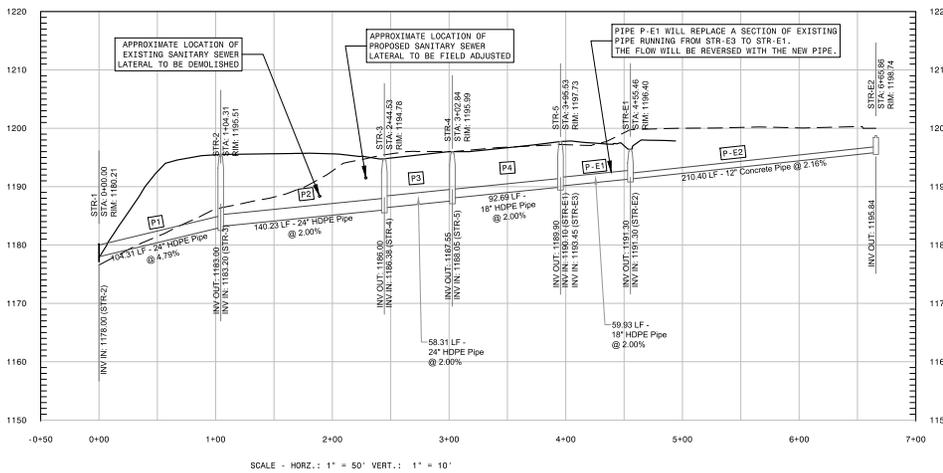


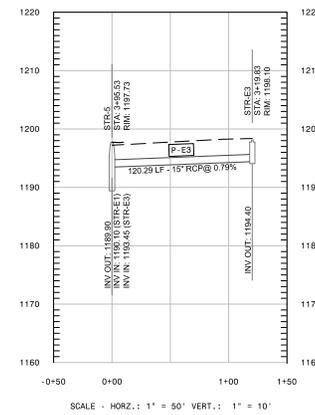
IF THIS DRAWING IS A REDUCTION GRAPHIC SCALE MUST BE USED

SCALE: 1" = 50'

PROPOSED STORM DRAIN A - 1



PROPOSED STORM DRAIN A - 2 (EXISTING)



PIPE TABLE						
NAME	SIZE (IN)	TYPE	LENGTH (LF)	INVERT IN	INVERT OUT	SLOPE (%)
P1	24	HDPE - SMOOTH WALL	104.31	1183.00	1178.00	4.79%
P2	24	HDPE - SMOOTH WALL	140.23	1186.00	1183.20	2.00%
P3	24	HDPE - SMOOTH WALL	58.31	1187.55	1186.38	2.00%
P4	18	HDPE - SMOOTH WALL	92.69	1189.90	1188.05	2.00%
P5	18	HDPE - SMOOTH WALL	113.92	1185.50	1180.00	4.83%
P6	18	HDPE - SMOOTH WALL	135.81	1190.00	1187.00	2.21%
P7	18	RCP	75.00	1169.00	1164.00	6.67%
P-E1	18	HDPE - SMOOTH WALL	59.93	1191.30	1190.10	2.00%
P-E2	12	RCP	210.40	1195.84	1191.30	2.18%
P-E3	15	RCP	120.29	1194.40	1193.45	0.79%
P-E4	12	CPP	84.20	1196.69	1192.76	4.67%

STRUCTURE TABLE							
NAME	TYPE	SIZE (FT)	TOP	BOTTOM	DEPTH	INVERT IN	INVERT OUT
STR-1	HEADWALL	-	1180.21	1178.00	-	1178.00	1178.00
STR-2	MANHOLE	4	1195.51	1183.00	12.51	1183.20	1183.00
STR-3	MANHOLE	4	1194.78	1186.00	8.78	1186.38	1186.00
STR-4	DROP INLET	4	1195.99	1187.55	8.44	1188.05	1187.55
STR-5	DROP INLET	4	1197.73	1189.90	7.83	1189.00	1189.90
STR-6	HEADWALL	-	1182.21	1180.00	-	1180.00	1180.00
STR-7	MANHOLE	4	1192.36	1185.50	6.86	1187.00	1185.50
STR-8	MANHOLE	4	1200.01	1190.00	10.01	1192.76	1190.00
STR-9	HEADWALL	-	1167.21	1165.00	-	1165.00	1165.00
STR-10	RISER	4	1177.00	1169.00	8.00	1169.00	1169.00
STR-E1	DROP INLET		1196.40	1191.30	5.10	1191.30	1191.30
STR-E2	DROP INLET		1198.74	1195.84	2.90	-	1195.84
STR-E3	DROP INLET		1198.10	1194.40	3.70	-	1194.40

No.	Revisions	Date

earth
environmental and civil

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DESIGN BY: TCH	PROJECT: FAITH FELLOWSHIP - NEW SANCTUARY	DATE: 1/13/2020
DRAWN BY: DBF	TITLE: STORM SYSTEM PLAN & PROFILE	DRAWING NUMBER: C6
REVIEWED BY: TCH	DRAWING NAME:	SHEET NUMBER: 11
PROJECT NUMBER: 15-048	SCALE: AS SHOWN	