STORM WATER DRAIN

TO SERVE

LARK 4TH ADDITION

Private Project No.

698PPS (607861)

CITY OF WICHITA, KANSAS

Michael E. Lindebak City Engineer

March, 1997

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	687-2410

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	383-8600
Arkla Gas Company	942-8350
Southwestern Bell Telephone Company	1-571-2611
City of Wichita Water Department	268-4908
City of Wichita Sewer Maintenance	268-4071
Central Kansas Railway	263-3113

2. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

3. Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. 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.

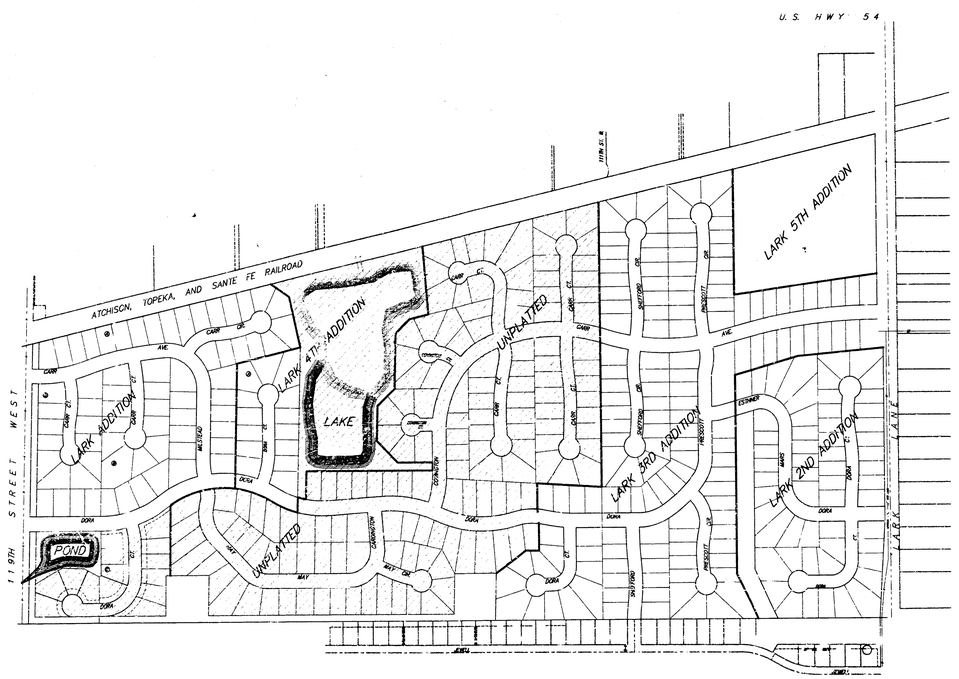
4. The Contractor shall clear all street right-of ways of any debris and vegetation prior to placement of fill material. Lot areas may be filled without removal of existing vegetation.

5. The Developer shall be responsible for providing an NPDES Storm Water Discharge Permit. The Contractor shall use best management practices (BMP's) to address erosion control.

6. All 'Reserve' areas are to be seeded, fertilized, and mulched as follows:
   SEED--Kansas Premium Fescue Blend--5#/1000 Sq. Ft. (Equal parts of Olympic II, Bonanza, Apache, and Monarch Fescue varieties)
   FERTILIZER--16-20-6 Ratio--4#/1000 Sq. Ft. or approved equals
   MULCH--2 tons of Prairie Hay per Acre
   All disturbed areas are to be seeded and mulched as follows:
   SEED--Rye Grass (PLS)--3#/1000 Sq. Ft. and Kansas Premium Fescue Blend--3#/1000 Sq. Ft.
   MULCH--2 tons of Prairie Hay per Acre
   The Developer shall be responsible for all seeding.

7. Rubble from the removal of miscellaneous structures, including trees and shrubs which are to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sights must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.

8. All excess excavation shall be spread within the specified construction area at locations to be determined by the Engineer. Stock-piled material at the location of the proposed excavation shall also be spread within the specified construction area at locations to be determined by the Engineer prior to excavation of the proposed pond.



Project Area

SCALE: 1" = 300'

Construction Area

Earthwork Quantities:

Excavation	78,625 C.Y.
Stockpile Excavation	19,725 C.Y.
Compacted Fill (90%)	88,880 C.Y.
Compacted Fill (95%)	4,160 C.Y.
Compacted Liner (95%)	5,310 C.Y.

INDEX of SHEETS

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POND LAYOUT & STAKING PLAN	3
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LARK 4TH ADDITION PLAT	7

Benchmarks:

R.R. Spike in East Side of P.P. Located 112.5' North of the North R/W of Dora and 41.5' East of the ℄ of 119th Street West.
Elevation = 145.26 (City Datum)

"□" On Top of Curb Located on the East Side of Shefford 12.5' South of the North Line of Pawnee Mesa Addition.
Elevation = 143.56 (City Datum)

BOOKED 3-5-98 MCG D-384

APPROVED AS NOTED BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____

Storm Sewers 4/9/97 V'RH

Driveway Approaches _____

Water Mains _____

Paving _____

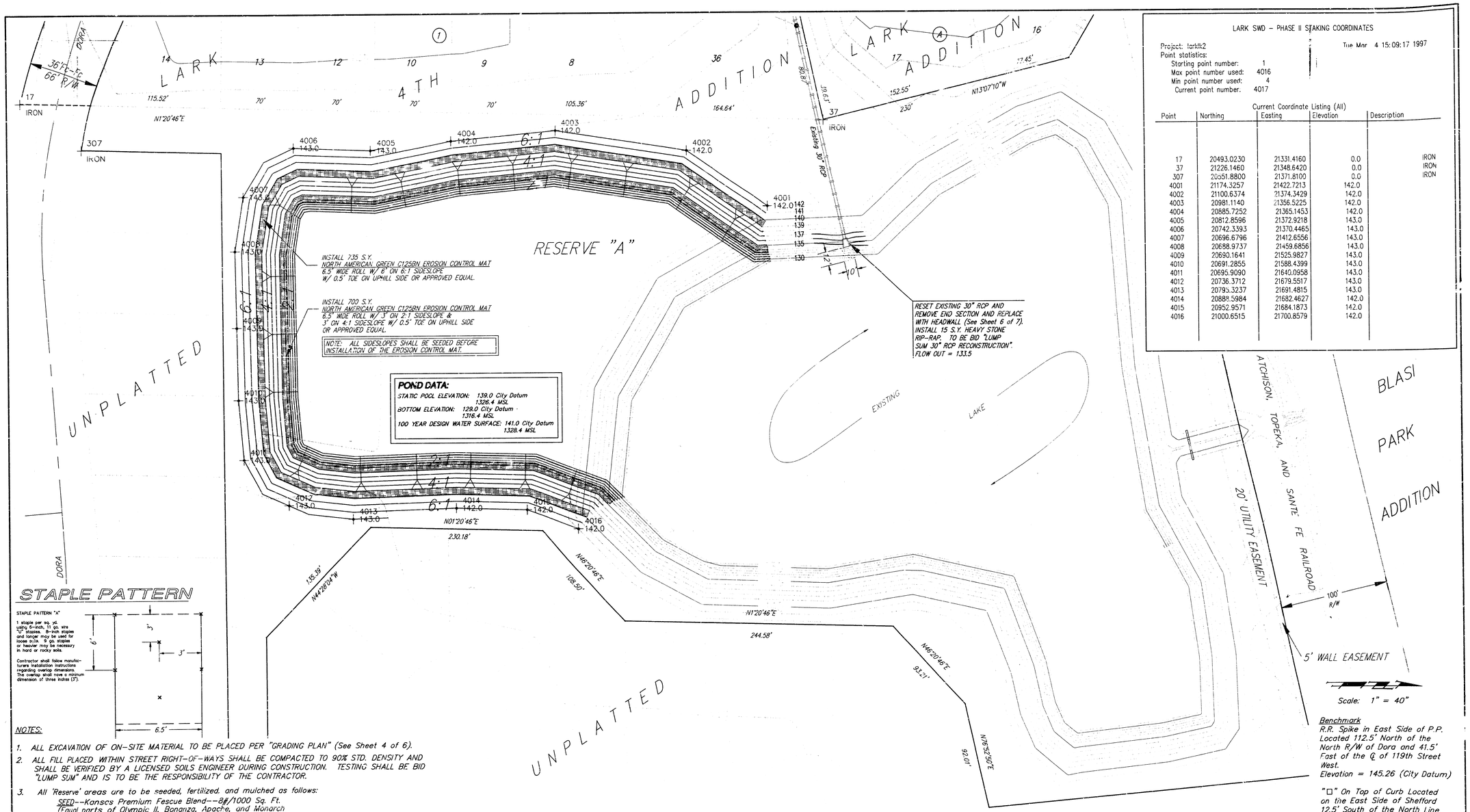
NOTE TO CONTRACTORS

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. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

LORENT WOOTEN LICENSED Wichita 13498 4/8/97 KANSAS PROFESSIONAL ENGINEER

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

1/7



LARK SWD – PHASE II STAKING COORDINATES

Project: tarblk2 — Tue Mar 4 15:09:17 1997

Point statistics:
- Starting point number: 1
- Max point number used: 4016
- Min point number used: 4
- Current point number: 4017

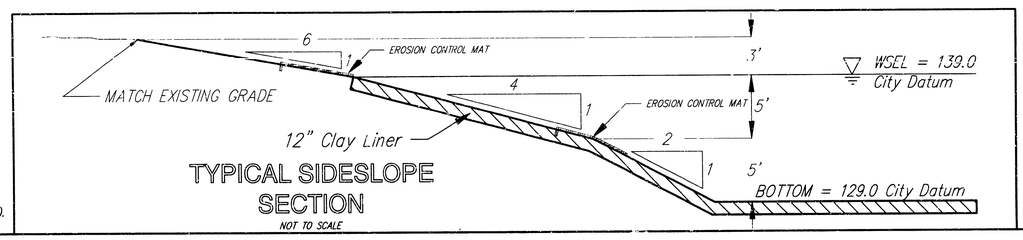
Current Coordinate Listing (All)

Point	Northing	Easting	Elevation	Description
17	20493.0230	21331.4160	0.0	IRON
37	21226.1460	21348.6420	0.0	IRON
307	20851.8800	21371.8100	0.0	IRON
4001	21174.3257	21422.7213	142.0	
4002	21100.6374	21374.3429	142.0	
4003	20981.1140	21356.5225	142.0	
4004	20885.7252	21365.1453	142.0	
4005	20812.8596	21372.9218	143.0	
4006	20742.3393	21370.4465	143.0	
4007	20696.6796	21412.6556	143.0	
4008	20688.9737	21459.6856	143.0	
4009	20690.1641	21525.9827	143.0	
4010	20691.2855	21588.4399	143.0	
4011	20695.9090	21640.0958	143.0	
4012	20736.3712	21679.5517	143.0	
4013	20793.3237	21691.4815	143.0	
4014	20888.5984	21682.4627	142.0	
4015	20952.9571	21684.1873	142.0	
4016	21000.6515	21700.8579	142.0	

STAPLE PATTERN

NOTES:

1. ALL EXCAVATION OF ON-SITE MATERIAL TO BE PLACED PER "GRADING PLAN" (See Sheet 4 of 6).
2. ALL FILL PLACED WITHIN STREET RIGHT-OF-WAYS SHALL BE COMPACTED TO 90% STD. DENSITY AND SHALL BE VERIFIED BY A LICENSED SOILS ENGINEER DURING CONSTRUCTION. TESTING SHALL BE BID "LUMP SUM" AND IS TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. All 'Reserve' areas are to be seeded, fertilized, and mulched as follows:
   SEED--Kansas Premium Fescue Blend--8#/1000 Sq. Ft. (Equal parts of Olympic II, Bonanza, Apache, and Monarch Fescue varieties)
   FERTILIZER--16-20-6 Ratio--4#/1000 Sq. Ft. or approved equals
   MULCH--2 tons of Prairie Hay per Acre
   All disturbed areas are to be seeded and mulched as follows:
   SEED--Rye Grass (PLS)--3#/1000 Sq. Ft. and Kansas Premium Fescue Blend--3#/1000 Sq. Ft.
   MULCH--2 tons of Prairie Hay per Acre
   The Developer shall be responsible for all seeding.
4. POND BOTTOM AND SIDESLOPES BELOW STATIC POOL ELEVATION SHALL BE OVER-EXCAVATED 1' AND A 1' CLAY LINER SHALL BE COMPACTED TO 95% STD. DENSITY. THE PLASTICITY INDEX (P.I.) SHALL BE AT LEAST 20. THE COMPACTION AND P.I. SHALL BE VERIFIED DURING CONSTRUCTION BY A LICENSED SOILS ENGINEER TO BE PAID FOR BY THE CONTRACTOR AND BID "LUMP SUM".
5. CONTRACTOR TO BE RESPONSIBLE FOR THE REMOVAL OF ALL ON-SITE DEBRIS.
6. ALL EXISTING STOCK-PILED MATERIAL SHALL BE DISTRIBUTED PER THE "GRADING PLAN" (See Sheet 4 of 6).



TYPICAL SIDESLOPE SECTION
NOT TO SCALE

Benchmark
R.R. Spike in East Side of P.P. Located 112.5' North of the North R/W of Dora and 41.5' East of the ℄ of 119th Street West.
Elevation = 145.26 (City Datum)

"□" On Top of Curb Located on the East Side of Shetford 12.5' South of the North Line of Pawnee Mesa Addition.
Elevation = 143.56 (City Datum)

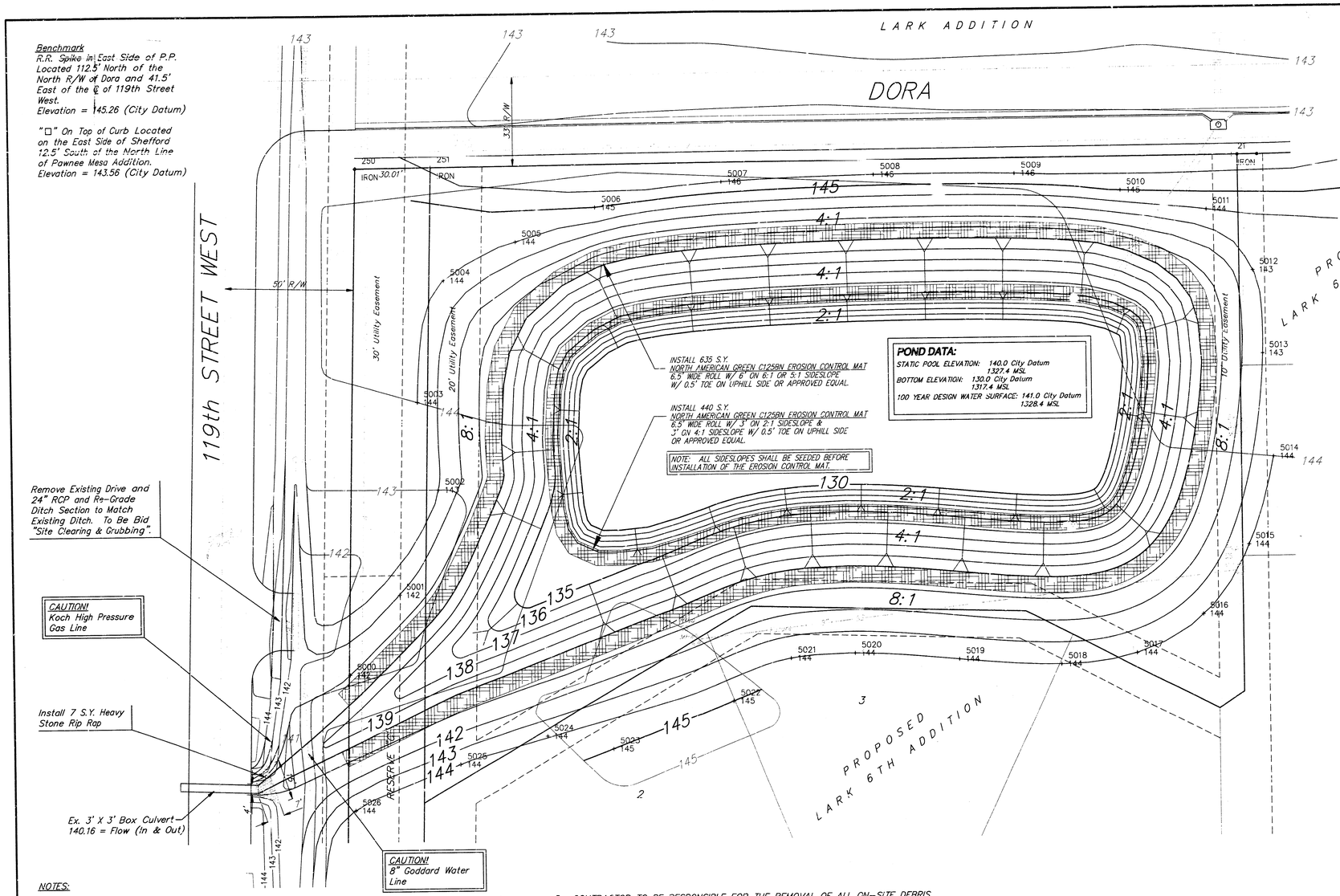
LARK 4TH ADDITION
LAKE PLAN
WITH STAKING COORDINATES

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7231 • 318 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER: 698PPS (807861) — SHEET 2 OF 7

DESIGN	DRAWN	APPROVED	DATE	SCALE
NSW/JDS	JDS		4-97	1"=40'

CAD File: 698PPS96 Date: 4/4/97 Time: 10:54:12



Scale: 1" = 20"

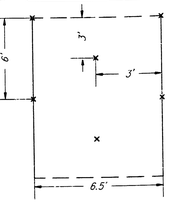
• = Iron

STAPLE PATTERN

STAPLE PATTERN "A"

1 staple per sq. yd. using 6-inch, 11 ga. wire "U" staples. 8-inch staples and longer may be used for loose soils. 9 ga. staples or heavier may be necessary in hard or rocky soils.

Contractor shall follow manufacturers installation instructions regarding overlap dimensions. The overlap shall have a minimum dimension of three inches (3").



LARK 4TH ADDITION POND

Project: larkpnd3 Thu Mar 6 16:20:04 1997

Point statistics:
Starting point number: 1
Max point number used: 5026
Min point number used: 21
Current point number: 5027

Current Coordinate Listing (All)

Point	Northing	Easting	Elevation	Description
21	20411.9680	20399.7900	0.0	IRON
250	20410.2980	20059.6550	0.0	IRON
251	20410.4450	20089.6660	0.0	IRON
5000	20223.8685	20055.6587	142.0	
5001	20253.1431	20075.7506	142.0	
5002	20291.6521	20091.4736	143.0	
5003	20323.9461	20083.5767	144.0	
5004	20368.6832	20094.3250	144.0	
5005	20382.6104	20121.8859	144.0	
5006	20394.9398	20152.9454	145.0	
5007	20403.7743	20202.2548	146.0	
5008	20405.8972	20261.3077	146.0	
5009	20405.8062	20315.7005	146.0	
5010	20399.2169	20356.6431	145.0	
5011	20391.8578	20389.3815	144.0	
5012	20369.2041	20407.4768	143.0	
5013	20338.5514	20410.8455	143.0	
5014	20300.5663	20414.4730	144.0	
5015	20268.3325	20404.6654	144.0	
5016	20242.8955	20386.2064	144.0	
5017	20228.8950	20360.9789	144.0	
5018	20225.0417	20331.2454	144.0	
5019	20227.2904	20292.1851	144.0	
5020	20229.6987	20251.8759	144.0	
5021	20228.2974	20226.9163	144.0	
5022	20212.7693	20204.6828	145.0	
5023	20195.6769	20157.5904	145.0	
5024	20200.6252	20132.1260	144.0	
5025	20190.5131	20098.5147	144.0	
5026	20173.8776	20056.9704	144.0	

NOTES:

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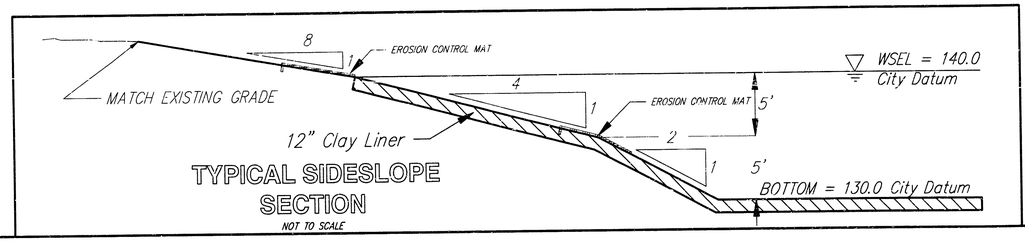


TYPICAL SIDESLOPE SECTION

NOT TO SCALE

LARK 4TH ADDITION

POND PLAN

WITH STAKING COORDINATES

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

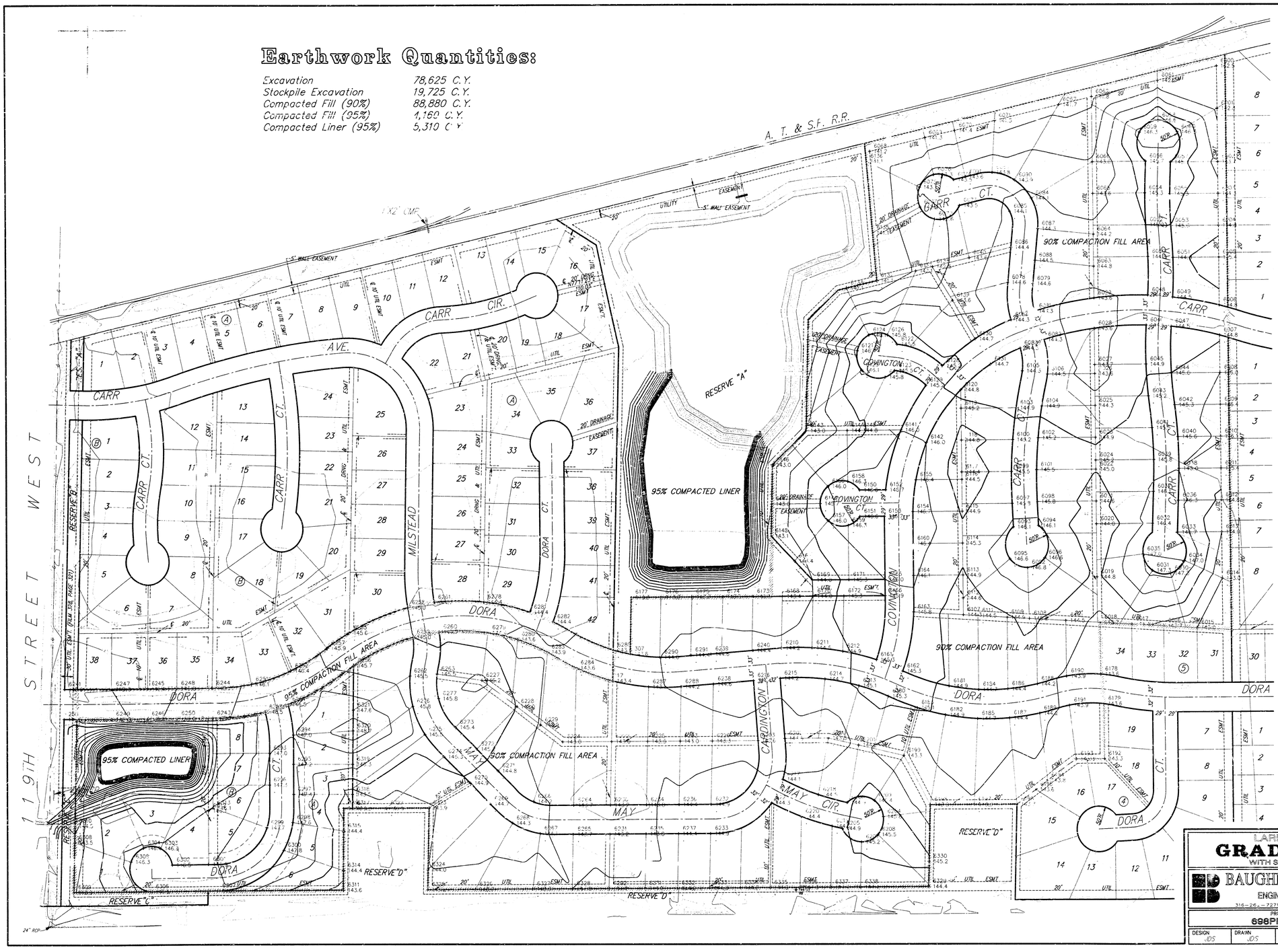
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER				SHEET
S98PPS (807861)				3 OF 7
DESIGN	DRAWN	APPROVED	DATE	SCALE
BP	TMG/JDS		3-97	1"=20'

DWG NAME lark4pond2 REV 10-14-97

Earthwork Quantities:

Excavation	78,625 C.Y.
Stockpile Excavation	19,725 C.Y.
Compacted Fill (90%)	88,880 C.Y.
Compacted Fill (95%)	1,160 C.Y.
Compacted Liner (95%)	5,310 C.Y.



Scale: 1" = 100'

Benchmark
R.R. Spike in East Side of P.P. Located 112.5' North of the North R/W of Dora and 41.5' East of the ℄ of 119th Street West.
Elevation = 145.26 (City Datum)

"□" On Top of Curb Located on the East Side of Shefford 12.5' South of the North Line of Pawnee Mesa Addition.
Elevation = 143.56 (City Datum)

90% COMPACTION FILL AREA

95% COMPACTION FILL AREA

LARK 4TH ADDITION

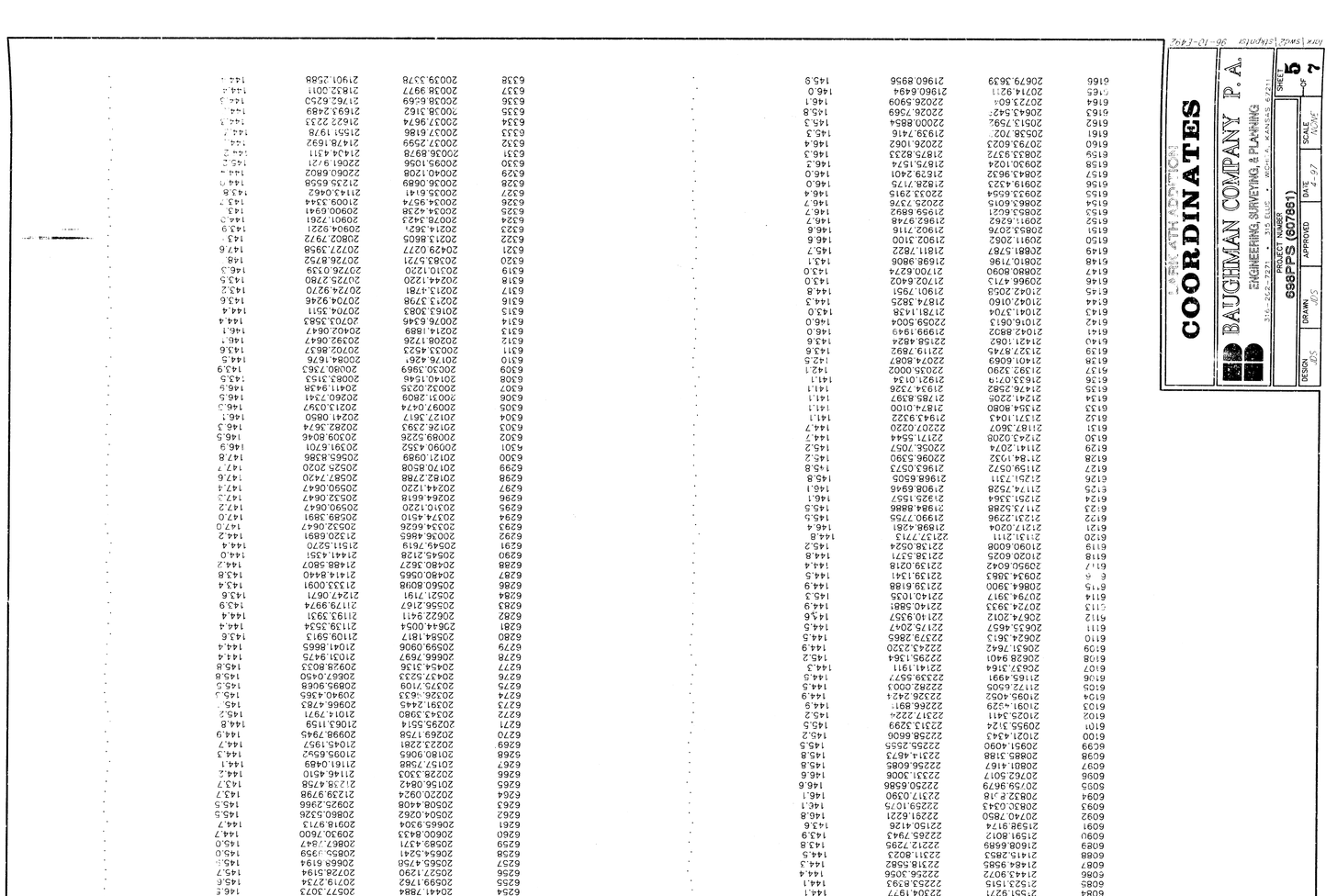
GRADING PLAN

WITH STAKING COORDINATES

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-26-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER					SHEET
698PPS (607861)					4 OF 7
DESIGN	DRAWN	APPROVED	DATE	SCALE	
JDS	JDS		3-97	1"=100'	

lark\sheet\grade 96-11-492



Lark, Lark 4th, Lark 6... Grading Plan

Tue Apr 15 12:13:03 1997

Project: Ikaragad
Point statistics:
Starting point number: 0
Max point number used: 12093
Min point number used: 1
Current point number: 5339

Current Coordinate Listing (All)

Point	Northing	Easting	Elevation	Description
17	20493.0226	21331.4163	143.4	
250	20410.2979	20059.6545	143.8	
307	20551.9393	21371.4857	143.6	
6001	21748.9522	22733.5083	142.8	
6002	21531.7172	22734.3220	143.7	
6003	21561.9420	22734.8033	143.7	
6004	21491.9437	22735.2879	144.8	
6005	21421.9454	22735.7725	145.4	
6006	21351.9470	22736.2572	145.9	
6007	21281.9487	22736.7418	146.4	
6008	21211.9504	22737.2264	146.9	
6009	21098.2564	22738.0138	146.1	
6010	21028.2580	22738.4985	146.1	
6011	20958.2597	22738.9832	145.4	
6012	20888.2614	22739.4679	144.8	
6013	20818.2631	22739.9526	144.0	
6014	20718.5850	22740.6566	143.0	
6015	20681.4075	22741.1413	143.0	
6016	20612.0050	22606.3725	143.7	
6017	20616.0875	22531.3174	144.4	
6018	20620.1156	22457.3177	143.7	
6019	20730.9507	22313.3299	145.5	
6020	20836.2546	22249.8210	144.0	
6021	20886.2534	22249.4748	144.6	
6022	20956.2518	22248.9901	145.0	
6023	21023.2501	22248.5055	144.9	
6024	20976.2513	22248.8017	145.2	
6025	21098.2484	22448.0208	144.3	
6026	21166.2467	22447.5361	143.6	
6027	21186.2462	22446.8513	143.7	
6028	21265.9490	22446.8497	143.6	
6029	21332.4489	22446.3853	143.6	
6030	20727.5108	22622.3964	147.3	
6031	20733.8668	22580.7971	147.3	
6032	20787.1657	22581.4000	147.7	
6033	20837.1627	22581.8043	147.9	
6034	20755.1665	22654.1148	147.0	
6035	20769.7322	22558.7842	147.0	
6036	20887.5799	22641.0385	145.3	
6037	20907.1829	22583.6346	146.1	
6038	20957.5945	22642.9086	146.0	
6039	20977.1927	22584.8230	145.8	
6040	21027.5852	22640.8973	145.6	
6041	21047.1639	22581.2731	145.5	
6042	21097.5368	22634.0981	145.3	
6043	21117.1144	22573.0226	145.2	
6044	21167.4868	22636.6355	145.0	
6045	21187.0767	22587.2581	144.9	
6046	21227.0720	22607.7258	144.7	
6047	21270.1274	22626.4251	144.5	
6048	21338.9167	22572.6852	144.5	
6049	21376.0975	22630.7386	144.5	
6050	21423.1015	22573.3187	144.8	
6051	21421.2230	22631.4397	144.8	
6052	21493.0695	22568.4504	145.0	
6053	21563.0713	22566.7355	145.3	
6054	21491.1917	22626.8742	145.0	
6055	21561.1798	22624.7211	145.3	
6056	21632.8516	22568.7268	145.7	
6057	21657.7320	22626.6984	145.7	
6058	21722.6200	22588.6874	146.0	
6059	21696.6988	22555.1727	146.3	
6060	21697.3033	22642.5168	146.3	
6061	21810.9891	22598.0755	142.2	
6062	21775.2431	22443.1913	141.8	
6063	21402.2823	22446.9017	144.8	
6064	21472.6579	22445.4144	144.2	
6065	21562.2150	22444.7943	143.6	
6066	21631.9901	22444.3112	143.0	
6067	21757.6846	22369.0359	141.7	
6068	21655.1561	21928.1185	141.2	
6069	21685.3374	22058.6179	141.3	
6070	21701.1768	22126.5796	141.4	
6071	21722.8222	22219.4528	141.5	
6072	21506.1791	22080.4276	142.6	
6073	21536.1667	22136.6942	143.5	
6074	21592.6528	22123.5534	143.5	
6075	21576.0527	22045.0202	143.1	
6076	21603.7237	22078.5718	143.3	
6077	21532.5640	22045.8475	142.9	
6078	21567.0742	22288.8555	144.6	
6079	21564.1244	22306.8415	144.6	
6080	21384.9048	22256.0677	144.3	
6081	21303.8599	22310.9353	144.3	
6082	21241.2934	22332.0812	144.3	
6083	21222.7131	22277.1962	144.3	
6084	21551.9271	22304.1977	144.1	
6085	21523.1515	22253.8393	144.1	
6086	21443.9072	22256.3056	144.4	
6087	21363.6629	22258.7719	144.7	
6088	21284.3186	22259.2382	145.0	
6089	21204.9743	22259.7045	145.3	
6090	21125.6300	22260.1708	145.6	
6091	21046.2857	22260.6371	145.9	
6092	20966.9414	22261.1034	146.2	
6093	20887.5971	22261.5697	146.5	
6094	20808.2528	22262.0360	146.8	
6095	20728.9085	22262.5023	147.1	
6096	20649.5642	22262.9686	147.4	
6097	20570.2199	22263.4349	147.7	
6098	20490.8756	22263.9012	148.0	
6099	20411.5313	22264.3675	148.3	
6100	20332.1870	22264.8338	148.6	
6101	20252.8427	22265.3001	148.9	
6102	20173.4984	22265.7664	149.2	
6103	20094.1541	22266.2327	149.5	
6104	20014.8098	22266.6990	149.8	
6105	19935.4655	22267.1653	150.1	
6106	19856.1212	22267.6316	150.4	
6107	19776.7769	22268.0979	150.7	
6108	19697.4326	22268.5642	151.0	
6109	19618.0883	22269.0305	151.3	
6110	19538.7440	22269.4968	151.6	
6111	19459.3997	22269.9631	151.9	
6112	19380.0554	22270.4294	152.2	
6113	19300.7111	22270.8957	152.5	
6114	19221.3668	22271.3620	152.8	
6115	19142.0225	22271.8283	153.1	
6116	19062.6782	22272.2946	153.4	
6117	18983.3339	22272.7609	153.7	
6118	18903.9896	22273.2272	154.0	
6119	18824.6453	22273.6935	154.3	
6120	18745.3010	22274.1598	154.6	
6121	18665.9567	22274.6261	154.9	
6122	18586.6124	22275.0924	155.2	
6123	18507.2681	22275.5587	155.5	
6124	18427.9238	22276.0250	155.8	
6125	18348.5795	22276.4913	156.1	
6126	18269.2352	22276.9576	156.4	
6127	18189.8909	22277.4239	156.7	
6128	18110.5466	22277.8902	157.0	
6129	18031.2023	22278.3565	157.3	
6130	17951.8580	22278.8228	157.6	
6131	17872.5137	22279.2891	157.9	
6132	17793.1694	22279.7554	158.2	
6133	17713.8251	22280.2217	158.5	
6134	17634.4808	22280.6880	158.8	
6135	17555.1365	22281.1543	159.1	
6136	17475.7922	22281.6206	159.4	
6137	17396.4479	22282.0869	159.7	
6138	17317.1036	22282.5532	160.0	
6139	17237.7593	22283.0195	160.3	
6140	17158.4150	22283.4858	160.6	
6141	17079.0707	22283.9521	160.9	
6142	16999.7264	22284.4184	161.2	
6143	16920.3821	22284.8847	161.5	
6144	16841.0378	22285.3510	161.8	
6145	16761.6935	22285.8173	162.1	
6146	16682.3492	22286.2836	162.4	
6147	16603.0049	22286.7499	162.7	
6148	16523.6606	22287.2162	163.0	
6149	16444.3163	22287.6825	163.3	
6150	16364.9720	22288.1488	163.6	
6151	16285.6277	22288.6151	163.9	
6152	16206.2834	22289.0814	164.2	
6153	16126.9391	22289.5477	164.5	
6154	16047.5948	22290.0140	164.8	
6155	15968.2505	22290.4803	165.1	
6156	15888.9062	22290.9466	165.4	
6157	15809.5619	22291.4129	165.7	
6158	15730.2176	22291.8792	166.0	
6159	15650.8733	22292.3455	166.3	
6160	15571.5290	22292.8118	166.6	
6161	15492.1847	22293.2781	166.9	
6162	15412.8404	22293.7444	167.2	
6163	15333.4961	22294.2107	167.5	
6164	15254.1518	22294.6770	167.8	
6165	15174.8075	22295.1433	168.1	
6166	15095.4632	22295.6096	168.4	
6167	15016.1189	22296.0759	168.7	
6168	14936.7746	22296.5422	169.0	
6169	14857.4303	22297.0085	169.3	
6170	14778.0860	22297.4748	169.6	
6171	14698.7417	22297.9411	169.9	
6172	14619.3974	22298.4074	170.2	
6173	14540.0531	22298.8737	170.5	
6174	14460.7088	22299.3400	170.8	
6175	14381.3645	22299.8063	171.1	
6176	14302.0202	22300.2726	171.4	
6177	14222.6759	22300.7389	171.7	
6178	14143.3316	22301.2052	172.0	
6179	14063.9873	22301.6715	172.3	
6180	13984.6430	22302.1378	172.6	
6181	13905.2987	22302.6041	172.9	
6182	13825.9544	22303.0704	173.2	
6183	13746.6101	22303.5367	173.5	
6184	13667.2658	22304.0030	173.8	
6185	13587.9215	22304.4693	174.1	
6186	13508.5772	22304.9356	174.4	
6187	13429.2329	22305.4019	174.7	
6188	13349.8886	22305.8682	175.0	
6189	13270.5443	22306.3345	175.3	
6190	13191.2000	22306.8008	175.6	
6191	13111.8557	22307.2671	175.9	
6192	13032.5114	22307.7334	176.2	
6193	12953.1671	22308.1997	176.5	
6194	12873.8228	22308.6660	176.8	
6195	12794.4785	22309.1323	177.1	
6196	12715.1342	22309.5986	177.4	
6197	12635.7899	22310.0649	177.7	
6198	12556.4456	22310.5312	178.0	
6199	12477.1013	22310.9975	178.3	
6200	12397.7570	22311.4638	178.6	
6201	12318.4127	22311.9301	178.9	
6202	12239.0684	22312.3964	179.2	
6203	12159.7241	22312.8627	179.5	
6204	12080.3798	22313.3290	179.8	
6205	12001.0355	22313.7953	180.1	
6206	11921.6912	22314.2616	180.4	
6207	11842.3469	22314.7279	180.7	
6208	11763.0026	22315.1942	181.0	
6209	11683.6583	22315.6605	181.3	
6210	11604.3140	22316.1268	181.6	
6211	11524.9697	22316.5931	181.9	
6212	11445.6254	22317.0594	182.2	
6213	11366.2811	22317.5257	182.5	
6214	11286.9368	22317.9920	182.8	
6215	11207.5925	22318.4583	183.1	
6216	11128.2482	22318.9246	183.4	
6217	11048.9039	22319.3909	183.7	
6218	10969.5596	22319.8572	184.0	
6219	10890.2153	22320.3235	184.3	
6220	10810.8710	22320.7898	184.6	
6221	10731.5267	22321.2561	184.9	
6222	10652.1824	22321.7224	185.2	
6223	10572.8381	22322.1887	185.5	
6224	10493.4938	22322.6550	185.8	
6225	10414.1495	22323.1213	186.1	
6226	10334.8052	22323.5876	186.4	
6227	10255.4609	22324.0539	186.7	
6228	10176.1166	22324.5202	187.0	
6229	10096.7723	22324.9865	187.3	
6230	10017.4280	22325.4528	187.6	
6231	9938.0837	22325.9191	187.9	
6232	9858.7394	22326.3854	188.2	
6233	9779.3951	22326.8517	188.5	
6234	9700.0508	22327.3180	188.8	
6235	9620.7065	22327.7843	189.1	
6236	9541.3622	22328.2506	189.4	
6237	9462.0179	22328.7169	189.7	
6238	9382.6736	22329.1832	190.0	
6239	9303.3293	22329.6495	190.3	
6240	9223.9850	22330.1158	190.6	
6241	9144.6407	22330.5821	190.9	
6242	9065.2964	22331.0484	191.2	
6243	8985.9521	22331.5147	191.5	
6244	8906.6078	22331.9810	191.8	
6245	8827.2635	22332.4473	192.1	
6246	8747.9192	22332.9136	192.4	
6247	8668.5749	22333.3799	192.7	
6248	8589.2306	22333.8462	193.0	
6249	8509.8863	22334.3125	193.3	
6250	8430.5420	22334.7788	193.6	
6251	8351.1977	22335.2451	193.9	
6252	8271.8534	22335.7114	194.2	
6253	8192.5091	22336.1777	194.5	
6254	8113.1648	22336.6440	194.8	
6255	8033.8205	22337.1103	195.1	
6256	7954.4762	22337.5766	195.4	
6257	7875.1319	22338.0429	195.7	
6258	7795.7876	22338.5092	196.0	
6259	7716.4433	22338.9755	196.3	
6260	7637.0990	22339.4418	196.6	
6261	7557.7547	22339.9081	196.9	
6262	7478.4104	22340.3744	197.2	
6263	7399.0661	22340.8407	197.5	
6264	7319.7218	22341.3070	197.8	
6265	7240.3775	22341.7733	198.1	
6266	7161.0332	22342.2396	198.4	
6267	7081.6889	22342.7059	198.7	
6268	7002.3446	22343.1722	199.0	
6269	6922.9003	22343.6385	199.3	
6270	6843.4560	22344.1048	199.6	
6271	6764.0117	22344.5711	199.9	
6272	6684.5674	22345.0374	200.2	
6273	6605.1231	22345.5037	200.5	
6274	6525.6788	22345.9700	200.8	
6275	6446.2345	22346.4363	201.1	
6276	6366.7902	22346.9026	201.4	
6277	6287.3459	22347.3689	201.7	
6278	6207.9016	22347.8352	202.0	
6279	6128.4573	22348.3015	202.3	
6280	6049.0130	22348.7678	202.6	
6281	5969.5687	22349.2341	202.9	
6282	5890.1244	22349.7004	203.2	
6283	5810.6801	22350.1667	203.5	
6284	5731.2358	22350.6330	203.8	
6285	5651.7915	22351.0993	204.1	
6286	5572.3472	22351.5656	204.4	
6287	5492.9029	22352.0319	204.7	
6288	5413.4586	22352.4982	205.0	
6289	5334.0143	22352.9645	205.3	
6290	5254.5700	22353.4308	205.6	
6291	5175.1257	22353.8971	205.9	
6292	5095.6814	22354.3634	206.2	
6293	5016.2371	22354.8297	206.5	
6294	4936.7928	22355.2960	206.8	
6295	4857.3485	22355.7623	207.1	
6296	4777.9042	22356.2286	207.4	
6297	4698.4599	22356.6949	207.7	
6298	4619.0156	22357.1612	208.0	
6299	4539.5713	22357.6275	208.3	
6300	4460.1270	22358.0938	208.6	
6301	4380.6827	22358.5601	208.9	
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6303	4221.7941	22359.4927	209.5	
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6305	4062.9055	22360.4253	210.1	
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6307	3904.0169	22361.3579	210.7	
6308	3824.5726	22361.8242	211.0	
6309	3745.1283	22362.2905	211.3	
6310	3665.6840	22362.7568	211.6	
6311	3586.2397	22363.2231	211.9	
6312	3506.7954	22363.6894	212.2	
6313	3427.3511	22364.1557	212.5	
6314	3347.9068	22364.6220	212.8	
6315	3268.4625	22365.0883	213.1	
6316	3189.0182	22365.5546	213.4	
6317	3109.5739	22366.0209	213.7	
6318	3030.1296	22366.4872	214.0	
6319	2950.6853	22366.9535	214.3	
6320	2871.2410	22367.4198	214.6	
6321	2791.7967	22367.8861	214.9	
6322	2712.3524	22368.3524	215.2	
6323	2632.9081	22368.8187	215.5	
6324	2553.4638	22369.2850	215.8	
6325	2474.0195	22369.7513	216.1	
6326	2394.5752	22370.2176	216.4	
6327	2315.1309	22370.6839	216.7	
6328	2235.6866	22371.1502	217.0	
6329	2156.2423	22371.6165	217.3	
6330	2076.7980	22372.0828	217.6	
6331	1997.3537	22372.5491	217.9	
6332	1917.9094	22373.0154	218.2	
6333	1838.4651	22373.4817	218.5	
6334	1759.0208	22373.9480	218.8	
6335	1679.5765	22374.4143	219.1	
6336	1600.1322	22374.8806	219.4	
6337	1520.6879	22375.3469	219.7	
6338	1441.2436	22375.8132	220.0	
6339	1361.7993	22376.2795	220.3	
6340	1282.3550	22376.7458	220.6	
6341	1202.9107	22377.2121	220.9	
6342	1123.4664	22377.6784	221.2	
6343	1044.0221	22378.1447	221.5	
6344	964.5778	22378.6110	221.8	
6345	885.1335	22379.0773	222.1	
6346	805.6892	22379.5436	222.4	
6347	726.2449	22380.0099	222.7	
6348	646.8006	22380.4762	223.0	
6349	567.3563	22380.9425	223.3	
6350	487.9120	22381.4088	223.6	
6351	408.4677	22381.8751	223.9	
6352	329.0234	22382.3414	224.2	
6353	249.5791	22382.8077	224.5	
6354	170.1348	22383.2740	224.8	
6355	90.6905	22383.7403	225.1	
6356	11.2462	22384.2066	225.4	
6357	1931.8019	22384.6729	225.7	
6358	1852.3576	22385.1392	226.0	
6359	1772.9133	22385.6055	226.3	
6360	1693.4690	22386.0718	226.6	
6361	1614.0247	22386.5381	226.9	
6362	1534.5804	22387.0044	227.2	
6363	1455.1361	22387.4707	227.5	
6364	1375.6918	22387.9370	227.8	
6365	1296.2475	22388.4033	228.1	
6366	1216.8032	22388.8696	228.4	
6367	1137.3589	22389.3359	228.7	
6368	1057.9146	22389.8022	229.0	
6369	978.4703	22390.2685	229.3	
6370	899.0260	22390.7348	229.6	
6371	819.5817	22391.2011	229.9	
6372	740.1374	22391.6674	230.2	
6373	660.6931	22392.1337	230.5	
6374	581.2488	22392.6000	230.8	
6375	501.8045	22393.0663	231.1	
6376	422.3602	22393.5326	231.4	
6377	342.9159	22393.9989	231.7	
6378	263.4716	22394.4652	232.0	
6379	184.0273	22394.9315	232.3	
6380	104.5830	22395.3978	232.6	
6381	25.1387	22395.8641	232.9	
6382	1945.6944	22396.3304	233.2	
6383	1866.2501	22396.7967	233.5	
6384	1786.8058	22397.2630	233.8	
6385	1707.3615	22397.7293	234.1	
6386	1627.9172	22398.1956	234.4	
6387	1548.4729	22398.6619	234.7	
6388	1469.0286	22399.1282	235.0	
6389	1389.5843	22399.5945	235.3	
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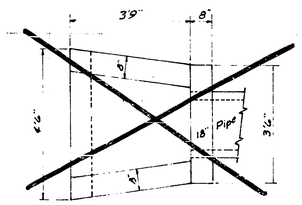
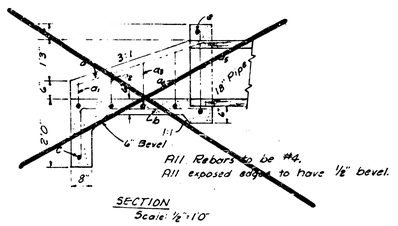
6391	1230.6957	22400.5271	235.9	
6392	1151.2514	22400.9934	236.2	
6393	1071.8071	22401.4597	236.5	
6394	992.3628	22401.9260	236.8	
6395	912.9185	22402.3923	237.1	
6396	833.4742	22402.8586	237.4	
6397	754.0299	22403.3249	237.7	
6398	674.5856	22403.7912	238.0	
6399	595.1413	22404.2575	238.3	
6400	515.6970	22404.7238	238.6	
6401	436.2527	22405.1901	238.9	
6402	356.8084	22405.6564	239.2	
6403	277.3641	22406.1227	239.5	
6404	197.9198	22406.5890	239.8	
6405	118.4755	22407.0553	240.1	
6406	39.0312	22407.5216	240.4	
6407	1940.4131	22408.0121	240.7	
6408	1860.9688	22408.4784	241.0	
6409	1781.5245	22408.9447	241.3	
6410	1702.0802	22409.4110	241.6	
6411	1622.6359	22409.8773	241.9	
6412	1543.1916	22410.3436	242.2	
6413	1463.7473	22410.8099	242.5	
6414	1384.3030	22411.2762	242.8	
6415	1304.8587	22411.7425	243.1	
6416	1225.4144	22412.2088	243.4	
6417	1145.9701	22412.6751	243.7	
6418	1066.5258	22413.1414	244.0	
6419	987.0815	22413.6077	244.3	
6420	907.6372	22414.0740	244.6	
6421	828.1929	22414.5403	244.9	
6422	748.7486	22415.0066	245.2	
6423	669.3043	22415.4729	245.5	
6424	589.8600	22415.9392	245.8	
6425	510.4157	22416.4055	246.1	
6426	430.9714	22416.8718	246.4	
6427	351.5271	22417.3381	246.7	
6428	272.0828	22417.8044	247.0	
6429	192.6385	22418.2707	247.3	
6430	113.1942	22418.7370	247.6	
6431	33.7499	22419.2033	247.9	
6432	1954.3056	22419.6696	248.2	
6433	1874.8613	22420.1359	248.5	
6434	1795.4170	22420.6022	248.8	
6435	1715.9727	22421.0685	249.1	
6436	1636.5284	22421.5348	249.4	
6437	1557.0841	22422.0011	249.7	
6438	1477.6398	22422.4674	250.0	
6439	1398.1955	22422.9337	250.3	
6440	1318.7512	22423.4000	250.6	
6441	1239.3069	22423.8663	250.9	
6442	1159.8626	22424.3326	251.2	
6443	1080.4183	22424.7989	251.5	
6444	1000.9740	22425.2652	251.8	
6445	921.5297	22425.7315	252.1	
6446	842.0854	22426.1978	252.4	
6447	762.6411	22426.6641	252.7	
6448	683.1968	22427.1304	253.0	
6449	603.7525	22427.5967	253.3	
6450	524.3082	22428.0630	253.6	
6451	444.8639	22428.5293	253.9	
6452	365.4196	22428.9956	254.2	
6453	285.9753	22429.4619	254.5	
6454	206.5310	22429.9282	254.8	
6455	127.0867	22430.3945	255.1	
6456	47.6424	22430.8608	255.4	
6457	1968.1981	22431.3271	255.7	
6458	1888.7538	22431.7934	256.0	
6459	1809.3095	22432.2597	256.3	
6460	1729.8652	22432.7260	256.6	
6461	1650.4209	22433.1923	256.9	
6462	1570.9766	22433.6586	257.2	
6463	1491.5323	22434.1249	257.5	
6464	1412.0880	22434.5912	257.8	
6465	1332.6437	22435.0575	258.1	
6466	1253.1994	22435.5238	258.4	
6467	1173.7551	22435.9901	258.7	
6468	1094.3108	22436.4564	259.0	
6469	1014.8665	22436.9227	259.3	
6470	935.4222	22437.3890	259.6	
6471	855.9779	22437.8553	259.9	
6472	776.5336	22438.3216	260.2	
6473	697.0893	22438.7879	260.5	
6474	617.6450	22439.2542	260.8	
6475	538.2007	22439.7205	261.1	
6476	458.7564	22440.1868	261.4	
6477	379.3121	22440.6531	261.7	
6478	299.8678	22441.1194	262.0	
6479	220.4235	22441.5857	262.3	
6480	140.9792	22442.0520	262.6	
6481	61.5349	22442.5183	262.9	
6482	1982.0906	22442.9846	263.2	
6483	1902.6463	22443.4509	263.5	
6484	1823.2020	22443.9172	263.8	
6485	1743.7577	22444.3835	264.1	
6486	1664.3134	22444.8498	264.4	
6487	1584.8691	22445.3161	264.7	
6488	1505.4248	22445.7824	265.0	
6489	1425.9805	22446.2487	265.3	
6490	1346.5362	22446.7150	265.6	
6491	1267.0919	22447.1813	265.9	
6492	1187.6476	22447.6476	266.2	
6493	1108.2033	22448.1139	266.5	
6494	1028.7590	22448.5802	266.8	
6495	949.3147	22449.0465	267.1	
6496	869.8704	22449.5128	267.4	
6497	790.4261	22449.9791	267.7	
6498	710.9818	22450.4454	268.0	
6499	631.5375	22450.9117	268.3	
6500	552.0932	22451.3780	268.6	
6501	472.6489	22451.8443	268.9	
6502	393.2046	22452.3106	269.2	
6503	313.7603	22452.7769	269.5	
6504	234.3160	22453.2432	269.8	
6505	154.8717	22453.7095	270.1	
6506	75.4274	22454.1758	270.4	
6507	1995.9831	22454.6421	270.7	
6508	1916.5388	22455.1084	271.0	
6509	1837.0945	22455.5747	271.3	
6510	1757.6502	22456.0410	271.6	
6511	1678.2059	22456.5073	271.9	
6512	1598.7616	22456.9736	272.2	
6513	1519.3173	22457.4399	272.5	
6514	1439.8730	22457.9062	272.8	
6515	1360.4287	22458.3725	273.1	
6516	1280.9844	22458.8388	273.4	
6517	1201.5401	22459.3051	273.7	
6518	1122.0958	22459.7714	274.0	
6519	1042.6515	22460.2377	274.3	
6520	963.2072	22460.7040	274.6	
6521	883.7629	22461.1703	274.9	
6522	804.3186	22461.6366	275.2	
6523	724.8743	22462.1029	275.5	
6524	645.4300	22462.5692	275.8	
6525	565.9857	22463.0355	276.1	
6526	486.5414	22463.5018	276.4	
6527	407.0971	22463.9681	276.7	
6528	327.6528	22464.4344	277.0

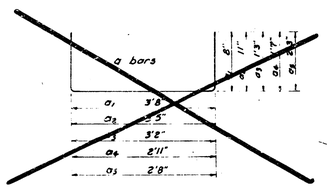


PLAN
Scale: ½"=1'0"



All Rebars to be #4.
All exposed edges to have ½" bevel.

SECTION
Scale: ½"=1'0"



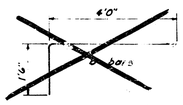
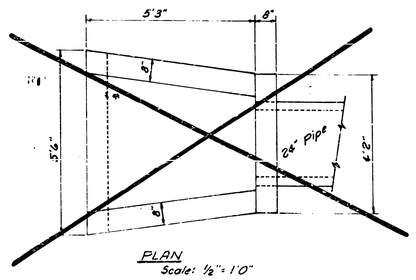
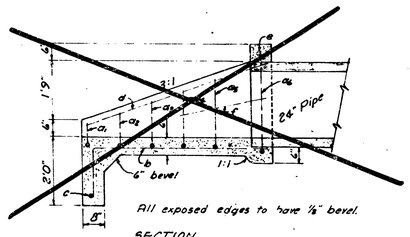


TABLE OF QUANTITIES				
BARS	NUMBER	LENGTH	SHAPE	WEIGHT
a1	1	5'0"		3.34
a2	1	5'3"		3.51
a3	1	5'8"		3.79
a4	1	6'1"		4.06
a5	1	7'2"		4.79
b	5	6'6"		18.37
c	1	4'0"		2.67
d	2	4'0"		5.34
e	1	3'2"		2.12
Total Rebar, lbs				47.99
Conc, C.Y				0.91

HEADWALL FOR 18" PIPE

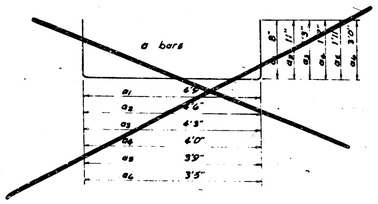


PLAN
Scale: ½"=1'0"



All exposed edges to have ½" bevel.

SECTION
Scale: ½"=1'0"



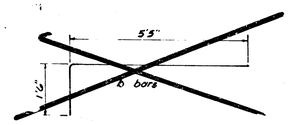
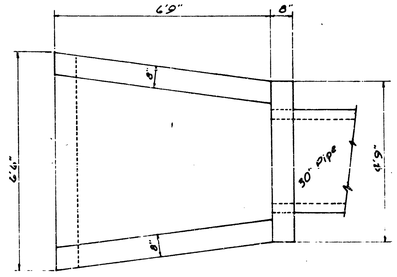


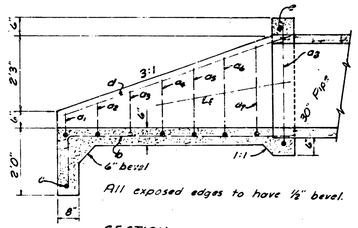
TABLE OF QUANTITIES				
BARS	NUMBER	LENGTH	SHAPE	WEIGHT
a1	1	6'1"		4.06
a2	1	6'6"		4.23
a3	1	6'9"		4.51
a4	1	7'2"		4.79
a5	1	7'7"		5.07
a6	1	6'3"		4.29
b	6	6'11"		27.72
c	1	5'0"		3.37
d	2	5'10"		7.79
e	1	3'10"		2.56
f	2	2'9"		3.67
Total Rebar, lbs				76.86
Concrete, CY				1.40

All Rebars to be #6

HEADWALL FOR 24" PIPE



PLAN
Scale: ½"=1'0"



All exposed edges to have ½" bevel.

SECTION
Scale: ½"=1'0"

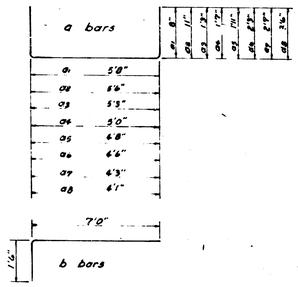
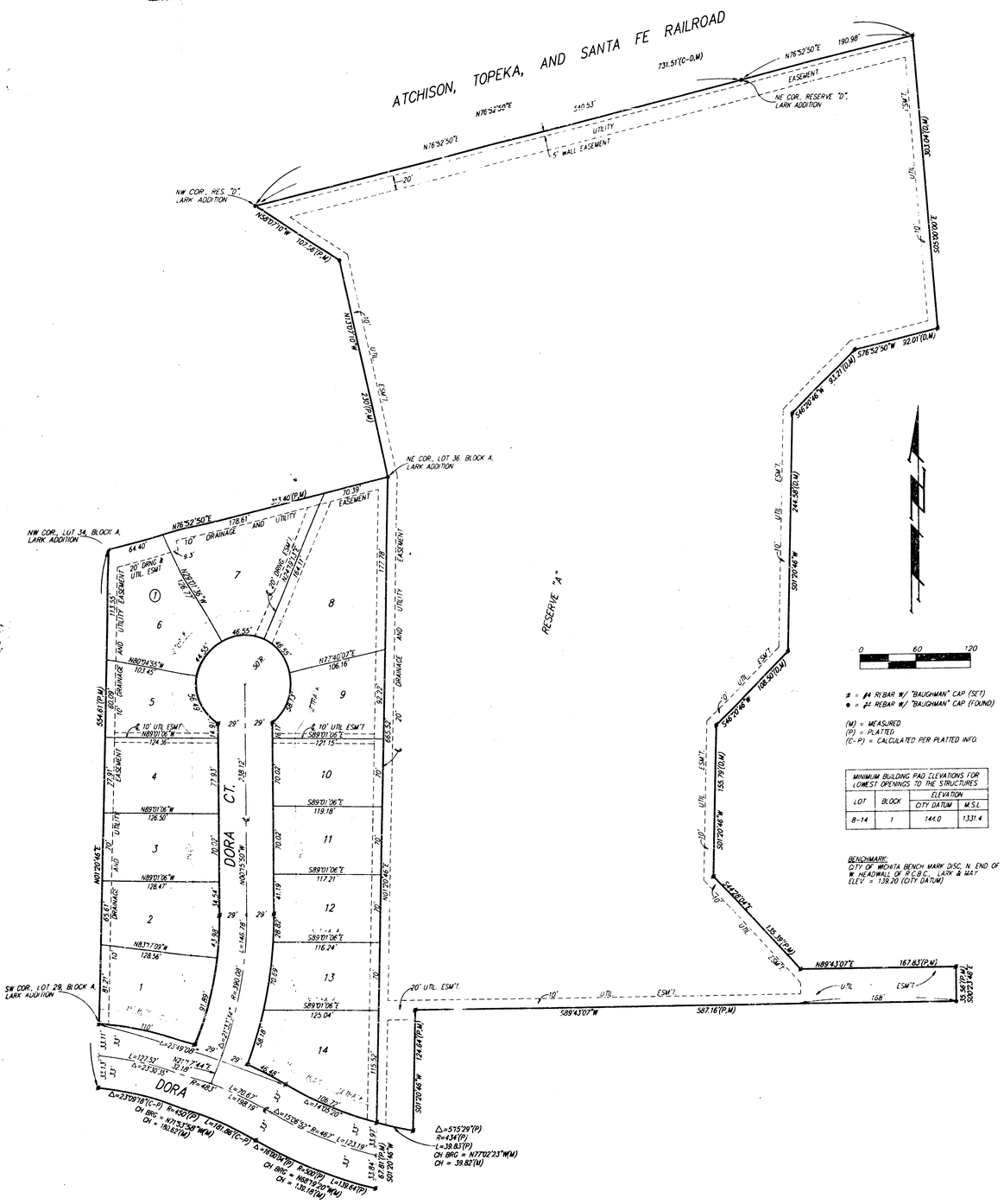


TABLE OF QUANTITIES				
BARS	NUMBER	LENGTH	SHAPE	WEIGHT
a1	1	7'0"		4.68
a2	1	7'4"		4.90
a3	1	7'9"		5.18
a4	1	8'8"		5.46
a5	1	8'6"		5.68
a6	1	9'0"		6.01
a7	1	9'5"		6.29
a8	1	11'1"		7.40
b	7	8'6"		35.07
c	1	6'0"		6.01
d	2	7'6"		10.02
e	1	6'5"		2.93
f	2	4'3"		5.68
Total Rebars, lbs				103.33
Concrete, C.Y.				2.01

All Rebars to be #4

HEADWALL FOR 30" PIPE

LARK 4TH ADDITION
WICHITA, SEDGWICK COUNTY, KANSAS



MINIMUM BUILDING PAD ELEVATIONS FOR LOWEST OPENINGS TO THE STRUCTURES			
LOT	BLOCK	ELEVATION	
		CITY DATUM	M.S.L.
8-14	1	144.0	1331.4

BENCHMARK:
CITY OF WICHITA BENCH MARK DISC. N. END OF W. HEADWALL OF R.C.B.C. LARK & MAY
ELEV. = 139.20 (CITY DATUM)

State of Kansas)
Sedgwick County) SS We, Baughman Company, P.A., Surveyors in aforesaid County and State do hereby certify that we have surveyed and platted "LARK 4TH ADDITION", Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of the property surveyed, described as follows: A tract of land in the NW1/4 of Sec. 31, Twp. 27-S, R-1-W of the 6th P.M., Sedgwick County, Kansas, described as and being a replat of the following: Lots 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, and 45, Block A, Lark Addition, Wichita, Sedgwick County, Kansas, together with Reserve "D" as platted in said Lark Addition, together with Dora Ct. as platted in said Block A, and together with that part of Dora as platted in said Lark Addition lying east of the west line of said Lot 29 as extended south to the south line of said Dora, together with a tract in said NW1/4 described as beginning at the NE Corner of said Reserve "D"; thence N76°52'50"E along the northerly line of said Reserve "D" as extended northeasterly, 190.98 feet; thence S05°00'00"E, 303.04 feet; thence S76°52'50"W, 92.01 feet; thence S46°20'46"W, 93.21 feet; thence S01°20'46"W, 244.58 feet; thence S46°20'46"W, 108.50 feet to a point on the east line of said Reserve "D"; thence N01°20'46"E along the east line of said Reserve "D", 74.39 feet to a deflection point in said east line; thence N43°39'14"W along said east line, 63.64 feet to a deflection point in said east line; thence N01°20'46"E along said east line, 184.18 feet to a deflection point in said east line; thence N46°20'46"E along said east line, 108.50 feet to a deflection point in said east line; thence N85°27'48"E along said east line, 53.54 feet to a deflection point in said east line; thence N13°07'10"W along said east line, 286.98 feet to the point of beginning.

Existing public easements and dedications being vacated by virtue of K.S.A. 12-512(b).

Baughman Company, P.A.

Michael G. Conrey 6787 Surveyor
Michael G. Conrey

Know all men by these presents that we, the undersigned, have caused the land in the surveyors certificate to be platted into Lots, a Block, Streets, and a Reserve to be known as "LARK 4TH ADDITION", Wichita, Sedgwick County, Kansas. The utility easements are hereby granted as indicated for the construction and maintenance of all public utilities. The drainage easement is hereby granted as indicated for drainage purposes. The drainage and utility easements are hereby granted as indicated for drainage purposes and for the construction and maintenance of all public utilities. The wall easement is hereby granted as indicated for the construction and maintenance of a private wall and utility main lines and service lines shall be allowed to cross this easement. The streets are hereby dedicated to and for the use of the public. Reserve "A" is hereby reserved for drainage purposes, lakes, landscaping, sidewalks, gazebos, and utilities as confined to easements. Reserve "A" shall be owned and maintained by the Homeowners Association for the addition. The Minimum Building Pad Elevations for the lowest opening to the structures shall be as shown on the face of the plat.

KicK'N Development Corporation

Paul E. Kelsey, President
Paul E. Kelsey

State of Kansas)
Sedgwick County) SS The foregoing instrument acknowledged before me, this 27th day of JANUARY, 1997, by Paul E. Kelsey, President of KicK'N Development Corporation, on behalf of the corporation.

Philip J. Meyer Notary Public
PHILIP J. MEYER

My App't. Exp. 5/5/97

PHILIP J. MEYER
NOTARY PUBLIC
STATE OF KANSAS

We, the undersigned, holders of a mortgage on the above described property, do hereby consent to this plat of "LARK 4TH ADDITION", Wichita, Sedgwick County, Kansas.

State Bank of Colwich

James D. Ashcraft AVP
JAMES D ASHCRAFT

State of Kansas)
Sedgwick County) SS The foregoing instrument acknowledged before me, this 28 day of January, 1997, by James D Ashcraft, AVP of the State Bank of Colwich, on behalf of the bank.

Scotty Bryan-Kent Notary Public
SCOTTY BRYAN-KENT

My App't. Exp. 8-5-98

SCOTTY BRYAN-KENT
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-5-98

This plat of "LARK 4TH ADDITION", Wichita, Sedgwick County, Kansas has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this ____ day of _____, 199__
Wichita-Sedgwick County Metropolitan Area Planning Commission

_____, Chair
Susan Osborne-Howes

_____, Secretary
Marvin S. Krout

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this ____ day of _____, 1997.

_____, Mayor
Bob Knight

_____, City Clerk
Pat Burnett

Entered on transfer record this ____ day of _____, 1997.

_____, County Clerk
James Alford

State of Kansas)
Sedgwick County) SS This is to certify that this plat has been filed for record in the office of the Register of Deeds, this ____ day of _____, 1997, at ____ o'clock ____ M, and is duly recorded.

_____, Register of Deeds
Larry Consolver

_____, Deputy
Michael D. Hurtt

LARK 4

18 3 1 0

7 17