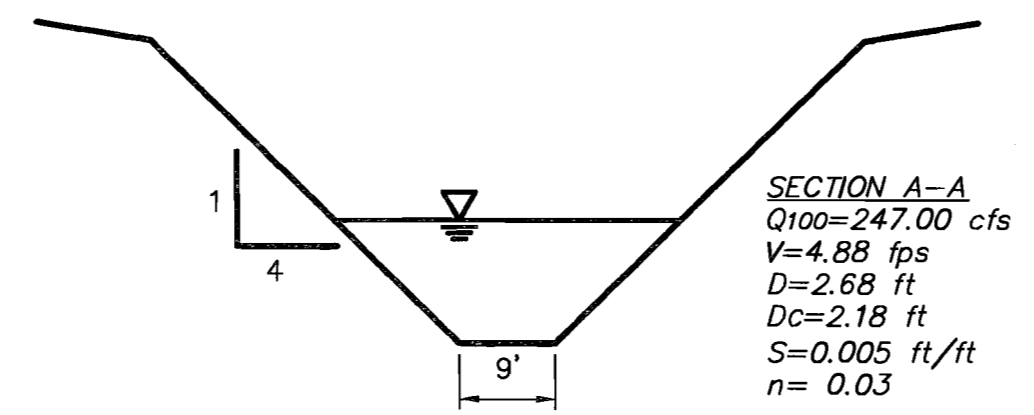
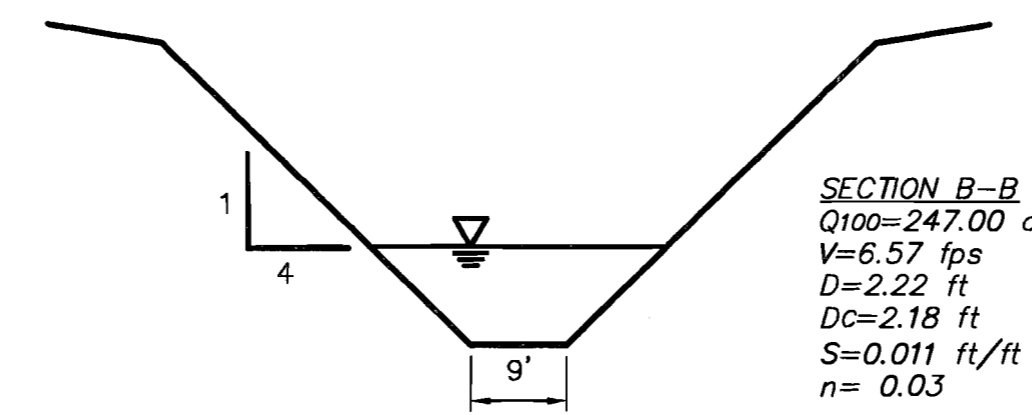


CHANNEL GRADING PLAN

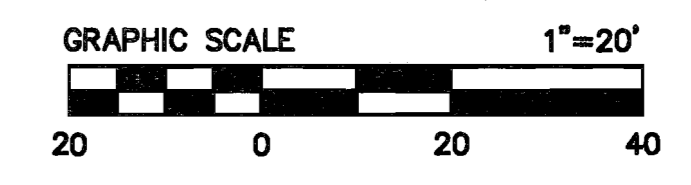
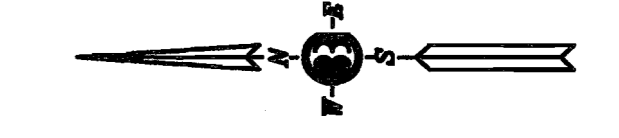


CHANNEL SECTION A-A  
 1"=20' H  
 1"=4' V



CHANNEL SECTION B-B  
 1"=20' H  
 1"=4' V

CAUTION: EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO EXCAVATION.



- NOTES:
- REFER TO FLOODPLAIN INFORMATION STUDY FOR SOUTH PRONG CREEK, TRIB 6 & TRIB 6A FOR PARK PLACE WEST - PHASE III PREPARED BY BOYD HYDROLOGY PLLC DATED APRIL 2018 FOR DETENTION POND C & STORM CULVERT LINE M CALCULATIONS. REFER TO TRIB 6 SUPPLEMENT BY CARDINAL STRATEGIES, INC. DATED 9/19/18 FOR REVISED CULVERT LINE "O."

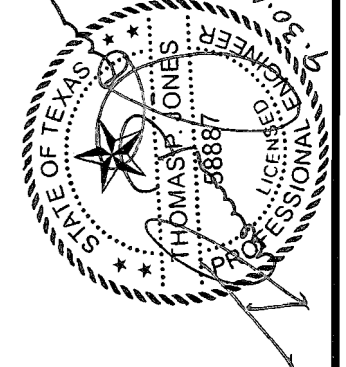
Plan Sta	River Sta	Q Total (cfs)	Flowline Elev (ft)	100-YR W.S. Elev (ft)	Vel Chnl (fps)
3+07	989.9	247	537	539.87	4.29
2+74	839	247	536.12	539.86	3.04
2+63	828	247	543.12	539.68	4.01
Proposed 9' x 8' culvert at slope (Elevation 534 to 533.4)					
1+07	774	247	533.39	536.25	9.61
0+98	765	247	533.28	536.37	3.95
0+72.4	755.4	247	533.11	536.36	3.61
0-04	677	247	532.89	536.18	1.69

THIS SHEET REPLACES ORIGINAL SHEET C18 AND SHALL BE USED FOR THE CONSTRUCTION OF ALL INFORMATION SHOWN

CONSTRUCTION RECORDS  
 DATE: 10.10.2019  
 BY: TJS  
 THIS DRAWING INDICATES THE WORK COMPLETED PER INFORMATION SUPPLIED BY THE CONTRACTOR. THE ACCURACY AND COMPLETENESS OF THIS INFORMATION HAS NOT BEEN VERIFIED. ACTUAL ON THE GROUND SURVEY VERIFICATION WAS NOT PERFORMED EXCEPT AS SPECIFICALLY NOTED. TOMDEN ENGINEERING, L.L.P. SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.  
 TOMDEN ENGINEERING, L.L.P.

BENCHMARKS  
 TBM ON THE SOUTH EDGE OF PAVEMENT OF WASHINGTON STREET AT THE INTERSECTION OF ALUMINUM PLANT ROAD.  
 ELEVATION = 542.91  
 TBM ON THE EAST EDGE OF PAVEMENT OF RENTRO STREET APPROXIMATELY 340' SOUTH OF THE INTERSECTION ON HARTMAN.  
 ELEVATION = 535.43

DESIGNED BY: TPJ	DATE: 10.02.2019	SCALE: AS SHOWN
DRAWN BY: WSB	DATE: 08.30.2019	FINAL FLOODPLAIN DATA/INLET COORDINATES
CHECKED BY: TPJ	DATE: 08.18.2019	STORM CULVERT 'O' AND LINE 'P'



TOMDEN ENGINEERING, L.L.P.  
 5815 MEADOWCREST  
 DALLAS, TX 75230  
 (214) 679-1679  
 tjones@tomden.com  
 FIRM No. 19244

PARK PLACE WEST - PHASE III  
 R. BALLARD SURVEY ABSTRACT NO. 29  
 ROCKWALL, ROCKWALL COUNTY, TEXAS  
 CHANNEL GRADING & DETAILS