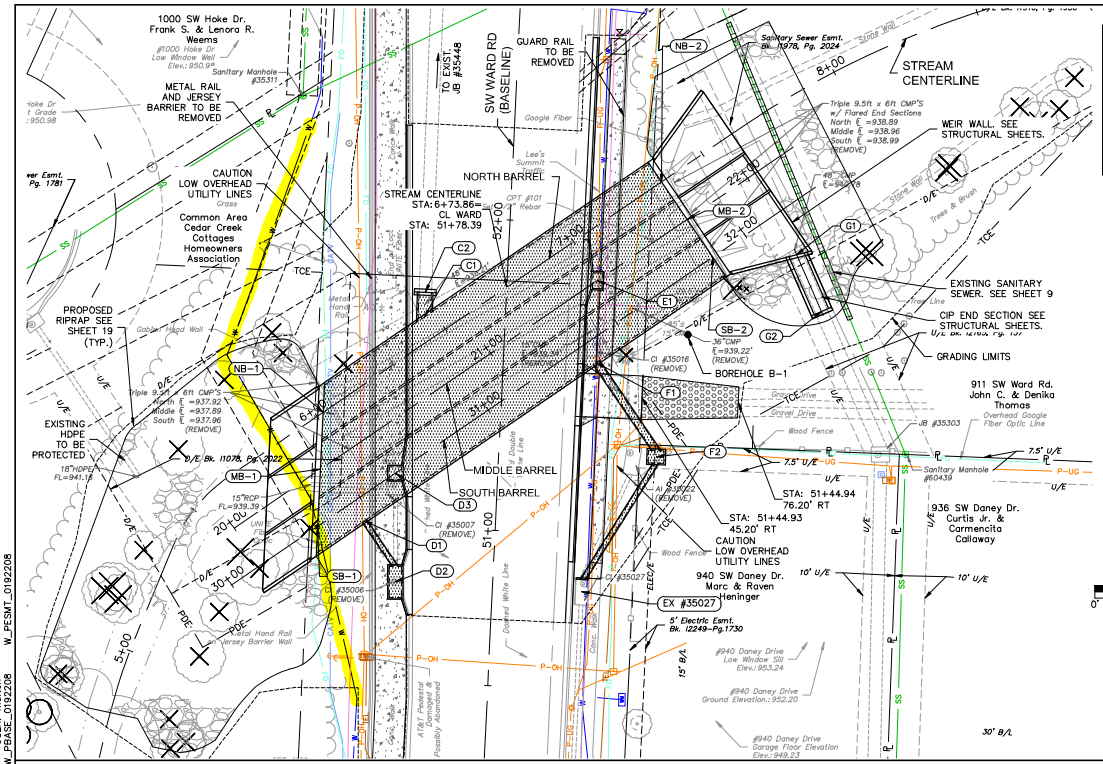


CULVERT BARREL INSTALLATION DATA

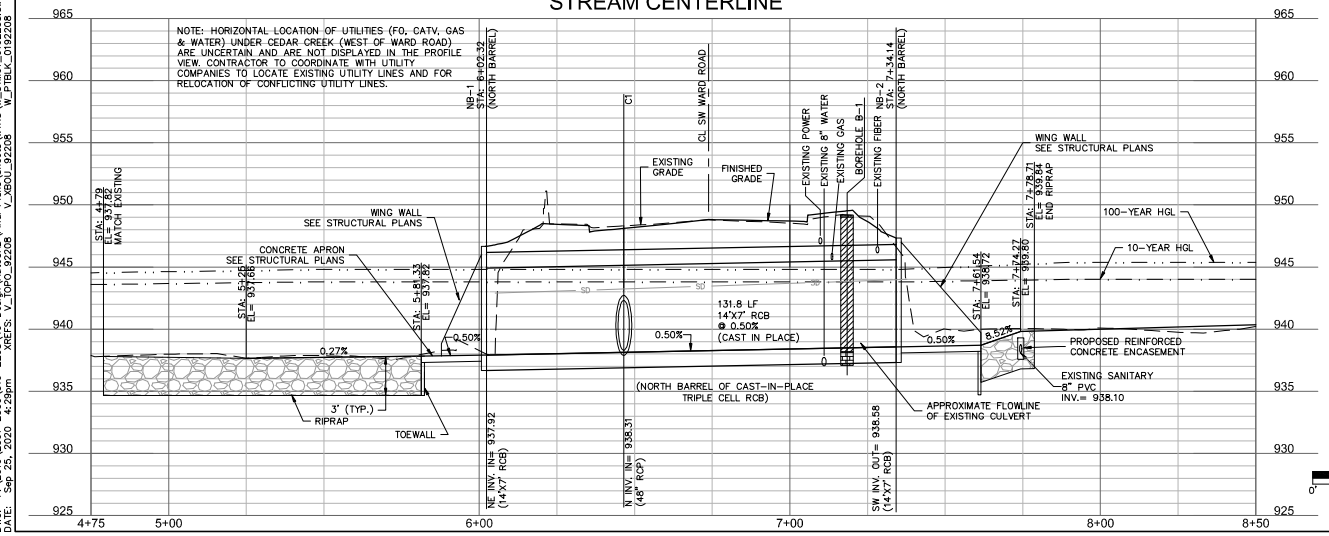
ALIGNMENT NAME	CL LENGTH (FT)	SIZE (FT)	SLOPE	UPSTREAM NODE & INVERT (CL)*	DOWNSTREAM NODE & INVERT (CL)**	N.E. UPSTREAM (CL)*	N.E. DOWNSTREAM (CL)**
SOUTH BARREL	153.92	14 x 7	0.50%	SB-2 INV.=938.58	SB-1 INV.=937.81	N: 996463.69 E: 2818466.23	N: 996377.03 E: 2818339.02
MIDDLE BARREL	142.87	14 x 7	0.50%	MB-2 INV.=938.58	MB-1 INV.=937.87	N: 996475.81 E: 2818457.98	N: 996395.38 E: 2818339.90
STREAM CENTERLINE	131.82	14 x 7	0.50%	NB-2 INV.=938.58	NB-1 INV.=937.92	N: 996487.93 E: 2818449.72	N: 996413.72 E: 2818340.77

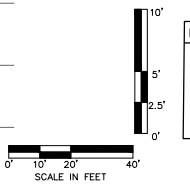
* DENOTES LOCATION OF UPSTREAM FLOWLINES AND COORDINATES

** DENOTES LOCATION OF DOWNSTREAM FLOWLINES AND COORDINATES

NOTE:
IF A COMPETENT ROCK SHELF IS ENCOUNTERED AT THE BOTTOM OF THE STREAM, THE CONTRACTOR SHALL EXCAVATE TO MEET THE PROPOSED GRADES BUT WILL NOT BE REQUIRED TO OVER-EXCAVATE AND PLACE RIPRAP TO THE DEPTHS SHOWN ON THE PLANS.

STREAM CENTERLINE





BORING LOG LEGEND

- ROOT ZONE
- LEAN CLAY
- LIMESTONE

EXISTING SANITARY DATA

Sanitary Manhole #35033
Top=949.53'
℄ In(S) 8"PVC=941.48'
℄ In(E) 8"PVC=941.53'
℄ Out(N) 8"PVC=941.38'

Sanitary Manhole #35277
Top=955.01'
℄ In(NE) 8"VCP=947.21'
℄ Out(S) 8"VCP=947.01'

Sanitary Manhole #35311
Top=948.02'
℄ In(N) 8"PVC=936.12'
℄ In(NE) 18"PVC=935.27'
℄ Out(SW) 18"PVC=935.12'

Sanitary Manhole #35447
Top=950.28'
℄ In(NE) 18"PVC=936.63'
℄ In(SE) 8"PVC=937.68'
℄ Out(SW) 18"PVC=936.53'

San. Sewer Manhole #60166
Top=952.23'
℄ In(NNW) 6"PVC=946.23'
℄ In(E) 8"PVC=942.13'
℄ Out(W) 8"PVC=940.78'

Sanitary Manhole #60439
Top=950.58'
℄ In(S) 8"PVC=939.18'
℄ Out(NW) 8"PVC=938.83'

EXISTING STORM DATA

Curb Inlet #35006 (REMOVE)
Rim=947.90'
℄ Out(N) 15"RCP=942.35' (REMOVE)

Curb Inlet #35007 (REMOVE)
Rim=947.97'
℄ In(S) 15"RCP=939.72' (REMOVE)
℄ Out(W) 15"RCP=939.62' (REMOVE)

Curb Inlet #35016 (REMOVE)
Rim=948.18'
℄ Out(NNE) 15"CMP=942.63' (REMOVE)

Area Inlet #35022 (REMOVE)
Rim=948.35'
℄ In(S) 15"RCP=943.45' (REMOVE)
℄ Out(N) 36"CMP=942.00' (REMOVE)

Curb Inlet #35027
Rim=947.66'
℄ In(S) 15"RCP=943.66'
℄ Out(NE) 15"RCP=943.56' (REMOVE)

Curb Inlet #35032
Rim=949.22'
℄ In(S) 48"CMP=943.47'
℄ Out(N) 48"CMP=943.62'

Junction Box #35303
Rim=950.65'
℄ In(S) 48"CMP=941.45'
℄ Out(NW) 48"CMP=941.35'

Curb Inlet #35317
Rim=947.36'
℄ In(WNW) 15"HDPE=943.41'
℄ Out(SE) 18"HDPE=943.16'

Junction Box #35386 (REMOVE)
Rim=951.77'
℄ In(N) 64"x32"ACMP=945.27' (REMOVE)
℄ In(E) 24"RCP=946.37' (REMOVE)
℄ Out(S) 64"x32"ACMP=945.07'(REMOVE)

Curb Inlet #35395
Rim=951.61'
℄ In(N) 27"x18"RCP=947.21'
℄ Out(W) 24"RCP=946.91' (REMOVE)

Curb Inlet #35400
Rim=951.80'
℄ Out(S) 27"x18"RCP=947.80'

Junction Box #35448
Rim=953.87'
℄ In(N) 48"RCP=942.72'
℄ In(W) 48"RCP=946.17'
℄ Out(S) 48"RCP=941.12'

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www.olsson.com

REVISIONS

REV. NO.	DATE	REVISIONS DESCRIPTION	BY

PLAN & PROFILE - NORTH BARREL

SW LEA DRIVE
STORM SEWER IMPROVEMENTS

2020

LEE'S SUMMIT, MISSOURI

drawn by:	KTF/JDA
checked by:	JDA/BMJ
approved by:	BMJ
QA/QC by:	
project no.:	019-2208
drawing no.:	
date:	09.25.2020

SHEET
10 of 57

DWG: F:\2019\2001-2500\019-2208\40-Design\AutoCAD\Final Plans\Sheets\WRS W_STM01_0192208.dwg W_PTBLK_0192208
DATE: Sep. 25, 2020 4:29pm XREFS: V_TOPO_92208 V_XBOU_92208 W_PBASE_0192208 W_PESMT_0192208
USER: kfulton