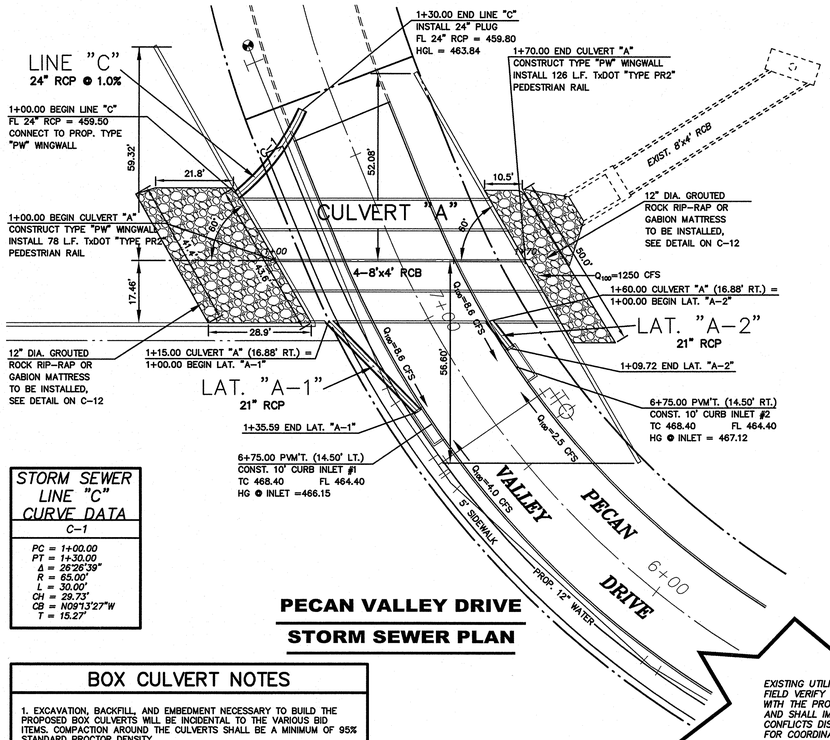
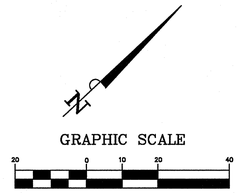
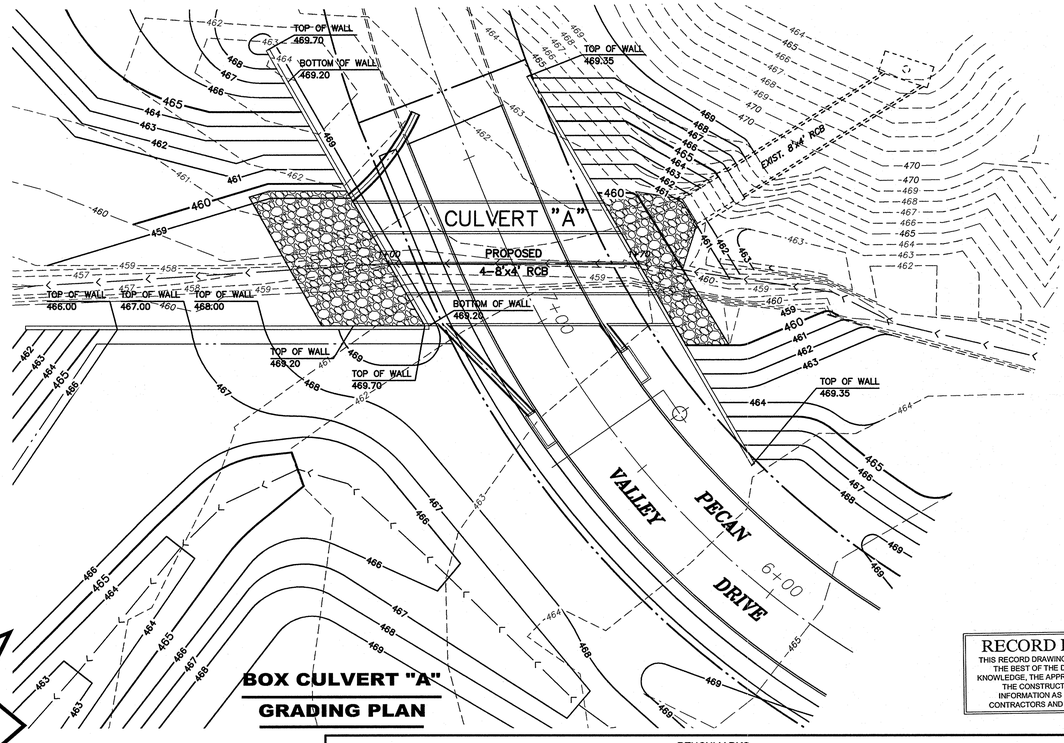






STOP!
CALL BEFORE YOU DIG
TEXAS ONE CALL SYSTEM
1-800-245-4545
(@ least 48 hours prior to digging)

STORM SEWER LINE "C" CURVE DATA
C-1
PC = 1+00.00
PT = 1+30.00
Δ = 26°26'39"
R = 65.00'
L = 30.00'
CH = 29.73'
CB = N09°13'27"W
T = 15.27'

PECAN VALLEY DRIVE
STORM SEWER PLAN

BOX CULVERT "A"
GRADING PLAN

BOX CULVERT NOTES

1. EXCAVATION, BACKFILL, AND EMBEDMENT NECESSARY TO BUILD THE PROPOSED BOX CULVERTS WILL BE INCIDENTAL TO THE VARIOUS BID ITEMS. COMPACTION AROUND THE CULVERTS SHALL BE A MINIMUM OF 95% STANDARD PROCTOR DENSITY.

2. EMBEDMENT FOR ALL BOX CULVERTS SHALL CONSIST OF 6" CRUSHED ROCK BELOW THE CULVERT AND COMPACTED GRANULAR MATERIAL AROUND AND TO A POINT 6" ABOVE THE CULVERT.

!!WARNING!!

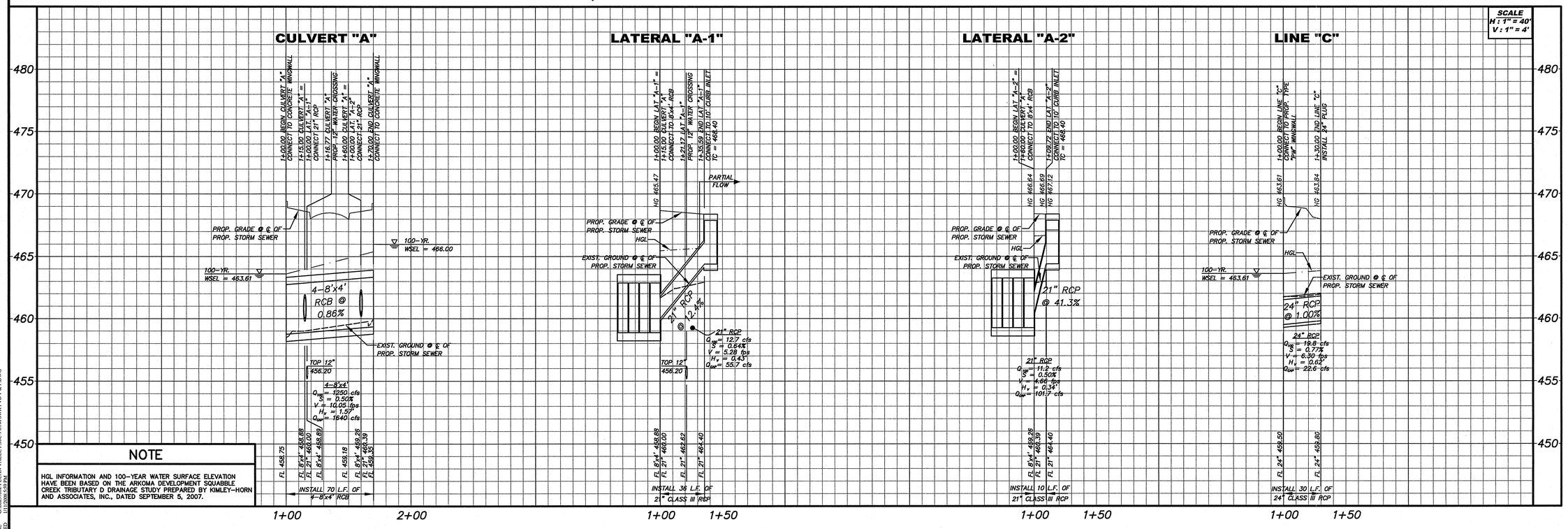
EXISTING UTILITIES IN THE AREA. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES WITH THE PROVIDER PRIOR TO START OF CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED. CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WHERE NECESSARY AND PROTECTING EXISTING UTILITIES (SHOWN OR NOT SHOWN). IF ANY EXISTING UTILITIES ARE DAMAGED, THE CONTRACTOR SHALL REPLACE THEM AT THEIR OWN EXPENSE.

BENCHMARKS

1. *X-CUT IN CONCRETE LOCATED ON THE TOP OF CURB AT THE MID POINT OF A CURVE RETURN ON THE NORTH SIDE OF N. LAKESHORE DRIVE AT THE INTERSECTION WITH S.H. 205, 5' SOUTHEAST OF A POWER POLE. ELEVATION: 477.90'*
2. *ALUMINUM CAP FOUND IN CONCRETE LABELED, "FLOODWAY BOUNDARY" LOCATED ON THE SOUTHEAST SIDE OF N. LAKESHORE DRIVE, 72' SOUTHWEST FROM A PEDESTRIAN COLUMN ON SOUTHEAST END OF A BRIDGE, 23' EAST OF BACK OF CURB. ELEVATION: 470.06'*
3. *X-CUT IN CONCRETE LOCATED AT THE INTERSECTION OF THE EAST R.O.W. LINE OF RANDOM OAKS DRIVE AND THE NORTH R.O.W. LINE OF QUAIL RUN ROAD, 53' NORTHEAST OF A POWER POLE ON THE SOUTH SIDE OF QUAIL RUN ROAD. ELEVATION: 471.31'*

RECORD DRAWING
THIS RECORD DRAWING HEREIN REFLECTS TO THE BEST OF THE DESIGN ENGINEER'S KNOWLEDGE, THE APPROXIMATE LOCATION OF THE CONSTRUCTED WORK, USING INFORMATION AS PROVIDED BY THE CONTRACTORS AND SURVEYED GRADES.

SCALE
H : 1" = 40'
V : 1" = 4'



NOTE

HGL INFORMATION AND 100-YEAR WATER SURFACE ELEVATION HAVE BEEN BASED ON THE ARKOMA DEVELOPMENT SQUABBLE CREEK TRIBUTARY D DRAINAGE STUDY PREPARED BY KIMLEY-HORN AND ASSOCIATES, INC., DATED SEPTEMBER 5, 2007.

No.	Revisions	Date	App.

Kimley-Horn and Associates, Inc.
Tel. No. (972) 335-3580
Fax No. (972) 335-3779
5750 Genesis Court, Suite 200
Frisco, Texas 75034

STATE OF TEXAS
PIETER D. KESSELS
87775
LICENSED PROFESSIONAL ENGINEER
02-27-2008

Pecan Valley Drive and Quail Run Road
City of Rockwall, Texas

PECAN VALLEY DRIVE STORM SEWER PLAN AND PROFILE

Scale: AS NOTED
Designed by: T.B.B.
Drawn by: J.J.D./B.B.P.
Checked by: P.D.K.
Date: Feb. 27, 2008
Project No. 068237002

SHEET
C-11
OF 47

IMAGES
XREFS
PLOTTED BY
DWG NAME
LAST SAVED
XREF X-Sht&-PVD - XREF XBOW-PVD - XREF XTopo-PVD - XREF XAx-Built-PVD - XREF XEx-Utility-PVD - XREF XEx-SimSew-PVD - XREF XRoad-PVD - XREF XSimSew-PVD - XREF XGrading-PVD - XREF XSimSew-Profiles-PVD - XREF X-Grid-PVD
DONALDSON, JUSTIN 2/22/2008 5:04 PM
O:\0682\37\DWG\PECAN VALLEY\STORM SEWER PVD\P & PLDWG
11/7/2008 4:59 PM