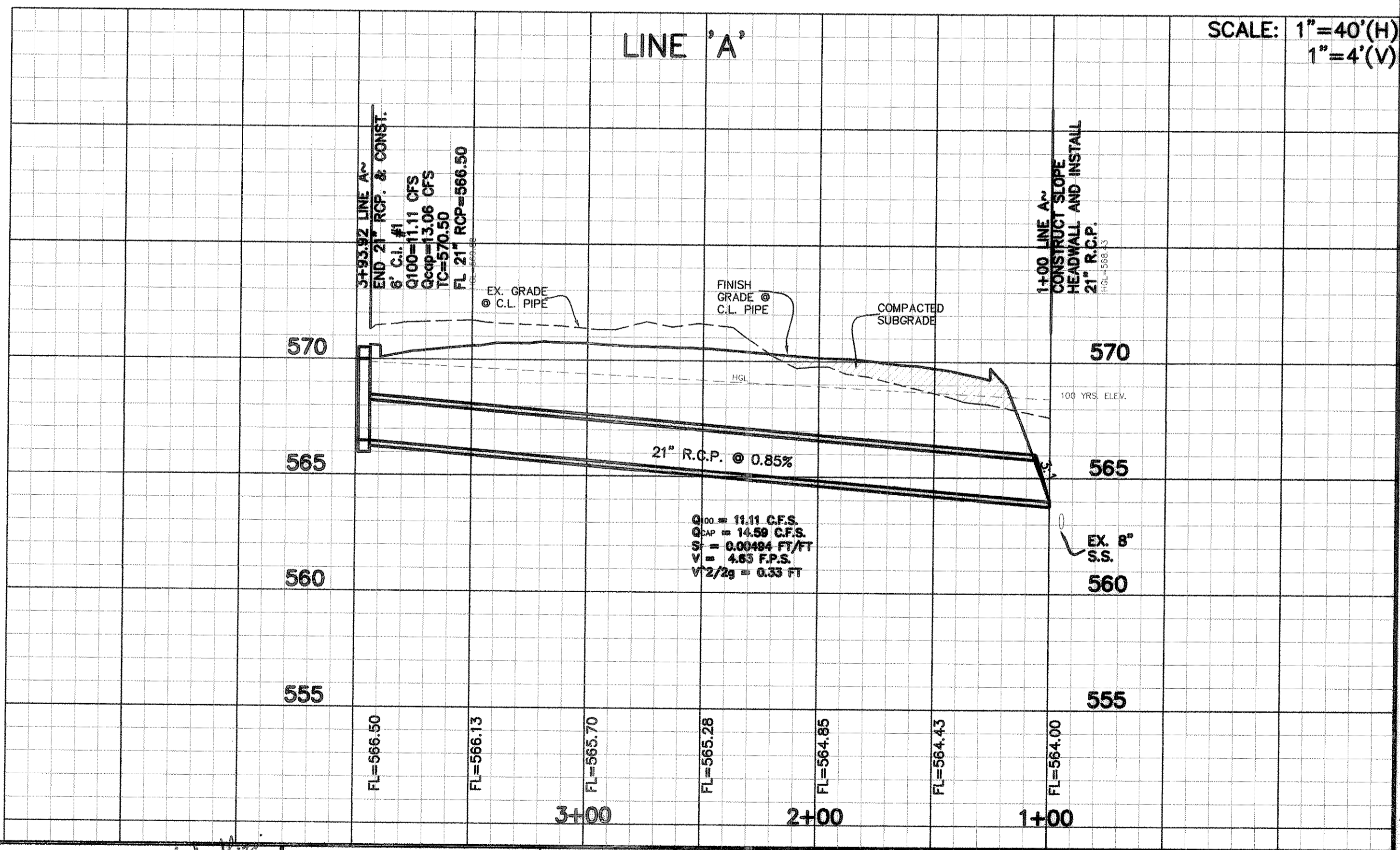


WATER METER SCHEDULE

METER ID NUMBER	WATER METER SIZE	METER DOM.	METER IRR.	SAN. SEWER SIZE
1	2-2"	X		6"
2	2"		X	



Restrictor Calculations

$Q = C A C \sqrt{2gh}$

Q = 7.11 cfs
 C_d = 0.60
 C_f = 1.00
 h = 5.482ft

Solve for A = 0.63 sf
 Restrictor Dia: 0.896"

BENCHMARKS:

B.M. #1
 SQUARE CUT ON TOP OF CURB ON THE SOUTH END OF A 15 FOOT CURB INLET APPROXIMATELY 77 FEET NORTHEAST OF THE SOUTH CORNER OF BLOCK A, LOT 2, NEWMAN CENTER NO. ONE. ELEV. = 565.46

B.M. #2
 SQUARE CUT IN THE CENTER OF A 15 FOOT CURB INLET APPROXIMATELY 59 FEET NORTHWEST OF THE SOUTH CORNER OF BLOCK A, LOT 2, NEWMAN CENTER NO. ONE. ELEV. = 566.95

NO.	REVISIONS DURING CONSTRUCTION	BY	DATE	NO.	REVISIONS DURING PLAN REVIEW	BY	DATE
				4	REVISED PER CITY COMMENTS	MPC	9/06/06
				3	REVISED PER CITY COMMENTS	MPC	8/02/06
				2	REVISED PER CITY COMMENTS	MPC	7/31/06
				1	REVISED PER CITY COMMENTS	MPC	7/10/06

The seal appearing on this document was authorized by Bilal A. Aljazi, P.E. 92792 on 8/02/06. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.

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UTILITY PLAN / STORM SEWER PROFILES
 BLOCK A, LOT 4
 NEWMAN CENTER NO. ONE
 CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

PROJECT NO. QUA003
 SHEET NO. C9

Plotted by: williams Plot Date: 9/24/2007 10:21 AM
 Drawing: H:\Projects\QUA003\dwg\QUA003MS.dwg Saved By: rwygal Save Time: 8/23/2007 5:25 PM