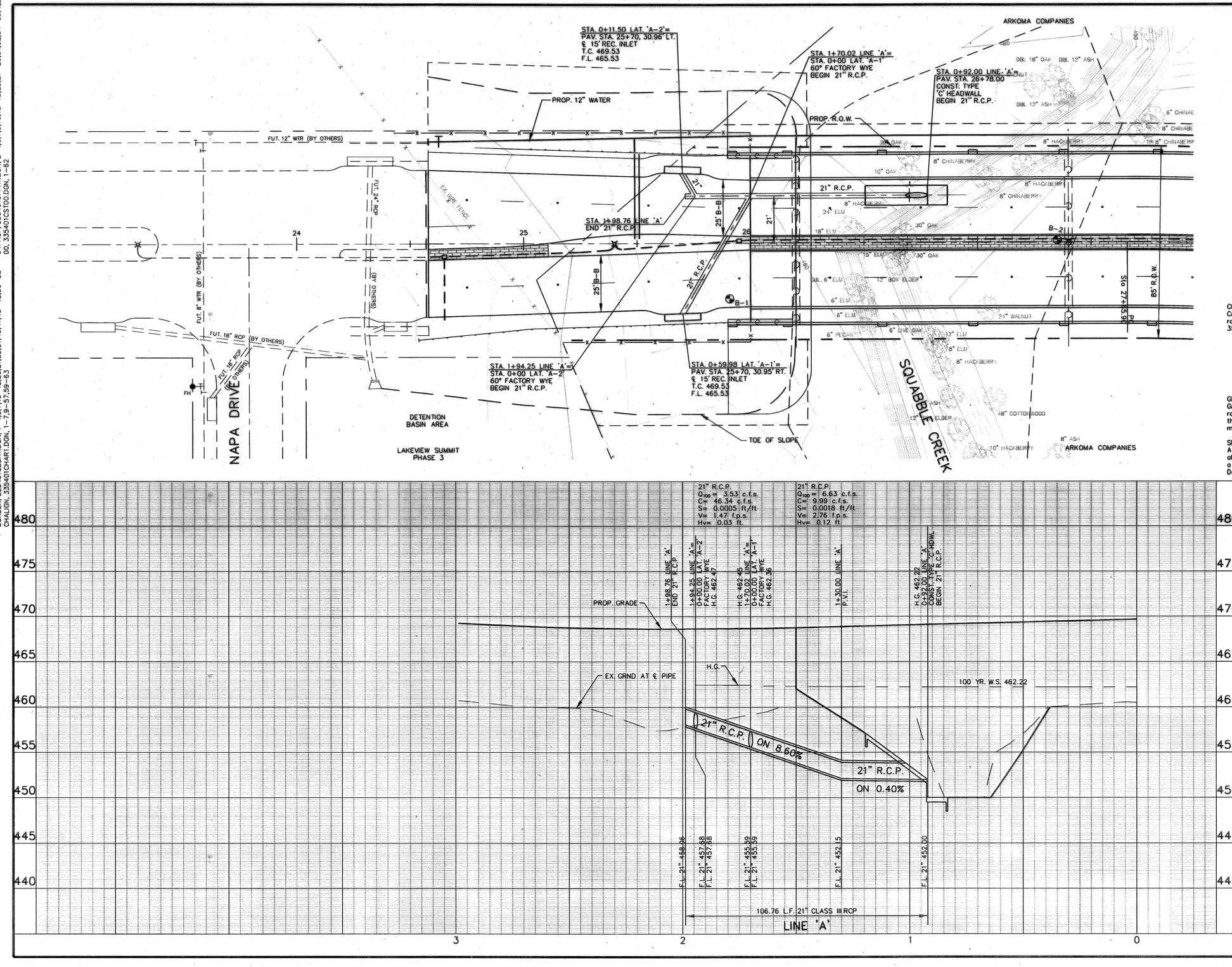

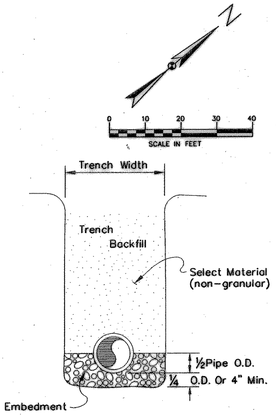

STORMWATER PIPE EMBEDMENT DETAIL

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. Compact to 95% Standard Proctor Density.

RECORD DRAWINGS JANUARY 12, 2006
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 – ⅝" IRON ROD W/ HUITT-ZOLLARS CAP ON THE SOUTH MEDIAN NOSE OF NORTH LAKESHORE DRIVE AT PETALUMA DRIVE.
ELEVATION = 543.36

BM#2 – "X" CUT ON THE WEST MEDIAN NOSE OF QUAIL RUN APPROXIMATELY 470 FEET EAST OF THE CENTERLINE OF STATE HIGHWAY 205.
ELEVATION = 500.04

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY KENNETH A ROBERTS, P.E. 55446 ON AUGUST 31, 2004

STATE OF TEXAS
KENNETH A. ROBERTS
55446
LICENSED
PROFESSIONAL ENGINEER
8/31/2004

NO.	DATE	REVISIONS	APPROVED

STORMWATER PLAN & PROFILE
LINE 'A'

NORTH LAKESHORE DRIVE

NAPA DRIVE TO S.H. 205

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 2004	01-3354-01	ST-3

CVALIGN1, 335401CVAR1.DGN, 1,3,5–16,23–34,41–63
TBRIDGE, 335401TBPR1.DGN, 2–63
GRAD, RECGRADING.DGN, 1–40,42–63
SSTRPOP0, 335401SSTR1.DGN, 63
SSTRPOP2, 335401SSTR1.DGN, 2–4,6,7,9,10,12–15,23,27–29,31,32,34–39,42,4
00, 335401CST00.DGN, 1–62

CVALIGN1, 335401CRWR1.DGN, 1–47,49–63
VFIELD, 335401VFTR1.DGN, 1–3,5–9,11–35,37–41,44,45,48,50–57,60–62
SURV, 335403.DGN, 1–63
CSTPLAN, 335401CSTR1.DGN, 1–29,31–62
CSTPLAN, 335401CSTR1.DGN, 1–4,6,7,16–18,20,21,30,31,40,41,45–48,50–52
CROW, 335401CRWR1.DGN, 1–47,49–63
CHALIGN, 335401CHAR1.DGN, 1–7,9–57,59–63

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PRF ROTATION=40.000000
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DATE:1/10/2006
TIME: 08:50:57

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