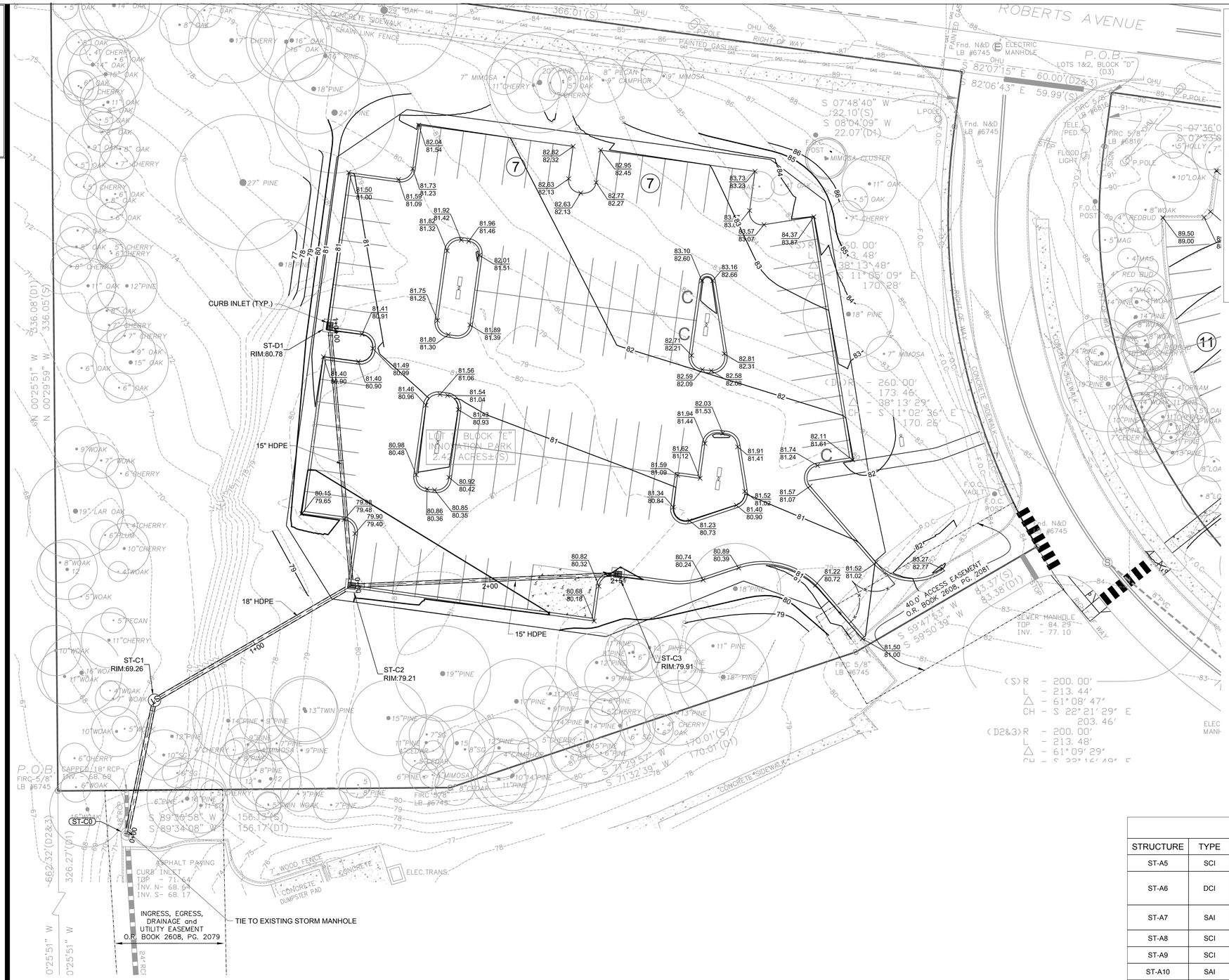
Drawn By: BRD
Checked By: JLS
Approved By: JL



LEGEND

	PROPERTY LINE
	BUILDING LINE
-80-	EXISTING MAJOR CONTOUR
81	EXISTING MINOR CONTOUR
85	MAJOR CONTOUR
86	MINOR CONTOUR
	RETAINING WALL
	STORM PIPE
STRUCTURE A4 RIM:195.11 (A5)	STRUCTURE LABEL
81.40	SPOT ELEVATION
81.50(F)	FLUSH ELEVATION
M.E.F.G. 199.00	MATCH EXISTING FINISH GRADE ELEVATION
81.80 (TOP OF CURB) / 81.30 (BOTTOM OF CURB)	CURB ELEVATION
84.50 TW (TOP OF WALL) / 82.30 BW (BOTTOM OF WALL)	WALL ELEVATION

PIPE TABLE

NAME	MATERIAL	DIA.	APPROX. LENGTH	SLOPE
ST-A5 - STX-A4	HDPE	18"	32'	1.00%
ST-A6 - ST-A5	HDPE	18"	83'	0.80%
ST-A7 - ST-A6	HDPE	18"	150'	0.78%
ST-A8 - ST-A7	HDPE	18"	34'	2.04%
ST-A9 - ST-A8	HDPE	18"	57'	1.47%
ST-A10 - ST-A9	HDPE	12"	94'	1.03%
ST-C1 - ST-C0	HDPE	18"	54'	1.00%
ST-C2 - ST-C1	HDPE	18"	91'	0.98%
ST-C3 - ST-C2	HDPE	15"	106'	10.17%
ST-D1 - ST-C2	HDPE	15"	104'	1.98%
ST-E6 - STX-E5	HDPE	12"	45'	1.42%
ST-F1 - ST-A6	HDPE	8"	7'	2.46%
ST-F2 - ST-F1	HDPE	8"	69'	1.82%
ST-H1 - ST-A6	HDPE	12"	8'	1.00%
ST-TR - ST-A6	HDPE	12"	16'	2.00%

STRUCTURE TABLE

STRUCTURE	TYPE	RIM	PIPE IN : I.E.	PIPE OUT : I.E.
ST-A5	SCI	81.20	ST-A6 - ST-A5 - 18" HDPE (W) : 73.57	ST-A5 - STX-A4 - 18" HDPE (N) : 73.47
ST-A6	DCI	82.63	ST-A7 - ST-A6 - 18" HDPE (W) : 74.23 ST-H1 - ST-A6 - 12" HDPE (S) : 75.92 ST-F1 - ST-A6 - 8" HDPE (S) : 74.33	ST-A6 - ST-A5 - 18" HDPE (E) : 74.23
ST-A7	SAI	84.71	ST-A8 - ST-A7 - 18" HDPE (SW) : 75.50 ST-TR - ST-A6 - 12" HDPE (S) : 78.67	ST-A7 - ST-A6 - 18" HDPE (E) : 75.40
ST-A8	SCI	84.50	ST-A9 - ST-A8 - 18" HDPE (S) : 76.28	ST-A8 - ST-A7 - 18" HDPE (NE) : 76.18
ST-A9	SCI	81.07	ST-A10 - ST-A9 - 12" HDPE (SE) : 77.22	ST-A9 - ST-A8 - 18" HDPE (N) : 77.12
ST-A10	SAI	80.80		ST-A10 - ST-A9 - 12" HDPE (NW) : 78.19
ST-C0	EXISTING	71.28	ST-C1 - ST-C0 - 18" HDPE (N) : 60.02	
ST-C1	MH	69.26	ST-C2 - ST-C1 - 18" HDPE (NE) : 63.56	ST-C1 - ST-C0 - 18" HDPE (S) : 60.56
ST-C2	SCI	79.21	ST-C3 - ST-C2 - 15" HDPE (E) : 64.45 ST-D1 - ST-C2 - 15" HDPE (N) : 74.36	ST-C2 - ST-C1 - 18" HDPE (SW) : 64.45
ST-C3	SCI	79.91		ST-C3 - ST-C2 - 15" HDPE (W) : 75.23
ST-D1	SCI	80.78		ST-D1 - ST-C2 - 15" HDPE (S) : 76.41
ST-E6	SCI	80.86		ST-E6 - STX-E5 - 12" HDPE (E) : 78.00
ST-F1	CO	83.07	ST-F2 - ST-F1 - 8" HDPE (S) : 74.50	ST-F1 - ST-A6 - 8" HDPE (N) : 74.50
ST-TR	TRD	83.40		ST-TR - ST-A6 - 12" HDPE (N) : 79.00
STX-A4	EXISTING	81.03	ST-A5 - STX-A4 - 18" HDPE (S) : 73.15	STX-A4 - STX-A3 - 18" HDPE (E) : 72.98
STX-E5	EXISTING	81.00	ST-E6 - STX-E5 - 12" HDPE (W) : 77.36	STX-E5 - STX-E4 - 12" HDPE (SE) : 77.26

TYPE		STRUCTURE		DETAIL
SCI	-	SINGLE COMBINATION INLET	-	DETAIL 07, SHEET C901
MH	-	MANHOLE (PRECAST)	-	DETAIL 02, SHEET C902
SAI	-	SINGLE AREA INLET	-	DETAIL 08, SHEET C901
CO	-	CLEAN OUT	-	DETAIL 06, SHEET C901
DCI	-	DOUBLE COMBINATION INLET	-	DETAIL 08, SHEET C902

NORTH

20' 0 20' 40'
GRAPHIC SCALE

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NOT FOR CONSTRUCTION FOR PUD PERMITTING ONLY

JAMES LEVI SCIARA LICENSED PROFESSIONAL ENGINEER No 80351 STATE OF FLORIDA
03.02.2018

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Revision		
No.	Date	Description

GRADING & DRAINAGE PLAN - PHASE D

C302

PROJECT: 42740.00
DATE: 3.2.2018