

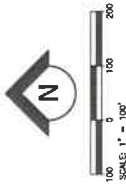


DRAINAGE AREA #	DRAINAGE AREA SIZE A (AC)	RUNOFF COEFFICIENT C	TIME OF CONCENTRATION T _c (MIN)	DRAINAGE AREA CALCULATIONS - EXISTING CONDITIONS										DRAINAGE TO
				INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	INTENSITY I (IN/H)	
1	4.95	0.65	10	4.63	5.66	6.64	7.50	8.34	9.22	10.08	10.94	11.80	12.66	DA 1
2	7.05	0.65	10	4.63	5.66	6.64	7.50	8.34	9.22	10.08	10.94	11.80	12.66	DA 2
3	3.59	0.65	10	4.63	5.66	6.64	7.50	8.34	9.22	10.08	10.94	11.80	12.66	DA 3
4	3.86	0.65	10	4.63	5.66	6.64	7.50	8.34	9.22	10.08	10.94	11.80	12.66	DA 4

COMPARISON OF CALCULATIONS				
DA 1	4.95	0.65	10	12.66
DA 2	7.05	0.65	10	12.66
DA 3	3.59	0.65	10	12.66
DA 4	3.86	0.65	10	12.66
Total Average Intensity 12.66 IN/H				

Intensity values (I) taken from City of Weatherford "Engineering Design and Construction Manual", Table 3-2

NOTE:
1. DC CONTOURS SHOWN BELOW ARE PROVIDED FROM AERIAL SOURCE. CONTOURS ARE NOT TO SCALE.



LEGEND	
DA #	DRAINAGE AREA LABEL
AP #	ANALYSIS POINT LABEL
---	EXISTING CONTOUR
---	DRAINAGE AREA BOUNDARY
---	FLOW DIRECTION ARROW

REVISION SCHEDULE

REV. NO.	DESCRIPTION	DATE

EXISTING DRAINAGE AREA MAP & CALCULATIONS

INDUSTRIAL ST EXTENSION
CITY OF WEATHERFORD
PARKER COUNTY, TEXAS

10-12-2020
SHEET 1
C4.0

DATE: 10-12-2020
DRAWN: NAB
CHECKED: NAB
DESIGN: NAB

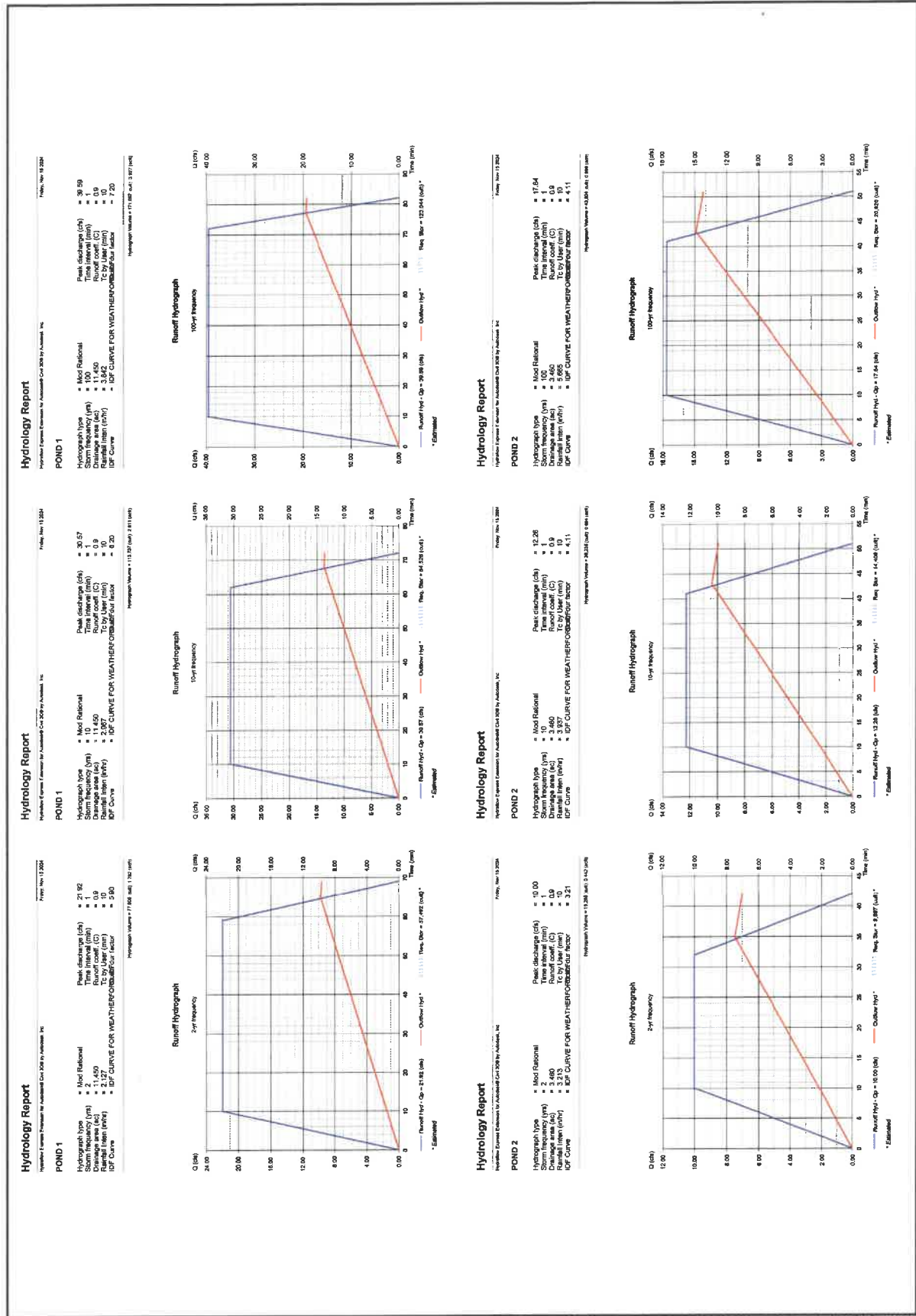
TEAM ENGINEERING & SURVEYING

10-12-2020
SHEET 1
C4.0

10-12-2020
SHEET 1
C4.0

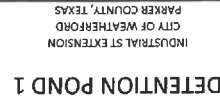
10-12-2020
SHEET 1
C4.0

10-12-2020
SHEET 1
C4.0

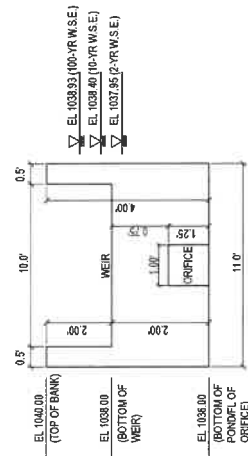
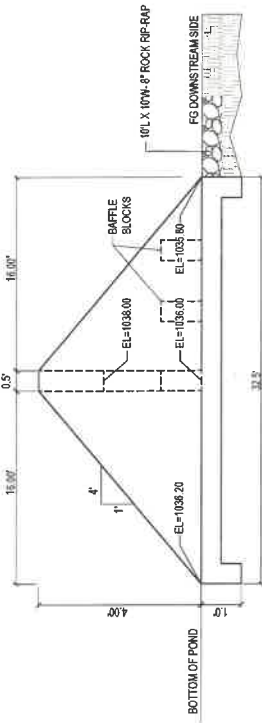
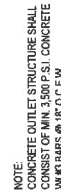


[illegible]

(617) 319-9031
TEXAS REG. FIRM # 17288



DESIGN: MJB
DRAWING: MJB
CHECKED: MJB
DATE: JAN 2013
SHEET 1
C4.4
CLIENT #: 096 JOB #: 2313



OUTLET STRUCTURE 1
TYPICAL SECTION - TOP VIEW
(N.T.S.)

OUTLET STRUCTURE 1
TYPICAL SECTION - SIDE VIEW
(N.T.S.)

OUTLET STRUCTURE 1
TYPICAL SECTION - FRONT VIEW
(N.T.S.)

