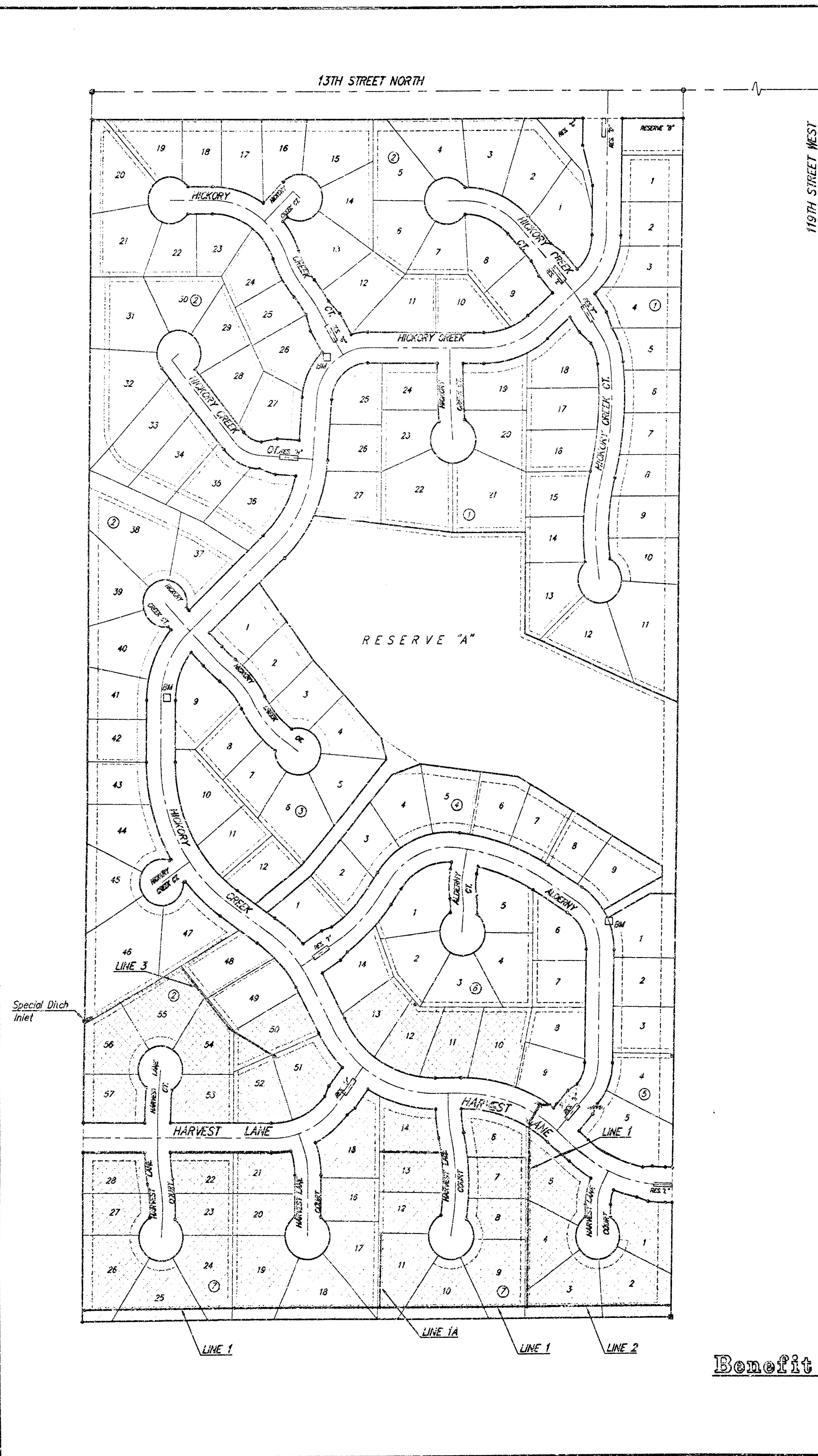




STORM WATER SEWER IMPROVEMENTS

to serve

Hickory Creek Estates Phase III

CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

Private Project Number

003 PPS (607881)

Sheet Index

Title Sheet	1
Line 1	2-5
Line 1A	6
Line 2	7
Line 3	8
Easement Grading Plan	9
Type 1A Double Inlet Detail	10
Special Ditch Inlet Detail	11
Special Yard Inlet Detail	12
Copy of Plat	13

BENCHMARKS:

□ Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2.

Elevation = 150.01 City Datum

□ Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 9, Block 3.

Elevation = 162.21 City Datum

□ Cut on South Edge of Concrete Entrance to Lift Station 0.5' East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5.

Elevation = 155.60 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
The Contractor must notify the following in case of an emergency:
Multimedia Cablevision 262-0661
K.P.L. Gas Service Company 383-8650
Kansas Gas & Electric Company 383-8600
Peoples Gas Company 942-8250
Southwestern Bell Telephone Company 1-571-2811
City of Wichita Water Dept. 268-4908
City of Wichita Traffic Engineering 268-4446
- 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.
- 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.
- The Contractor shall give all property owners and/or tenants of developed property abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
- 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 laws.
- Contractor shall grade the storm sewer alignment to the profile and elevations shown on the easement grading plans. All costs for grading shall be paid as lump sum for easement grading.
- 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. Prior to seeding, area shall be prepared per City specs.

Scale: 1" = 150'

Benefit District

As Built 7/00 K14

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA,

Storm Sewers VRH 12/10/99

NOTE TO CONTRACTORS

Installation, 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).

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

Benchmarks:

"1" Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2.

Elevation = 160.01 City Datum

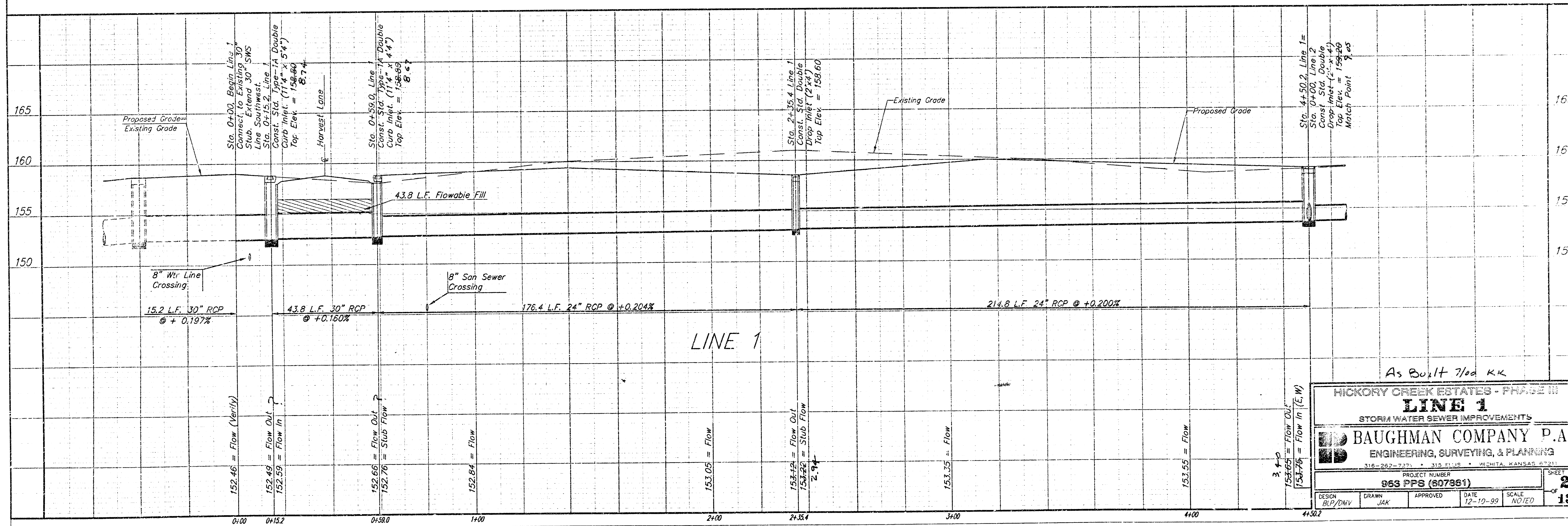
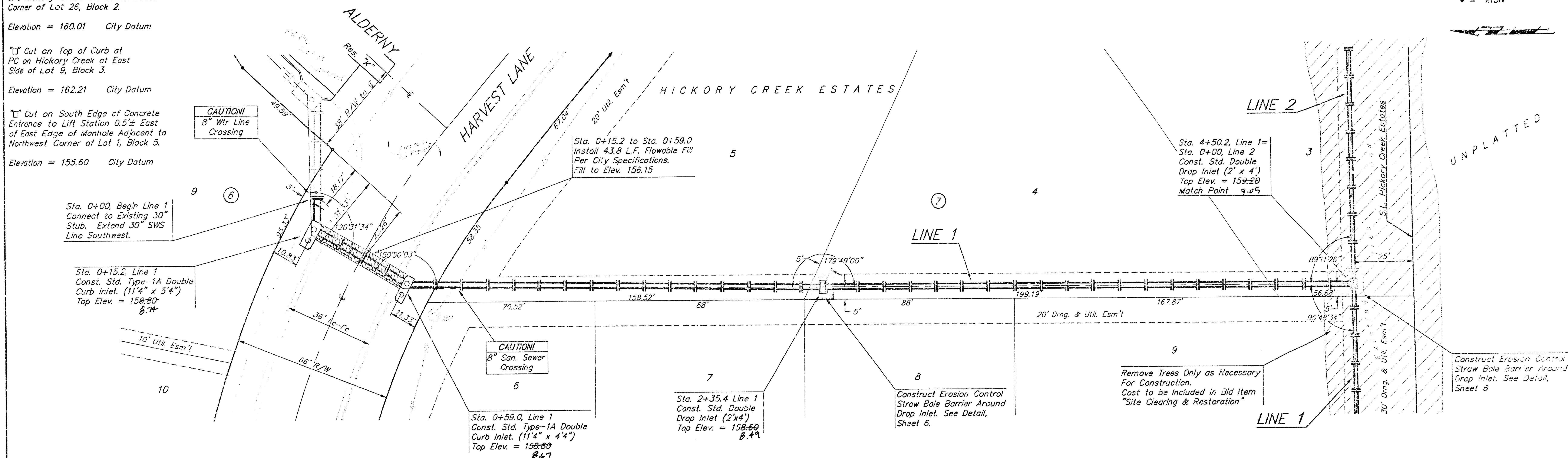
"2" Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 9, Block 3.

Elevation = 162.21 City Datum

"3" Cut on South Edge of Concrete Entrance to Lift Station 0.5± East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5.

Elevation = 155.60 City Datum

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON



As Built 7/02 KK

HICKORY CREEK ESTATES - PHASE II
LINE 1
STORM WATER SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
216-282-2271 • 318 BLUE • WICHITA, KANSAS 67211

PROJECT NUMBER: 963 PPS (607861)

DESIGN: BLP/DHV	DRAWN: JAK	APPROVED:	DATE: 12-10-99	SCALE: NOTED
-----------------	------------	-----------	----------------	--------------

SHEET 2 OF 13

Benchmarks:

☐ Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2.

Elevation = 160.01 City Datum

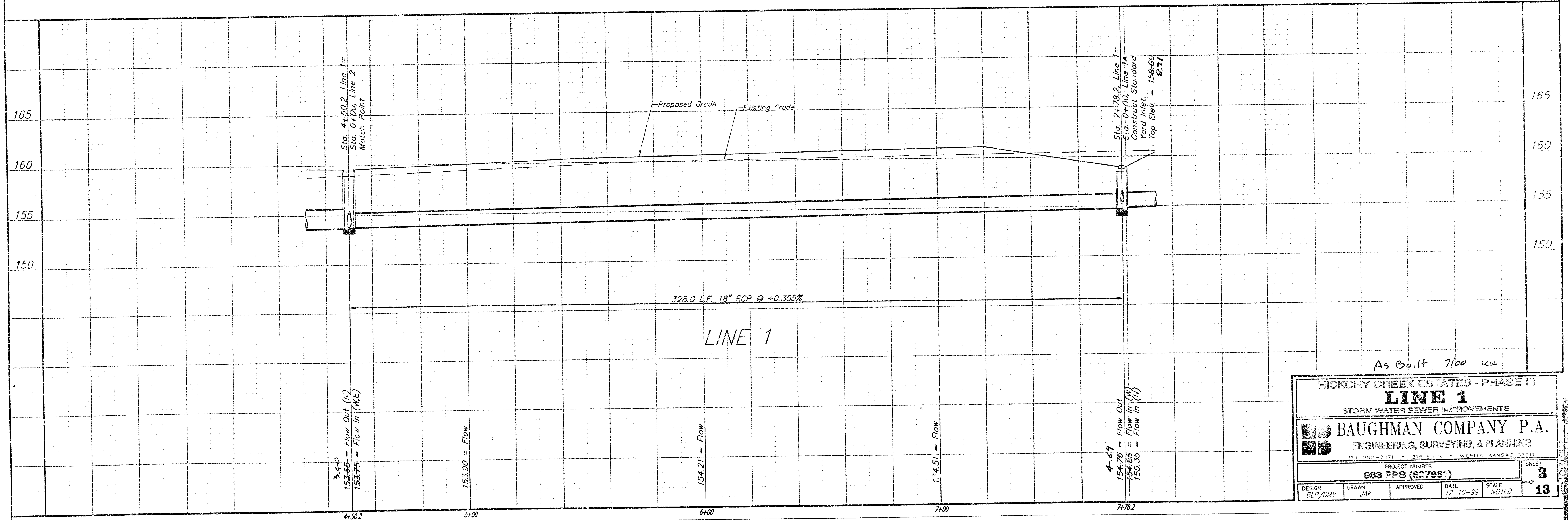
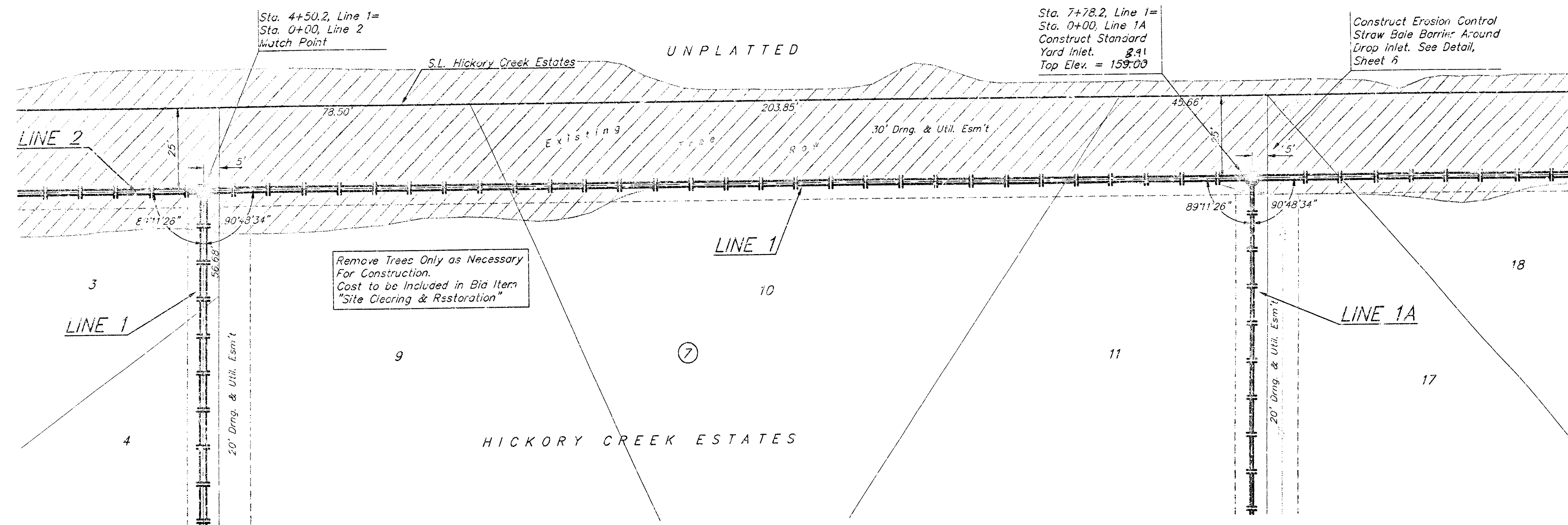
☐ Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 9, Block 3.

Elevation = 162.21 City Datum

☐ Cut on South Edge of Concrete Entrance to Lift Station 0.5'± East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5.

Elevation = 155.60 City Datum

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON



As Built 7/00 KIC

HICKORY CREEK ESTATES - PHASE III
LINE 1
STORM WATER SEWER (18" DIAMETER)

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
313-282-7271 • 314 ELLIS • WICHITA, KANSAS 67201

PROJECT NUMBER: **963 PPS (907861)**

DESIGN: BLP/DMV	DRAWN: JAK	APPROVED:	DATE: 12-10-99	SCALE: 1/8"=1'-0"	SHEET: 3
					13

Benchmarks:

"1" Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2.

Elevation = 160.01 City Datum

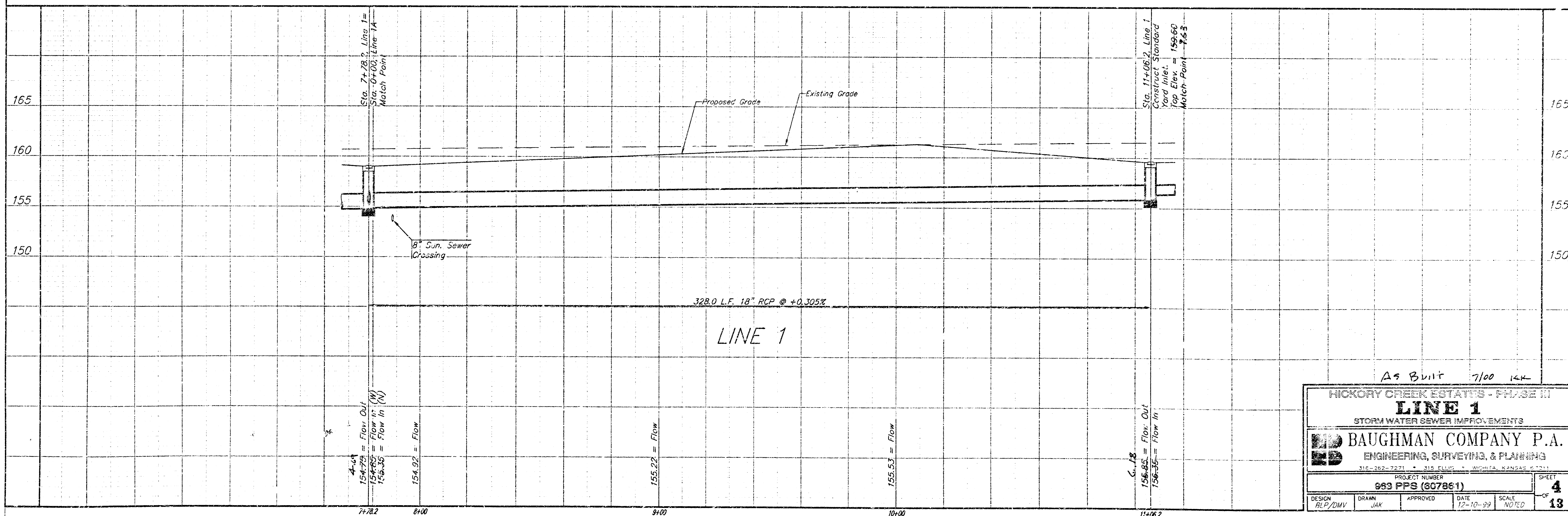
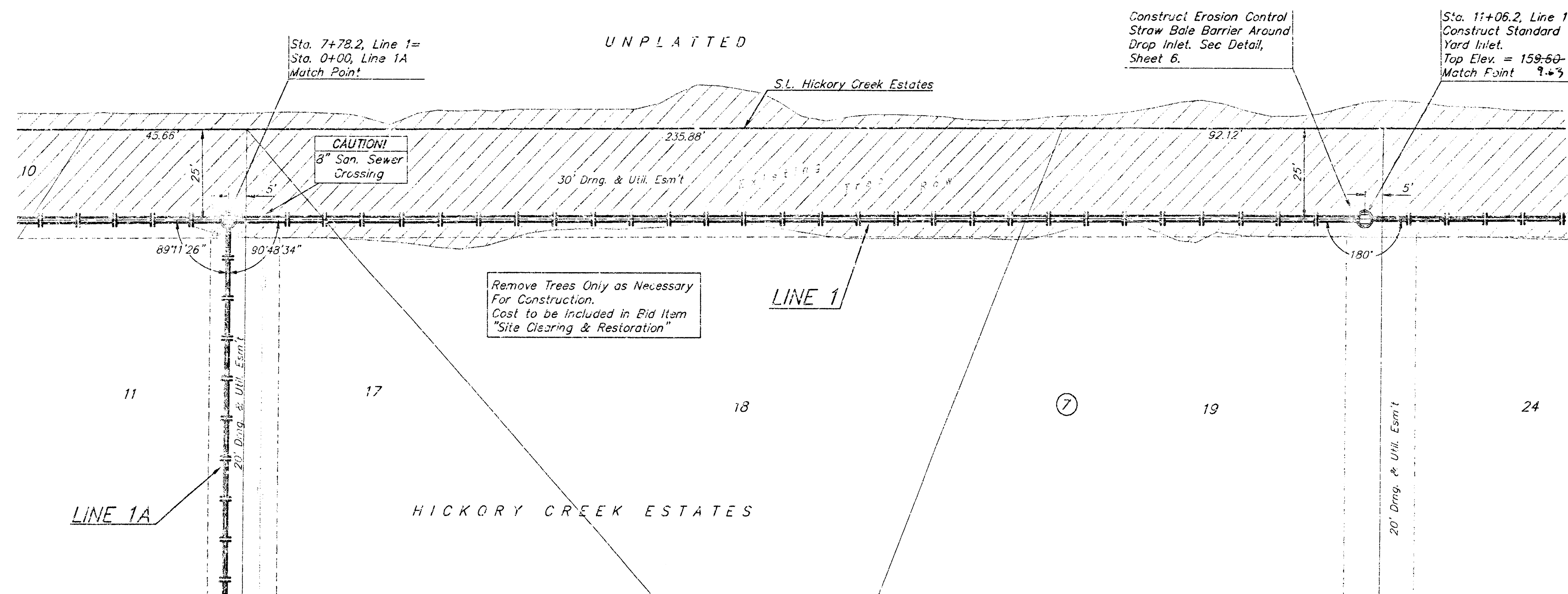
"2" Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 9, Block 3.

Elevation = 162.21 City Datum

"3" Cut on South Edge of Concrete Entrance to Lift Station 0.5± East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, block 5.

Elevation = 155.60 City Datum

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
* = IRON



As Built 7/00 K.K.			
HICKORY CREEK ESTATES - PHASE III			
LINE 1			
STORM WATER SEWER IMPROVEMENTS			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67201			
PROJECT NUMBER			
983 PPS (607881)			
DESIGN	DRAWN	APPROVED	DATE
RLO/DMV	JAK		12-10-99
SCALE			NOTED
			13

Benchmarks:

□ Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 25, Block 2.

Elevation = 160.01 City Datum

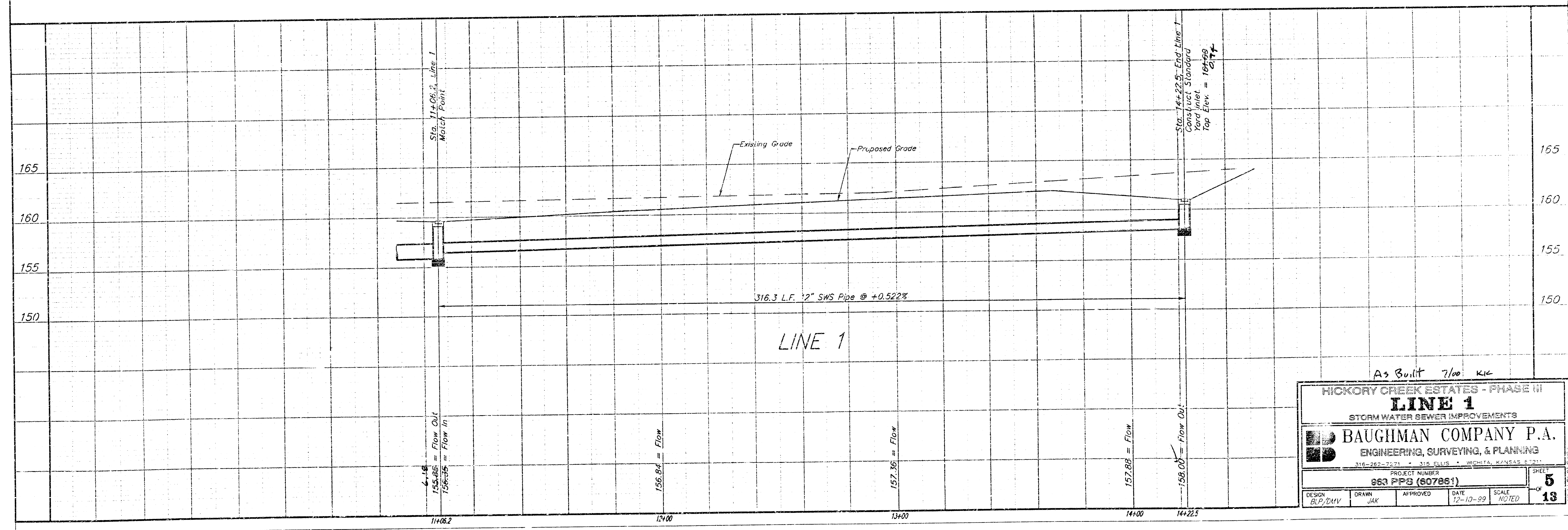
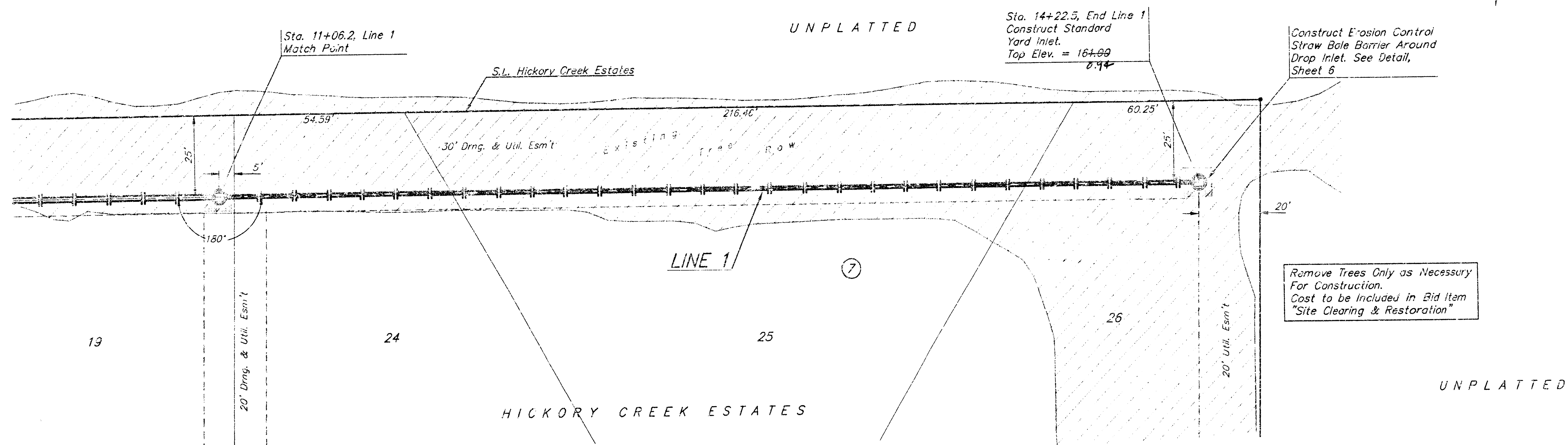
□ Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 3, Block 2.

Elevation = 162.21 City Datum

□ Cut on South Edge of Concrete Entrance to Lift Station 0.5' East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5.

Elevation = 155.60 City Datum

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON



As Built 7/00 KLC

HICKORY CREEK ESTATES - PHASE III			
LINE 1			
STORM WATER SEWER IMPROVEMENTS			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-2721 • 316 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER		SHEET	
963 PPS (607861)		5	
DESIGN	DRAWN	APPROVED	DATE
BLP/DMV	JAK		12-10-99
SCALE		NOTED	
		13	

Benchmarks:

"1" Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2.

Elevation = 160.01 City Datum

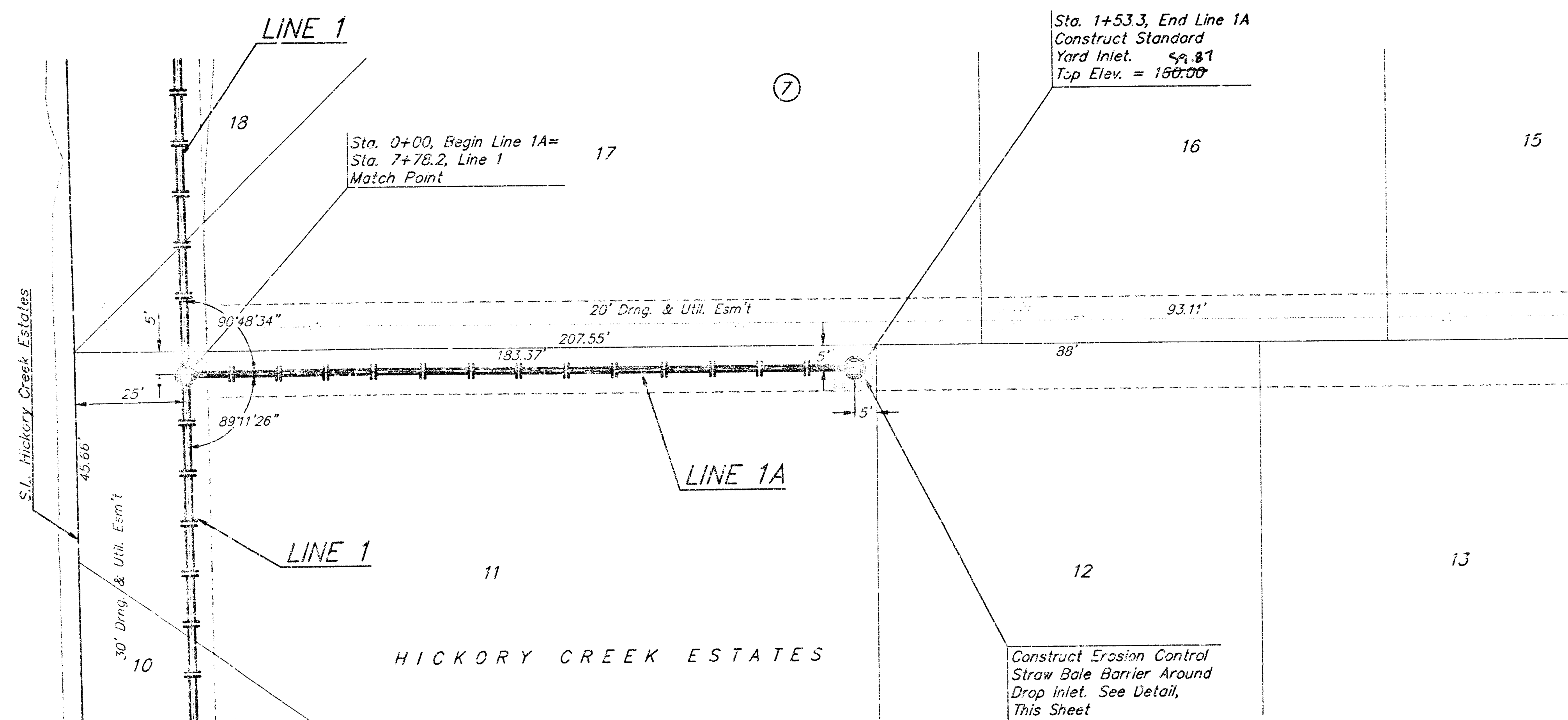
"2" Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 9, Block 3.

Elevation = 162.21 City Datum

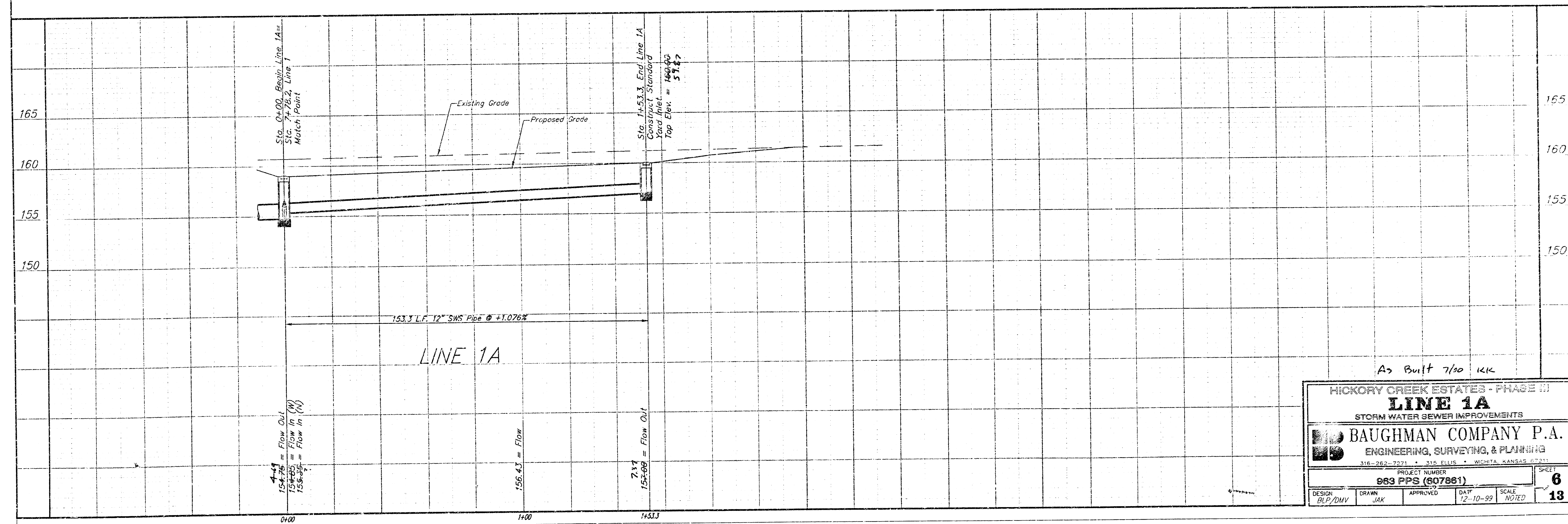
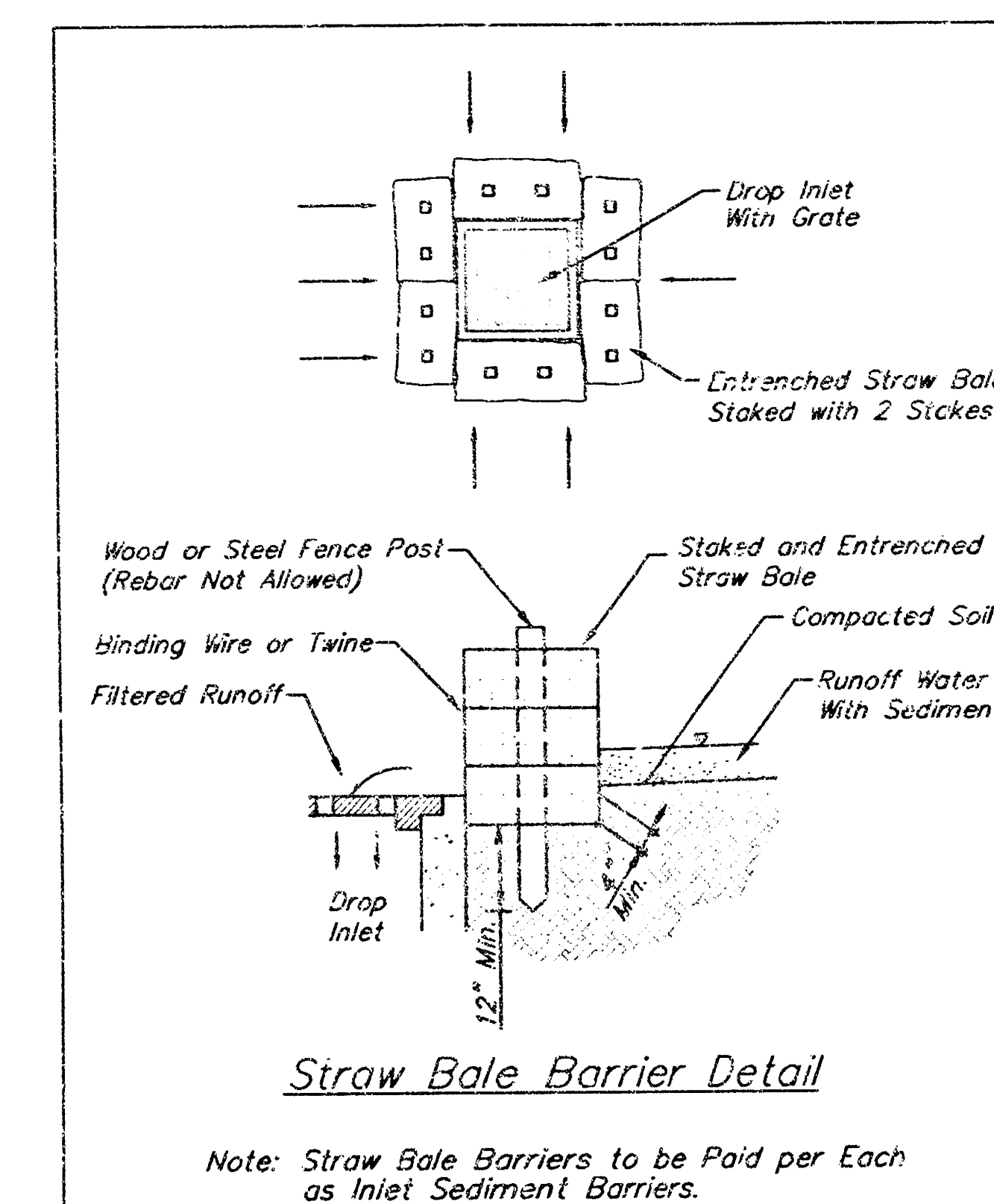
"3" Cut on South Edge of Concrete Entrance to Lift Station 0.5'± East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5.

Elevation = 155.60 City Datum

UNPLATTED



SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON



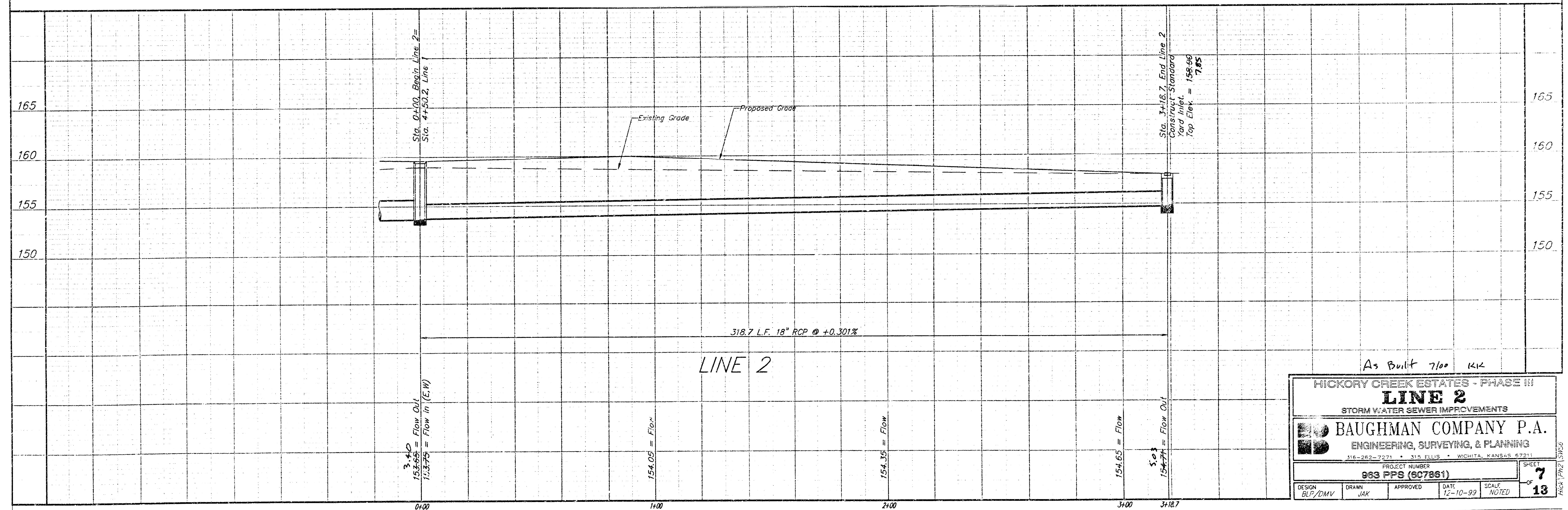
As Built 7/10/12

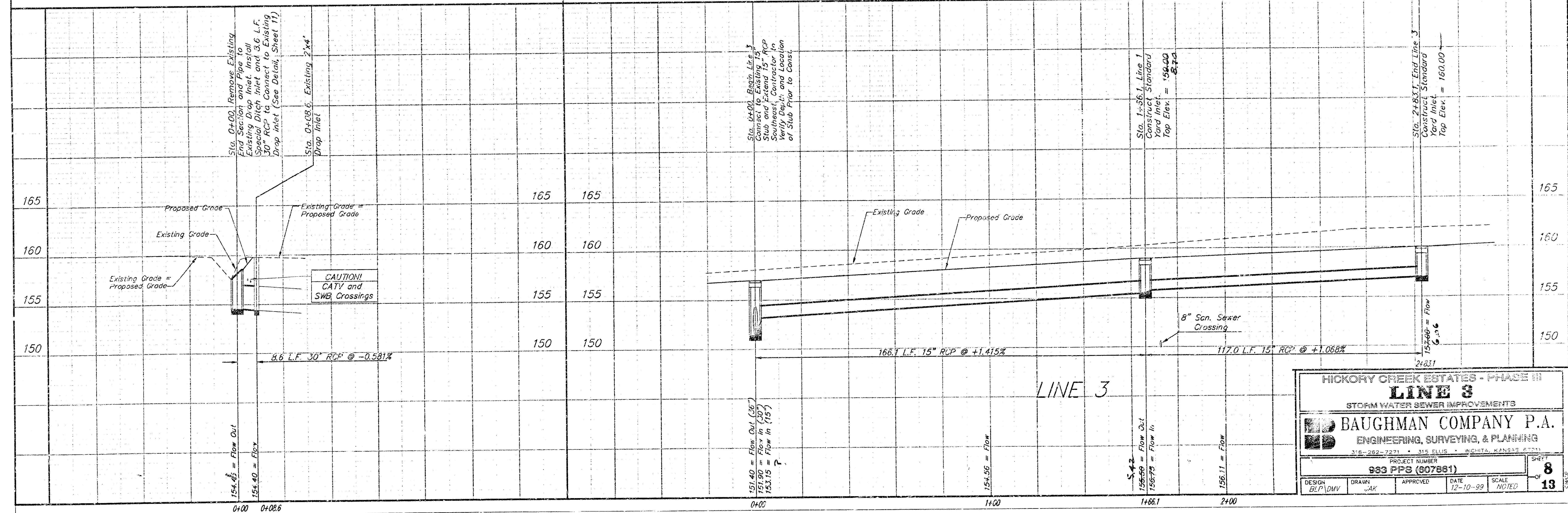
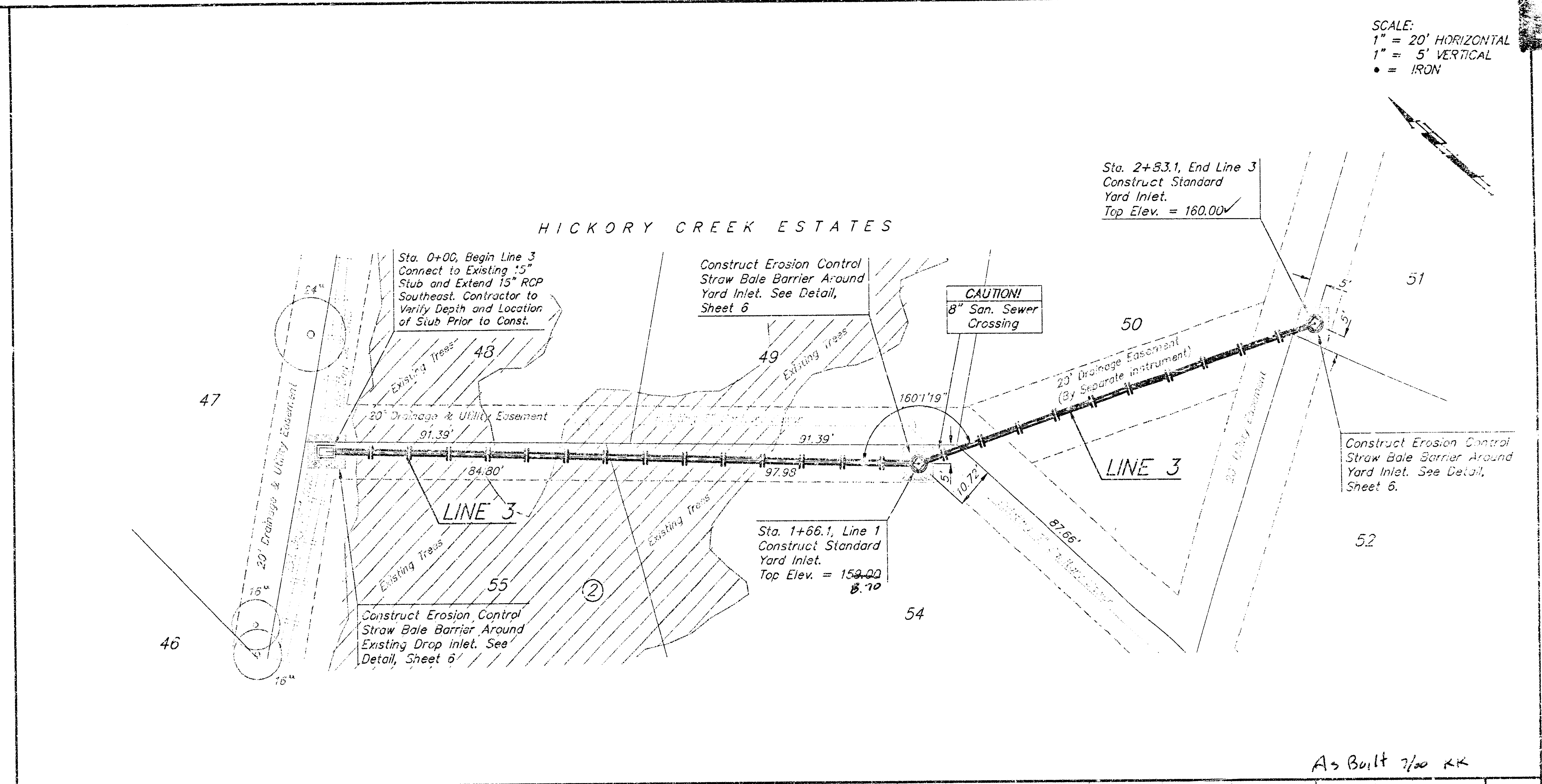
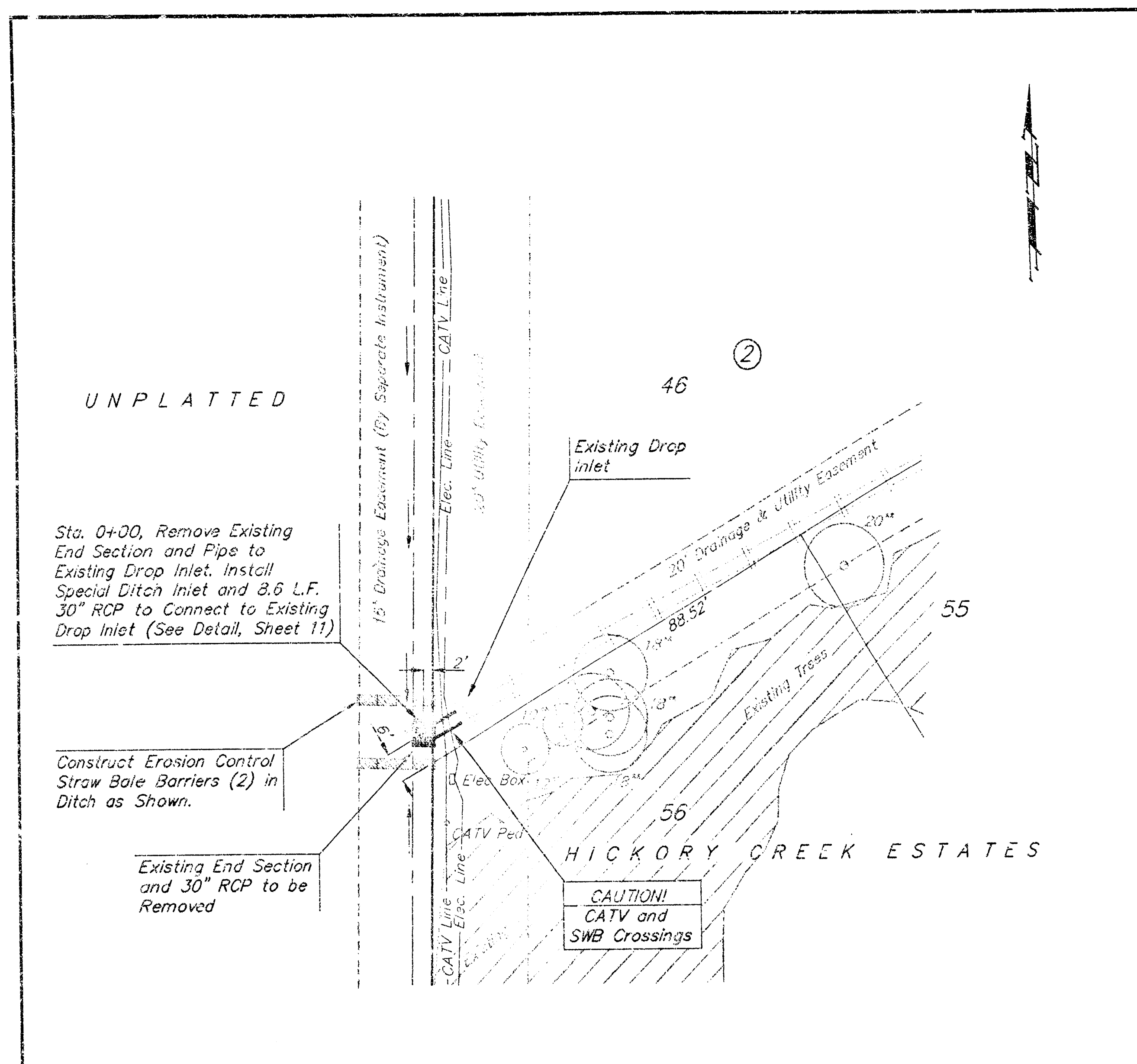
HICKORY CREEK ESTATES - PHASE III			
LINE 1A			
STORM WATER SEWER IMPROVEMENTS			
BAUGHMAN COMPANY P.A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
963 PPS (607861)			
DESIGN	DRAWN	APPROVED	DATE
BLP/DMV	JAK		12-10-99
SCALE			SHEET
NOTED			6
			13

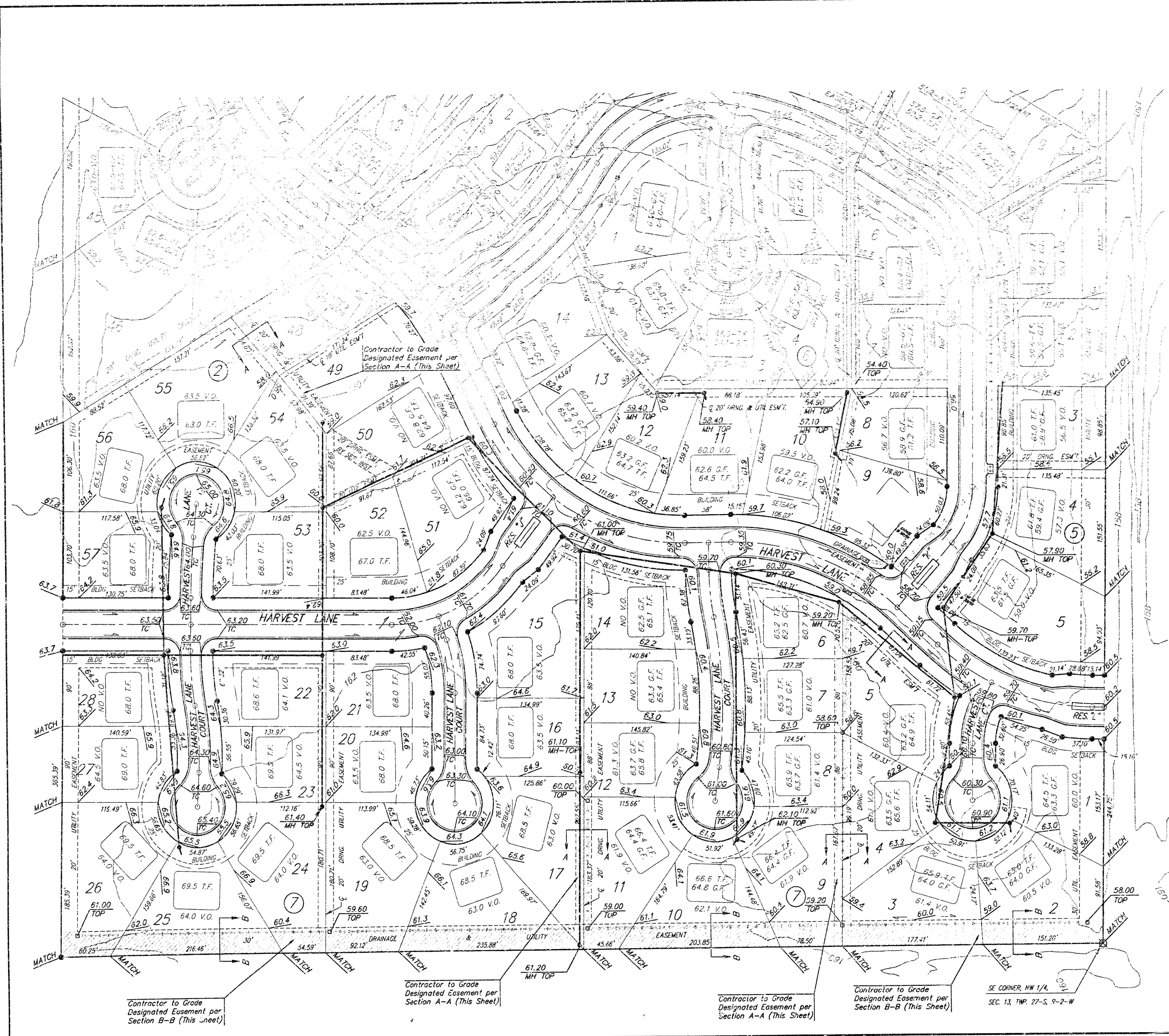
"□" Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2.

"□" Cut on Top of Curb at
PC on Hickory Creek at East
Side of Lot 9, Block 3.

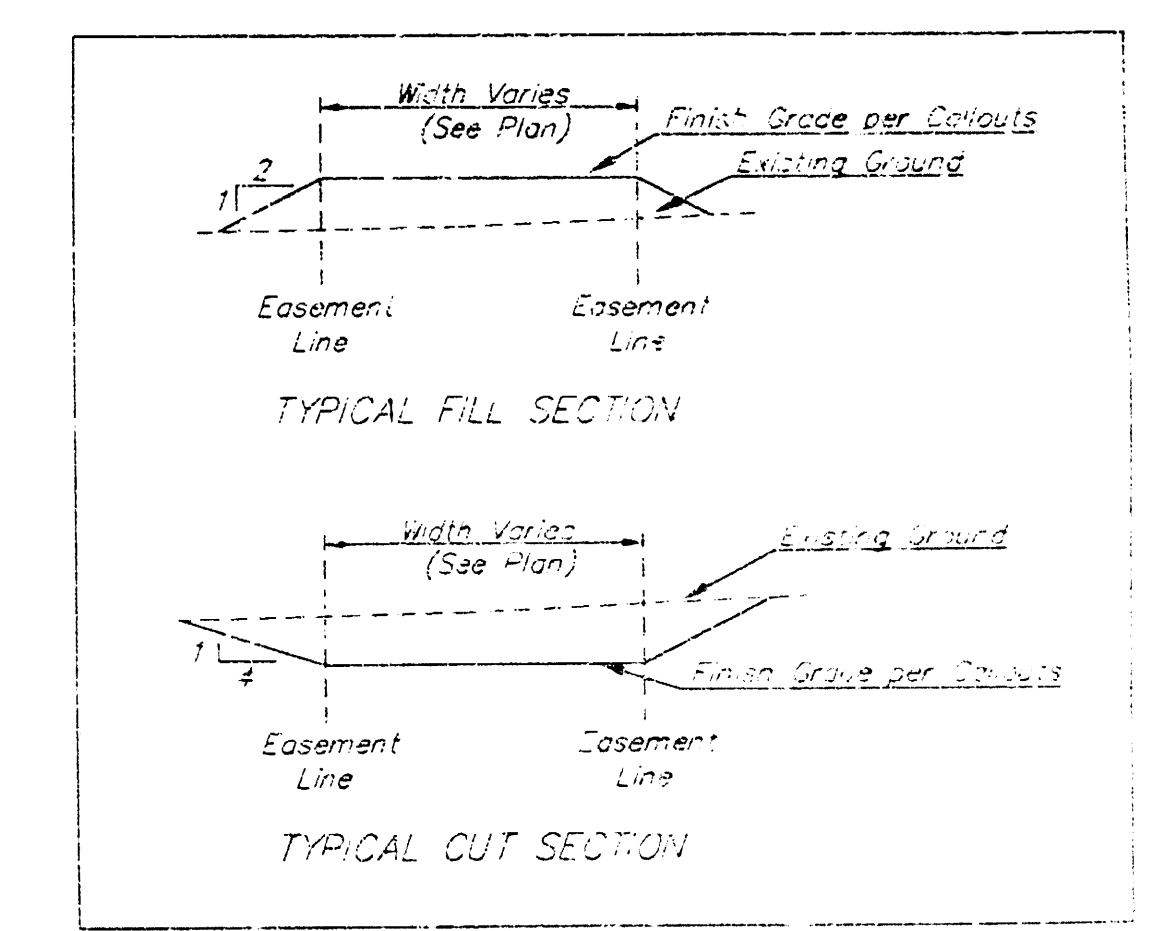
"□" Cut on South Edge of Concrete Entrance to Lift Station 0.5'± East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5.

[illegible]

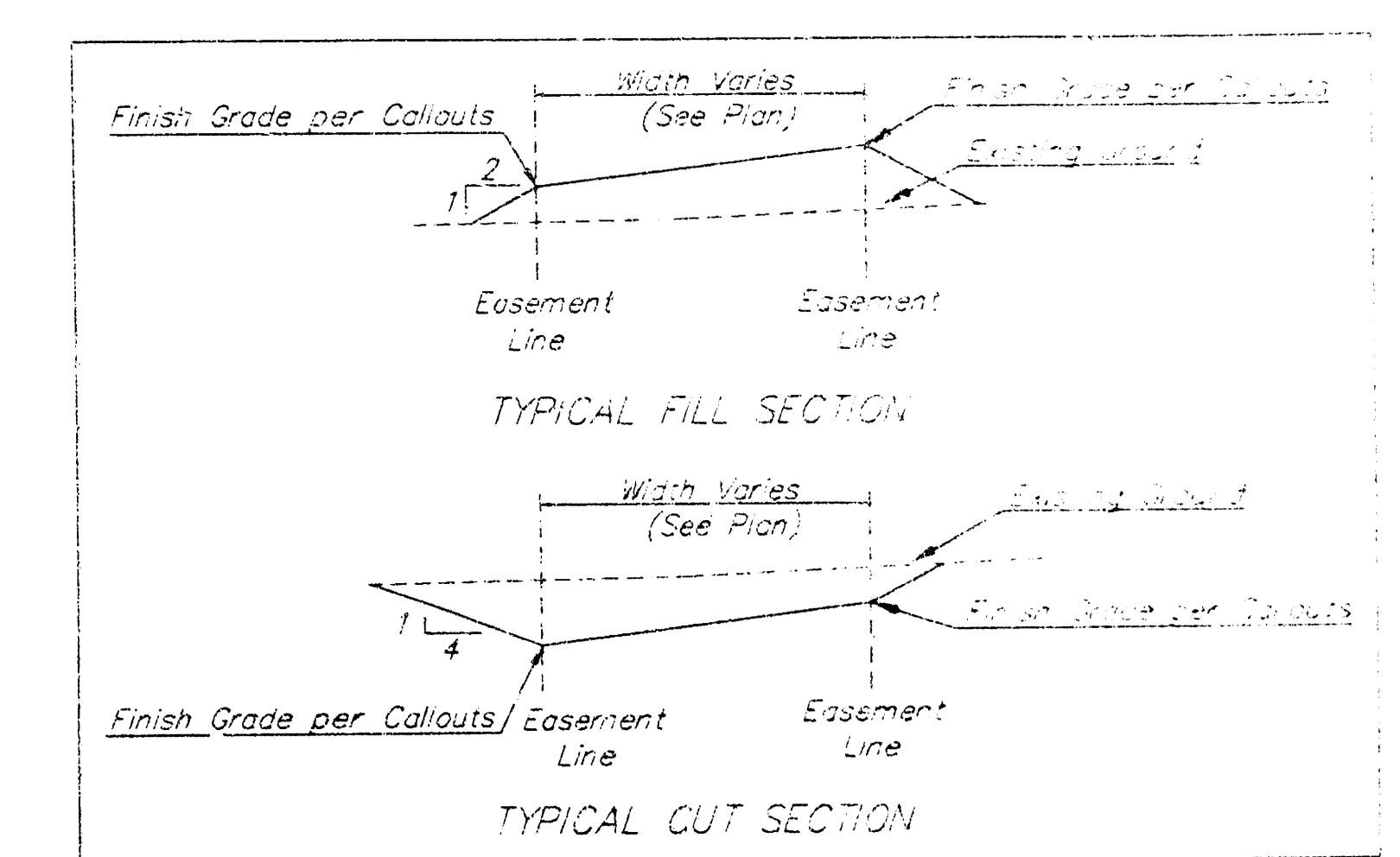




SCALE: 1"=60'



SECTION A-A



SECTION B-B

□ = Easements To Be Graded

The contractor shall grade the easements as shown to the elevations given on the easement grading plan. All costs for grading shall be incidental to the Easement Grading bid item.

The contractor shall 'straight' grade the easements between the elevations given. Where a callout designates 'Match', the contractor will grade to the existing ground elevation.

Benchmarks:

1" Cut on Top of Curb Return at Southwest Corner of Hickory Creek and Hickory Creek Ct. at Northeast Corner of Lot 26, Block 2. Elevation = 160.01 (City Datum)

1" Cut on Top of Curb at PC on Hickory Creek at East Side of Lot 9, Block 3. Elevation = 162.21 (City Datum)

1" Cut on South Edge of Concrete Entrance to Lift Station 0.5 mi East of East Edge of Manhole Adjacent to Northwest Corner of Lot 1, Block 5. Elevation = 155.60 (City Datum)

HICKORY CREEK ESTATES - PHASE III

ESMT GRADING PLAN

STORM WATER SEWER

BAUGHMAN COMPANY P.A.

ENGINEERING, SURVEYING, & PLANNING

318-262-7271 • 315 ELLIS • MONTANA, KANSAS 67101

PROJECT NUMBER

963 PPS (607861)

DESIGN

BLP/DNV

DRAWN

JAK

APPROVED

DATE

12-10-99

SCALE

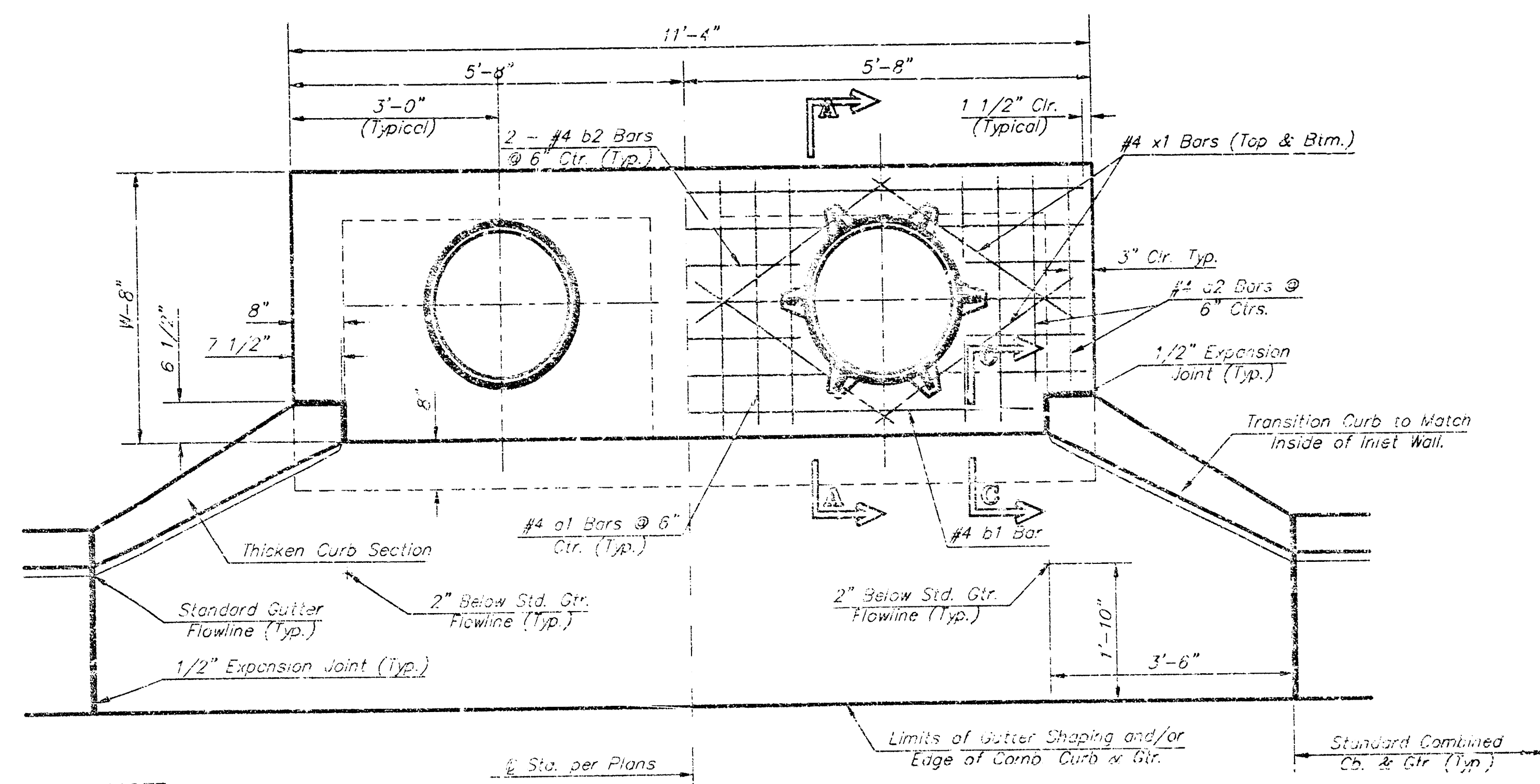
NOTED

SHEET

9

OF

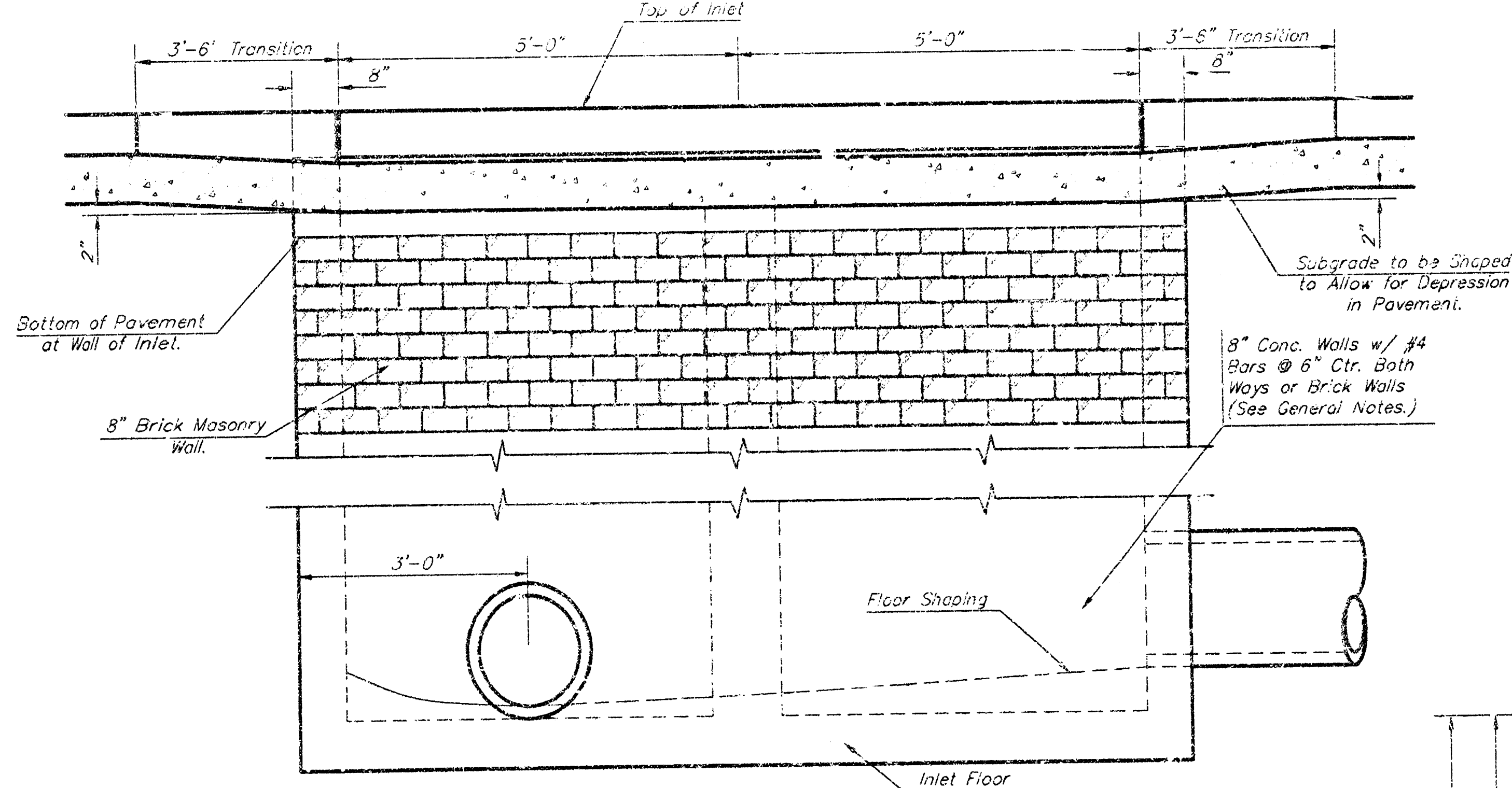
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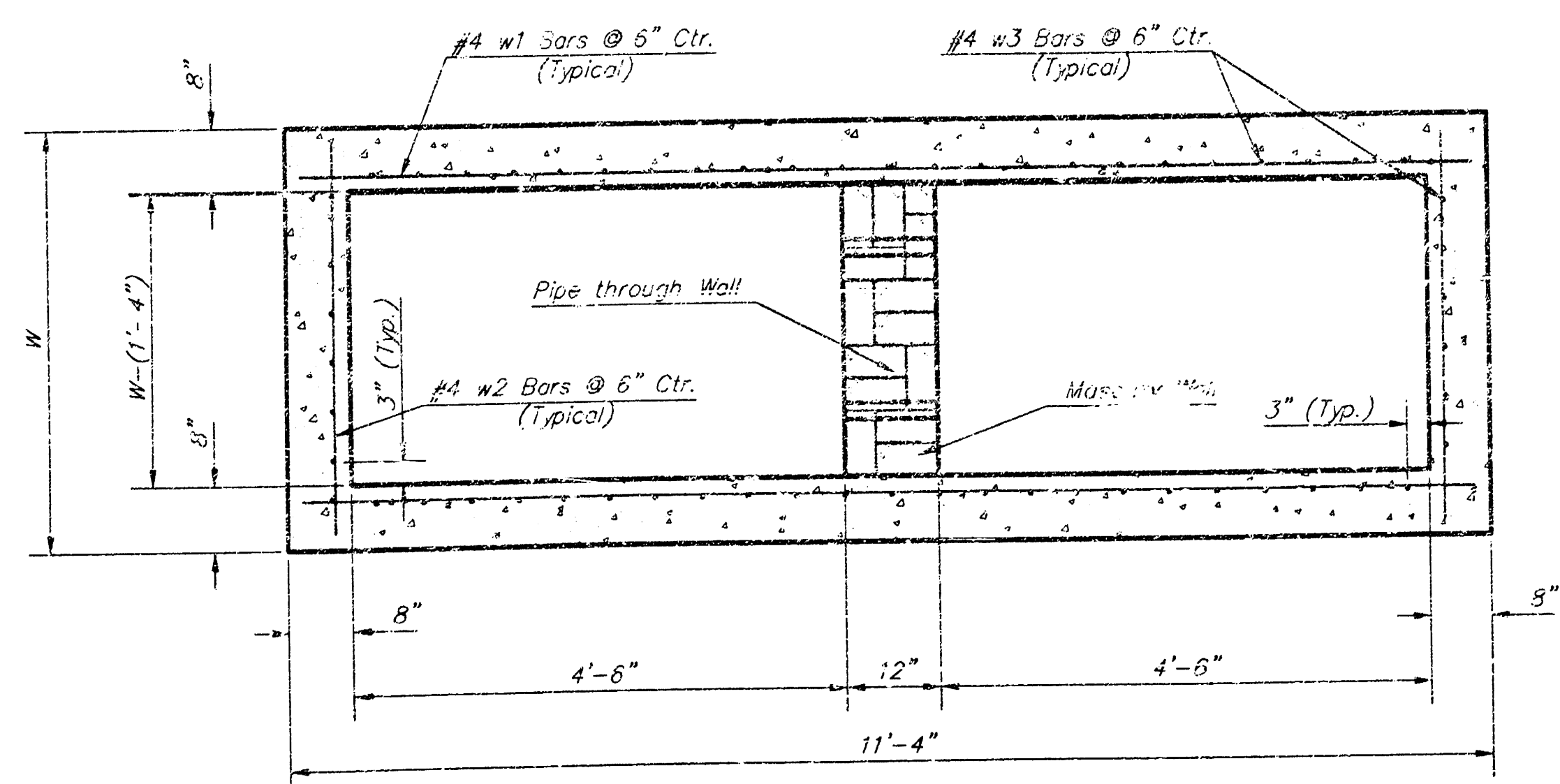
NOTE:
Expansion Joint Only in Curb Area
with Concrete Pavement.

PLAN

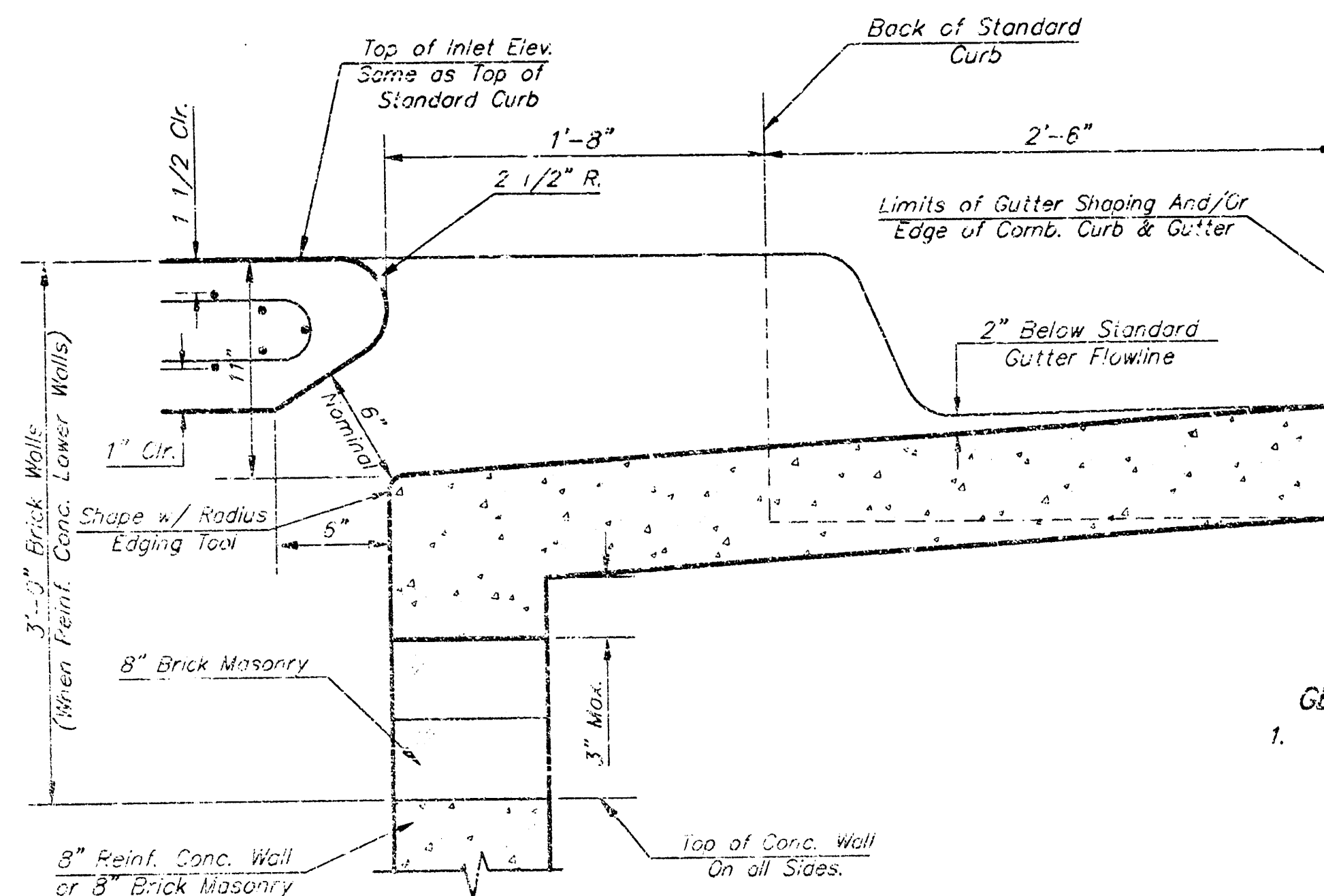
*Left Side Shown Without Slab Reinforcing,
Right Side Shown With Slab Reinforcing



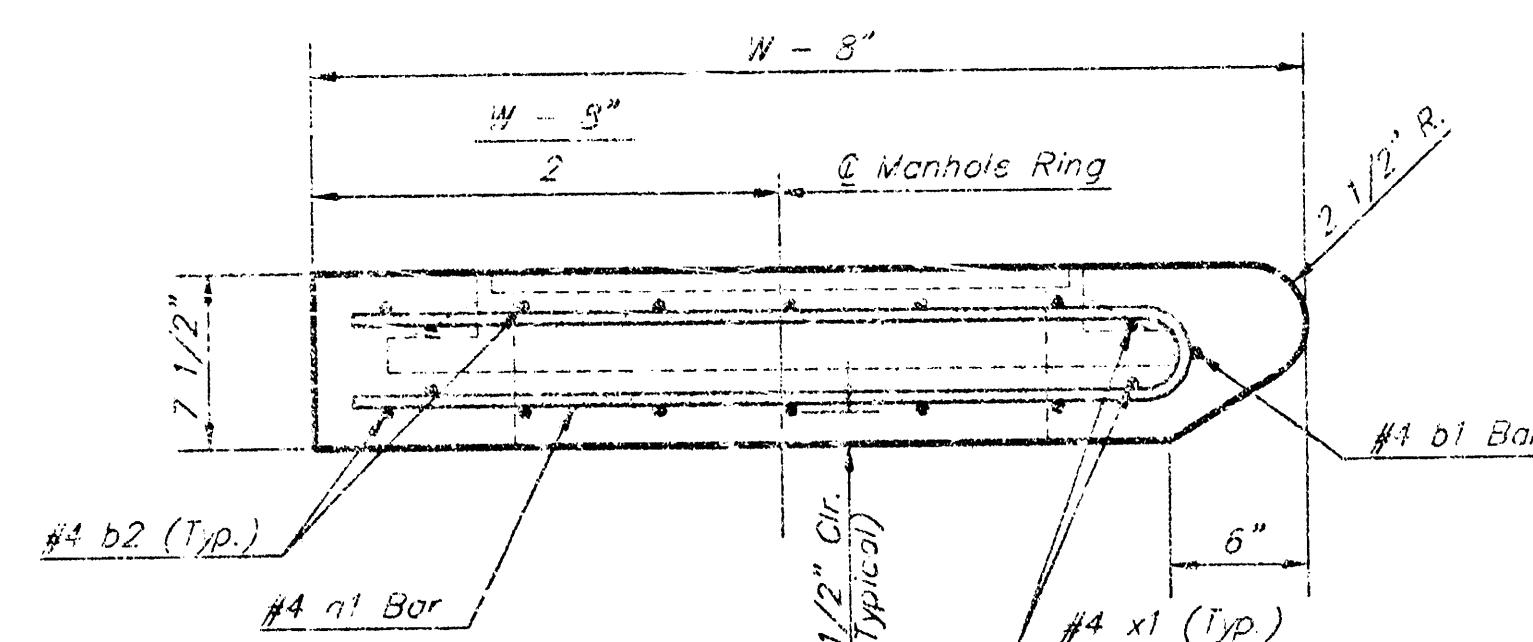
ELEVATION



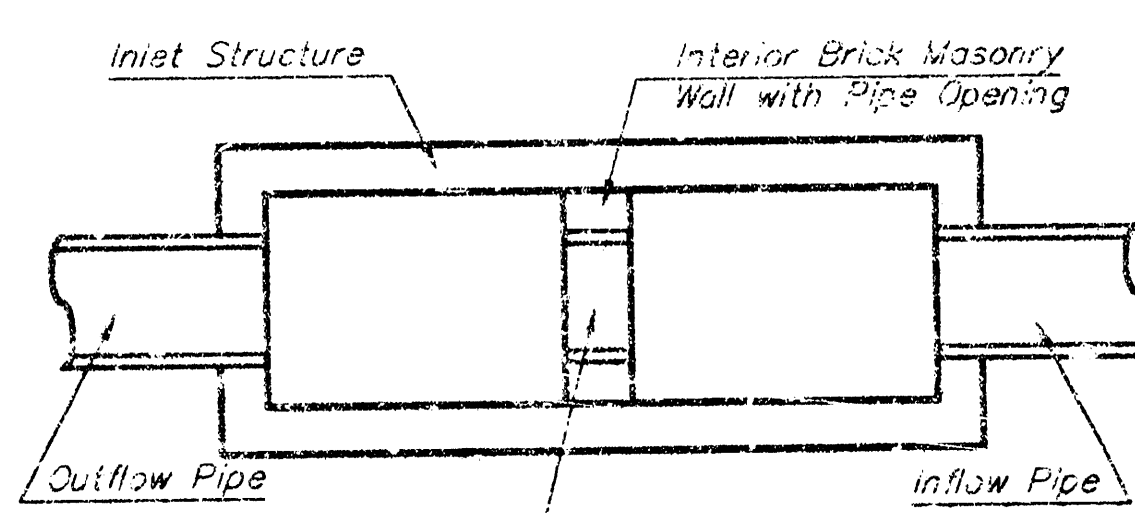
SECTION B-B



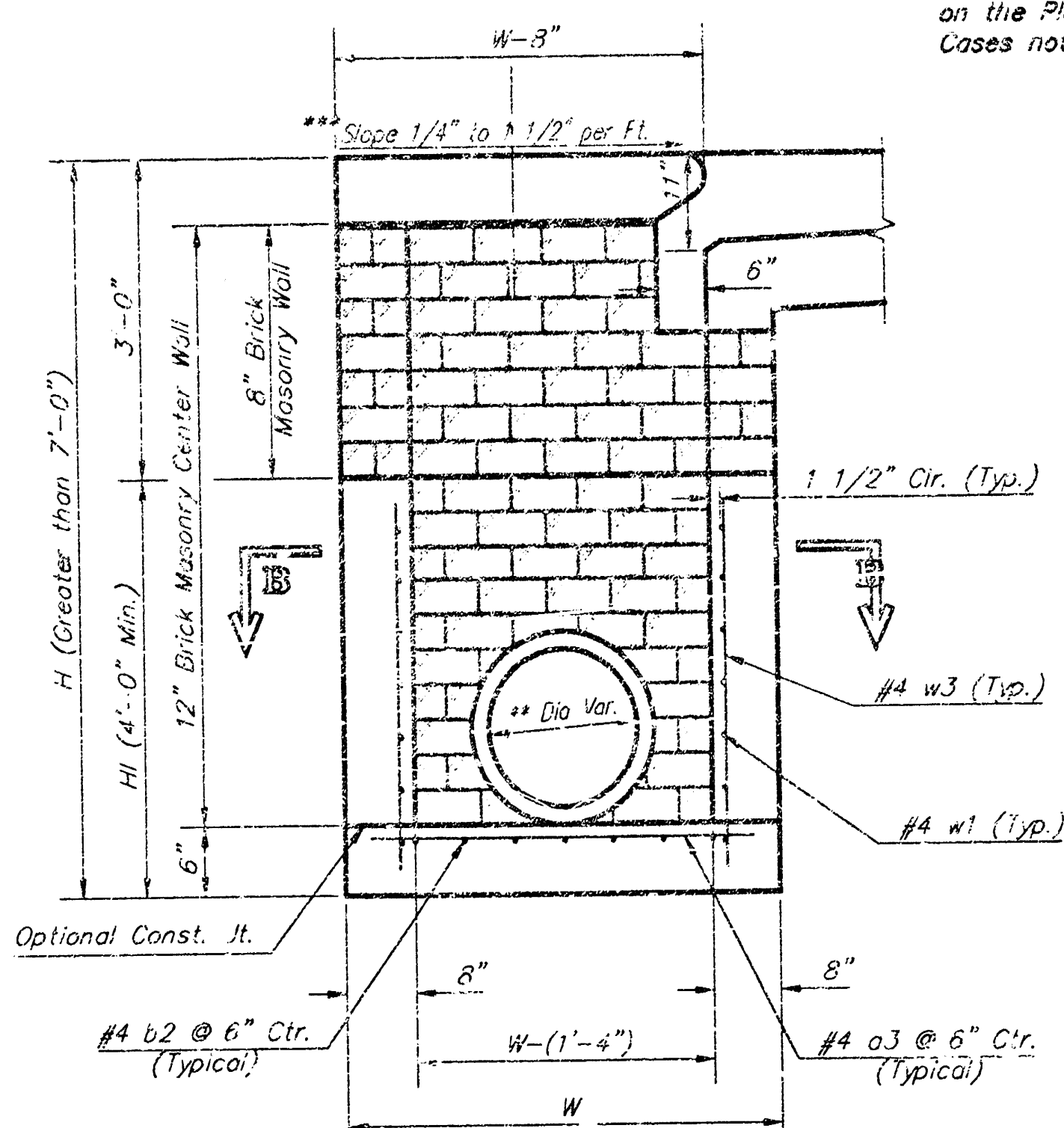
SECTION C-C



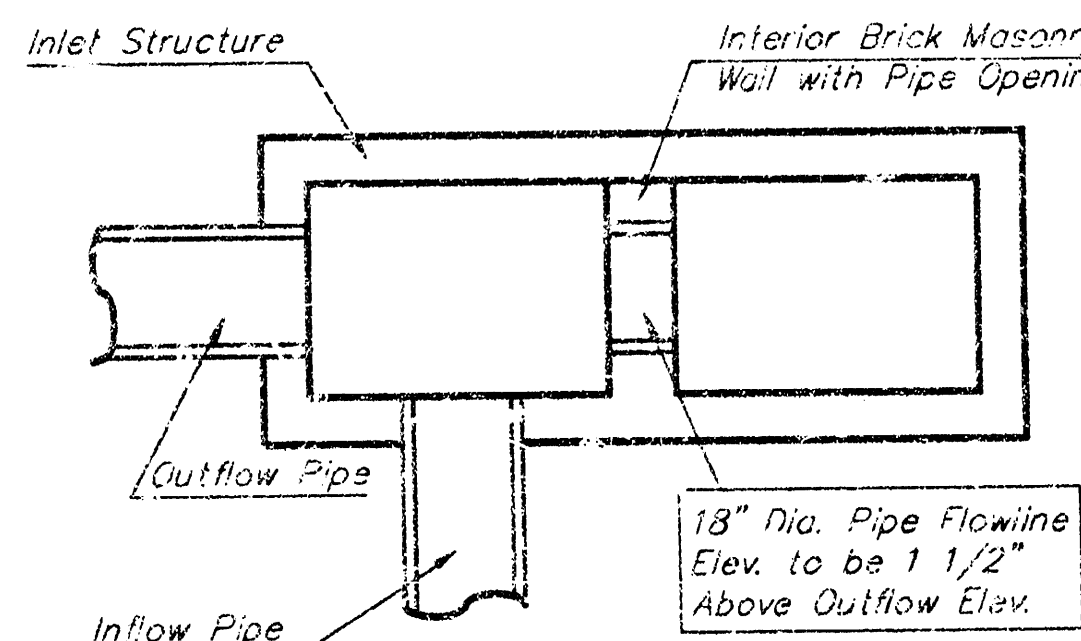
SECTION A-A



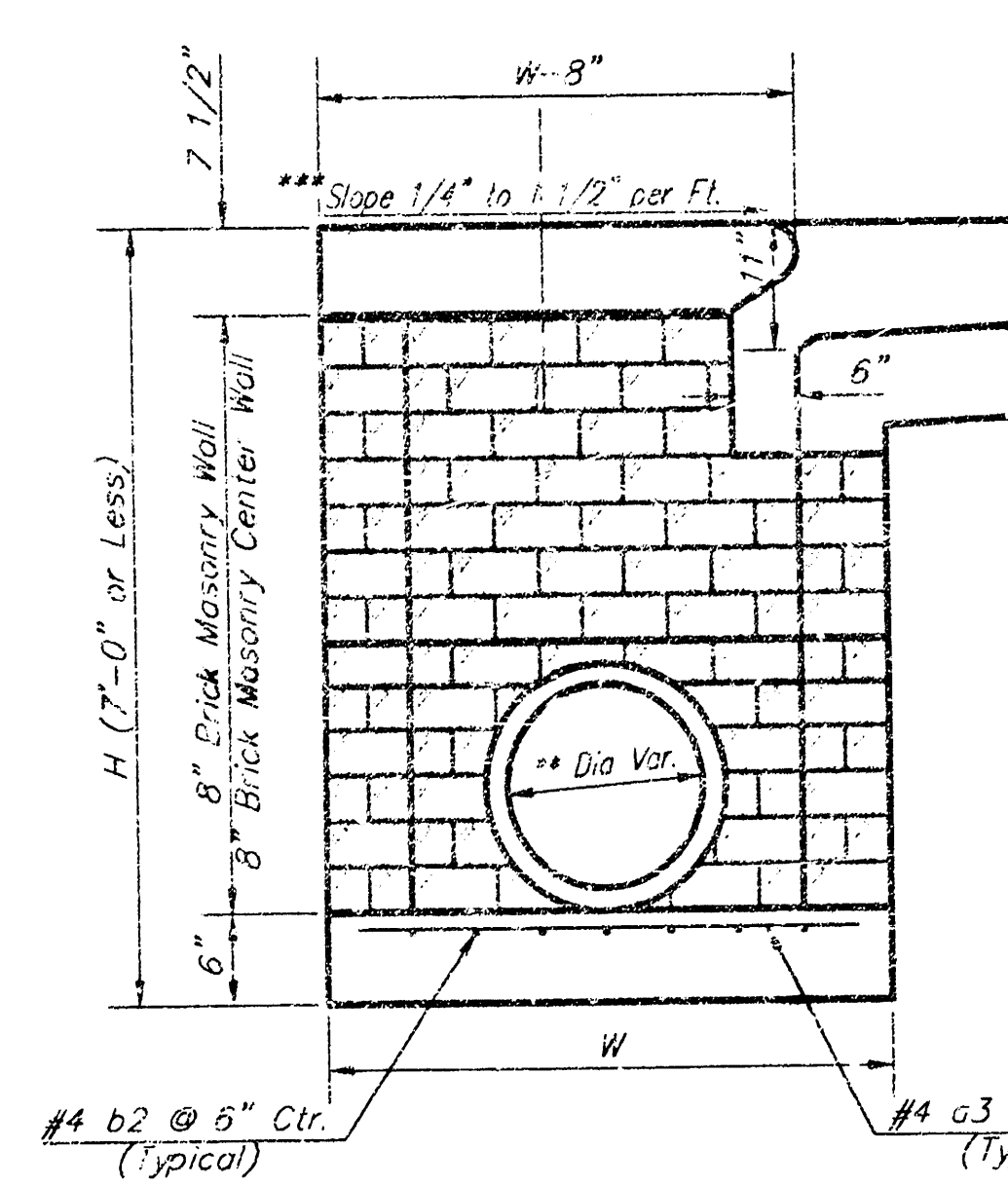
CASE I



TYPICAL INLET SECTION AT CENTER WALL
(Reinforced Concrete Walls)



CASE II



TYPICAL INLET SECTION AT CENTER WALL
(Masonry Walls)

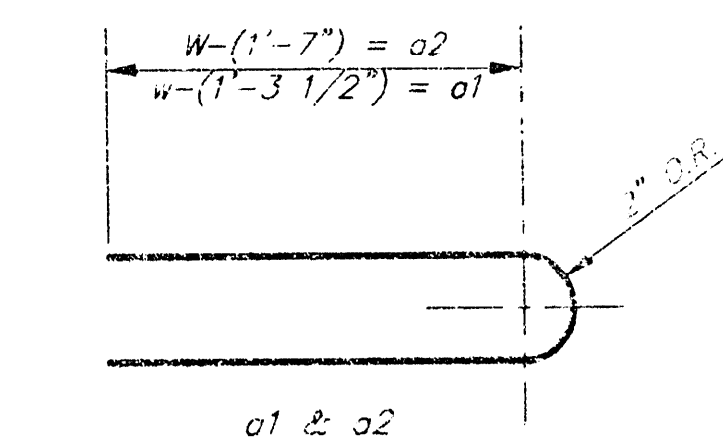
NOTES:
* A center wall opening shall be provided by
means of a section of reinforced concrete
pipe. See Case I and Case II above.
*** Slope of inlet tops to match sidewalk of
parking slopes within limits indicated

PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
* 01	#4	13	6'-7"	13	8'-7"	13	10'-7"	13	12'-7"
* 02	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"
* 03	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"
* 04	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
* 05	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"
* 06	#4	23	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"

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

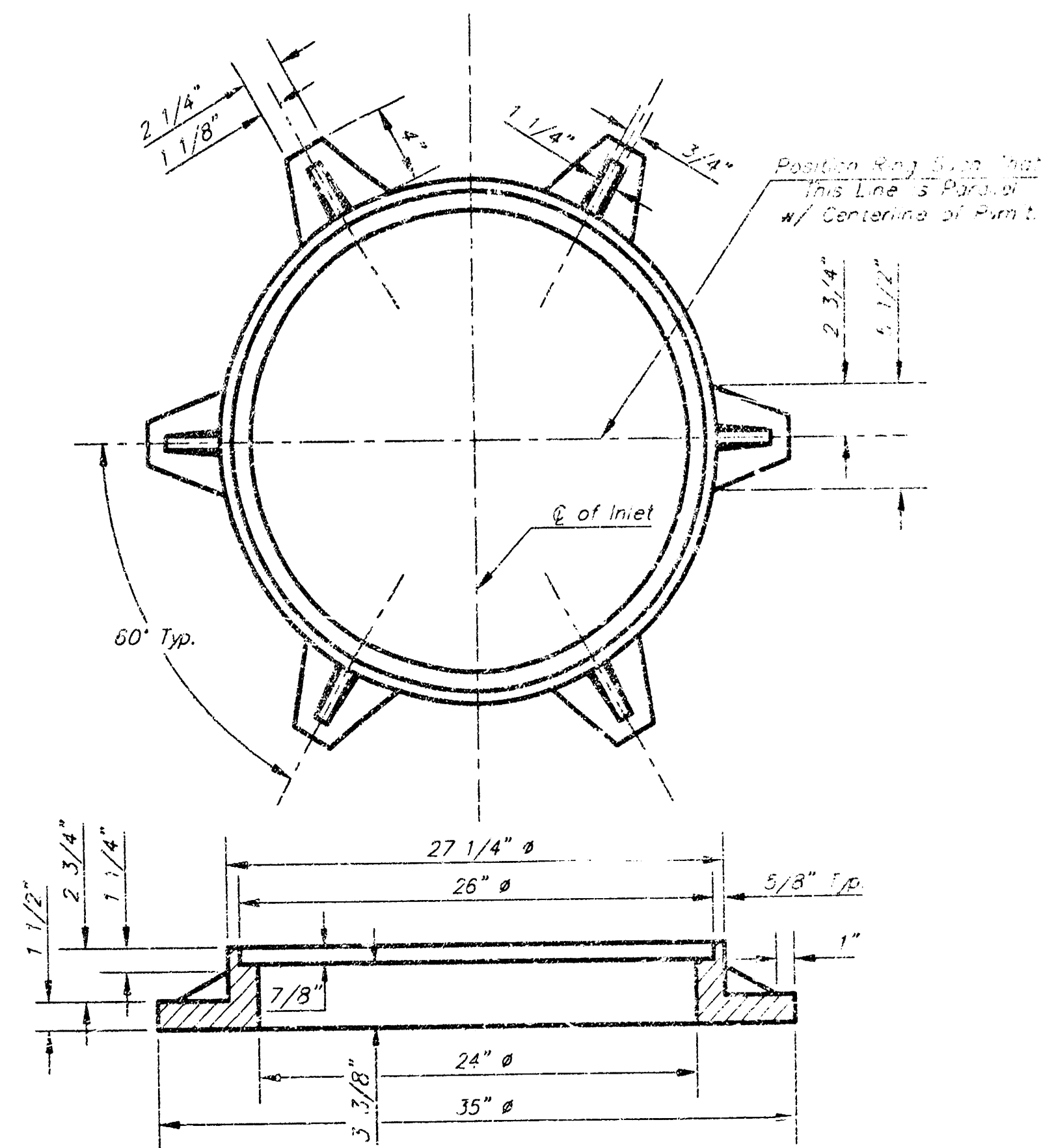
GENERAL NOTES:

- The contractor shall be required to construct 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" or less and H=7'-0" or less. When W is greater than 6'-4" and H is less than 7'-0" the outside inlet walls below the brick stack shall be reinforced concrete construction and the center wall shall be of masonry construction as shown for the masonry wall option.
- Inlet invert shall be shaped with B 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.
- Concrete tops to be installed on this 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.
- Inlet top reinforcing shall be spaced on 6" max. centers. Inlet ribs shall be notched out as indicated to facilitate construction of curb. Bars in inlet top to be field bent or cut to clear manhole ring.
- The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.



BENDING DIAGRAM

W	PRE-CAST TOP SIZE	PIPE SIZE	W	PRE-CAST TOP SIZE	PIPE SIZE
4'-4"	3'-8" 11'-4" 7 1/2"	24" & SMALLER	5'-4"	4'-8" 11'-4" 7 1/2"	24" & 30"
6'-4"	5'-8" 11'-4" 7 1/2"	36" & 42"	7'-4"	6'-8" 11'-4" 7 1/2"	48" & 54"
8'-4"	7'-8" 11'-4" 7 1/2"	60" & 66"			



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.

Revised - Feb. 16, 1989

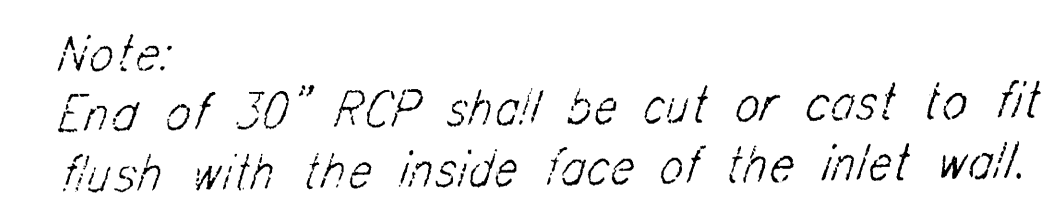
CITY OF WICHITA STANDARD TYPE 1A
Curb Inlet Details
INLET OPENING = 3' X 3'-0"

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-292-7271 • 318 E. 11th St. • WICHITA, KS 67202

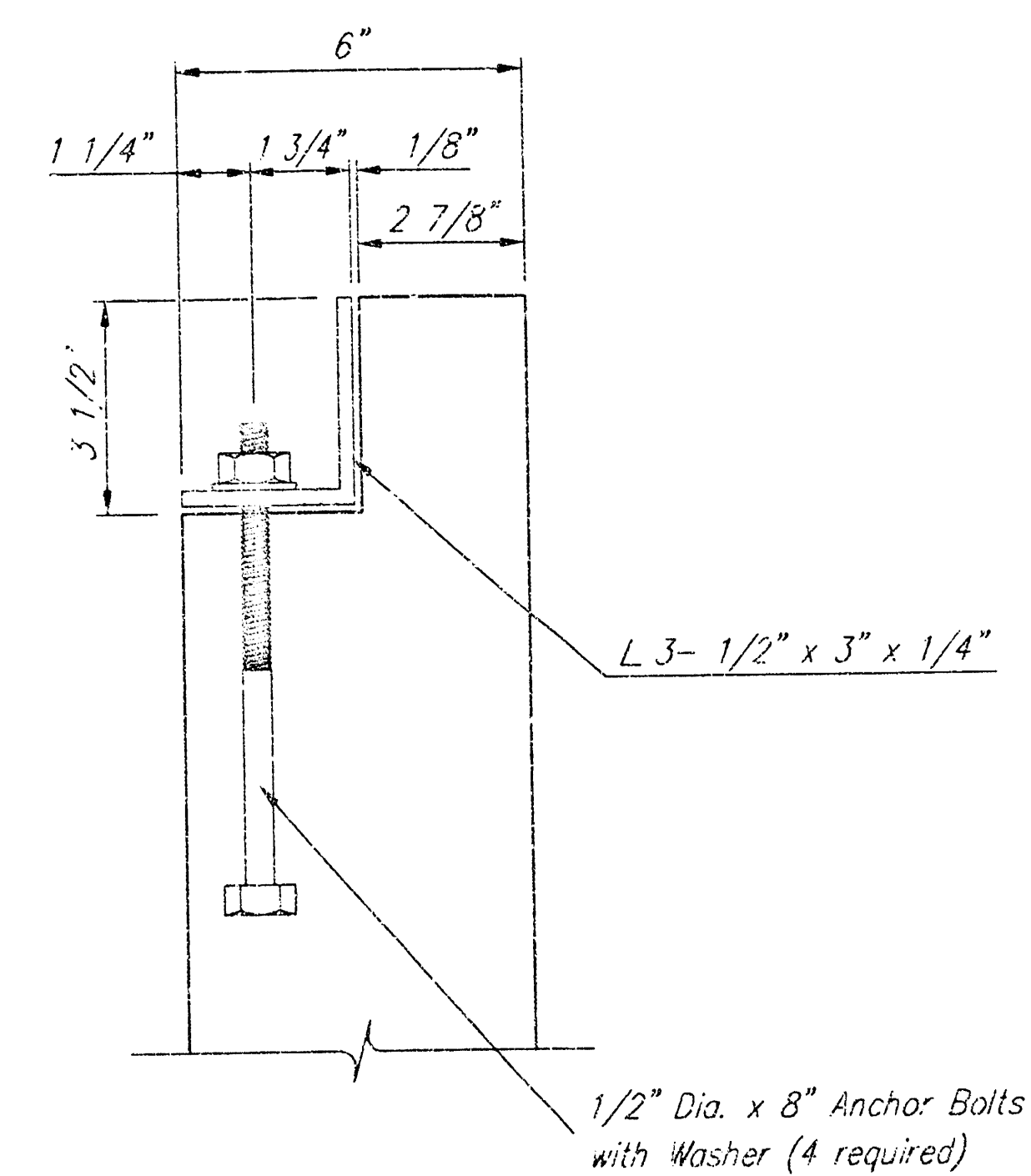
PROJECT NUMBER
893 PPS (607651)

DESIGN: C.O.W. DRAWN: Staff APPROVED: DATE: SCALE: NONE

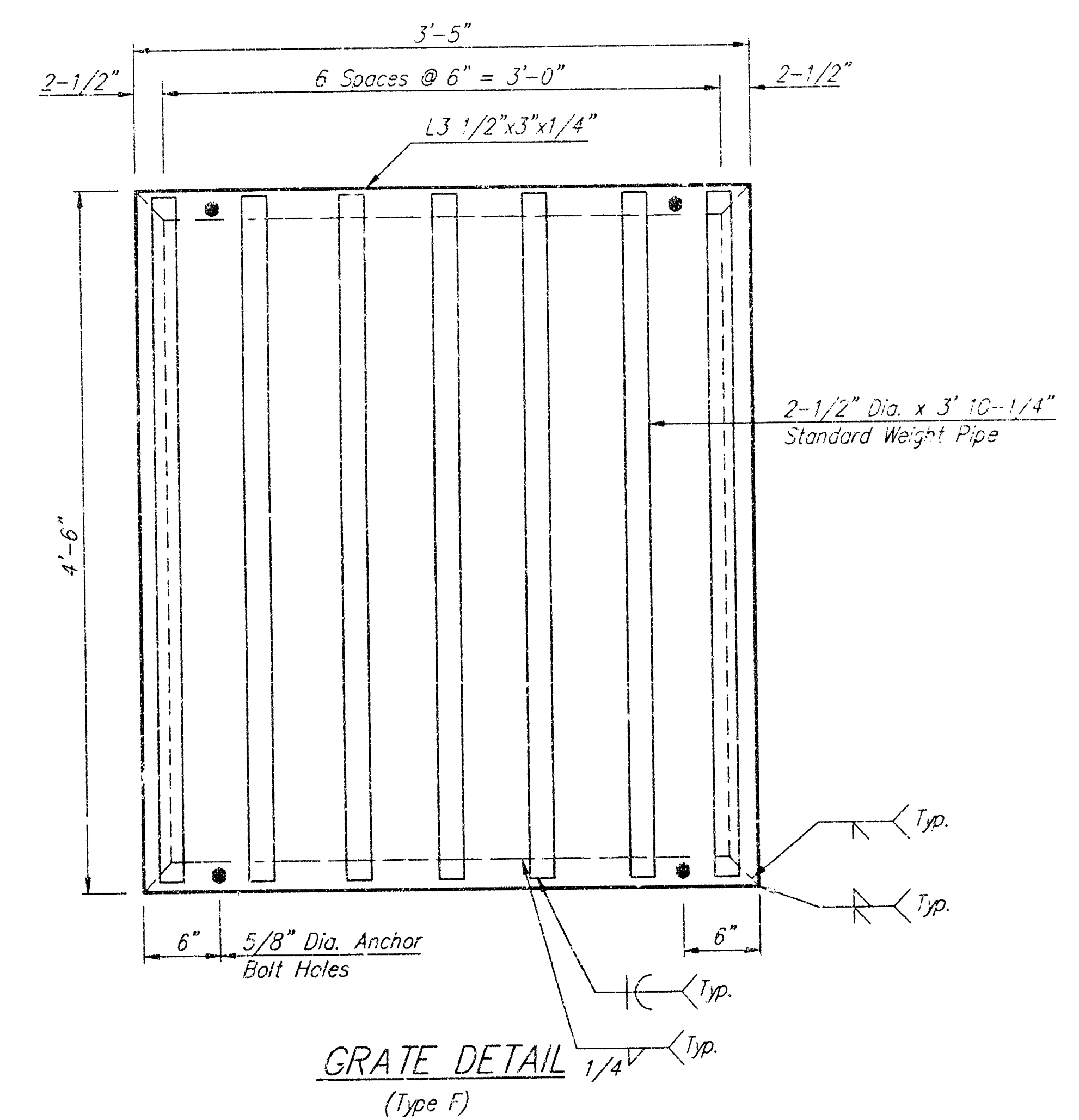
SHEET 10 OF 13



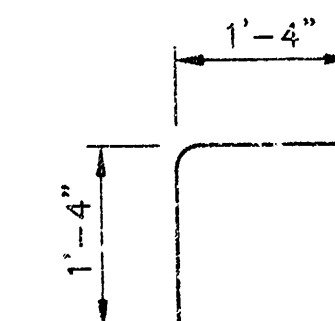
PLAN



SECTION A-A



GRATE DETAIL
(Type F)

H10

General Notes

Class A Concrete shall be used throughout. At the Contractor's option, Class A Concrete (AE) may be used. Bevel all exposed edges with a 3/4" triangular molding or an approved edging tool. Deductions in concrete quantities have been made for pipe openings.

Reinforcing Steel shall be a minimum Grade 60 ASTM A615.

All dimensions relative to placement of reinforcing are to the centerline of bars unless otherwise noted. All Clearances are 1-1/2" unless otherwise noted.

Pipes will enter and leave the inlet at various positions. Field bend or cut reinforcing to clear pipes.

Inlet invert shall be shaped with unreinforced Class A Concrete.

Special Ditch Inlet shall be measured and paid for at the contract unit price bid per each. This shall be considered full compensation for all excavation, backfilling, materials, labor, equipment, tools and incidentals necessary to complete the work.

The grate shall be fabricated from standard or commercial grade structural steel and black steel pipe. The unit shall be hot dipped, galvanized after fabrication, in accordance with ASTM A123 except the weight of coating shall average not less than 2.0 ounces per square foot of actual surface and no individual test shall show less than 1.8 ounces of coating per square foot of actual surface area.

HICKORY CREEK ESTATES - PHASE II SPECIAL DITCH INLET STORM WATER SEWER IMPROVEMENTS			
BAUGHMAN COMPANY P.A. ENGINEERING, SURVEYING, & PLANNING 316-262-2271 • 316 FLUJ • WICHITA, KANSAS 67201			
PROJECT NUMBER 983 FFS (67681)			SHEET 11
DESIGN	DRAWN <i>ONLY</i>	APPROVED	SCALE <i>NONE</i>
			13

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

Accepted for publication 12/1/2012

11. $100 \times 10^3 \text{ kg}$

Wm. H. H. H. H.

2000

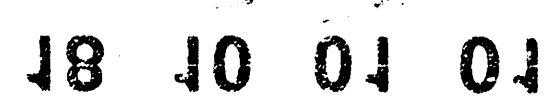
5-17-49 *William A. King*
Young & Company

Commissioner, Woman's Board
 Detail this 64th day of Nov. 2nd 1905
 Wichita-Seward County Newspaper and Planning Commission

William D. Brown, Chairman
Seymour Osborne-Hawes
William D. Brown, Secretary
Marvin S. Kroll

10/21/71
Bob Wright

Wm. D. Burnett
Pat. Burnett



1505138
SUSAN E. COCKRELL-SPOON
Cockrell Community Dev

Pat Ketter Register of Deeds
Pat Ketter

Edmond Deputy
Edmond

60° 44' N 40° 40' E - V.S. 510 48 S;
4700 FT. NORTH OF N 1/4 CORNER
SEC. 17 T2N R.2E S.6E
SE. 1/4 NW. 1/4 S. 6E S. 6E
S. 6E S. 6E S. 6E S. 6E

151.96 (1.7) 242.00'

11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100