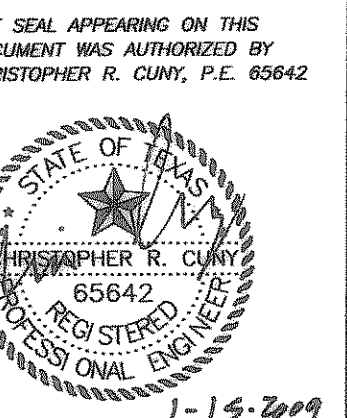


Revision	Date	Description
1	6/26/09	Stem Sewer Plan

Owner: **Whittle Development Co.**
 PO Box 369 • Rockwall, Texas • 75087
 Phone: 972-771-5253

ALLIANCE ADDITION

F.C. CUNY CORPORATION
 #2 Horizon Court • Ste. 500 • Heath, Texas 75062
 Phone: 469-402-7700
 Fax: 469-402-0700

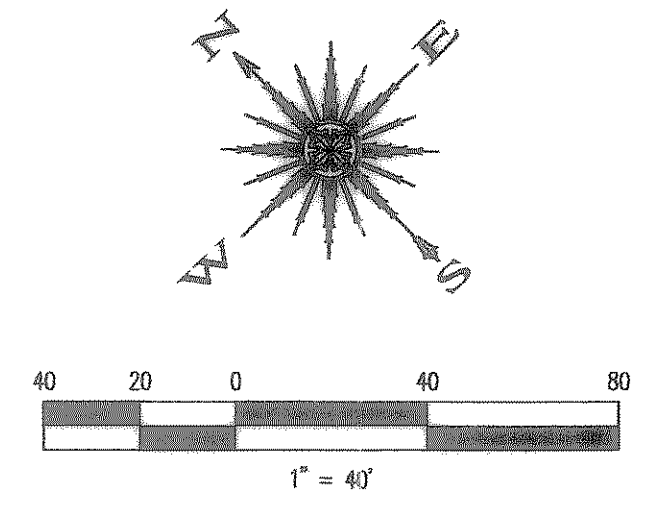


Drawn By: F.C. CUNY
 Checked By: F.C. CUNY
 Date: 1-09
 Project No: 07-003
 Sheet Title: Storm Sewer Plan

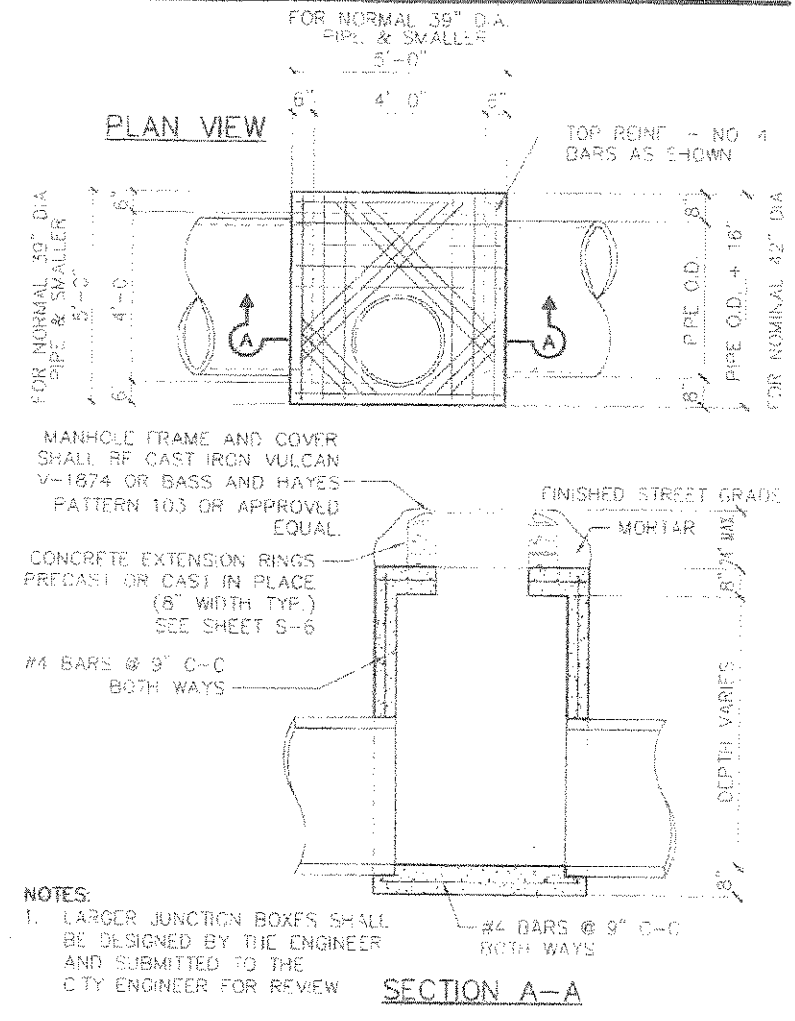
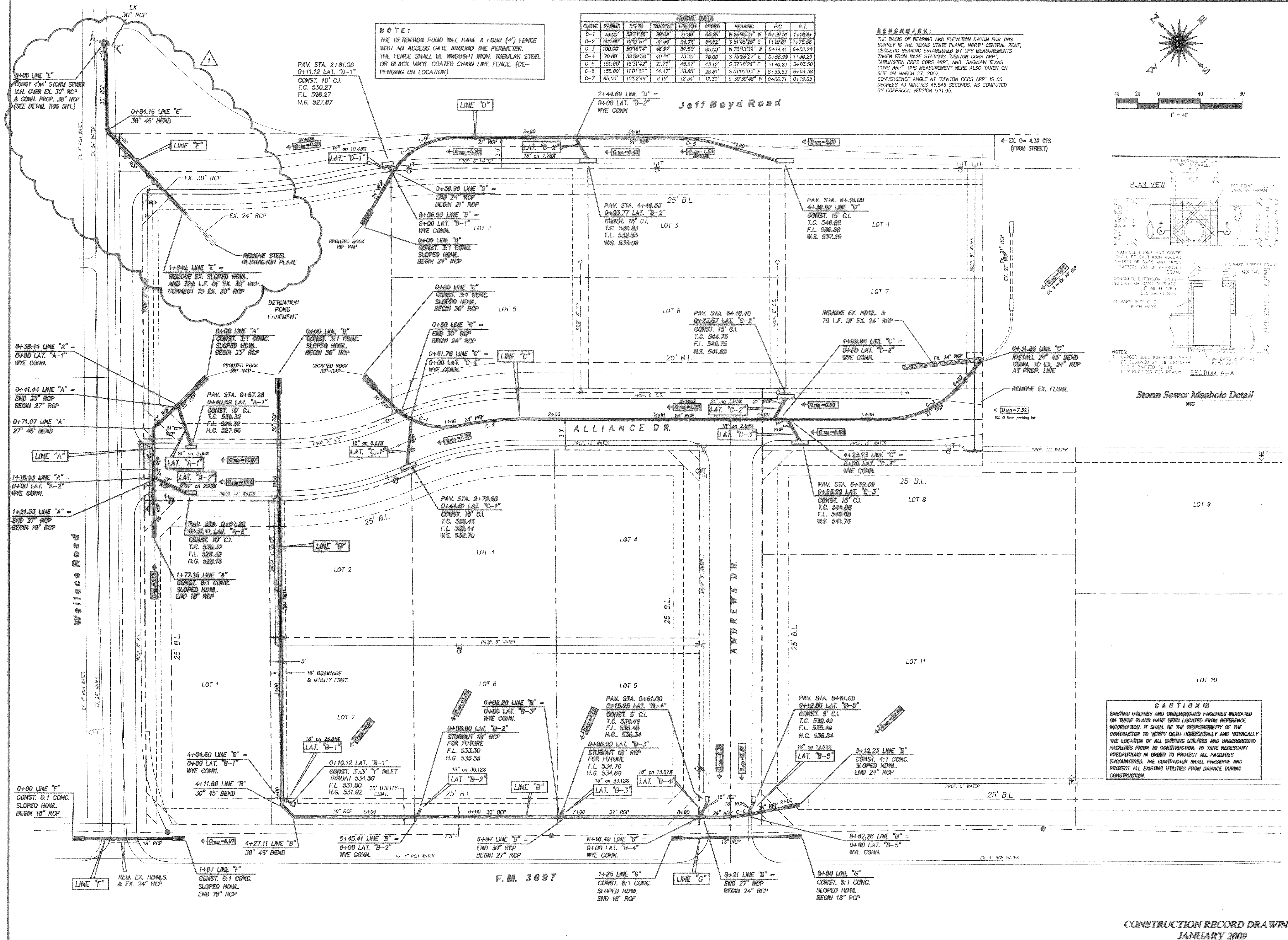
Scale: 1" = 40'
 Sheet No: 10 of 15

CURVE DATA							
CURVE	RADIUS	DELTA	TANGENT	LENGTH	CHORD	BEARING	P.C. P.T.
C-1	70.00'	58°27'38"	39.09'	71.30'	68.26'	N 28°45'31" W	0+239.51 1+10.81
C-2	300.00'	12°21'57"	32.50'	84.75'	84.62'	S 91°45'20" E	1+10.81 1+75.36
C-3	100.00'	50°19'14"	48.97'	87.83'	70.00'	S 73°39'27" E	0+58.99 1+30.29
C-4	70.00'	59°58'59"	40.41'	73.30'	70.00'	S 73°39'27" E	0+58.99 1+30.29
C-5	150.00'	16°31'42"	21.79'	43.27'	43.12'	S 57°18'26" E	3+40.23 3+83.50
C-6	180.00'	11°01'22"	14.47'	28.85'	28.81'	S 51°05'03" E	8+35.53 8+64.38
C-7	65.00'	10°52'46"	6.19'	12.34'	12.32'	S 39°39'48" W	0+06.71 0+19.05

BENCHMARK:
 THE BASIS OF BEARING AND ELEVATION DATUM FOR THIS SURVEY IS THE TEXAS STATE PLANE, NORTH CENTRAL ZONE, GEODETIC BEARING ESTABLISHED BY GPS MEASUREMENTS TAKEN FROM BASE STATIONS "DENTON CORS ARP", "ARLINGTON RRP2 CORS ARP", AND "SAGINAW TEXAS CORS ARP". GPS MEASUREMENTS WERE ALSO TAKEN ON SITE ON MARCH 27, 2007. CONVERGENCE ANGLE AT "DENTON CORS ARP" IS 00 DEGREES 43 MINUTES 45.545 SECONDS, AS COMPUTED BY CORPSON VERSION 5.11.05.



NOTE:
 THE DETENTION POND WILL HAVE A FOUR (4') FENCE WITH AN ACCESS GATE AROUND THE PERIMETER. THE FENCE SHALL BE BROUGHT IRON, TUBULAR STEEL OR BLACK VINYL COATED CHAIN LINK FENCE. (DEPENDENT ON LOCATION)



Storm Sewer Manhole Detail
 NTS

CAUTION!!!
 EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION, TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

Z:\Projects\5-Residential\Whittle-Horizon\fcc design\hor-storma.dwg Mon Jan 12 11:20:23 2009