

STRUCTURE ID		13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	32	33	34	36	53	54	55	56	57	58	59
STRUCTURE TYPE		CB-Curb	CB	CB	CB	CB	CB	MH	MH	CB	CB	CB	CB	CB	DI	DI	DI	CB	CB	CB	C.O.	DI	DI	DI	DI	DI	CB	CB
TOP GRATE/RIM ELEVATION		460.80	460.50	460.50	461.00	461.00	461.00	468.00	477.00	477.00	475.80	475.80	475.50	475.50	461.00	461.00	461.00	477.50	477.50	477.50	477.00	461.00	461.00	461.00	461.00	461.00	461.00	461.00
DOWNSTREAM PIPE	PIPE SIZE (INCHES)	30	30	24	24	24	24	18	18	18	18	18	12	12	18	18	18	12	12	12	8	24	24	24	24	12	12	12
	PIPE MATERIAL	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE
	PIPE LENGTH (FEET)	92.0	120.0	105.0	106.0	100.0	79.0	17.0	28.0	83.0	165.0	81.0	95.0	85.0	50.0	50.0	50.0	87.0	30.0	30.0	184.0	126.0	121.0	121.0	59.0	51.0	50.0	
	PIPE SLOPE (%)	0.58	0.53	0.58	0.58	0.50	0.58	10.00	10.00	1.20	0.42	0.57	0.55	0.55	0.40	0.40	0.44	0.44	0.43	0.43	0.44	0.56	0.50	0.46	0.49	0.44	0.44	0.44
PIPE INVERT ELEVATIONS	IN (N)						455.20		472.72	469.45	470.14	470.60			455.40	455.60	456.57											
	IN (S)				453.17	453.78												471.02	471.15			456.12	456.72	457.28	457.87	457.30	457.35	457.74
	IN (W)	451.42	452.56				454.28	455.50	462.50	468.45								471.52				454.62	455.22	455.78	456.87	457.13		
	IN (E)											470.64		471.12		456.32	455.72											
	OUT	451.42	452.06	453.17	453.78	454.28	454.74	457.20	465.30	469.45	470.14	470.60	471.12	471.59	455.40	455.60	455.82	471.02	471.15	471.28	473.53	453.92	454.62	455.22	455.78	456.87	457.13	457.35
SUMP ELEVATION		449.92	450.56	451.67	452.28	452.78	453.24			467.95	468.64	469.10	469.62	470.09	453.90	454.10	454.32	469.52	469.65	469.78		452.42	453.12	453.72	454.28	455.37	455.63	455.85

LEGEND

- 106

EXISTING MAJOR CONTOUR
- 111

EXISTING MINOR CONTOUR
- PROPOSED CONTOURS
- PROPERTY LINE
- 107.3 +

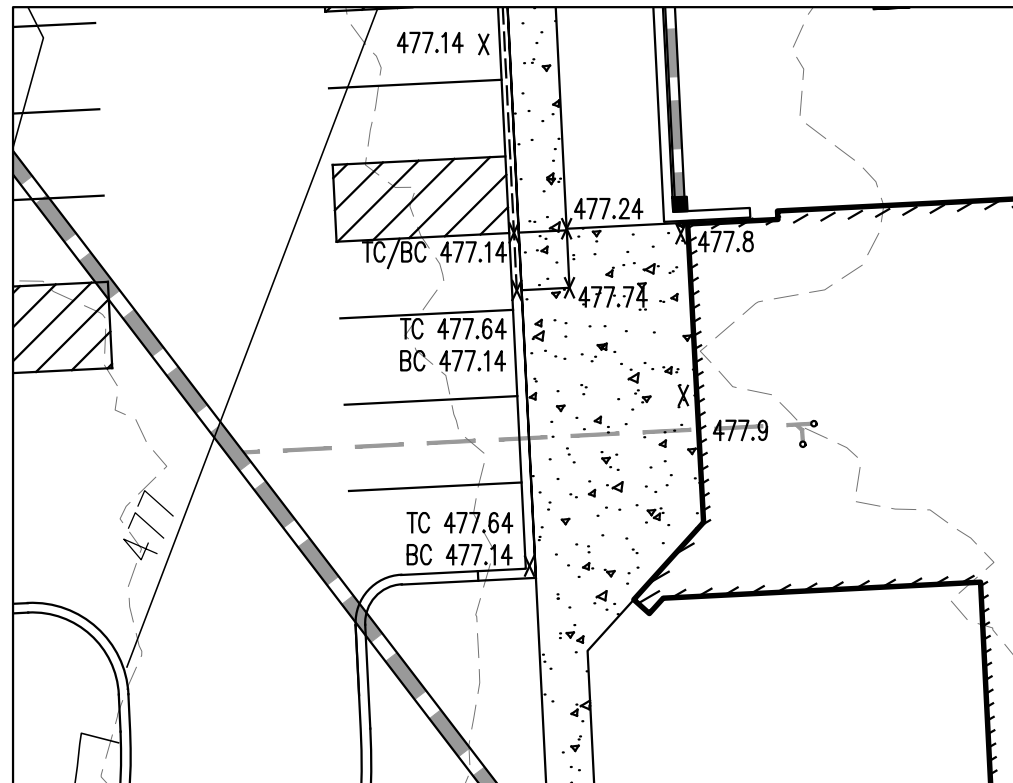
SPOT GRADE
- TW 112.0 +

TOP OF WALL
- BW 100.0 +

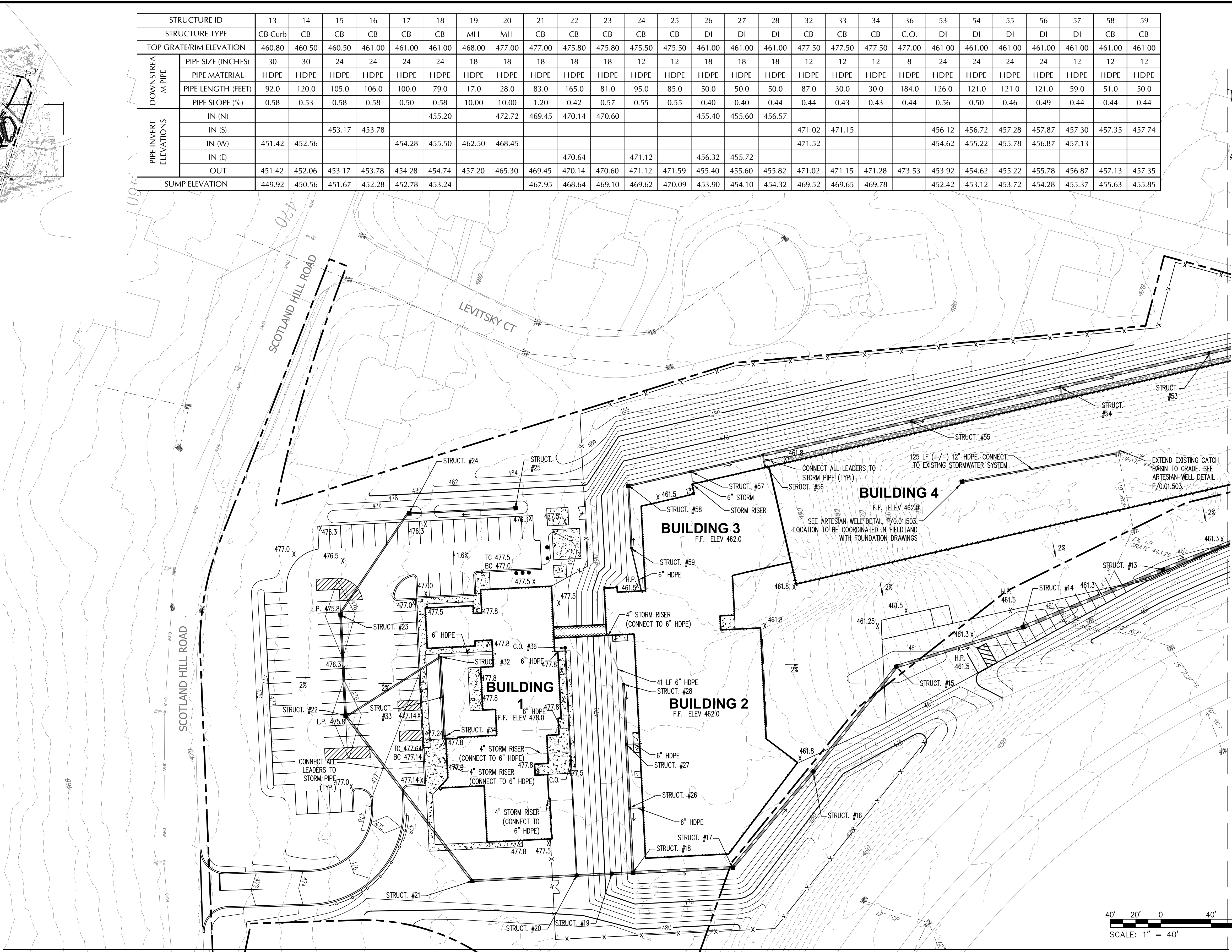
BOTTOM OF WALL
- TC 92.5 +

TOP OF CURB
- BC 92.0 +

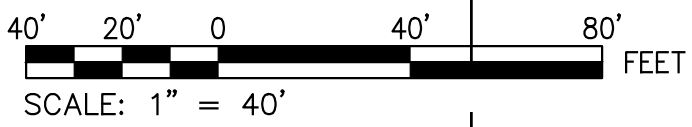
BOTTOM OF CURB
- PROPOSED STORM MANHOLE(MH) /SANITARY MANHOLE(SMH)
- PROPOSED DRAIN INLET (DI) /CATCH BASIN (CB)



MAIN ENTRANCE GRADING DETAIL



MATCHLINE - SEE DWG NO. C-202 FOR CONTINUATION



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STV Architects, P.C.
225 Park Avenue South
New York, NY 10003
(212) 777-4400 FAX: (212) 473-2780
www.stvinc.com

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Consulting Engineers

OLA Consulting Engineers
60 Broadway, Hawthorne,
New York 10652
914.747.2800
12 East 48th Street, 11th Fl.,
New York, NY 10017
948.948-5110
olace.com

FACILITIES CONSULTANT

Gannett Fleming

Gannett Fleming
31 Montross Ave., 7th Floor
White Plains, New York 10601
admin@gannettflm.com
(914) 232-4090

LANDSCAPE ARCHITECT

IQ

Imbiano-Quigley
Landscape Architects
31 Montross Ave., 7th Floor
White Plains, New York 10601
admin@iqlandscape.com
(914) 232-4090

PROJECT

COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

McLaren

ENGINEERING GROUP

M. G. McLaren Engineering
and Land Surveying P.C.
530 Chestnut Ridge Road, Woodcliff Lake, NJ 07677
T: 201.775.8000 F: 201.746.8522 www.mgmclaren.com

SEAL

STATE OF NEW YORK

ENGINEER

101180

SHEET NAME

GRADING AND DRAINAGE PLAN
(SHEET 1 OF 4)

No.	DATE	REVISION	BY

PROJECT NO.

130439

SCALE

AS NOTED

DATE

OCTOBER 30, 2019

DRAWN BY

ORR

CHECKED BY

JMS

APPROVED BY

ISSUED FOR

BID SET

DRAWING NO.

0.01.201

10 OF 377 SHTS