1 2 3 4 5 6

A B C D

PROPOSED BUILDING
FFE 53.30

SPRING MIDDLE ARTERIAL

UNION STREET

INSET A

1 CANAL PLAZA
10 STORY BRICK BUILDING

SATELLITE #2
2 CANAL PLAZA
4 STORY BRICK BUILDING

CANAL PLAZA AREA

WOOD BENCH, SEE LANDSCAPE PLANS

STONE BENCH, SEE LANDSCAPE PLANS

TRANSFORMER ELECTRIC

SIGNAL ARM

BRICK SIDEWALK (UNDER CONST.)

GAS

DB10 52.95 — PIPE DB10 — DB9

DB8 52.87 — PIPE DB8 — PIPE RD1 — DB7 52.91 — PIPE DB7 — DB6 — PIPE DB6

DB4 52.98 — PIPE DB4 — DB2 52.97 — DB3 — PIPE DB3 — PIPE DB2

DB9 — PIPE DB9 — CB3 53.05 — PIPE CB3

DB5 52.89 — PIPE DB5

DB1 53.03 — PIPE DB1 — CB2

PIPE FD1 — PIPE FD2 — PIPE FD3 — PIPE FD4

UNDERDRAIN FOR TREE DRAINAGE (TYP.) SEE DETAIL

INSERTA-WYE CONNECTION (TYP.)

OPENING IN GRANITE PAVERS FOR TREE (TYP.)

DOOR FFE 53.57

DOOR FFE 53.64'

INSERTA-WYE CONNECTION AT EACH TRENCH DRAIN

TREE PLANTING BEDS, SEE LANDSCAPE PLANS

TRENCH DRAIN AT BASE OF EACH SET OF STEPS (TYP.) (SEE LANDSCAPE PLAN)

FOUNDATION DRAIN, SEE NOTE 1

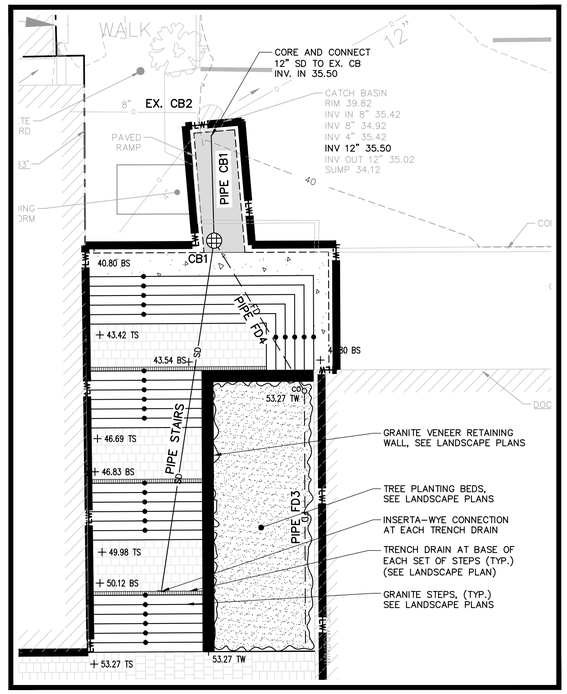
CONNECT 8" SD TO EXISTING ROOF DRAIN

CORE AND CONNECT 8" SD ROOF DRAIN TO EX. CB, FIELD VERIFY INVERTS

CORE AND CONNECT 12" SD TO EX. CB INV. IN 37.71

CATCH BASIN RIM 41.71 INV 12" 37.71 INV OUT 37.56 SUMP FULL

EX. CB1



INSET A
SCALE: 1" = 10'

STRUCTURE TABLE					
NAME	DIA.	GRATE	RIM	INV IN/SIZE/FROM	INV OUT/SIZE/TO
CB1	48"	24"	40.80	35.75/12"SD/ 36.75/6"SD/	35.65/12"SD/EX. CB2
CB2	48"	24"	53.47	46.12/12"SD/CB3 47.12/6"SD/	46.02/12"SD/EX. CB1
CB3	18"	10"	53.05	47.36/8"SD/DB9	47.26/12"SD/CB2
DB1	12"	10"	53.03		46.48/8"SD/
DB2	18"	10"	52.97	47.34/8"SD/DB4 47.34/8"SD/DB3	46.96/10"SD/
DB3	12"	10"	52.97		47.45/8"SD/DB2
DB4	12"	10"	52.98		47.48/8"SD/DB2
DB5	12"	10"	52.89		46.99/8"SD/
DB6	18"	10"	52.91	48.61/8"SD/DB7 48.61/8"SD/DB8	47.41/10"SD/
DB7	12"	10"	52.96	48.85/6"RD/	48.69/8"SD/DB6
DB8	12"	10"	52.91		48.76/8"SD/DB6
DB9	18"	10"	53.24	47.76/8"SD/DB10	47.66/8"SD/CB3
DB10	12"	10"	52.95		48.21/8"SD/DB9
EX. CB1	48"	24"	41.71	37.71/12"SD/CB2	SEE PLAN VIEW FOR EXISTING INVERTS
EX. CB2	48"	24"	39.82	35.50/12"SD/CB1	

PIPE TABLE			
PIPE NAME	SIZE	LENGTH	SLOPE
PIPE CB1	12" SD	12'	0.0120
PIPE CB2	12" SD	119'	0.0698
PIPE CB3	12" SD	114'	0.0100
PIPE DB1	8" SD	4'	0.0100
PIPE DB2	10" SD	48'	0.0100
PIPE DB3	8" SD	11'	0.0100
PIPE DB4	8" SD	14'	0.0100
PIPE DB5	8" SD	16'	0.0100
PIPE DB6	10" SD	38'	0.0100
PIPE DB7	8" SD	8'	0.0100
PIPE DB8	8" SD	15'	0.0100
PIPE DB9	8" SD	30'	0.0100
PIPE DB10	8" SD	45'	0.0100
PIPE FD1	6" SD	46'	0.0050
PIPE FD2	6" SD	19'	0.0739
PIPE FD3	6" SD	33'	0.0050
PIPE FD4	6" SD	21'	0.5466
PIPE RD1	6" RD	32'	0.0100
PIPE STAIRS	12" SD	45'	0.1534

NOTE:

1. FOUNDATION DRAIN INVERTS ARE APPROXIMATE. FIELD VERIFICATION OF EXISTING FOUNDATION DEPTH REQUIRED TO CONFIRM INVERTS.

10' 0 10' 20'
BAR SCALE
1" = 10'
CHECK GRAPHIC SCALE BEFORE USING

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STATE OF MAINE
LAUREN JANE SWETT
12284
REGISTERED PROFESSIONAL ENGINEER
3/21/2017

REV	DESCRIPTION	DATE
2	REVISED WATER SERVICE	3/21/2017
1	ADDENDUM 1	10/11/16

DESIGNED BY: LJS
DRAWN BY: JBC
CHECKED BY: DAS
229311-C200A.dwg

ENLARGED PLAZA GRADING PLAN

CANAL5STUDIO

ZERO CANAL PLAZA DEVELOPMENT

JOB NO.: 229311
DATE: SEPTEMBER 19, 2016
SCALE: 1" = 10'
SHEET: 6 OF 10

C-203

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