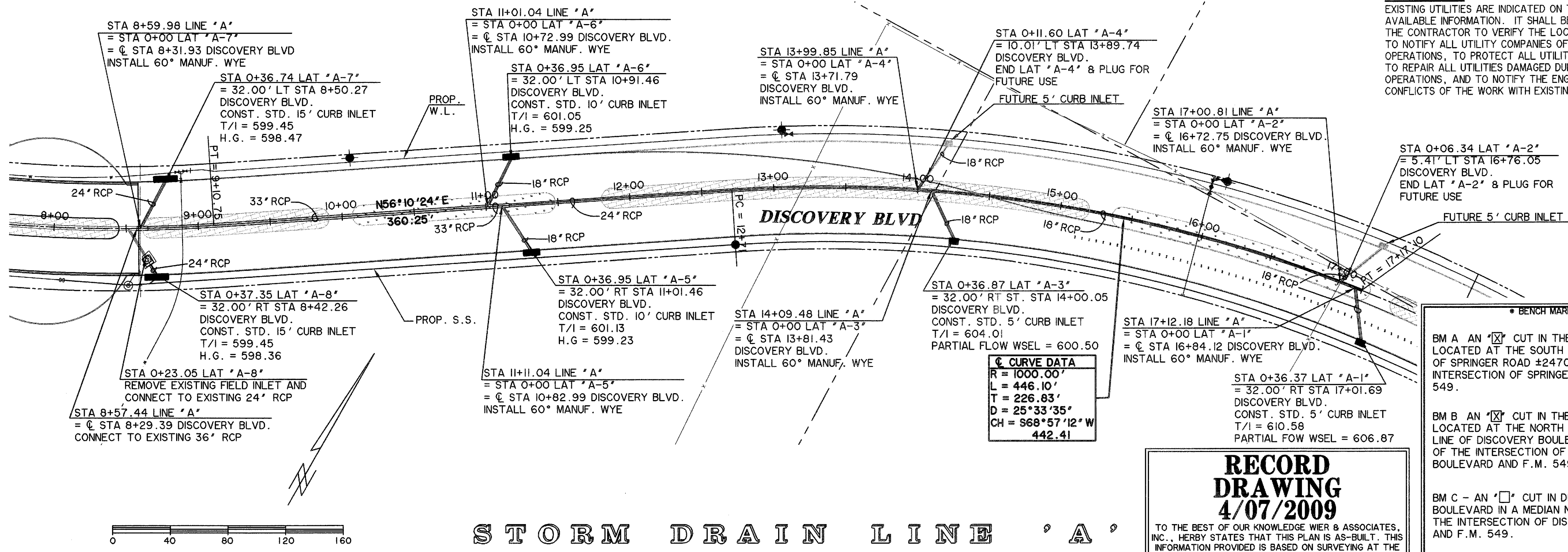


TIME: 8:39 FILE: D301-SD-LN-A-98041-04.dwg



CAUTION !!
 EXISTING UTILITIES ARE INDICATED ON THE PLANS FROM AVAILABLE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES, TO NOTIFY ALL UTILITY COMPANIES OF THE CONTRACTOR'S OPERATIONS, TO PROTECT ALL UTILITIES FROM DAMAGE, TO REPAIR ALL UTILITIES DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND TO NOTIFY THE ENGINEER PROMPTLY OF ALL CONFLICTS OF THE WORK WITH EXISTING UTILITIES.

Curve Data

R	= 1000.00'
L	= 446.10'
T	= 226.83'
D	= 25°33'35"
CH	= 368°57'12" W
	442.41

RECORD DRAWING
4/07/2009
 TO THE BEST OF OUR KNOWLEDGE WIER & ASSOCIATES, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT. THIS INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

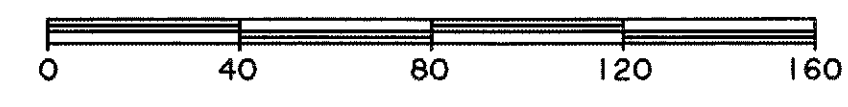
*** BENCH MARKS ***

BM A - AN 'X' CUT IN THE BACK OF CURB LOCATED AT THE SOUTH RIGHT-OF-WAY LINE OF SPRINGER ROAD ±2470' EAST OF THE INTERSECTION OF SPRINGER ROAD AND F.M. 549. 598.80 FT.

BM B - AN 'X' CUT IN THE BACK OF CURB LOCATED AT THE NORTH RIGHT-OF-WAY LINE OF DISCOVERY BOULEVARD ±580' EAST OF THE INTERSECTION OF DISCOVERY BOULEVARD AND F.M. 549. 599.82 FT.

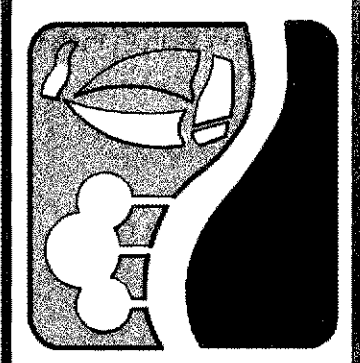
BM C - AN '□' CUT IN DISCOVERY BOULEVARD IN A MEDIAN NOSE ±60' WEST OF THE INTERSECTION OF DISCOVERY BOULEVARD AND F.M. 549. 598.20 FT.

STORM DRAIN LINE 'A'



PROP. FL OF PIPE	STATION	PIPE SIZE	GRADE	Q ₁₀₀	S _f	V	V ² /2g	Q _{cap}	H.G.	VERT. CURVE DATA	PROFILE SCALE
PROP. FL OF PIPE	8+00	36" RCP	0.44%	25.9 cfs	0.15%	3.7 fps	0.21'	44.37 cfs	598.05		HORIZ. 1" = 40' VERT. 1" = 4'
EXISTING	8+57.44	36" RCP	0.52%						598.26		
PROP. FL OF PIPE	9+00	33" RCP	0.30%	20.9 cfs	0.16%	3.5 fps	0.19'	29.12 cfs	598.27		
PROP. FL OF PIPE	9+59.98	33" RCP	0.30%						598.39		
PROP. FL OF PIPE	10+00	24" RCP	0.12%	10.7 cfs	0.22%	3.4 fps	0.18'	12.42 cfs	598.80		
PROP. FL OF PIPE	10+36.95	24" RCP	0.12%						598.94		
PROP. FL OF PIPE	11+00	18" RCP	0.25%	7.7 cfs	0.12%	2.5 fps	0.11'	25.35 cfs	599.24		
PROP. FL OF PIPE	11+01.04	18" RCP	0.25%						599.32		
PROP. FL OF PIPE	12+00	18" RCP	0.25%	10.7 cfs	0.22%	3.4 fps	0.18'	12.42 cfs	601.11		
PROP. FL OF PIPE	12+36.95	18" RCP	0.25%						601.24		
PROP. FL OF PIPE	13+00	18" RCP	0.25%	7.7 cfs	0.12%	2.5 fps	0.11'	25.35 cfs	601.11		
PROP. FL OF PIPE	13+99.85	18" RCP	0.25%						601.24		
PROP. FL OF PIPE	14+00	18" RCP	0.25%	4.9 cfs	0.05%	1.5 fps	0.03'	25.35 cfs	601.11		
PROP. FL OF PIPE	14+09.48	18" RCP	0.25%						601.33		
PROP. FL OF PIPE	15+00	18" RCP	0.25%	4.9 cfs	0.05%	1.5 fps	0.03'	25.35 cfs	601.11		
PROP. FL OF PIPE	15+09.60	18" RCP	0.25%						601.25		
PROP. FL OF PIPE	16+00	18" RCP	0.25%	4.9 cfs	0.05%	1.5 fps	0.03'	25.35 cfs	601.11		
PROP. FL OF PIPE	16+06.34	18" RCP	0.25%						601.25		
PROP. FL OF PIPE	17+00	18" RCP	0.25%	4.9 cfs	0.05%	1.5 fps	0.03'	25.35 cfs	601.11		
PROP. FL OF PIPE	17+00.81	18" RCP	0.25%						601.33		
PROP. FL OF PIPE	18+00	18" RCP	0.25%	4.9 cfs	0.05%	1.5 fps	0.03'	25.35 cfs	601.11		
PROP. FL OF PIPE	18+06.34	18" RCP	0.25%						601.25		

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ROCKWALL TECHNOLOGY PARK PHASE III

STORM DRAIN PLAN AND PROFILE LINE 'A'

STATE OF TEXAS
 RONALD RAMIREZ
 81821
 REGISTERED PROFESSIONAL ENGINEER
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