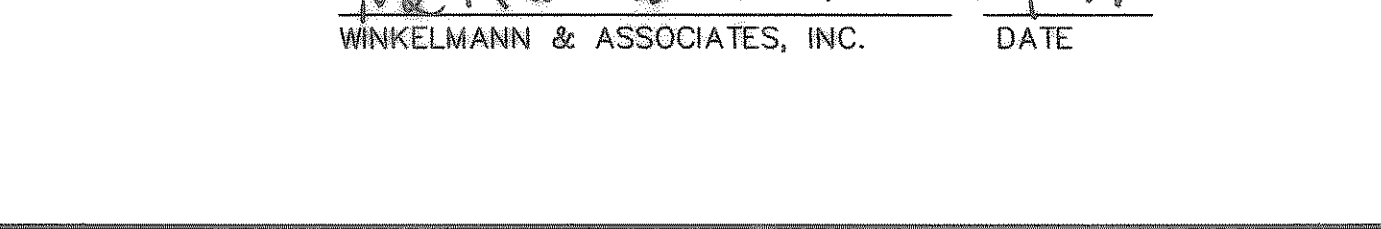
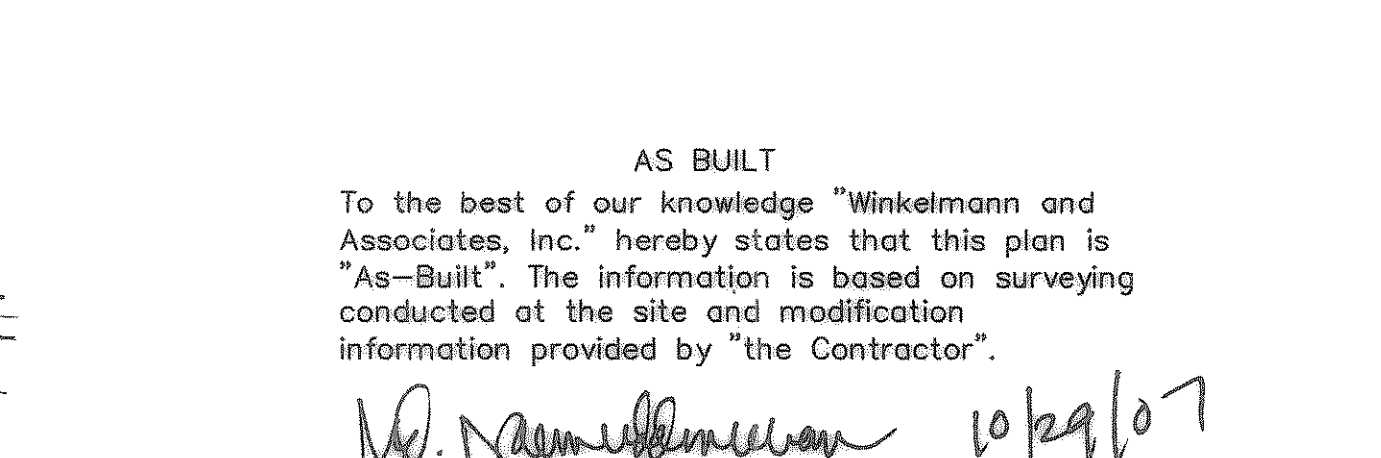
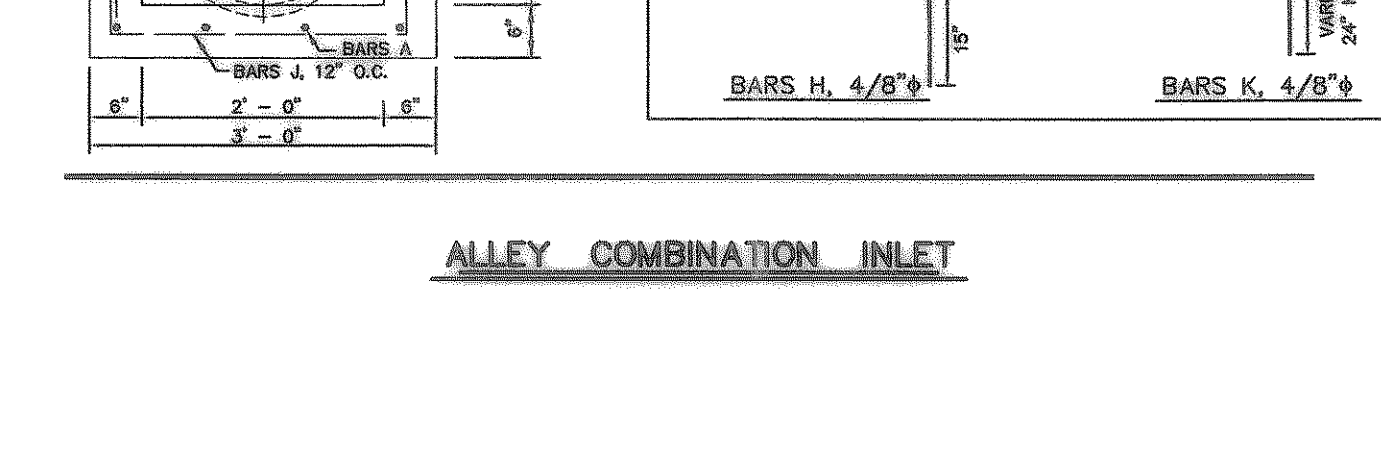
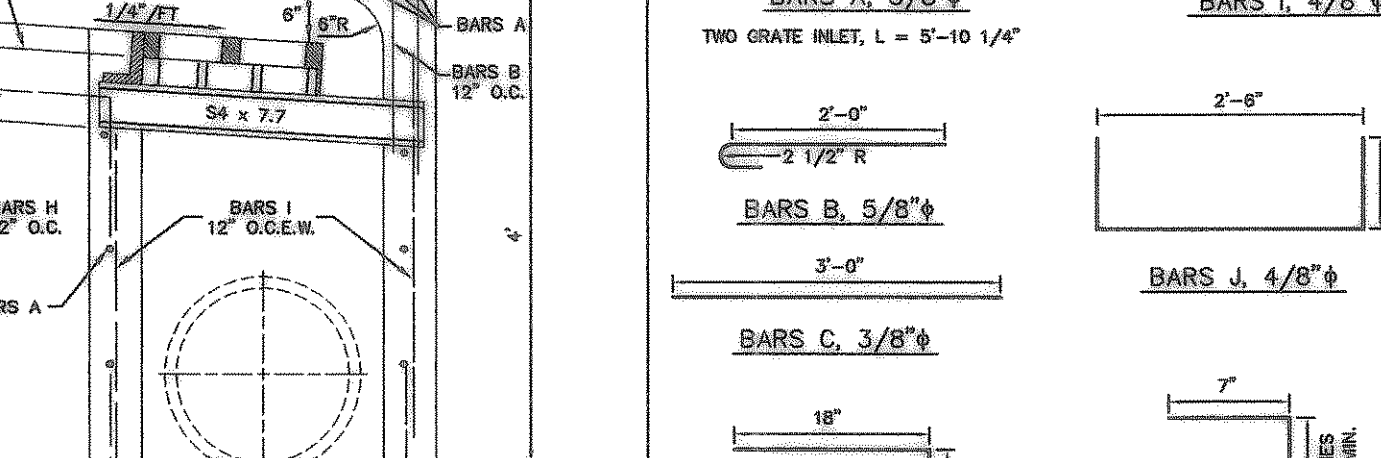
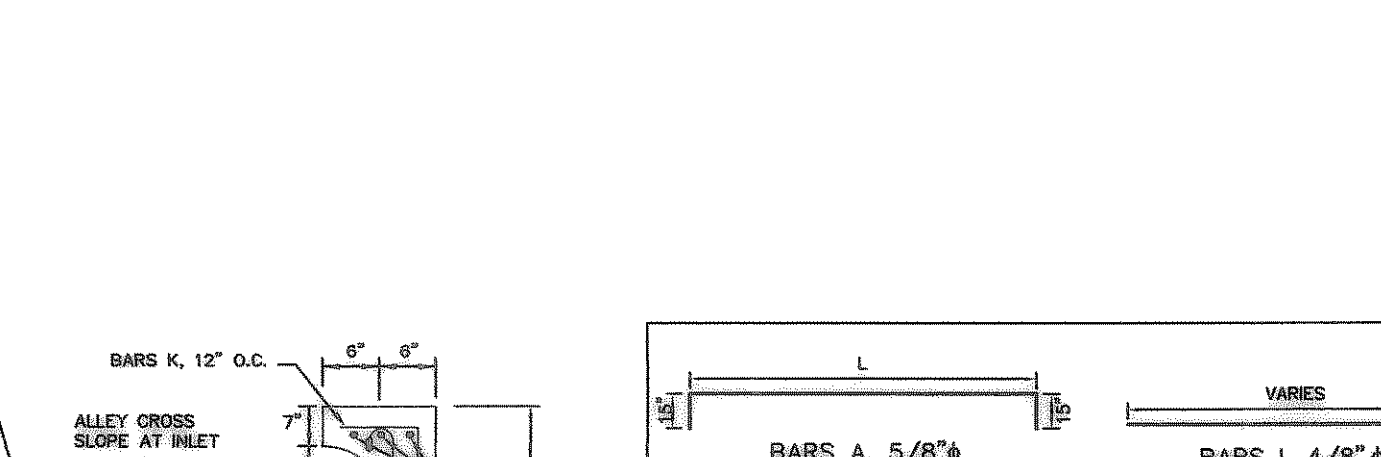
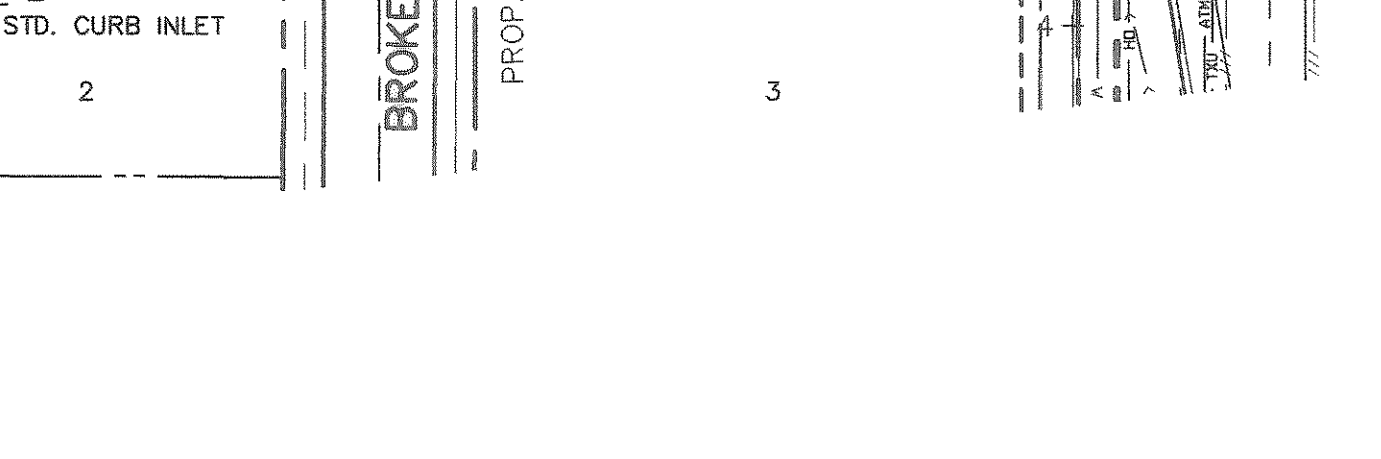
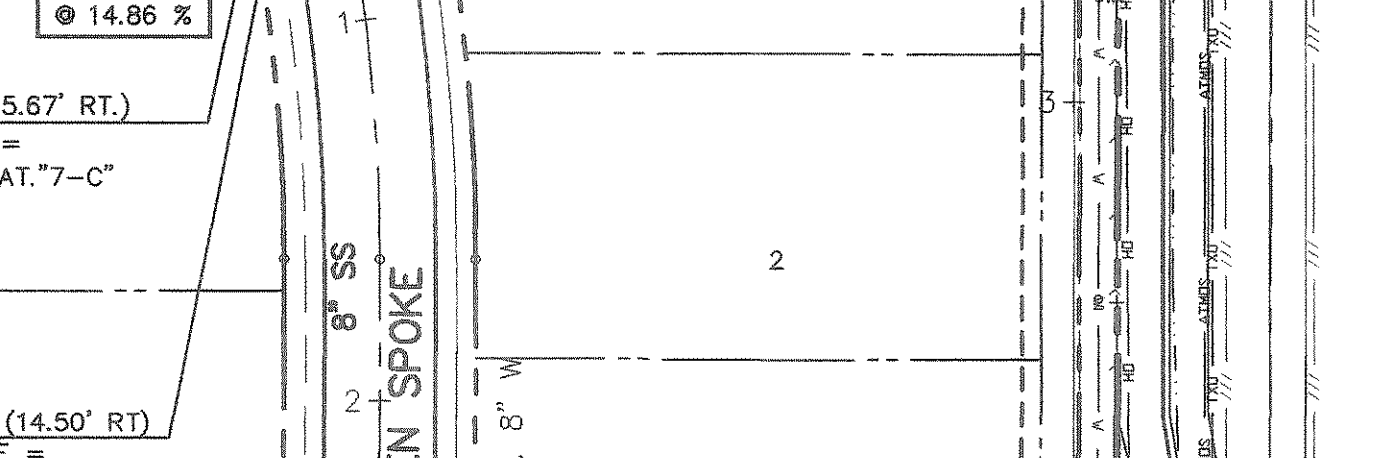
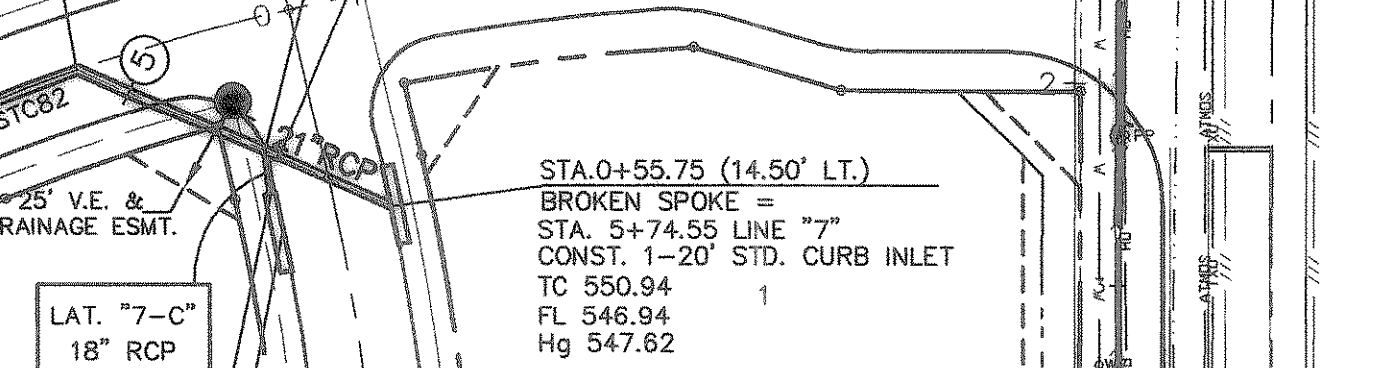
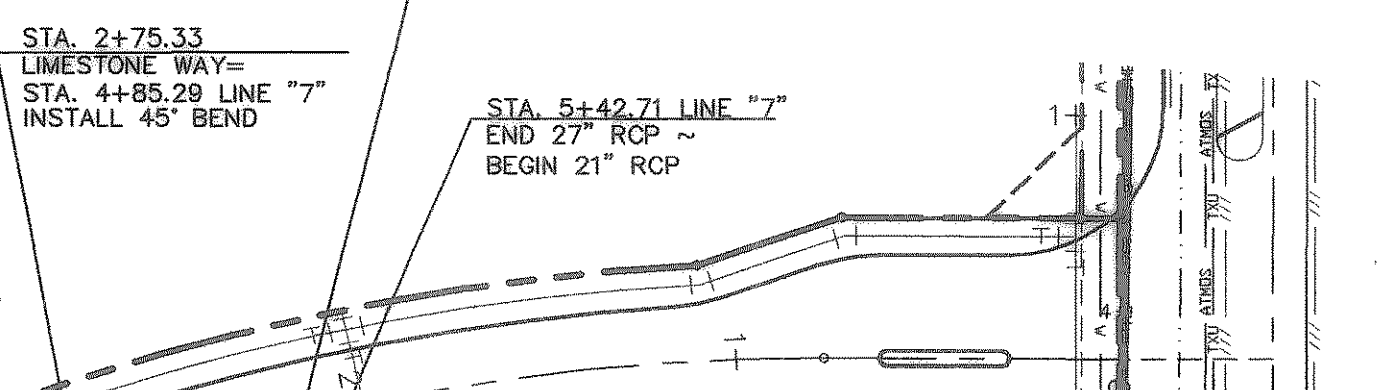


CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	BEARING
ST080	163.96	445.00	21°06'37"	82.92	163.03	N78°56'58"E
ST081	190.08	500.00	21°46'54"	96.20	188.94	N10°42'53"W
ST082	29.84	577.91	2°57'29"	14.92	29.83	S69°49'08"W
ST085	43.82	65.00	38°37'22"	22.78	42.99	S30°28'23"E
ST086	61.82	80.00	44°16'30"	32.55	60.29	N46°16'23"E
ST087	21.87	80.00	15°39'58"	11.01	21.81	S60°34'40"W
ST088	50.26	65.00	44°16'16"	26.46	49.02	S22°38'51"E

STATION	DESCRIPTION	REMARKS
STA. 8+60.82	LINE "1"	INSTALL 45° WYE
STA. 0+00	LAT. "1-D"	
STA. 9+17.31	PANHANDLE DRIVE	CONST. 1-10' STD. CURB INLET
STA. 9+01.48	LINE "1"	
STA. 0+00	LAT. "1-E"	
STA. 9+35.51	PANHANDLE DRIVE	CONST. 1-10' STD. CURB INLET
STA. 9+28.72	LINE "1-E"	
STA. 0+00	LAT. "1-A"	
STA. 9+51.32	CHUCK WAGON	CONST. 1-10' STD. CURB INLET
STA. 1+00	LINE "8"	
STA. 0+00	LAT. "1-C"	
STA. 9+31.85	CHUCK WAGON	CONST. 1-10' STD. CURB INLET
STA. 2+07.76	LINE "1"	
STA. 9+14.84	LINE "5"	
STA. 3+62.76	LINE "1"	
STA. 1+00	LINE "7"	
STA. 2+46.25	LINE "5"	
STA. 1+00	LINE "7"	
STA. 6+27.54	LIMESTONE WAY	CONST. 1-5 STD. CURB INLET
STA. 1+33.08	LINE "7"	
STA. 1+42.69	LINE "7"	
STA. 0+00	LAT. "7-A"	
STA. 6+01.59	LINE "7"	
STA. 1+50.74	LINE "7"	
STA. 0+00	LAT. "7-B"	
STA. 2+75.33	LIMESTONE WAY	CONST. 1-5 STD. CURB INLET
STA. 4+85.29	LINE "7"	
STA. 5+42.71	LINE "7"	
STA. 0+00	LAT. "7-C"	
STA. 9+35.72	LIMESTONE WAY	CONST. 1-5 STD. CURB INLET
STA. 0+24.84	LAT. "1-D"	
STA. 3+54.95	ALLEY "4"	
STA. 1+07.79	LAT. "1-C"	
STA. 3+69.00	ALLEY "4"	
STA. 7+53.38	LINE "1"	
STA. 0+00	LAT. "1-B"	
STA. 3+10.00	ALLEY "4"	
STA. 0+08.06	LAT. "1-B"	
STA. 3+26.67	ALLEY "4"	
STA. 5+89.42	LINE "1"	
STA. 0+07.51	LAT. "1-A"	
STA. 6+63.74	LINE "1"	
STA. 1+00	LINE "6"	
STA. 9+90.09	LINE "6"	
STA. 2+00.42	LINE "6"	
STA. 9+75.24	LINE "5"	
STA. 2+44.23	LINE "5"	
STA. 2+50.25	LINE "5"	
STA. 0+00	LAT. "5-A"	
STA. 5+69.35	LINE "5"	
STA. 0+21.87	LAT. "5-A"	
STA. 1+15	STD. CURB INLET	
STA. 5+69.35	LINE "5"	
STA. 0+16.74	LAT. "5-B"	
STA. 1-15	STD. CURB INLET	
STA. 3+13.77	LINE "5"	
STA. 0+00	LAT. "5-B"	
STA. 10+62.84	LIMESTONE WAY	CONST. 1-15 STD. CURB INLET
STA. 1+98.79	LAT. "6-A"	
STA. 4+75.13	ALLEY "5"	
STA. 2+35.26	LAT. "6-A"	
STA. 1-15	STD. CURB INLET	
STA. 19+77.10	LINE "6"	
STA. 0+22.27	LAT. "6-B"	
CONN. TO INLET		
STA. 19+66.44	LINE "6"	
CONST. 1-20 STD. CURB INLET		
STA. 3+00.68	LINE "5"	
END 21' RCP		
STA. 5+01.69	CHUCK WAGON	CONST. 1-15 STD. CURB INLET
PC STA. 3+89.81	LINE "5"	
STA. 19+70.59	LINE "6"	
CONST. 1-20 STD. CURB INLET		
STA. 3+00.68	LINE "5"	
END 21' RCP		
STA. 3+17.77	LINE "5"	
END 24' RCP		
STA. 8+95.91	LINE "5"	
STA. 0+00	LAT. "5-C"	
INSTALL 60° WYE		
STA. 10+84.52	LINE "5"	
TRAIL DRIVE		
STA. 9+27.49	LINE "5"	
CONST. 1-20 STD. CURB INLET		
STA. 10+84.52	LINE "5"	
TRAIL DRIVE		
STA. 9+27.49	LINE "5"	
CONST. 1-20 STD. CURB INLET		



Winkelmann & Associates, Inc.
CONSULTING CIVIL ENGINEERS & SURVEYORS
6750 HILLCREST BLVD. SUITE 100
DALLAS, TEXAS 75230
(972) 495-7999 FAX

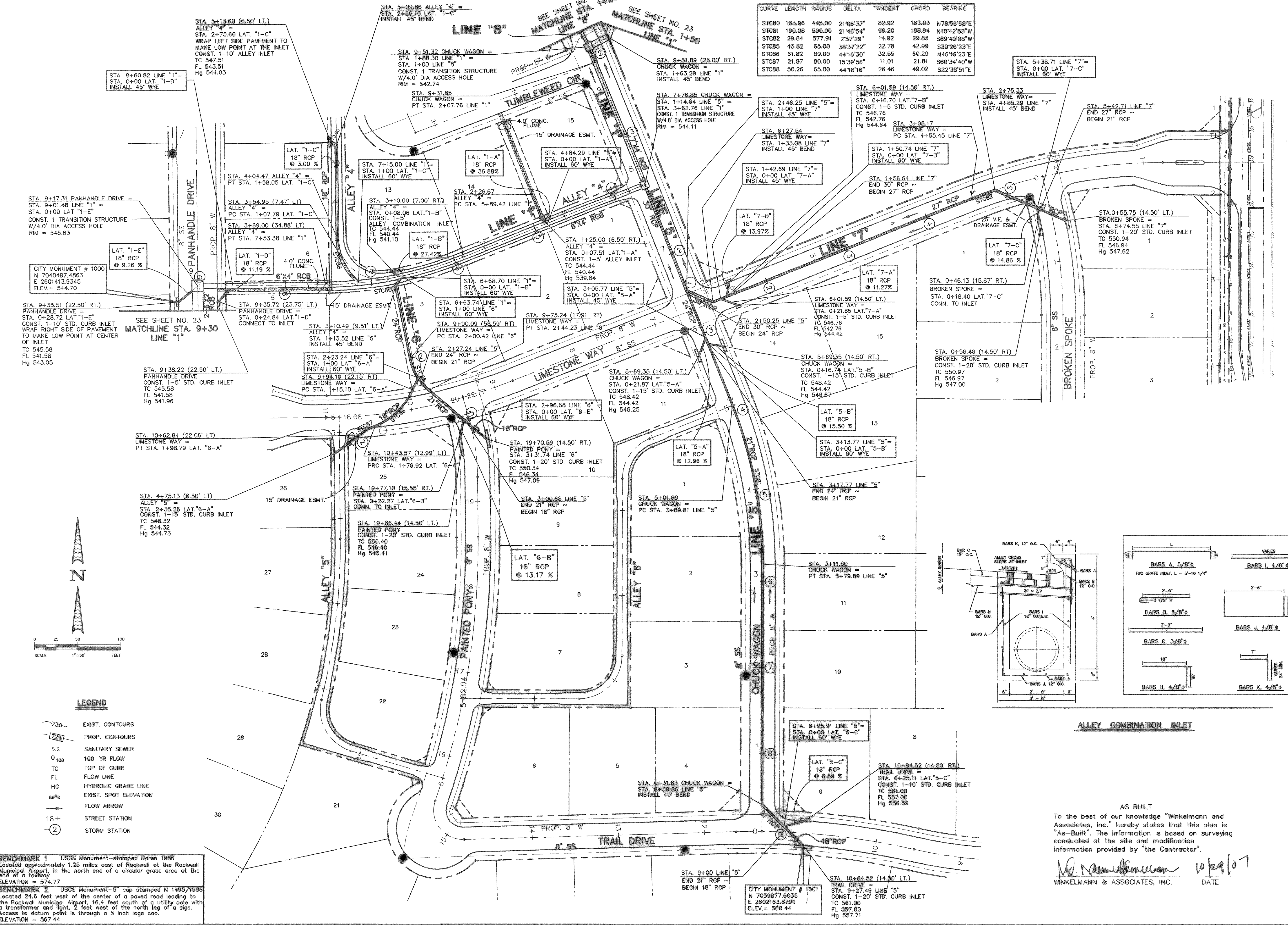
THESE CONSTRUCTION PLANS WERE PREPARED UNDER THE RESPONSIBLE SUPERVISION OF MD. NAIM UDDIN KHAN, REGISTERED PROFESSIONAL ENGINEER NO. 97776.
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MD. NAIM UDDIN KHAN, P.E. #97776

JOHN M. GLASS SURVEY ABSTRACT No. 88
CITY OF ROCKWALL
ROCKWALL COUNTY, TEXAS
D R HORTON
4306 MILLER ROAD, SUITE A
MILLETT, TEXAS 75068
214-607-4244

Scale: 1"=50' Date: 09/08/06
Designed By: RS
Drawn By: RS
Checked By: NK
File: 40709STW.DWG View: STI
Project No.: 40709.00

AS BUILT
To the best of our knowledge "Winkelmann and Associates, Inc." hereby states that this plan is "As-Built". The information is based on surveying conducted at the site and modification information provided by "the Contractor".
W. Naim Uddin Khan 10/29/07
WINKELMANN & ASSOCIATES, INC. DATE

SHEET 22 OF 45



STORM SEWER CURVE TABLE

STATION 10+62.84 (22.06' LT.)
LIMESTONE WAY =
PT STA. 1+98.79 LAT. "6-A"

STATION 9+35.51 (22.50' RT.)
PANHANDLE DRIVE =
CONST. 1-10' STD. CURB INLET
WRAP RIGHT SIDE OF PAVEMENT
TO MAKE LOW POINT AT CENTER
OF INLET
TC 545.58
FL 541.58
Hg 543.05

STATION 9+35.72 (23.75' LT.)
PANHANDLE DRIVE =
CONST. 1-5 STD. CURB INLET
TC 545.58
FL 541.58
Hg 541.96

STATION 4+75.13 (6.50' LT.)
ALLEY "5" =
CONST. 1-15 STD. CURB INLET
TC 548.32
FL 544.32
Hg 544.73

STATION 19+77.10 (15.55' RT.)
PAINTED PONY =
CONST. 1-20 STD. CURB INLET
CONN. TO INLET
TC 550.40
FL 546.40
Hg 545.41

STATION 19+66.44 (14.50' LT.)
PAINTED PONY =
CONST. 1-20 STD. CURB INLET
CONN. TO INLET
TC 550.40
FL 546.40
Hg 545.41

STATION 3+00.68 (LINE "5")
END 21' RCP

STATION 5+01.69 (CHUCK WAGON)
CONST. 1-15 STD. CURB INLET
PC STA. 3+89.81 (LINE "5")

STATION 10+84.52 (LINE "5")
TRAIL DRIVE =
CONST. 1-20 STD. CURB INLET
TC 561.00
FL 557.00
Hg 556.59

STATION 8+60.82 (LINE "1")
INSTALL 45° WYE

STATION 9+17.31 (PANHANDLE DRIVE)
CONST. 1-10' STD. CURB INLET
WRAP LEFT SIDE OF PAVEMENT
TO MAKE LOW POINT AT THE INLET
CONST. 1-10' ALLEY INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 9+01.48 (LINE "1")
CONST. 1-10' STD. CURB INLET
WRAP RIGHT SIDE OF PAVEMENT
TO MAKE LOW POINT AT CENTER
OF INLET
TC 545.58
FL 541.58
Hg 543.05

STATION 9+35.51 (PANHANDLE DRIVE)
CONST. 1-10' STD. CURB INLET
WRAP RIGHT SIDE OF PAVEMENT
TO MAKE LOW POINT AT CENTER
OF INLET
TC 545.58
FL 541.58
Hg 543.05

STATION 9+35.72 (PANHANDLE DRIVE)
CONST. 1-5 STD. CURB INLET
TC 545.58
FL 541.58
Hg 541.96

STATION 4+75.13 (ALLEY "5")
CONST. 1-15 STD. CURB INLET
TC 548.32
FL 544.32
Hg 544.73

STATION 19+77.10 (PAINTED PONY)
CONST. 1-20 STD. CURB INLET
CONN. TO INLET
TC 550.40
FL 546.40
Hg 545.41

STATION 19+66.44 (PAINTED PONY)
CONST. 1-20 STD. CURB INLET
CONN. TO INLET
TC 550.40
FL 546.40
Hg 545.41

STATION 3+00.68 (LINE "5")
END 21' RCP

STATION 5+01.69 (CHUCK WAGON)
CONST. 1-15 STD. CURB INLET
PC STA. 3+89.81 (LINE "5")

STATION 9+51.32 (CHUCK WAGON)
CONST. 1-10' STD. CURB INLET
WRAP LEFT SIDE OF PAVEMENT
TO MAKE LOW POINT AT THE INLET
CONST. 1-10' ALLEY INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 9+31.85 (CHUCK WAGON)
CONST. 1-10' STD. CURB INLET
PT STA. 2+07.76 (LINE "1")

STATION 9+14.84 (LINE "5")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 3+62.76 (LINE "1")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 2+46.25 (LINE "5")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 1+42.69 (LINE "7")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 6+01.59 (LINE "7")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 1+50.74 (LINE "7")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 2+75.33 (LINE "7")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 5+42.71 (LINE "7")
CONST. 1-5 STD. CURB INLET
TC 546.76
FL 544.76
Hg 544.84

STATION 9+35.72 (LIMESTONE WAY)
CONST. 1-5 STD. CURB INLET
TC 545.58
FL 541.58
Hg 541.96

STATION 0+24.84 (LAT. "1-D")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 3+54.95 (ALLEY "4")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 1+07.79 (LAT. "1-C")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 3+69.00 (ALLEY "4")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 7+53.38 (LINE "1")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 0+00 (LAT. "1-B")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 3+10.00 (ALLEY "4")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 0+08.06 (LAT. "1-B")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 3+26.67 (ALLEY "4")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 5+89.42 (LINE "1")
CONST. 1-10' STD. CURB INLET
TC 547.51
FL 543.51
Hg 544.03

STATION 0+07.51 (LAT. "1-A")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 6+63.74 (LINE "1")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 1+00 (LINE "6")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 9+90.09 (LINE "6")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 2+00.42 (LINE "6")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 9+75.24 (LINE "5")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 2+44.23 (LINE "5")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 2+50.25 (LINE "5")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 0+00 (LAT. "5-A")
CONST. 1-5 ALLEY INLET
TC 544.44
FL 540.44
Hg 539.84

STATION 5+69.35 (LINE "5")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 0+21.87 (LAT. "5-A")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 1+15 (STD. CURB INLET)
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 5+69.35 (LINE "5")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 0+16.74 (LAT. "5-B")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 1-15 (STD. CURB INLET)
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 3+13.77 (LINE "5")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 0+00 (LAT. "5-B")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 3+17.77 (LINE "5")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 8+95.91 (LINE "5")
CONST. 1-15 STD. CURB INLET
TC 548.42
FL 544.42
Hg 546.25

STATION 10+84.52 (LINE "5")
TRAIL DRIVE =
CONST. 1-20 STD. CURB INLET
TC 561.00
FL 557.00
Hg 556.59

STATION 9+27.49 (LINE "5")
CONST. 1-20 STD. CURB INLET
TC 561.00
FL 557.00
Hg 556.59

STATION 10+84.52 (LINE "5")
TRAIL DRIVE =
CONST. 1-20 STD. CURB INLET
TC 561.00
FL 557.00
Hg 556.59

STATION 9+27.49 (LINE "5")
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