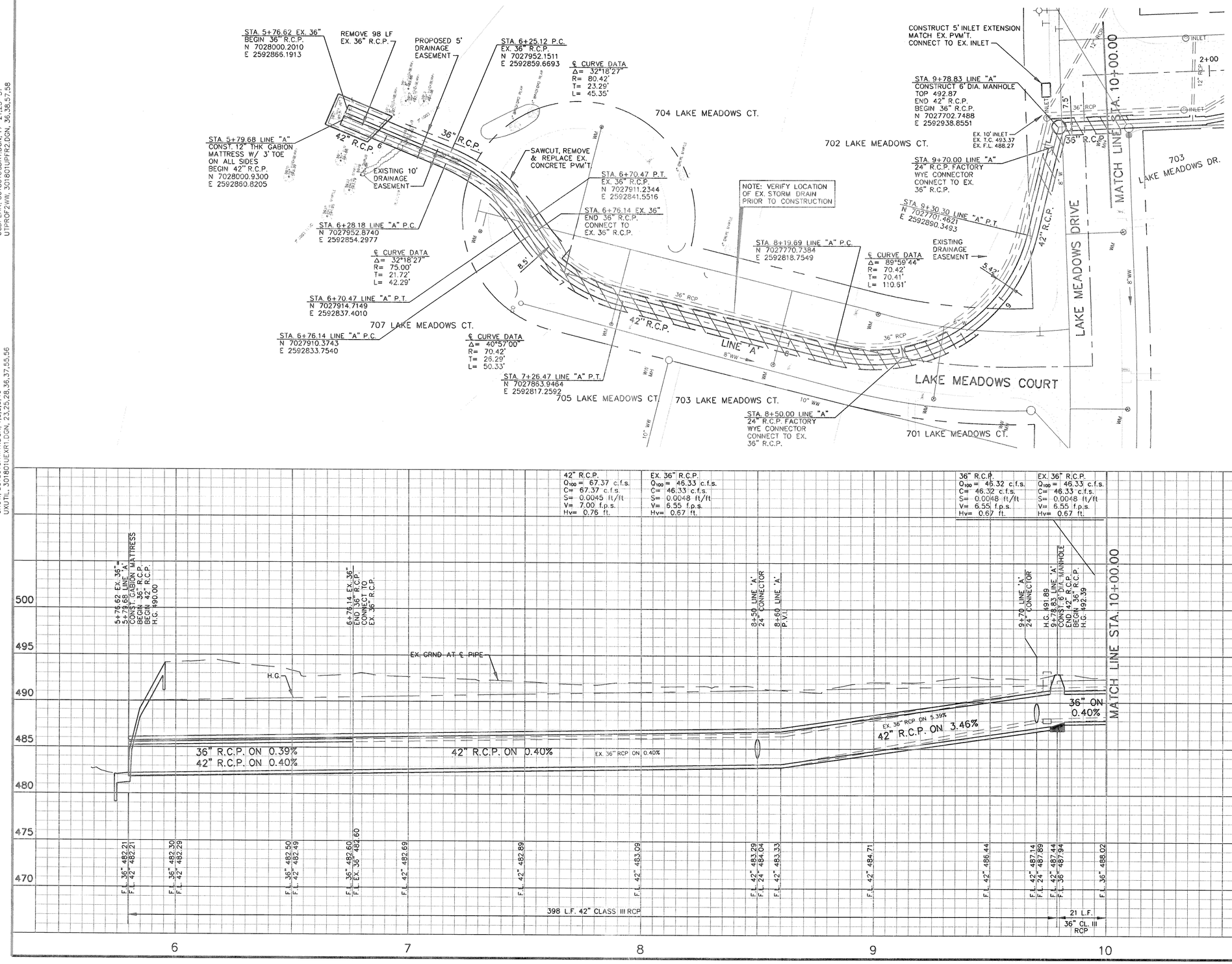

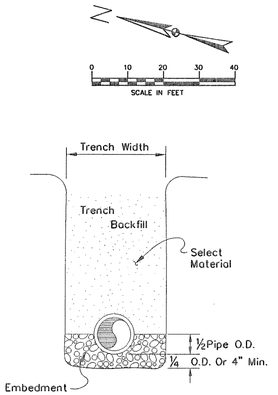

STORMWATER PIPE EMBEDMENT DETAIL

CRUSHED LIMESTONE, TYPE 1, EMBEDMENT:
Crushed limestone shall consist of durable particles of crushed stone ranging in size from ¾" to ¼" with percent of wear not exceeding 35%. The gradation based on ASTM D448 size 67, use as follows:

Sieve Size	% By Weight Passing
1"	100
¾"	90–100
⅜"	20–55
No. 4	0–10
No. 8	0–5

GRAVEL, TYPE 2, EMBEDMENT:
Gravel for embedment and/or encasement shall be washed gravel ranging in size from ¾-inch diameter to ¼-inch diameter meeting the requirements of ASTM Designation C33, Graduation 67. The material shall be free from clay and organic material.

SELECT MATERIAL:
A non-granular soil with sufficient permeability characteristics to allow rapid elimination of seepage water shall be used and shall have a plasticity index of 25 or less.

RECORD DRAWINGS JULY 25, 2003
THIS RECORD DOCUMENT HAS BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE CONSULTANT HAS NOT VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.

BENCHMARKS:

BM #1 "□" CUT ON BACK OF CURB NORTH SIDE OF SHORETRAIL DRIVE APROXIMATELY 150 FT. WEST OF THE INTERSECTION OF SHORETRAIL DR. AND RIDGE VIEW, ALSO AT SOUTH SIDE BASE OF POWER POLE.
ELEVATION = 550.33

BM #2 "□" CUT ON BACK OF CURB ℄ OF A CURB INLET ON SOUTH SIDE OF LAKE MEADOWS DR. BETWEEN LAKE MEADOWS DR. BETWEEN LAKE MEADOWS CT. AND LAKE MEADOW CIRCLE IN FRONT OF HOUSE # 709.
ELEVATION = 484.53

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KENNETH A ROBERTS, P.E. 55446 ON AUGUST 8, 2002

STATE OF TEXAS
KENNETH A. ROBERTS
55446
REGISTERED PROFESSIONAL ENGINEER
8-8-2002

NO.	DATE	REVISIONS	APPROVED

STORMWATER PLAN & PROFILE
LINE "A" STA. 5+79.68 TO 10+00
RIDGE VIEW ADDITION REHAB

HUITT-ZOLLARS
Huitt-Zollars, Inc. Dallas
3131 McKinney Avenue, Suite 600
Dallas, Texas 75204-2489
Phone (214) 871-3311 Fax (214) 871-0757

CITY OF ROCKWALL, TEXAS

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	KAR	H: 1"=20' V: 1"=5'	AUGUST 2002	01-301B-01	ST-3

h: \proj\01301801\dgn\301801USD01.DGN

BORDER, 301801GBDR1.DGN, 1-4,7,11,12,21,30,31,37,40,41,45-48,50
VFIELD, 301801VFTR1.DGN, 14,20,24,26,28,42,43,56,57
CHALIGN, 301801CHAR1.DGN, 1-3
CSTPLAN, 301801CSTR1.DGN, 28,31,35,40,41,46,57
CROW, 301801CRWR1.DGN, 1,3,5,6,40
UKUTIL, 301801UEXR1.DGN, 23,25,28,36,37,55,56

UWTPLAN, 301801UWTR1.DGN, 17,18,20,21,48-54
USSPLAN, 301801USSR1.DGN, 17,18,20,21,35-38,40,41
CVALIGN, 301801CVAR1.DGN, 1,2,23,27,28
UTPROF2STM, 301801UPFR2.DGN, 2,3,11,17,19,23,27,28,36,38-40,46,47,57,58
USDPLAN, 301801USDR1.DGN, 17-21,23-31
UTPROF2WW, 301801UPFR2.DGN, 36,38,57,58

theressa
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PRF ROTATION=-15.000000
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