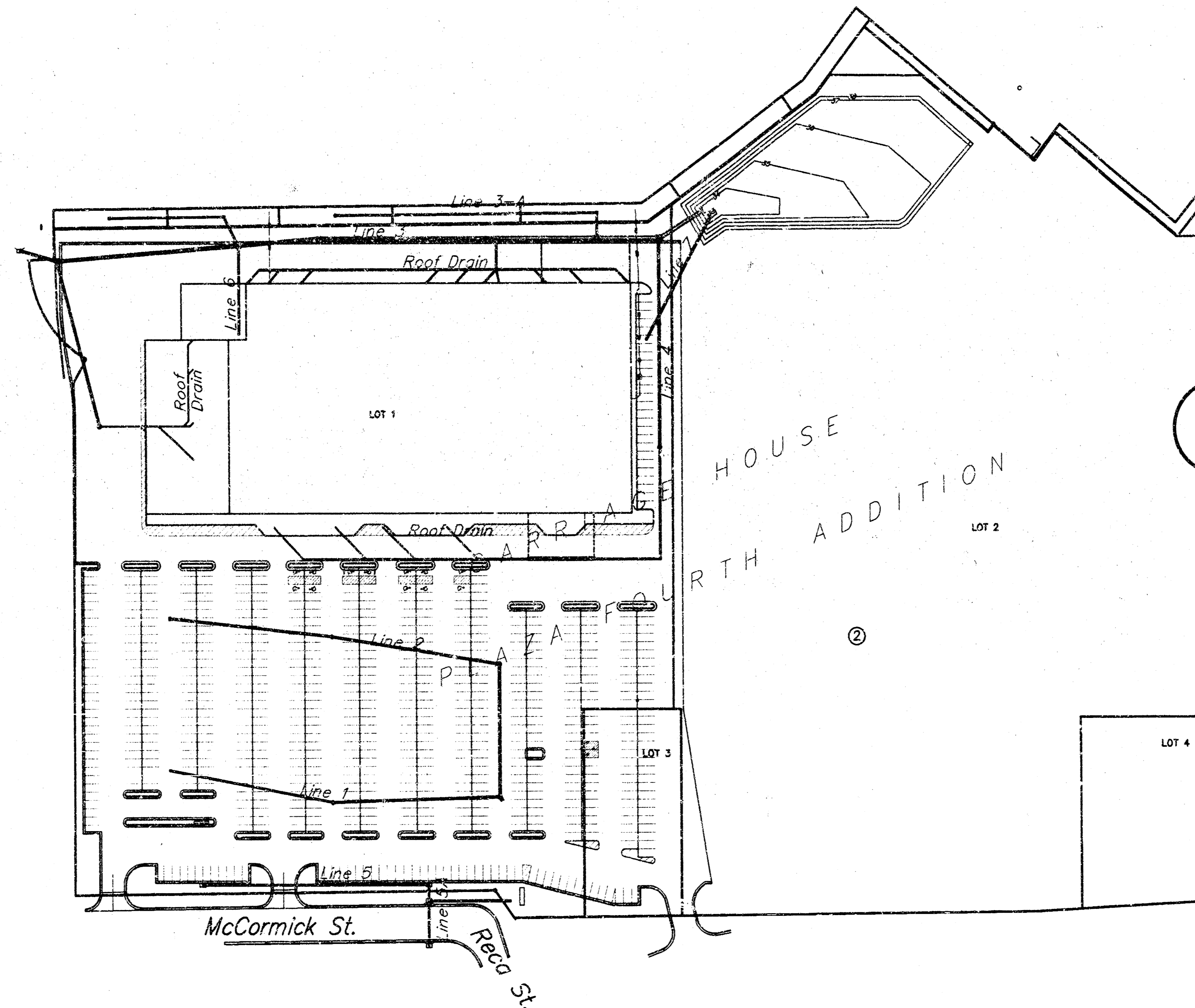
The Contractor must notify the following in case of an emergency:

Cablevision	262-4270
or	263-2061
K.P.L. Gas Service Company	383-8650
Kansas Gas & Electric Company	383-2600
Peoples Natural Gas	342-6350
or	263-8161
Southwestern Bell Telephone Company	1-571-2611
City of Wichita Water Department	268-4908
City of Wichita Sewer Department	268-4071
- Exist. utilities and their locations, 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 which do not conflict with proposed construction.
- The Contractor to verify utility locations prior to construction of this project.
- Utility service and installation shall be coordinated with the respective utility owners. Contacts are:

KG&E Gas	Shane Price	261-6867
K.G. & E.	Miles Capps	261-6434
Wichita Water	Chuck Steven	268-4555
	Joe Botinelly	268-4908
Southwestern Bell	Jim Tobin	268-2759
- All areas disturbed by construction operations shall be seeded with rye grass at a rate of 300 lbs./acre immediately following construction in that area. Ground shall be prepared per City of Wichita specifications prior to seeding.
- Traffic affected by the construction of this project shall be handled in accordance with the latest edition of the Manual on Uniform Traffic Control Devices.
- All pipe shall be Reinforced Concrete CI IV, Contech Ultra Flo or approved equivalent, unless otherwise noted.
- Roof drains not a part of this private project. Permit required from Office of Central Inspection for roof drains.
- Public easement by separate instrument required for SWS Line 3. Line 3 to be publicly owned and maintained.

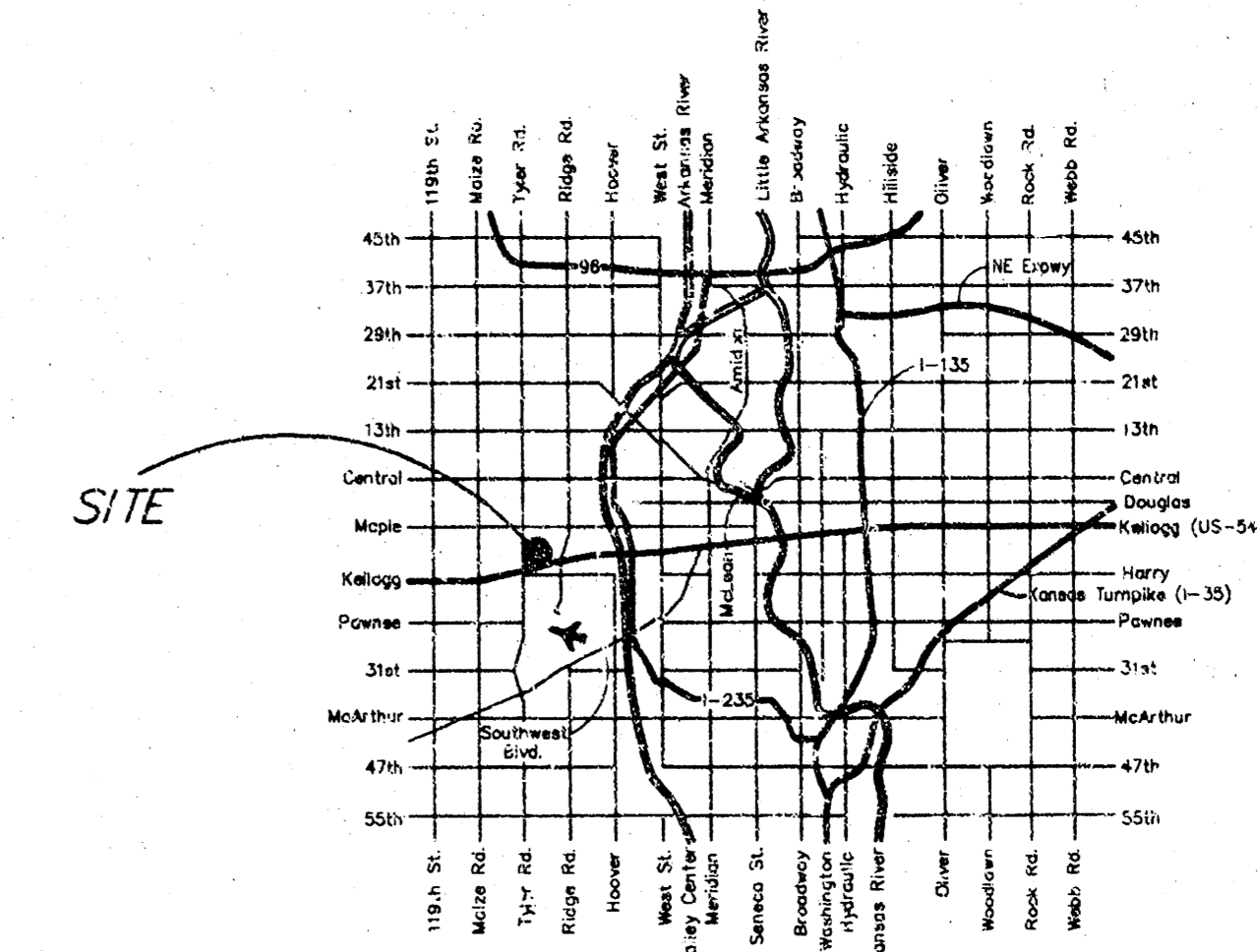
APPROVED AS NOTED BY CITY ENGINEER OF WICHITA
 STORM SEWERS VRH 9/15/98

Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is 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 work be commenced without written authorization by the City Engineer. All construction and materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

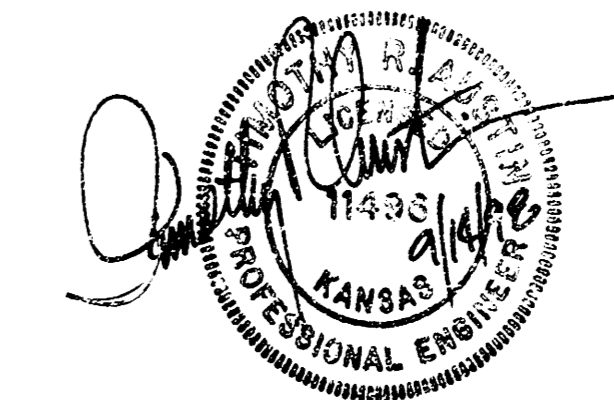


INDEX

- Cover Sheet
- 2-8 Plan & Profile Sheets
- Detention Pond Details

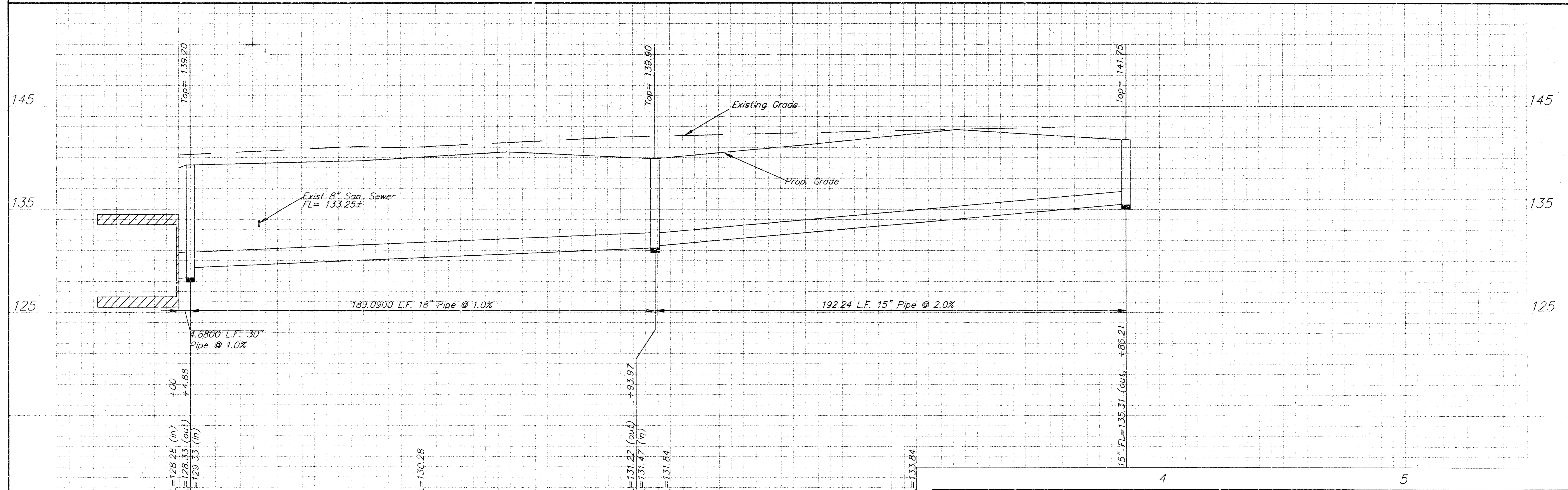
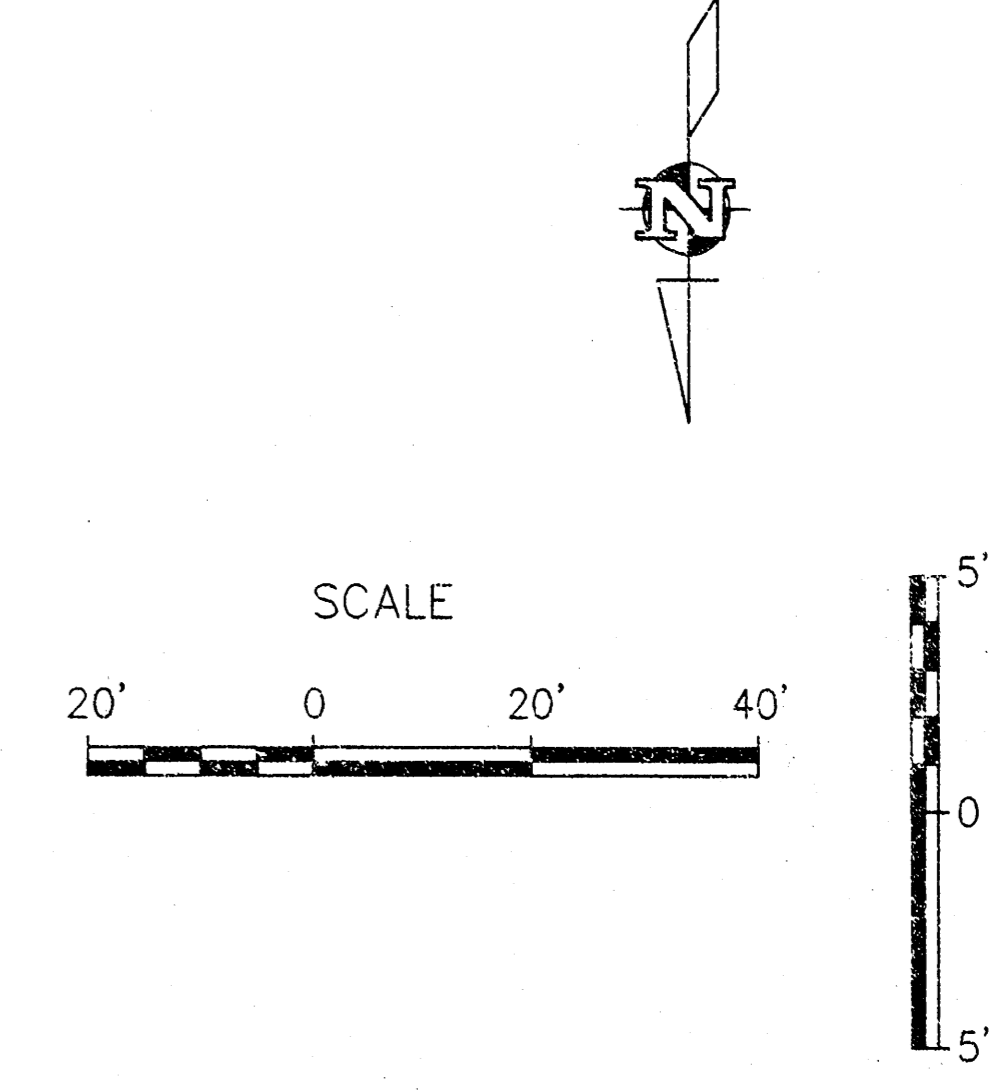
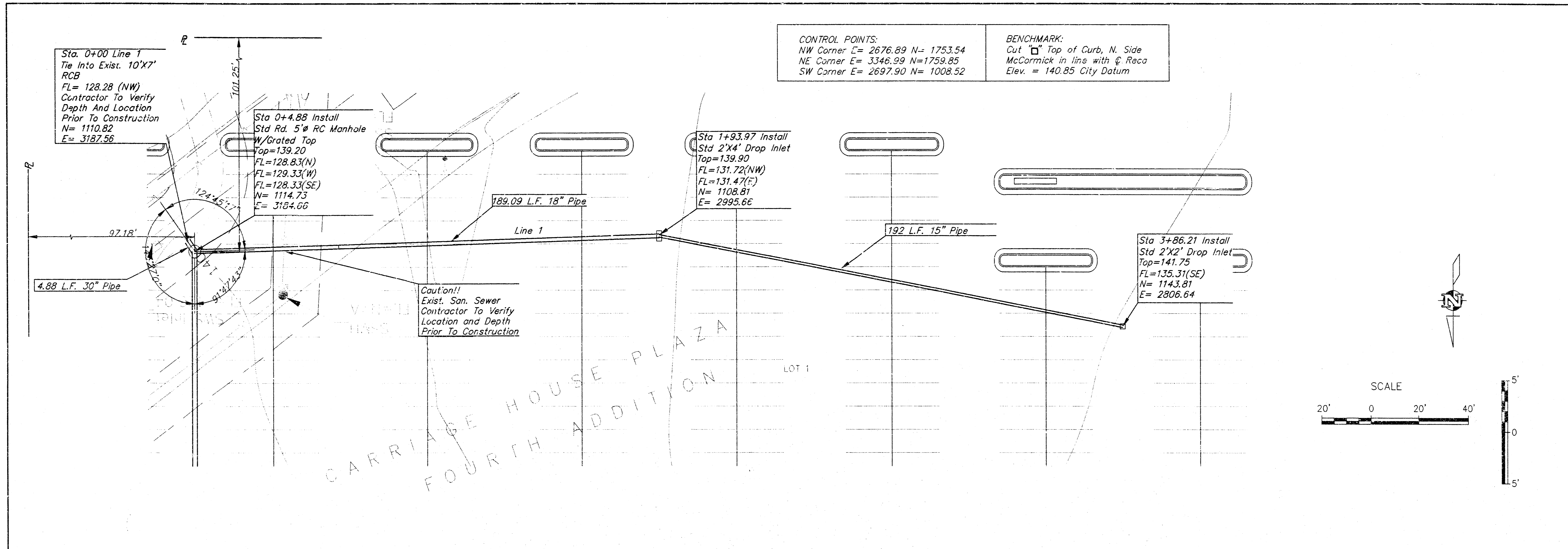


LOCATION MAP

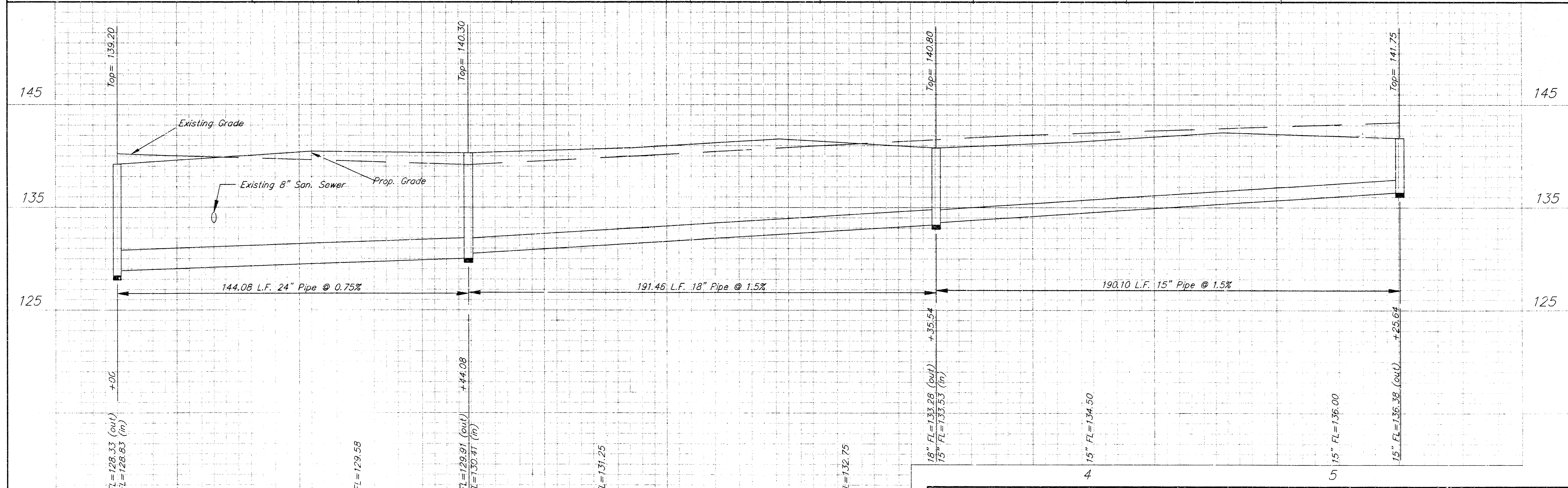
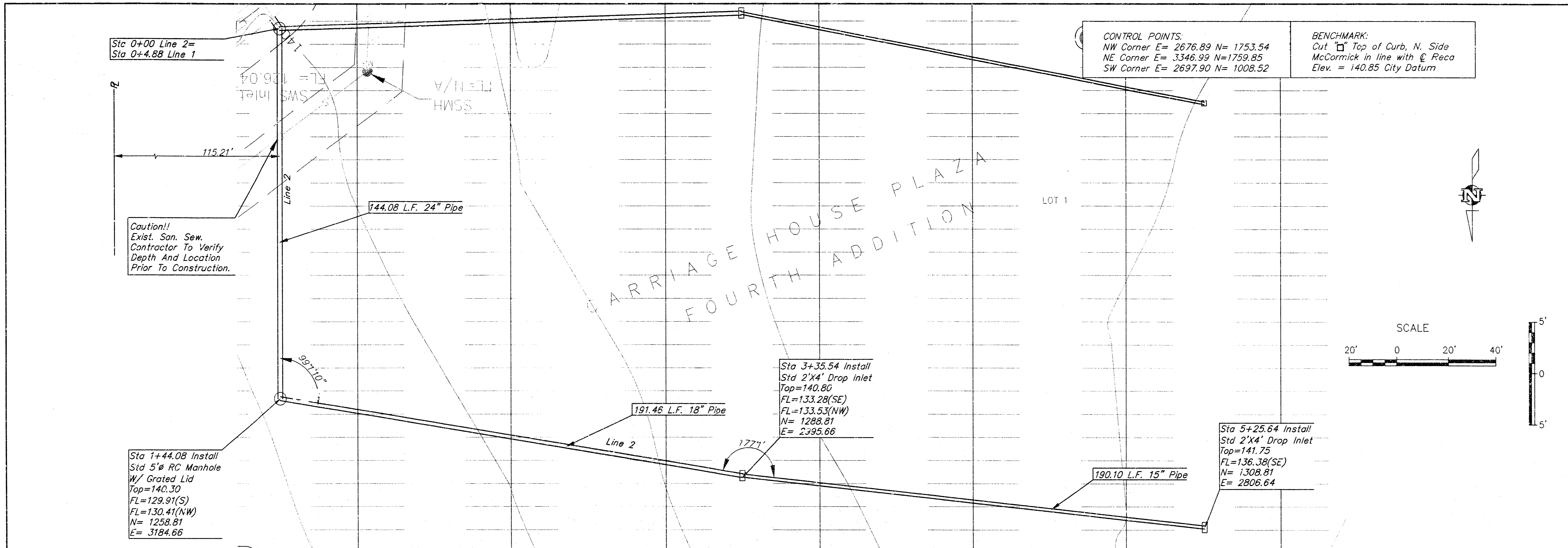


ENGINEERING SERVICES

254 S. Laurel Suite 210 Wichita, KS 67211
316/262-1281 fax 316/262-6773



PROJECT NUMBER 823 PPS 607861				AM NO. 992665	LOT 1, BLK 1, CARRIAGE HOUSE PLAZA 4TH ADD.	SHEET 2
DESIGN DK	DRAWN MY	FILE SWS1	DATE 7-6-98	SCALE 1"=20'	SWS LINE 1 HOME DEPOT, WEST WICHITA, KS	OF 9
						REVISIONS 9-14-98



	PROJECT NUMBER		AM NO.	LOT 1, BLK1, CARRIAGE HOUSE 4TH ADD. SWS LINE 2 HOME DEPOT, WEST WICHITA, KS.	SHEET 3 OF 9 REVISED 9/16/98
	832 PPS 607881		3926.5		
DESIGN	DRAWN	FILE	DATE	SCALE	
DK	MY	SWS2	7/6/98	1"=20'	

Sta 0+58.5 Line 3
 =Sta 0+00 Line 4
 Install 1-Std. Type
 1-A Curb Inlet
 w/5'-0" Opening
 L=7'-11"
 Top=142.00
 FL= 135.17(S)
 FL= 133.74(W)
 FL= 133.64(NE)
 N= 1721.99
 E= 3368.11

58.5 L.F. 36" Pipe

Sta 0+00 SWS Line 3
 Install 1-36" Conc.
 End Section
 w/5 Sq. Yds. Light Stone
 Rip-Rap
 FL=133.50
 N= 1750.46
 E= 3418.13

Sta 1+27.08 SWS Line 3
 Install 1-Std 5'x5' RC
 Manhole
 Top= 144.40
 FL= 133.84(E)
 FL= 133.94(W)
 FL= 135.94(N)
 FL= 135.59(S)
 N= 1721.33
 E= 3299.45

68.58 L.F. 36" Pipe

115.62 L.F. 36" Pipe

27.47 L.F. 12" PVC Pipe

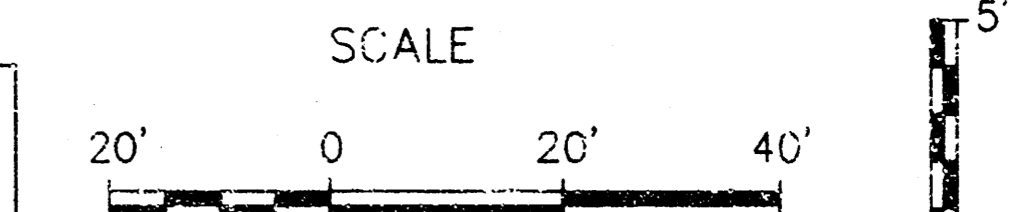
Install 1-2'x2' Std.
 Drop Inlet
 Top= 139.20
 FL= 136.03(S)
 FL= 136.13(W)
 N= 1753.80
 E= 3299.45

Sta 2+42.70 SWS Line 3
 Install 1-Std. Type 1-A Curb
 Inlet w/5'-0" Opening
 L=6'-4"
 W=6'-4"
 Top= 143.55
 FL= 134.11(E)
 FL= 134.61(W)
 FL= 136.11(S)
 N= 1721.33
 E= 3183.90

Install 1-2'x2' Std.
 Drop Inlet
 Top= 139.30
 FL= 136.61(E)
 FL= 136.71(W)
 N= 1752.45
 E= 3139.44

Install 1-2'x2' Std.
 Drop Inlet
 Top= 140.25
 FL= 137.12(E)
 N= 1751.29
 E= 3001.94

Sta 4+42.70 SWS Line 3
 Install 1-Std. Type 1-A Curb
 Inlet w/5'-0" Opening,
 L=6'4", W=5'4"
 Top= 143.55
 FL= 135.11(W)
 FL= 135.01(E)
 FL= 136.26(S)
 N= 1721.33
 E= 2983.90



CONTROL POINTS:
 NW Corner E= 2676.89 N= 1753.54
 NE Corner E= 3346.99 N=1759.85
 SW Corner E= 2697.90 N= 1008.52

BENCHMARK:
 Cu: Top of Curb, N. Sid's
 McCormick in line with C Recc
 Elev. = 140.85 City Datum

HOME DEPOT

CARRIAGE HOUSE
 FOURTH ADDITION

LOT 1

Match Line
 Sta. 5+00

Match Line
 Sta. 0+00

58.50 L.F. 36" Pipe @ 0.24%

68.58 L.F. 36" Pipe @ 0.15%

115.62 L.F. 36" Pipe @ 0.15%

200' L.F. 30" Pipe @ 0.20%

57.30 L.F. 30" Pipe 0.30%

36" FL 133.50

36" FL 133.64 +58.50
 36" FL 133.74

36" FL 133.80

36" FL 133.84 +27.08
 36" FL 133.94

36" FL 134.05

36" FL 134.11 +42.70
 30" FL 134.61

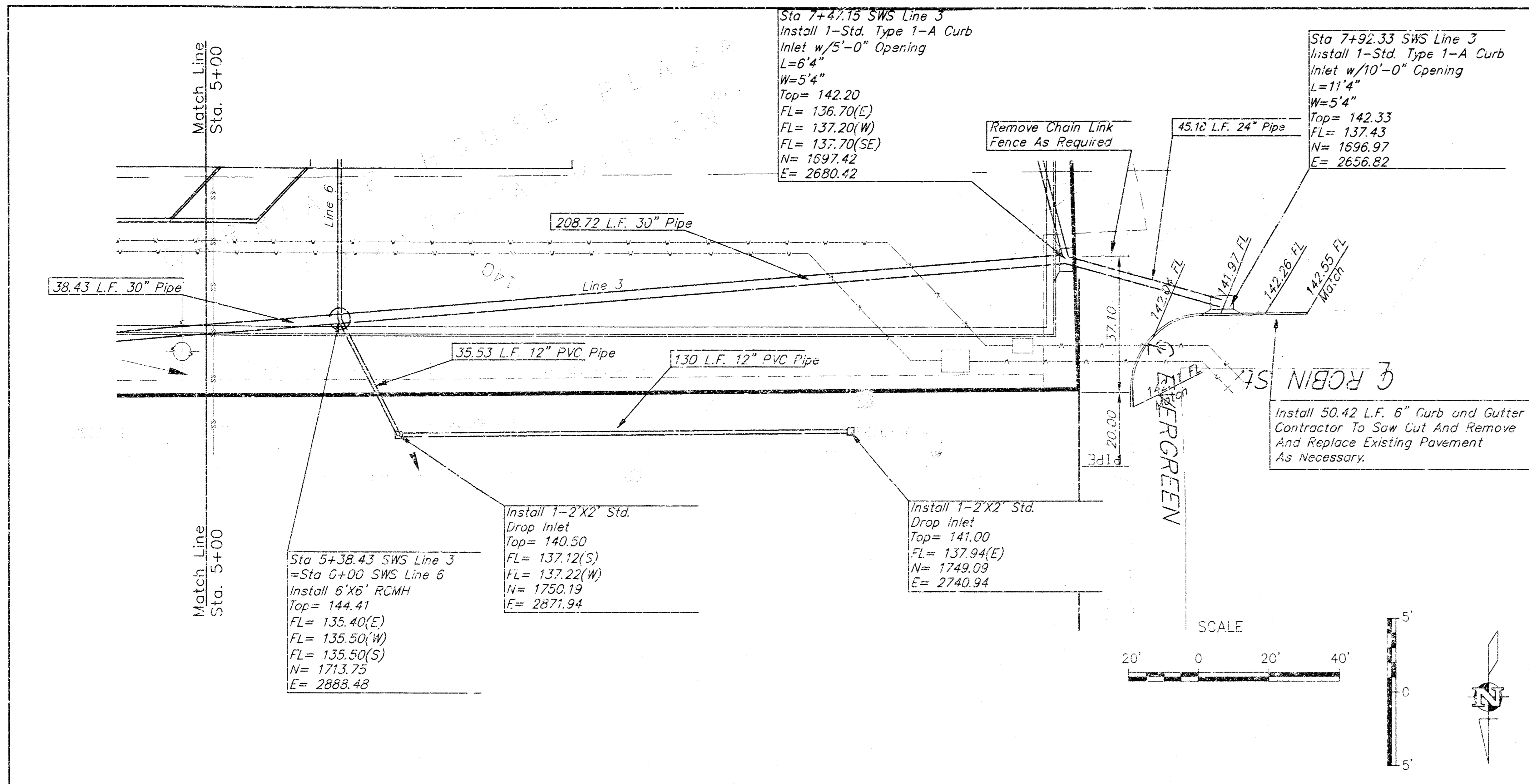
30" FL 134.72

30" FL 134.92

30" FL 135.01 +42.70
 30" FL 135.11

30" FL 135.28

DESIGN DK	DRAWN JG	FILE SWS3-1	DATE 7-6-98	SCALE 1"=20'	PROJECT NUMBER 823 PPS 607881	AM NO. 98065	LOT 1, BLK 1, CARRIAGE HOUSE 4TH ADD.	SHEET 4
					SWS LINE 3		HOME DEPOT WEST, WICHITA, KS.	OF 9



SCALE
20' 0 20' 40'

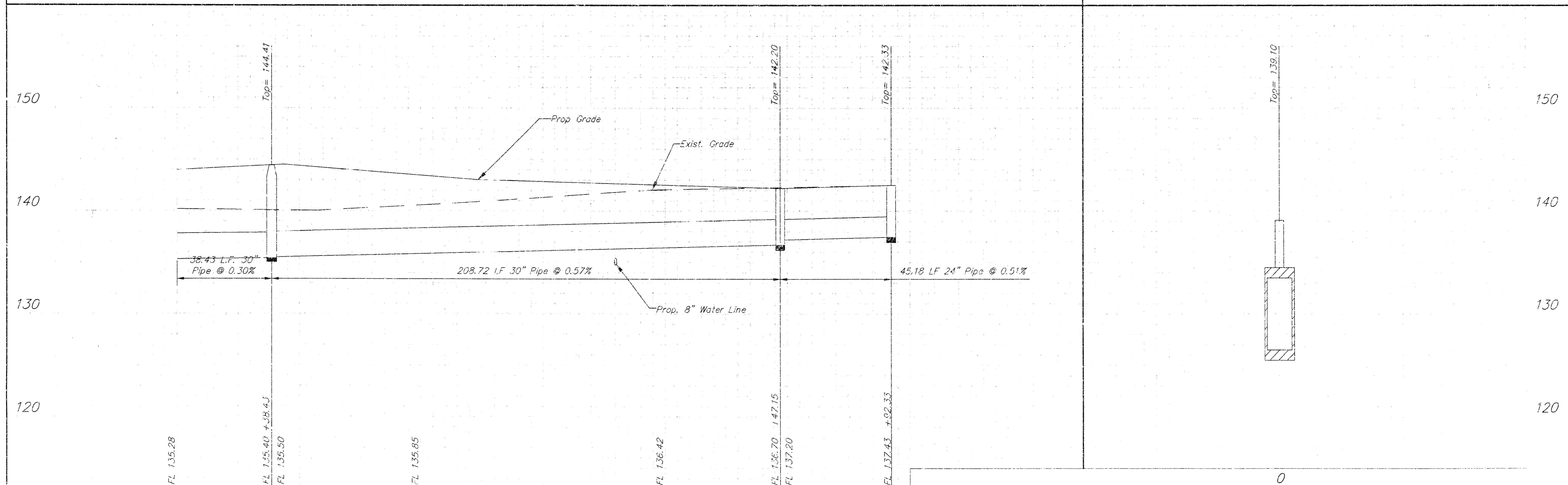
5'
0
5'

<p>CONTROL POINTS: NW Corner E= 2676.89 N= 1753.54 NE Corner E= 3346.99 N=1759.85 SW Corner E= 2697.90 N= 1008.52</p>	<p>BENCHMARK: Cut \square Top of Curb, N. Side McCormick in line with \odot Recco Elev. = 140.85 City Datum</p>
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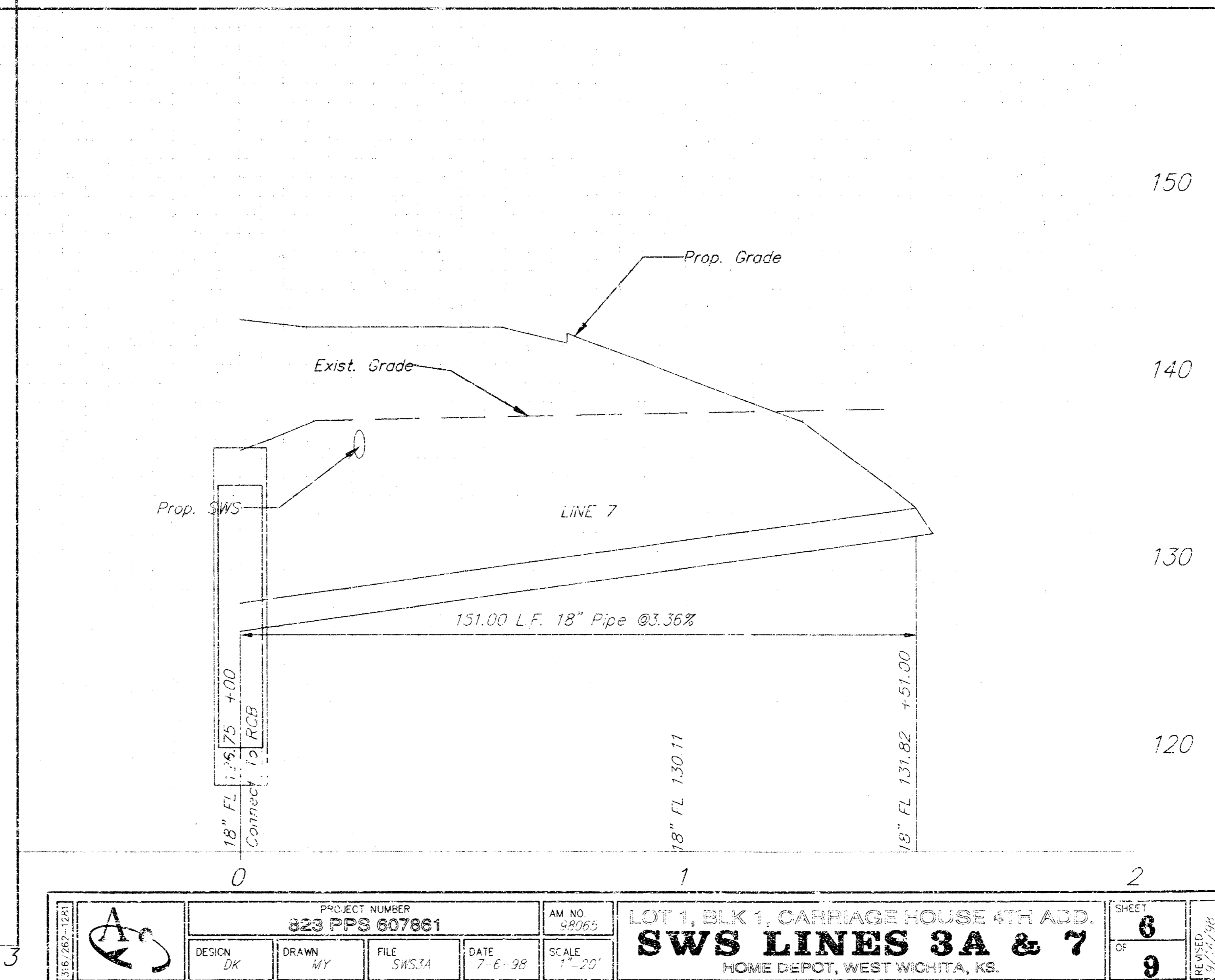
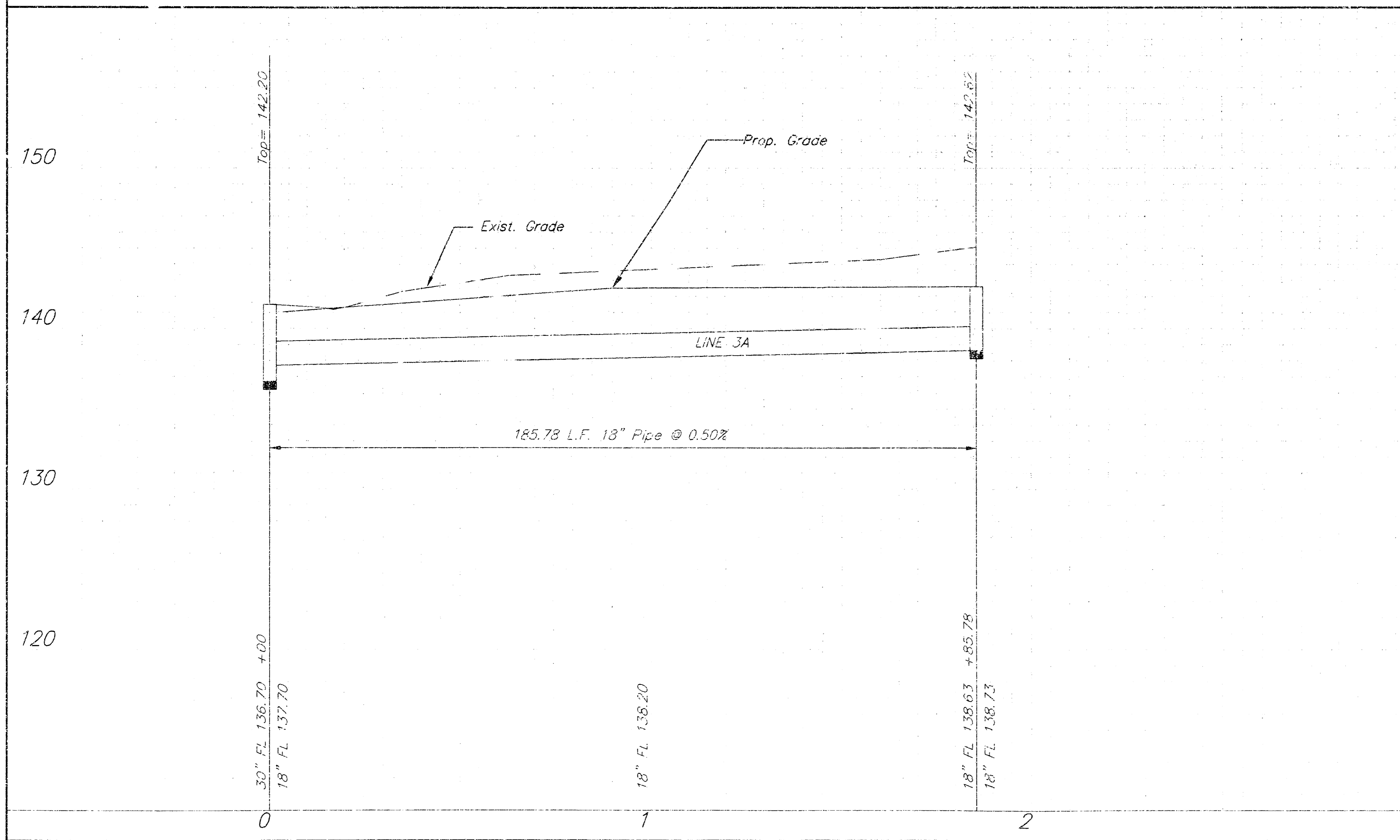
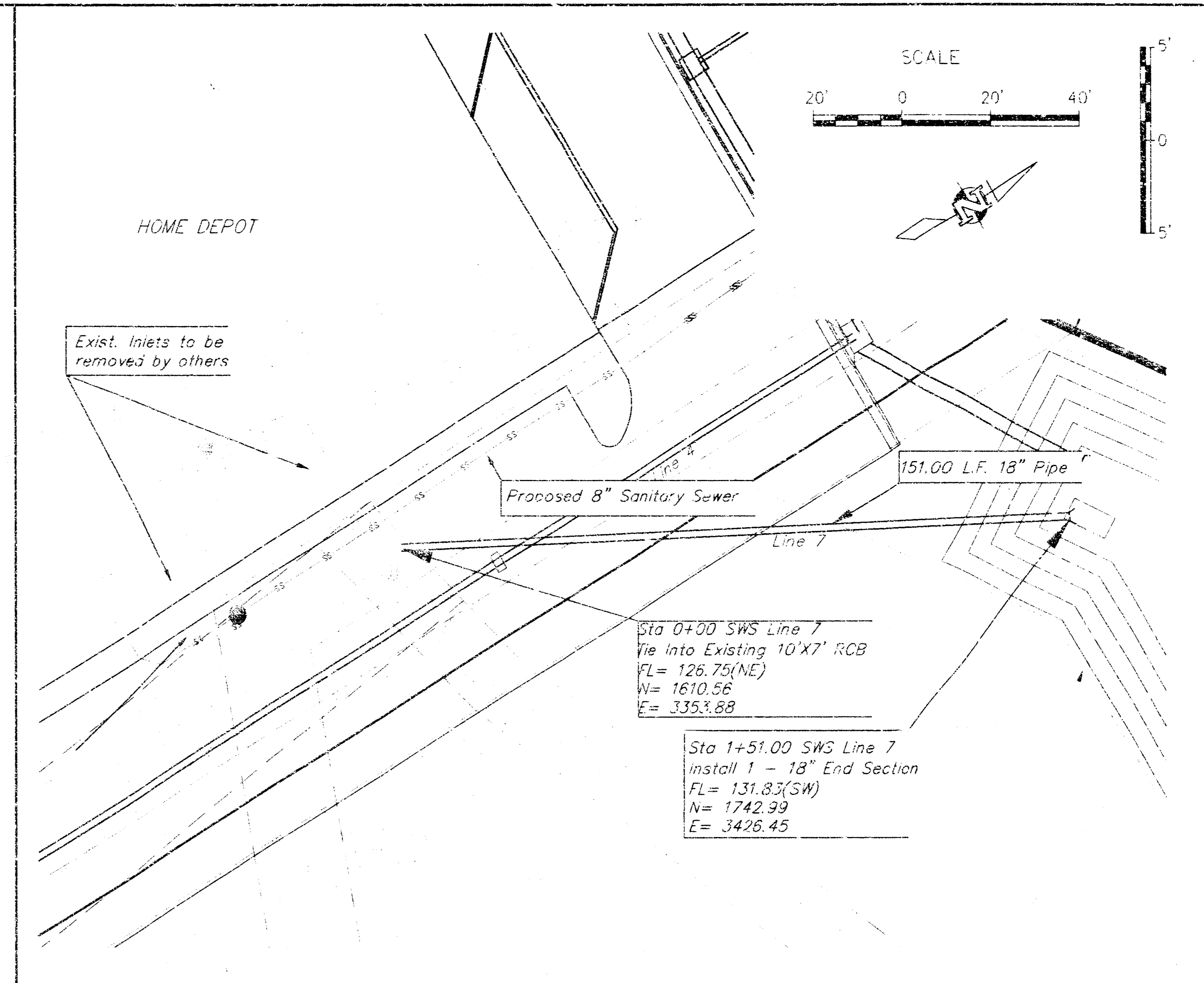
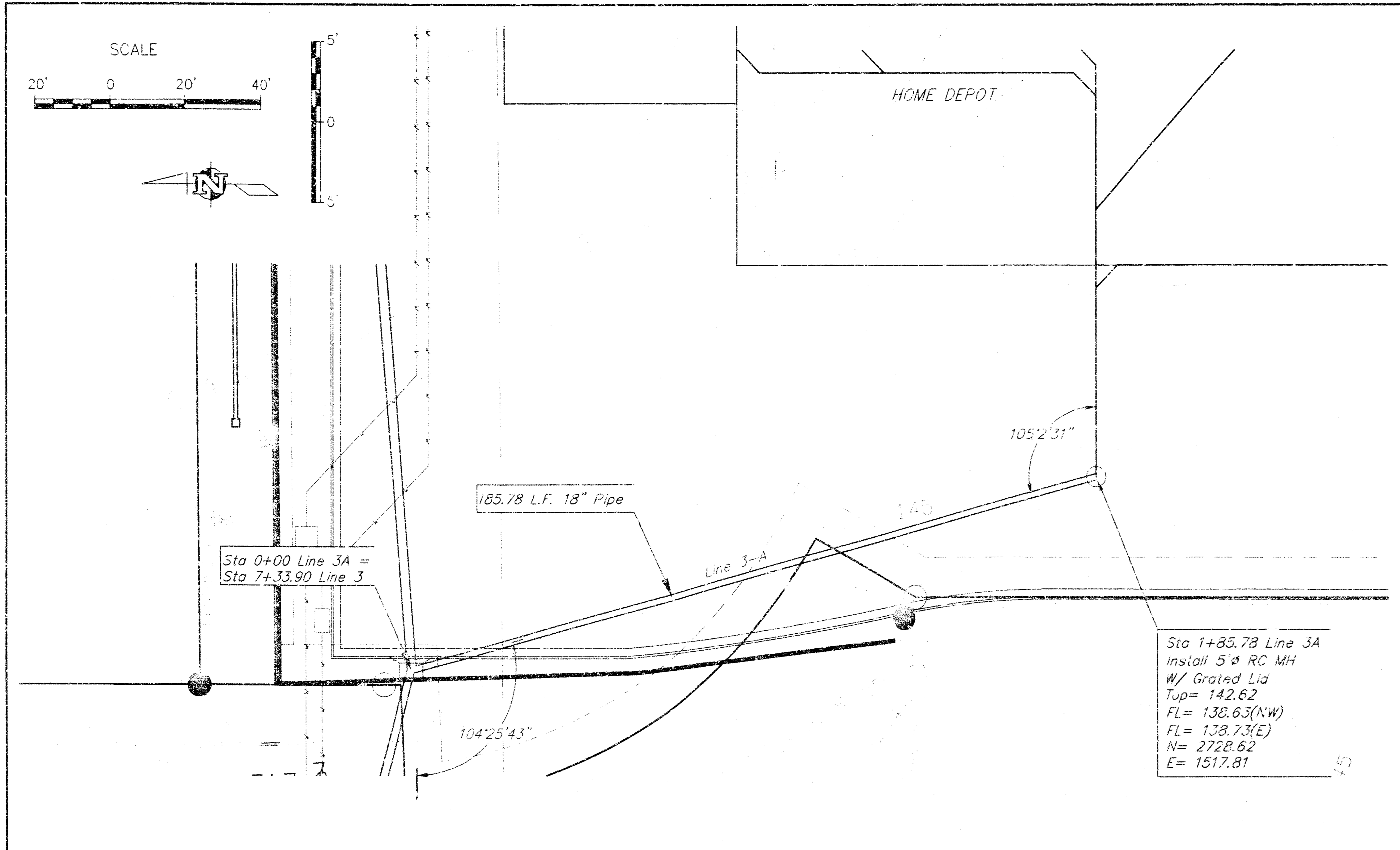
SCALE
20' 0 20' 40'

5'
0
5'

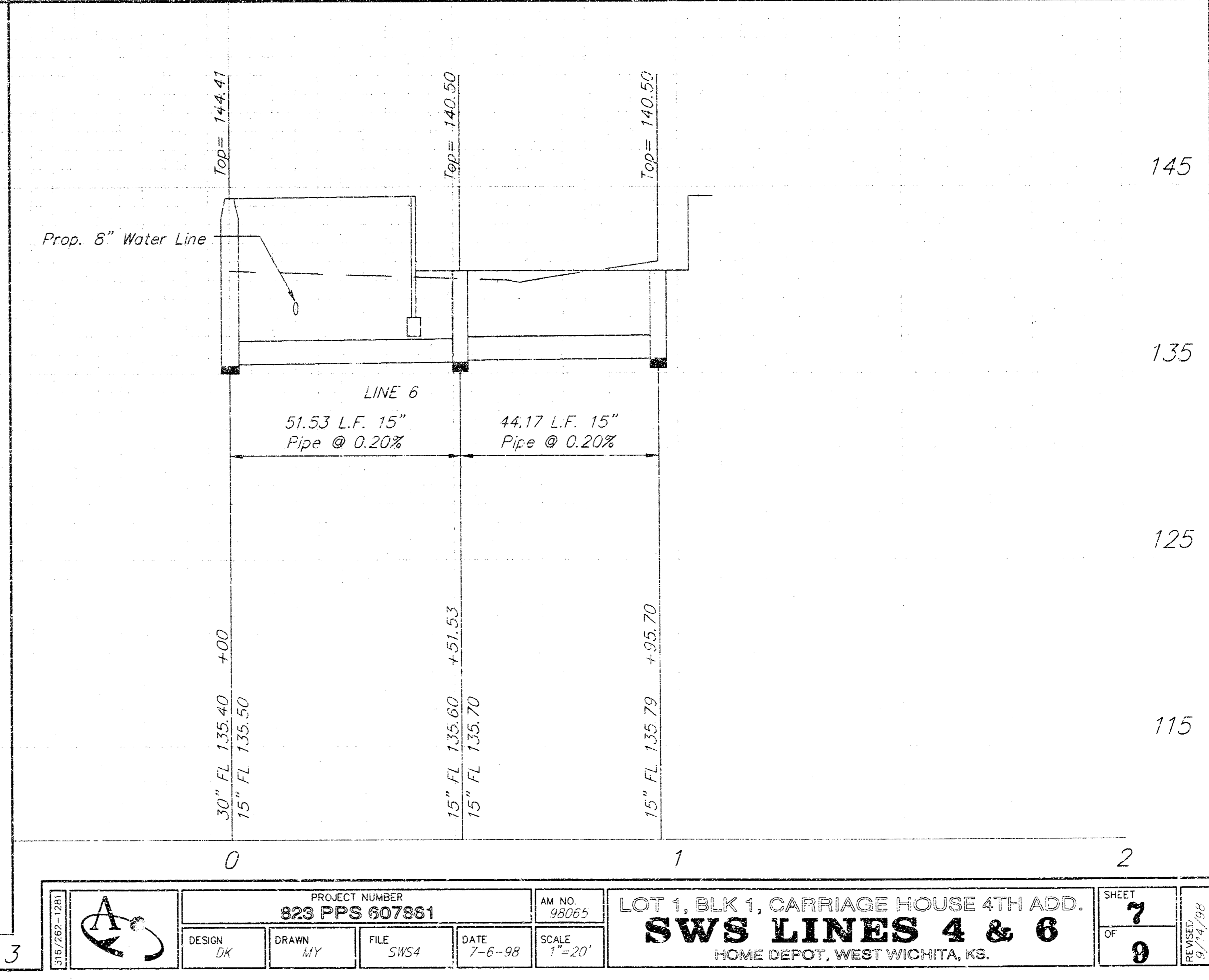
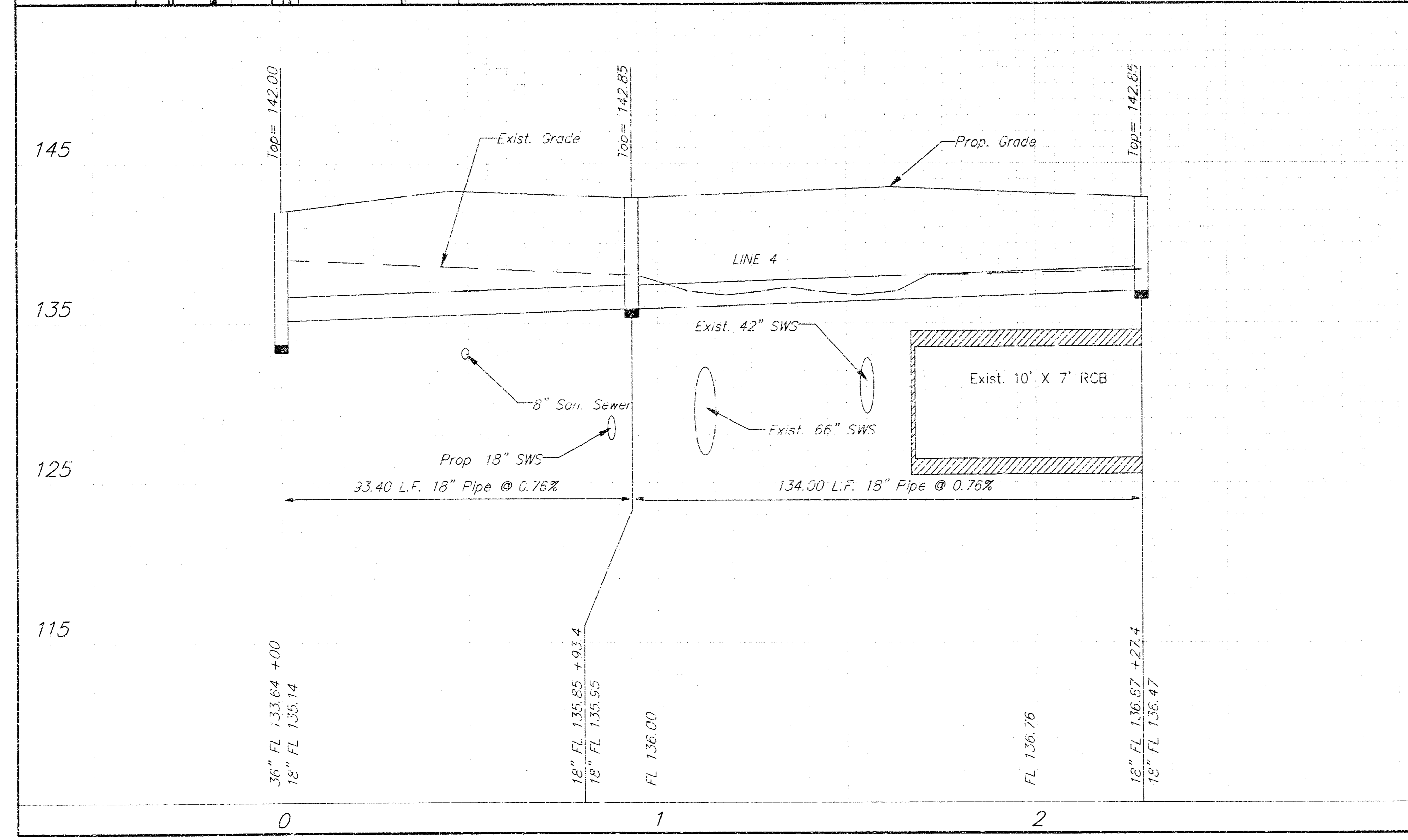
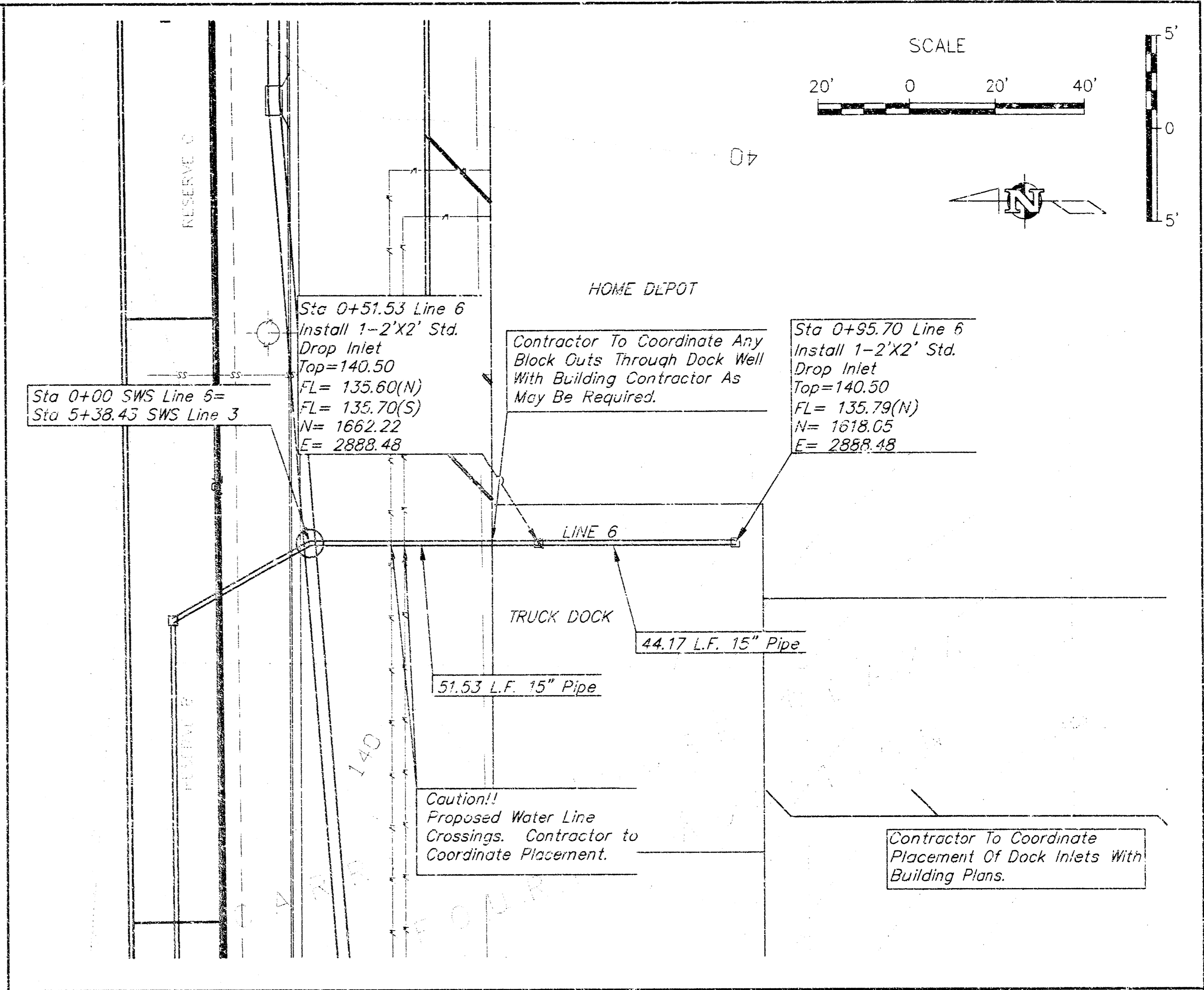
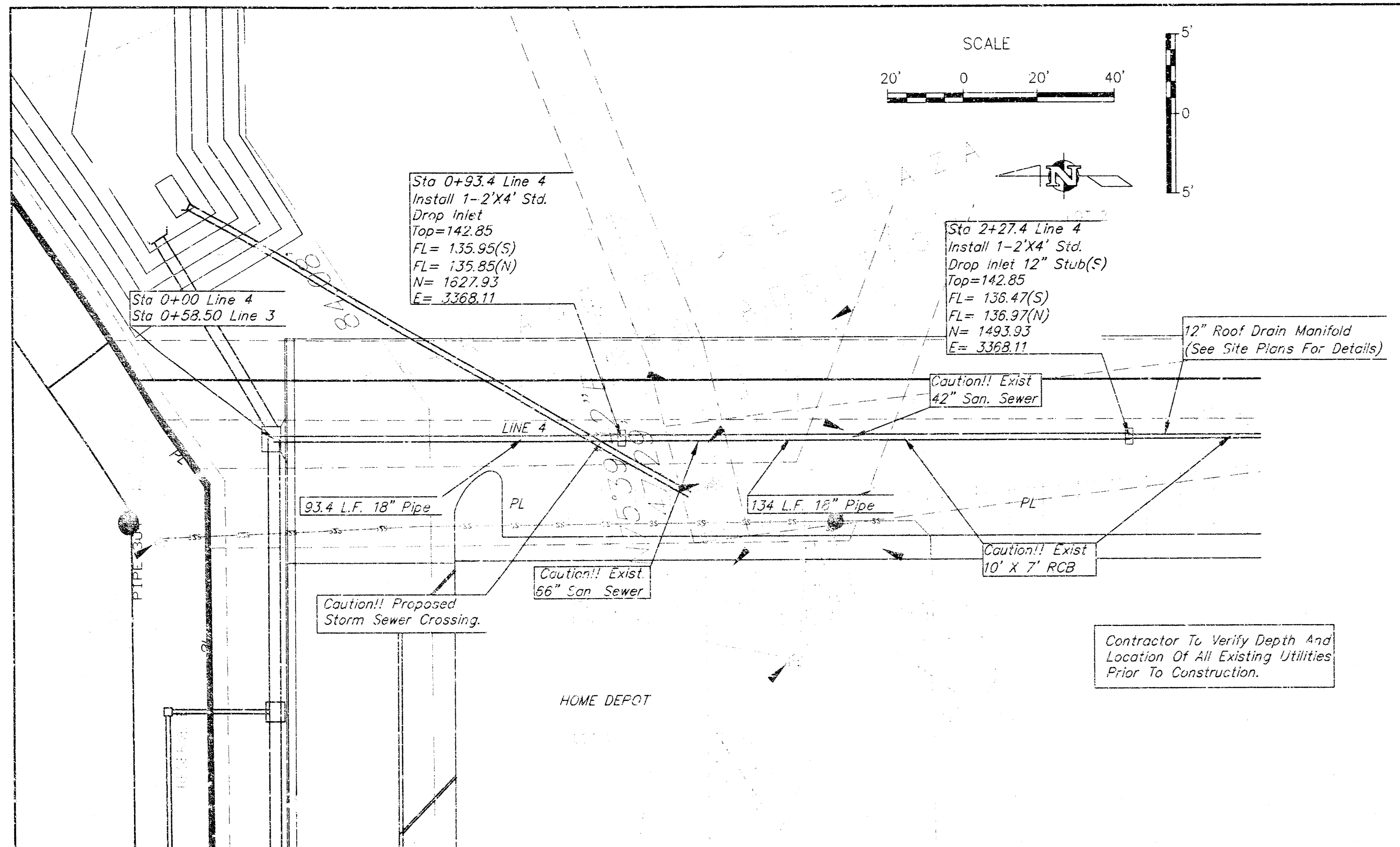
Note:
Contractor To Verify Elevation And Location Of Inlet



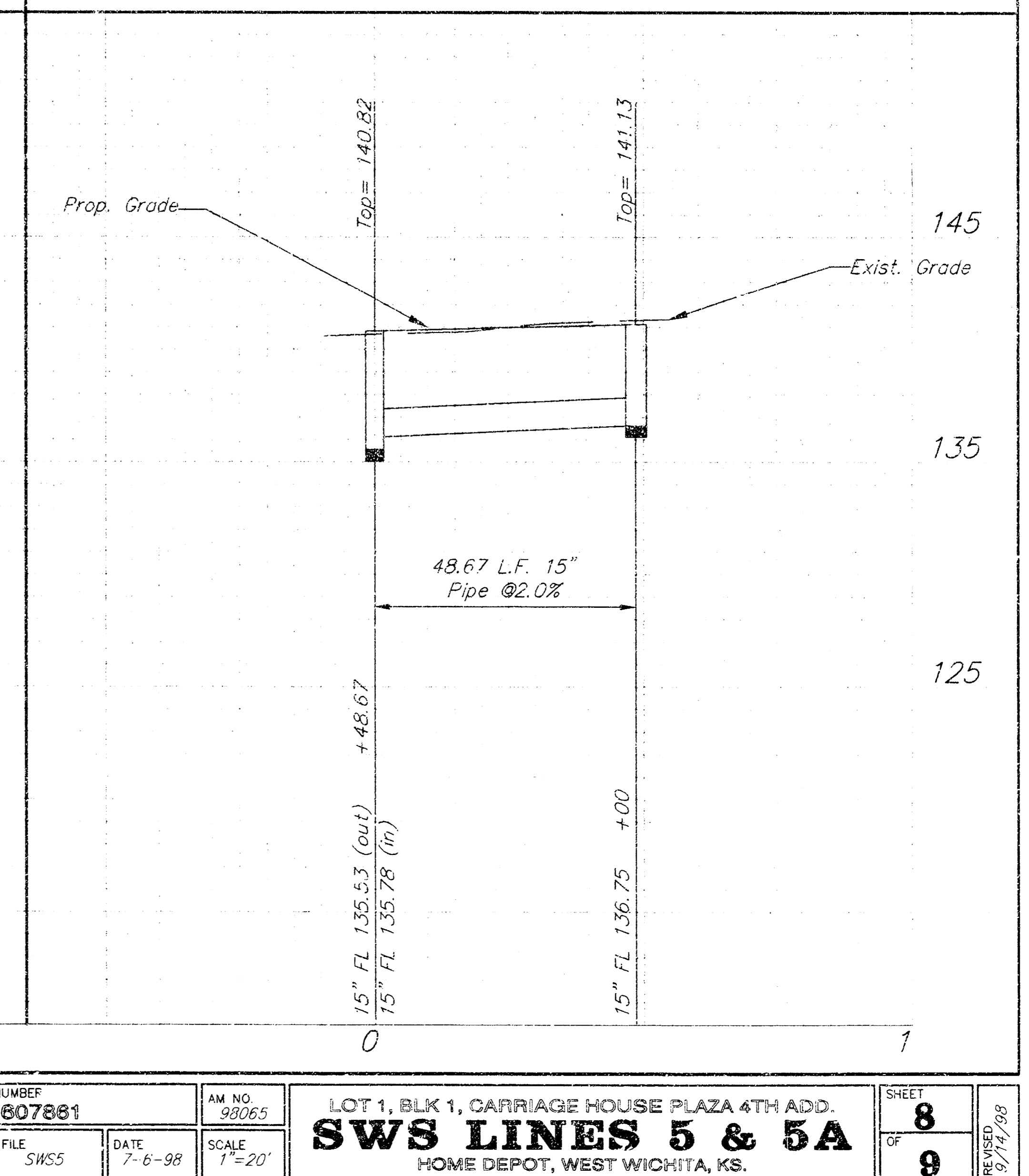
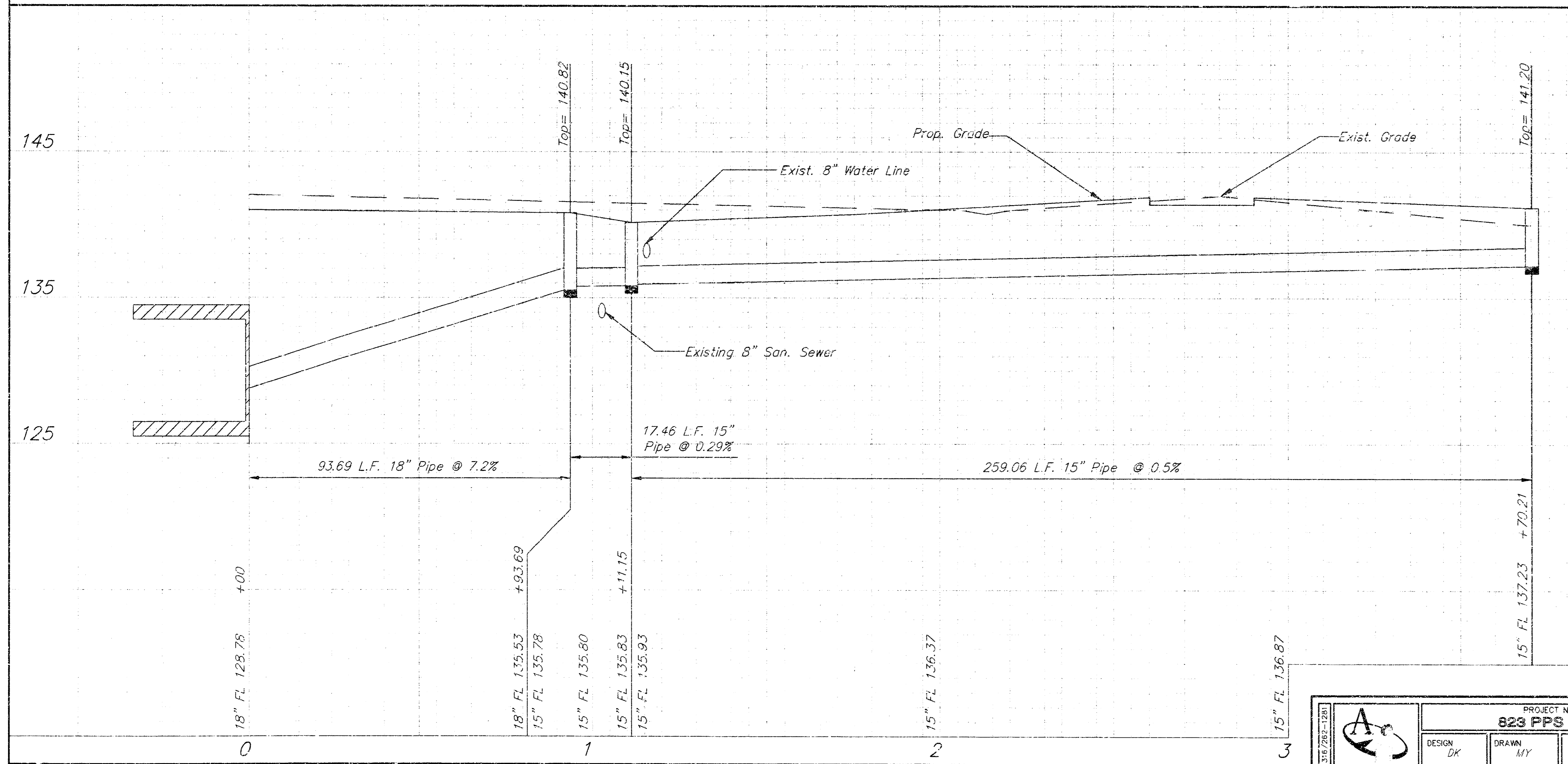
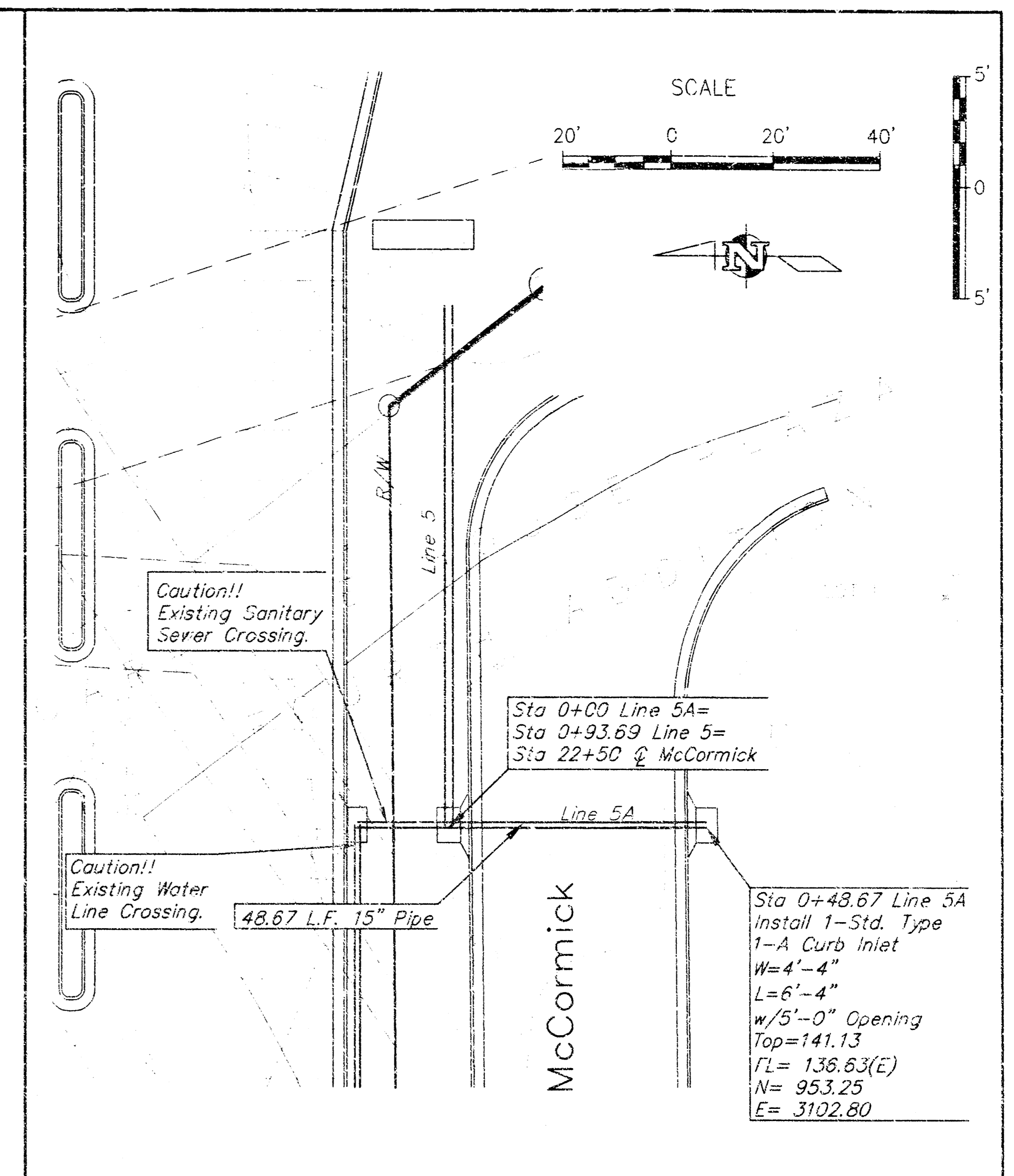
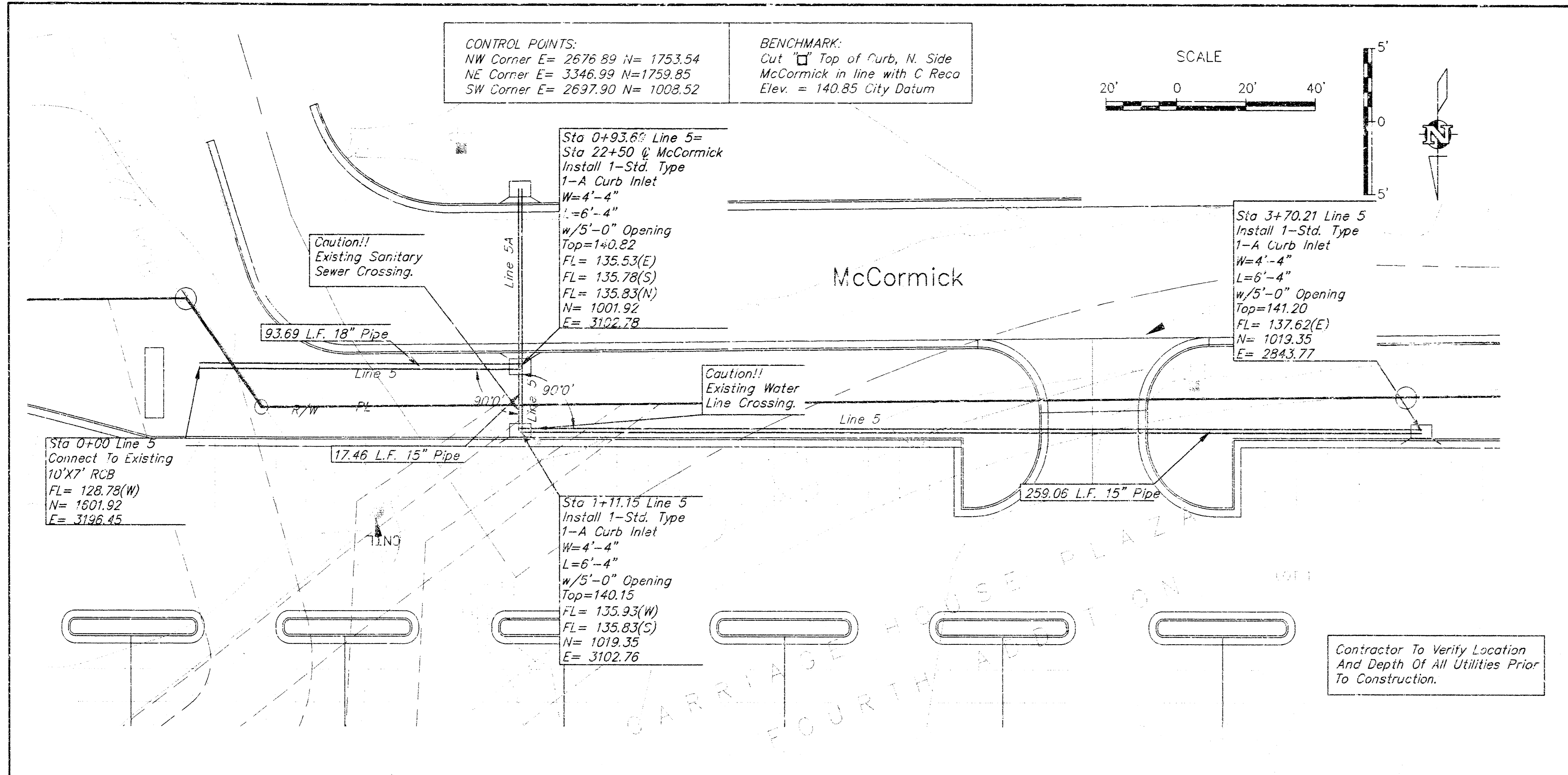
	PROJECT NUMBER 823 PFS 807861			AM NO. 98065	LOT 1, BLK 1, CARRIAGE HOUSE 4TH ADD. SWS LINE 3 HOME DEPOT, WEST WICHITA, KS.	SHEET 5
	DESIGN DK	DRAWN JC	FILE SWSJ-2	DATE 7-6-98		SCALE 1"=20'



DESIGN OK	DRAWN MY	FILE S45.14	DATE 7-6-98	SCALE 1"=20'	PROJECT NUMBER 823 PPS 607861	AM NO. 42965	LOT 1, BLK 1, CARRIAGE HOUSE 4TH ADD. SWS LINES 3A & 7 HOME DEPOT, WEST WICHITA, KS.	SHEET 6 OF 9	REVISIONS 1/2/98

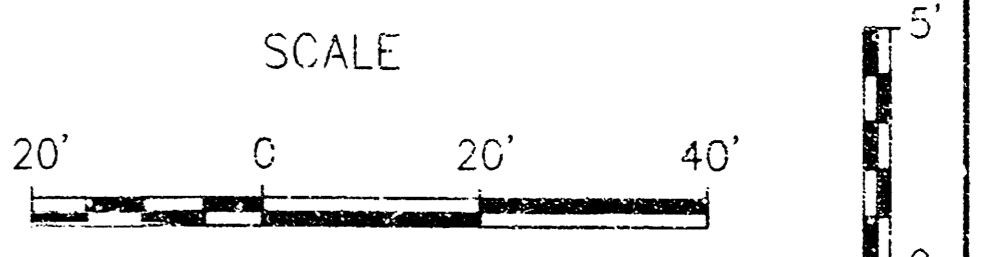
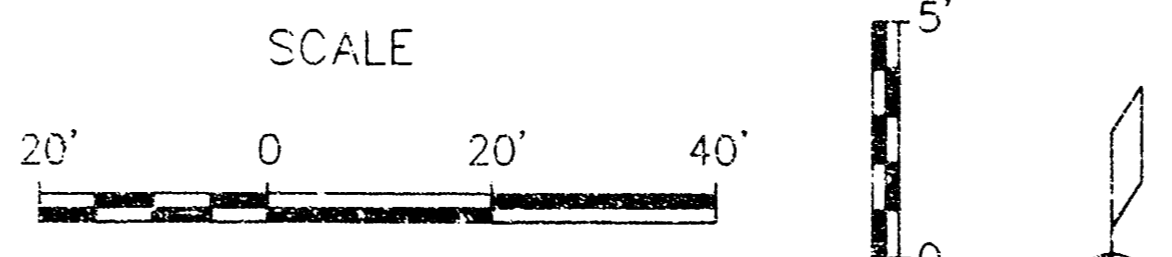


	PROJECT NUMBER 923 PPS 607961		AM. NO. 99265	LOT 1, BLK 1, CARRIAGE HOUSE 4TH ADD. SWS LINES 4 & 6 HOME DEPOT, WEST WIGHTA, MS.	SHEET 7 OF 8
	DESIGN DK	DRAWN HY	FILE SWS4		



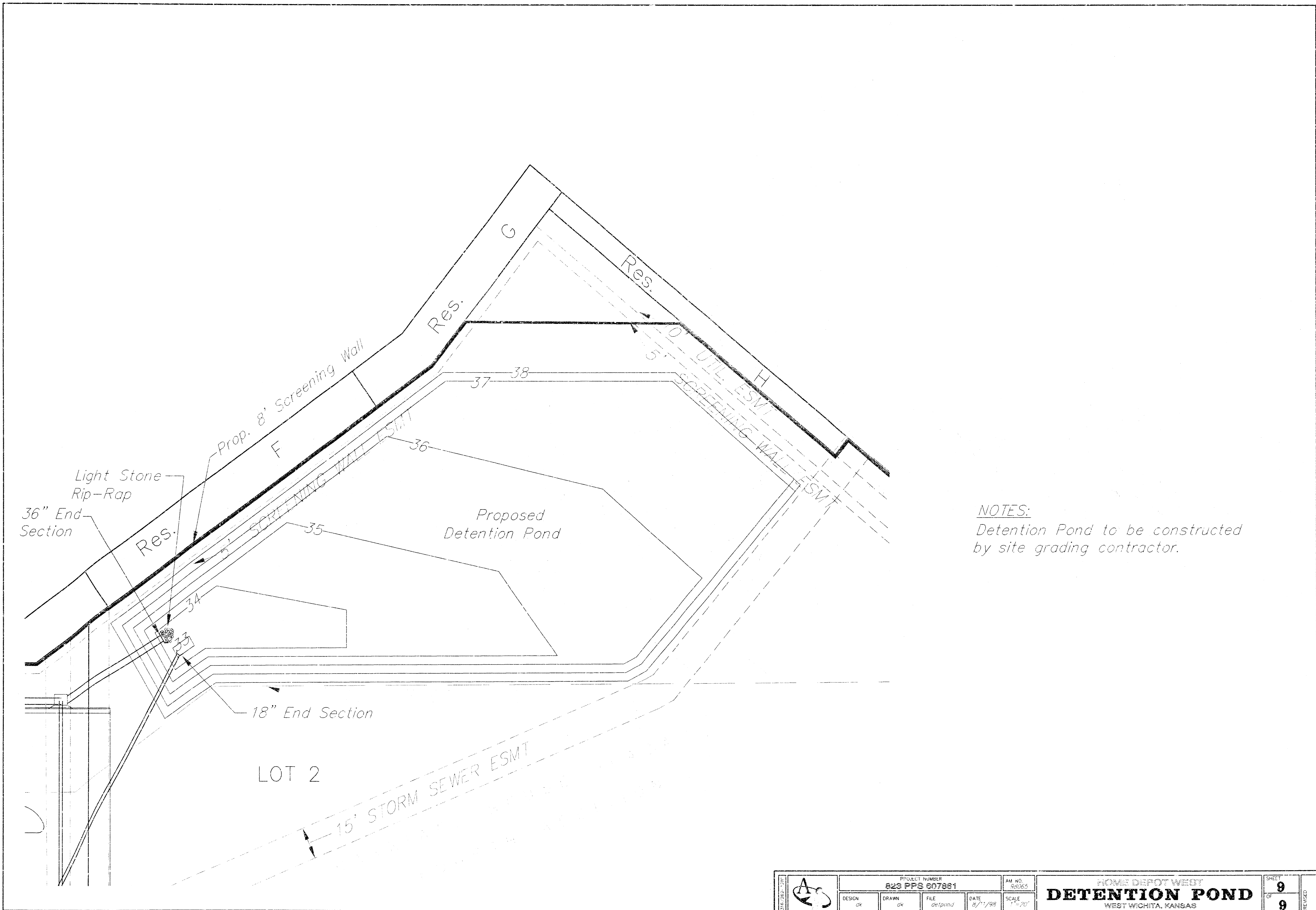
CONTROL POINTS:
 NW Corner E= 2676.89 N= 1753.54
 NE Corner E= 3346.99 N=1759.85
 SW Corner E= 2697.90 N= 1008.52

BENCHMARK:
 Cut \square Top of Curb, N. Side
 McCormick in line with C Reco
 Elev. = 140.85 City Datum



Contractor To Verify Location
 And Depth Of All Utilities Prior
 To Construction.

PROJECT NUMBER 823 FPS 607861		AM. NO. 98065	LOT 1, BLK 1, CARRIAGE HOUSE PLAZA 4TH ADD. SWS LINES 5 & 5A HOME DEPOT, WEST WICHITA, KS.	SHEET 8 OF 9
DESIGN DK	DRAWN MY	FILE SWS5	DATE 7-6-98	SCALE 1"=20'



NOTES:
 Detention Pond to be constructed
 by site grading contractor.

	PROJECT NUMBER 823 PPS 607881				AM. NO. 608065	HOME DEPOT WEST DETENTION POND WEST WICHITA, KANSAS	SHEET 9
	DESIGN OK	DRAWN OK	FILE ok/pjnd	DATE 6/1/99	SCALE 1"=20'		OF 9