Rockland County
Ed Day, Rockland County Executive

DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION
Dr. Robert L. Yeager Health Center
50 Sanatorium Rd, Building A
Pomona, New York 10970
Phone: (845) 364-3820   Fax: (845) 364-3809
Email: purchasing@co.rockland.ny.us

Paul Brennan, FNIGP, CPPO
Director of Purchasing

ADDENDUM # 9

CAPITAL PROJECT 3414:
CONSTRUCTION OF NEW HIGHWAY FACILITY

The information in this addendum supersedes any contradictory information set forth in the contract documents. Acknowledge receipt of this addendum in the space provided on the signature page of the bid proposal. Failure to do so, may subject the bidder to disqualification. This addendum forms a part of the contract documents.

This is a reissue of Drawings 0.01.003 to 0.01.602 Part 1. In this addendum are Dwg 0.01.003, Dwg 0.01.004, Dwg 0.01.101, Dwg 0.01.102, Dwg 0.01.102A, Dwg 0.01.103, Dwg 0.01.201. These drawings are being reposted to correct a formatting problem that hindered printing. They are being uploaded as a separate attachment.
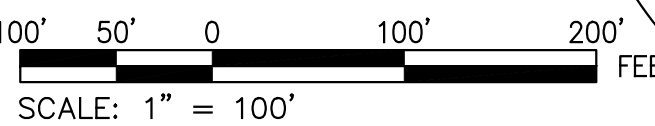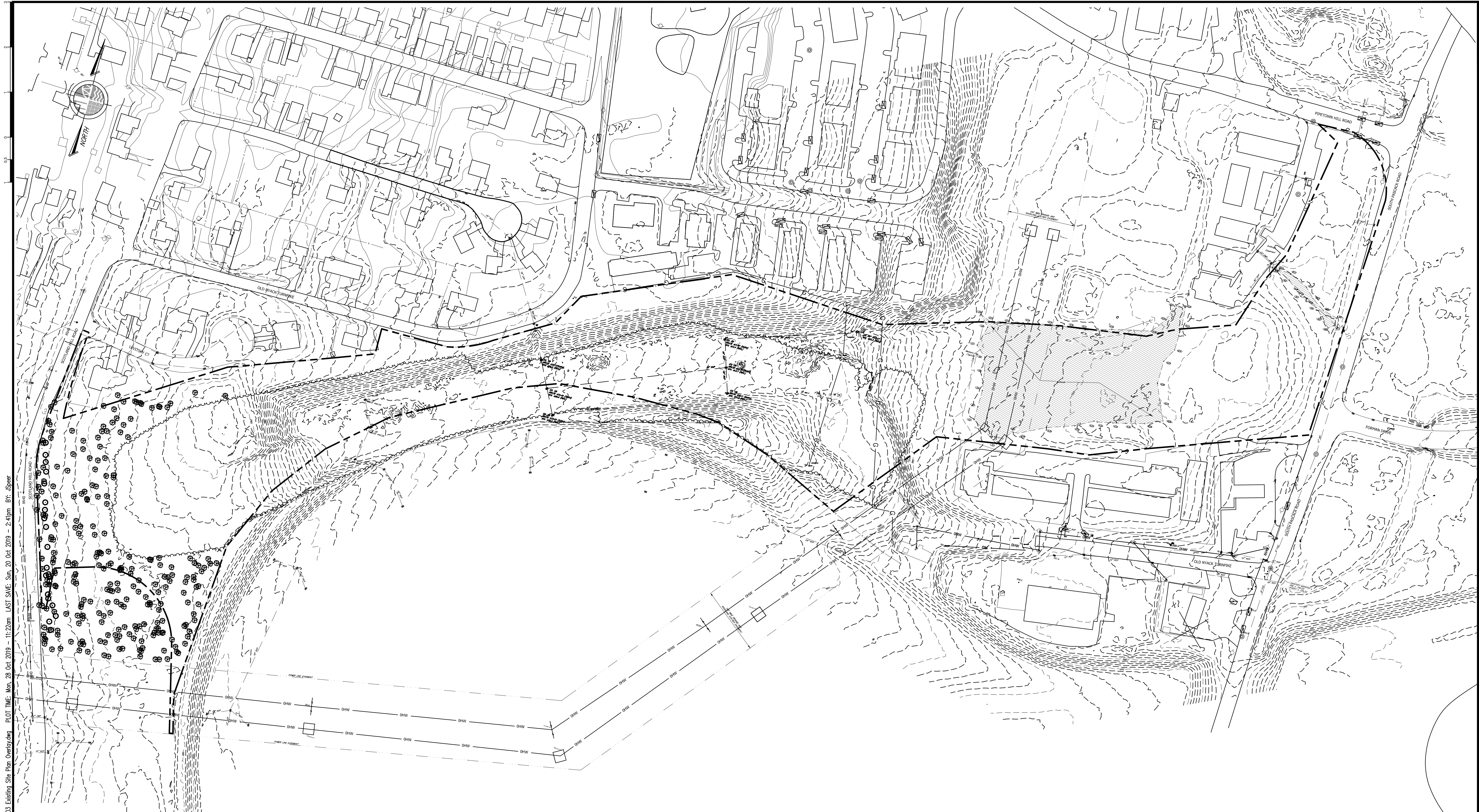
SIGNED:

Paul J. Brennan

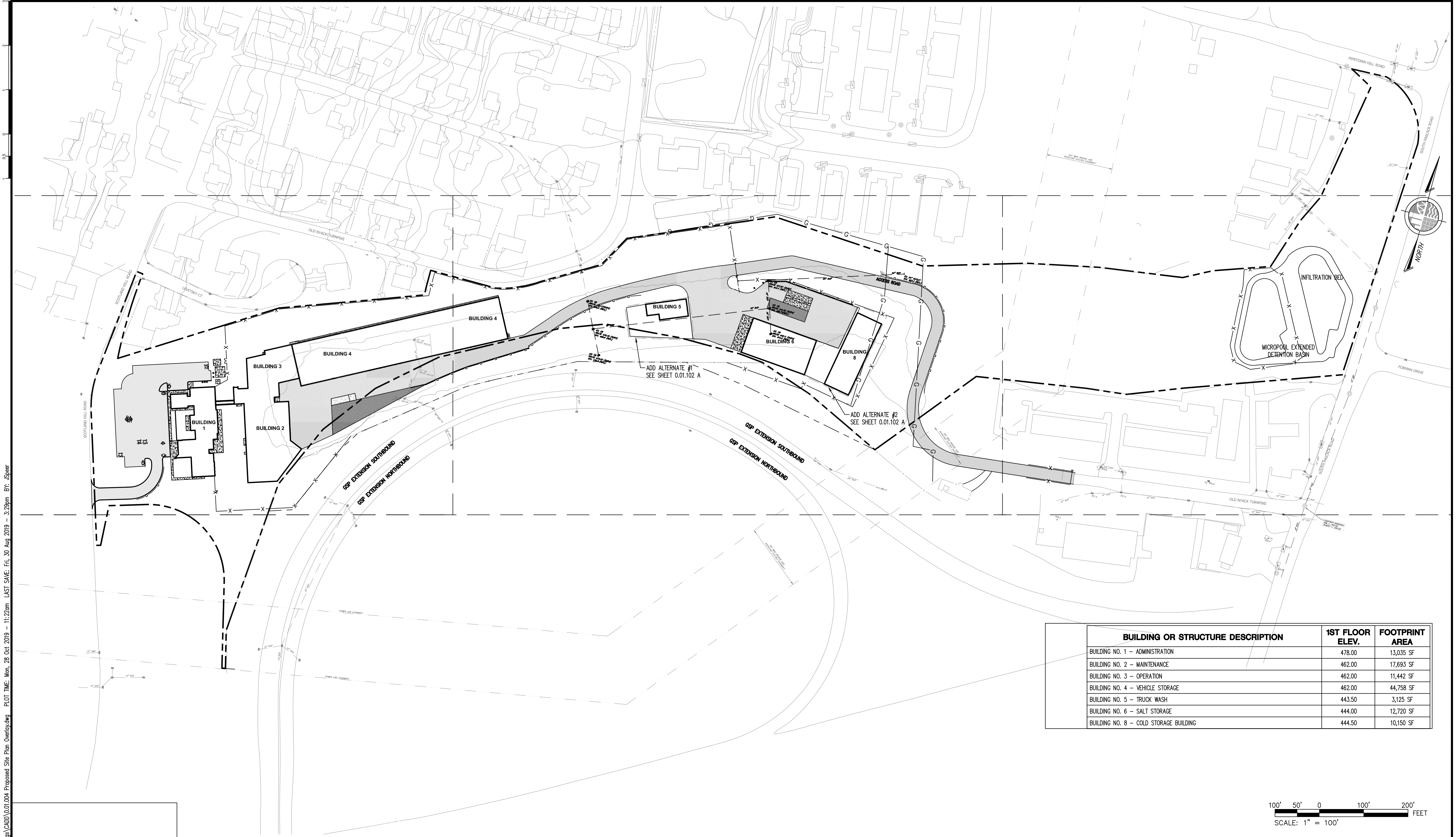**PAUL J. BRENNAN, FNIGP, CPPO**
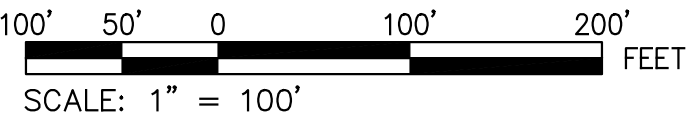**DIRECTOR OF PURCHASING**

ADDENDUM

12/11/19

NORTH

FILE NAME: P:\Proj\130\130439\10_Dwgs\CAD\V0.01.003 Existing Site Plan Overlay.dwg   PLOT TIME: Mon, 28 Oct 2019 - 11:22am   LAST SAVE: Sun, 20 Oct 2019 - 2:41pm   BY: JSpeer

100' 50' 0   100'   200'
SCALE: 1" = 100'   FEET

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(212) 777-4400 FAX: (212) 473-2780
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Gannett Fleming

LANDSCAPE ARCHITECT

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(914) 232-6200

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: 201.775.6000 F: 201.746.8522 www.mgmclaren.com

SEAL
STATE OF NEW YORK

SHEET NAME

EXISTING PLAN
OVERVIEW

ISSUED FOR

BID SET

PROJECT NO.	130439
SCALE	AS NOTED
DATE	OCTOBER 30, 2019
DRAWN BY	ORR
CHECKED BY	JMS
APPROVED BY	

DRAWING NO.
0.01.003

4 OF 377 SHTS

No.	DATE	REVISION	BY

NORTH

INFILTRATION BED

MICROPOOL EXTENDED DETENTION BASIN

BUILDING 4

BUILDING 5

BUILDING 6

BUILDING 8

BUILDING 3

BUILDING 4

BUILDING 2

BUILDING 1

ADD ALTERNATE #1
SEE SHEET 0.01.102 A

ADD ALTERNATE #2
SEE SHEET 0.01.102 A

ACCESS ROAD

GSP EXTENSION SOUTHBOUND

GSP EXTENSION NORTHBOUND

GSP EXTENSION SOUTHBOUND

GSP EXTENSION NORTHBOUND

OLD NYACK TURNPIKE

OLD NYACK TURNPIKE

SCOTLAND HILL ROAD

LINDSAY CT

SOUTH MOUNTAIN ROAD

FOREMAN DRIVE

FORETOWN HILL ROAD

BUILDING OR STRUCTURE DESCRIPTION	1ST FLOOR ELEV.	FOOTPRINT AREA
BUILDING NO. 1 – ADMINISTRATION	478.00	13,035 SF
BUILDING NO. 2 – MAINTENANCE	462.00	17,693 SF
BUILDING NO. 3 – OPERATION	462.00	11,442 SF
BUILDING NO. 4 – VEHICLE STORAGE	462.00	44,758 SF
BUILDING NO. 5 – TRUCK WASH	443.50	3,125 SF
BUILDING NO. 6 – SALT STORAGE	444.00	12,720 SF
BUILDING NO. 8 – COLD STORAGE BUILDING	444.50	10,150 SF

100' 50' 0 100' 200'
SCALE: 1" = 100'   FEET

FILE NAME: P:\Proj\130\130439\10_Dwgs\CAD\0.01.004 Proposed Site Plan Overlay.dwg   PLOT TIME: Mon, 28 Oct 2019 - 11:22am   LAST SAVE: Fri, 30 Aug 2019 - 3:29pm   BY: JSpeer

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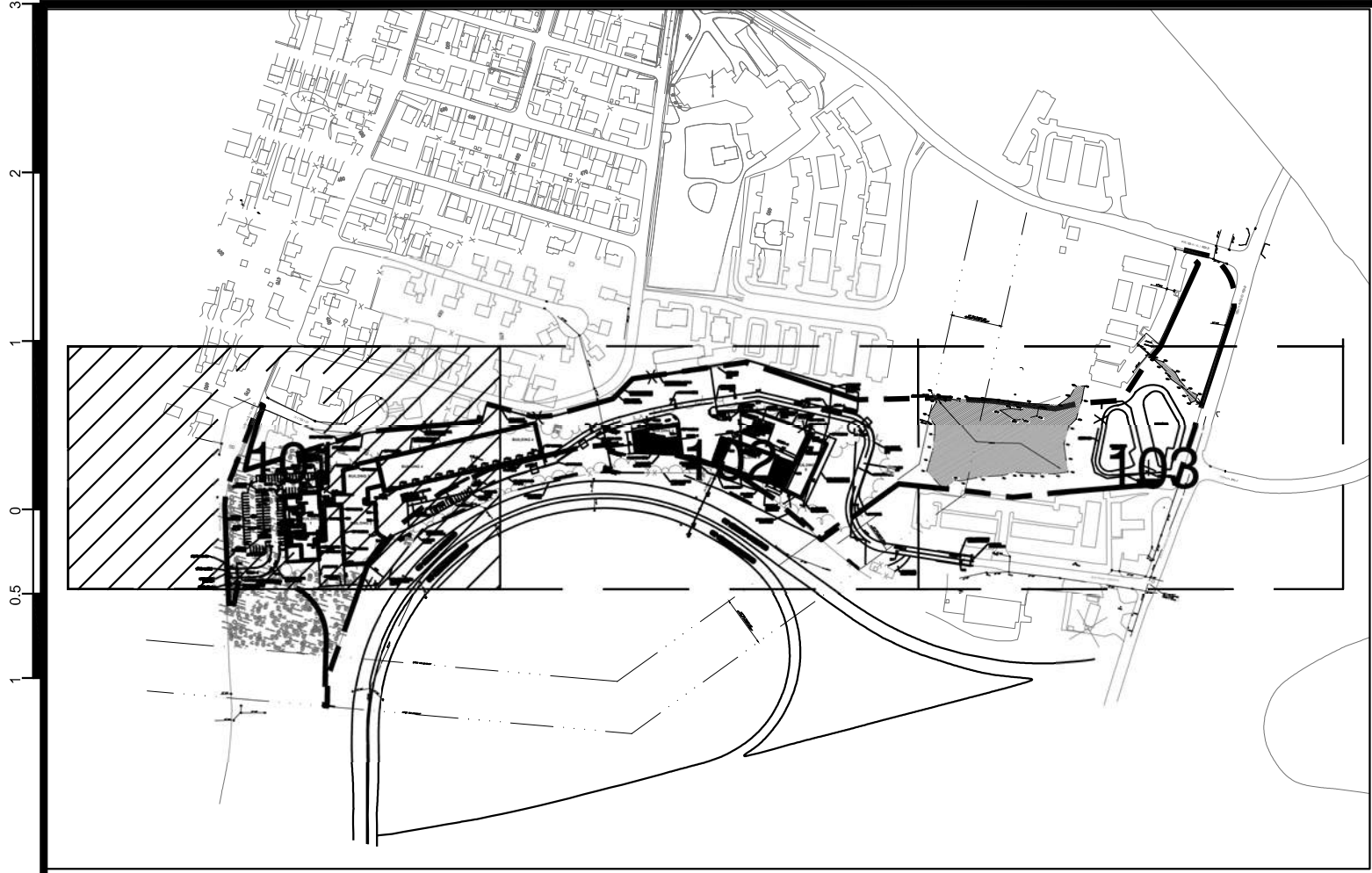
SHEET NAME
PROPOSED SITE
PLAN OVERLAY

PROJECT NO.   130439
SCALE   AS NOTED
DATE   OCTOBER 30, 2019
DRAWN BY   ORR
CHECKED BY   JMS
APPROVED BY

ISSUED FOR
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DRAWING NO.
0.01.004

5 OF 377 SHTS

No.	DATE	REVISION	BY

LEGEND

�	PAVEMENT – A (LIGHT DUTY)
	PAVEMENT – B (HEAVY DUTY)
	CONCRETE SIDEWALK/RAMP/DOOR PADS
––––	PROPERTY LINE
	CONCRETE CURB
	DEPRESSED CONCRETE CURB
▬	PROPOSED 12" STOP BAR
□—□	PROPOSED GUIDERAIL
—X—	PROPOSED CHAINLINK FENCE
■■	POLE MOUNT DOUBLE LUMINAIRES
●■	POLE MOUNT SINGLE LUMINAIRES
■	WALL MOUNT LUMINAIRES

LUMINAIRE SCHEDULE

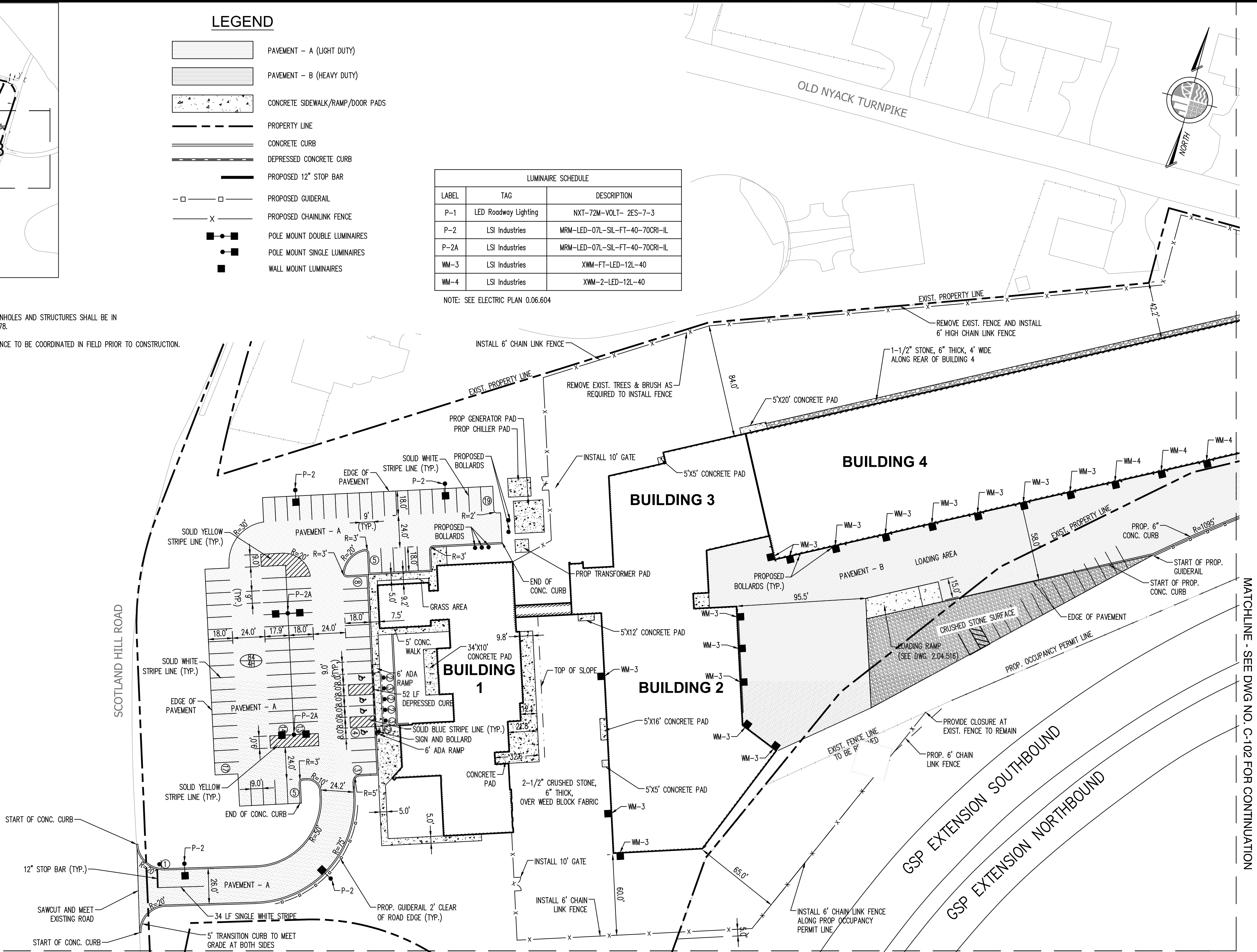| LABEL	TAG	DESCRIPTION
P–1	LED Roadway Lighting	NXT–72M–VOLT– 2ES–7–3
P–2	LSI Industries	MRM–LED–07L–SIL–FT–40–70CRI–IL
P–2A	LSI Industries	MRM–LED–07L–SIL–FT–40–70CRI–IL
WM–3	LSI Industries	XWM–FT–LED–12L–40
WM–4	LSI Industries	XWM–2–LED–12L–40

NOTE: SEE ELECTRIC PLAN 0.06.604

GENERAL CONSTRUCTION AND UTILITY NOTES:

1. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT SIZE, LOCATION, DEPTH AND INVERT OF ALL EXISTING UTILITIES WITH THE LIMITS OF WORK PRIOR TO COMMENCING AND EXCAVATIONS OR OPERATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.

2. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS PRIOR TO THE START OF HIS OPERATIONS AND SHALL COMPLY WITH THE LATEST INDUSTRIAL CODE 53 REGULATIONS.

3. EXCEPT WHERE NOTED ON THE DRAWINGS, THE CONTRACTOR SHALL REMOVE ALL EXISTING UTILITIES WITHIN THE WORK AREA.

4. ALL EXISTING STOCKPILES OF GRAVEL, ASPHALT MILLINGS, ETC. ON THE PROJECT SITE AT THE TIME OF START OF CONSTRUCTION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND CAN BE USED FOR THE PROPOSED CONSTRUCTION. IN THE EVENT THIS MATERIAL IS NOT NEEDED FOR SITE FILL, IT SHALL BE DISPOSED OFFSITE.

5. ALL EXISTING GUIDE RAIL, TRASH AND DEBRIS WITHIN THE LIMIT OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OFFSITE IN A LEGAL MANNER.

6. THE CONTRACTOR SHALL SEE THE MECHANICAL AND PLUMBING PLANS FOR THE EXACT LOCATION AND INVERTS OF ALL BUILDING SERVICE CONNECTIONS.

7. THE CONTRACTOR SHALL INSTALL ALL UTILITY SERVICES TO FIVE (5) FEET OUTSIDE OF THE EXTERIOR FACE OF THE BUILDING WALL.

8. ALL UTILITY STRUCTURE CASTINGS SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH THE PROPOSED FINISHED GRADE.

9. ALL STORM DRAIN AND SANITARY SERVICE CONNECTIONS SHALL BE CONSTRUCTED OF EXTRA HEAVY CAST IRON PIPE, DUCTILE IRON PIPE (CL56) OR PVC DRAIN WASTE VENT PIPE AND FITTINGS CONFORMING TO ASTM DS665.

10. ALL PRECAST CONCRETE MANHOLES AND STRUCTURES SHALL BE IN ACCORDANCE WITH ASTM C478.

11. LOCATION OF CHAIN LINK FENCE TO BE COORDINATED IN FIELD PRIOR TO CONSTRUCTION.

SIGN TABLE

LEGEND	MUTCD NO.	SIZE	TEXT
①	R1–1	30" x 30"	STOP
②	R7–8	12" x 18"	RESERVED PARKING (SYMBOL)
③	NYP1–7	12" x 6"	NO STOPPING ANY TIME

NOTES:

1. ALL SIGNS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD) AND NYS SUPPLEMENT TO NATIONAL MUTCD FOR STREETS AND HIGHWAY LATEST EDITIONS.
2. ALL SIGN BRACES SHALL MEET THE NYSDOT DETAILS.
3. ALL SIGNS SHALL HAVE A MOUNTING HEIGHT SHALL MEET THE NYSDOT SPECIFICATIONS AND DETAILS.
4. ALL SIGNS SHALL UTILIZE MOUNTING.
5. ALL SIGNS SHALL BE REFLECTORIZED.

Drawing labels

OLD NYACK TURNPIKE
NORTH
SCOTLAND HILL ROAD
GSP EXTENSION SOUTHBOUND
GSP EXTENSION NORTHBOUND
MATCHLINE - SEE DWG NO. C-102 FOR CONTINUATION

BUILDING 1
BUILDING 2
BUILDING 3
BUILDING 4

EXIST. PROPERTY LINE
REMOVE EXIST. FENCE AND INSTALL 6' HIGH CHAIN LINK FENCE
1-1/2" STONE, 6" THICK, 4' WIDE ALONG REAR OF BUILDING 4
INSTALL 6' CHAIN FENCE
REMOVE EXIST. TREES & BRUSH AS REQUIRED TO INSTALL FENCE
5'X20' CONCRETE PAD
PROP GENERATOR PAD
PROP CHILLER PAD
INSTALL 10' GATE
5'X5' CONCRETE PAD
PROP TRANSFORMER PAD
PROPOSED BOLLARDS
EDGE OF PAVEMENT
SOLID WHITE STRIPE LINE (TYP.)
SOLID YELLOW STRIPE LINE (TYP.)
PAVEMENT – A
PAVEMENT – B
LOADING AREA
PROP. 6" CONC. CURB
START OF PROP. GUIDERAIL
START OF PROP. CONC. CURB
PROP. OCCUPANCY PERMIT LINE
CRUSHED STONE SURFACE
LOADING RAMP (SEE DWG. 2.04.516)
EDGE OF PAVEMENT
END OF CONC. CURB
34'X10' CONCRETE PAD
5' CONC. WALK
6' ADA RAMP
52 LF DEPRESSED CURB
GRASS AREA
5'X12' CONCRETE PAD
TOP OF SLOPE
SOLID BLUE STRIPE LINE (TYP.)
SIGN AND BOLLARD
6' ADA RAMP
SOLID YELLOW STRIPE LINE (TYP.)
END OF CONC. CURB
CONCRETE PAD
2-1/2" CRUSHED STONE, 6" THICK, OVER WEED BLOCK FABRIC
5'X16' CONCRETE PAD
5'X5' CONCRETE PAD
PROVIDE CLOSURE AT EXIST. FENCE TO REMAIN
EXIST. FENCE LINE TO BE REMOVED
PROP. 6' CHAIN LINK FENCE
INSTALL 10' GATE
INSTALL 6' CHAIN LINK FENCE
INSTALL 6' CHAIN LINK FENCE ALONG PROP OCCUPANCY PERMIT LINE
START OF CONC. CURB
12" STOP BAR (TYP.)
SAWCUT AND MEET EXISTING ROAD
34 LF SINGLE WHITE STRIPE
PROP. GUIDERAIL 2' CLEAR OF ROAD EDGE (TYP.)
5' TRANSITION CURB TO MEET GRADE AT BOTH SIDES
START OF CONC. CURB
EDGE OF PAVEMENT

SCALE: 1" = 40'
40' 20' 0 40' 80' FEET

Title Block

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

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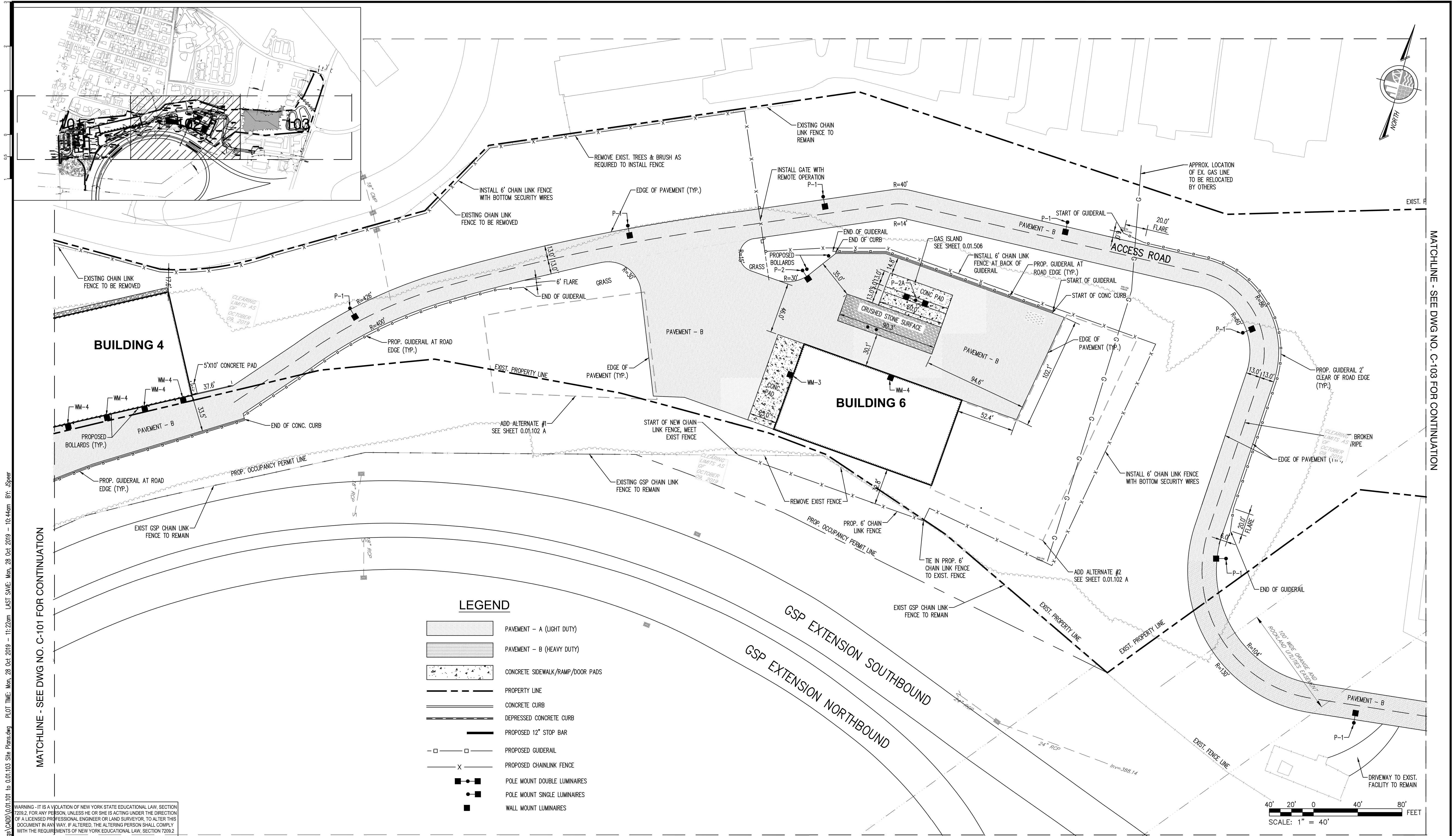
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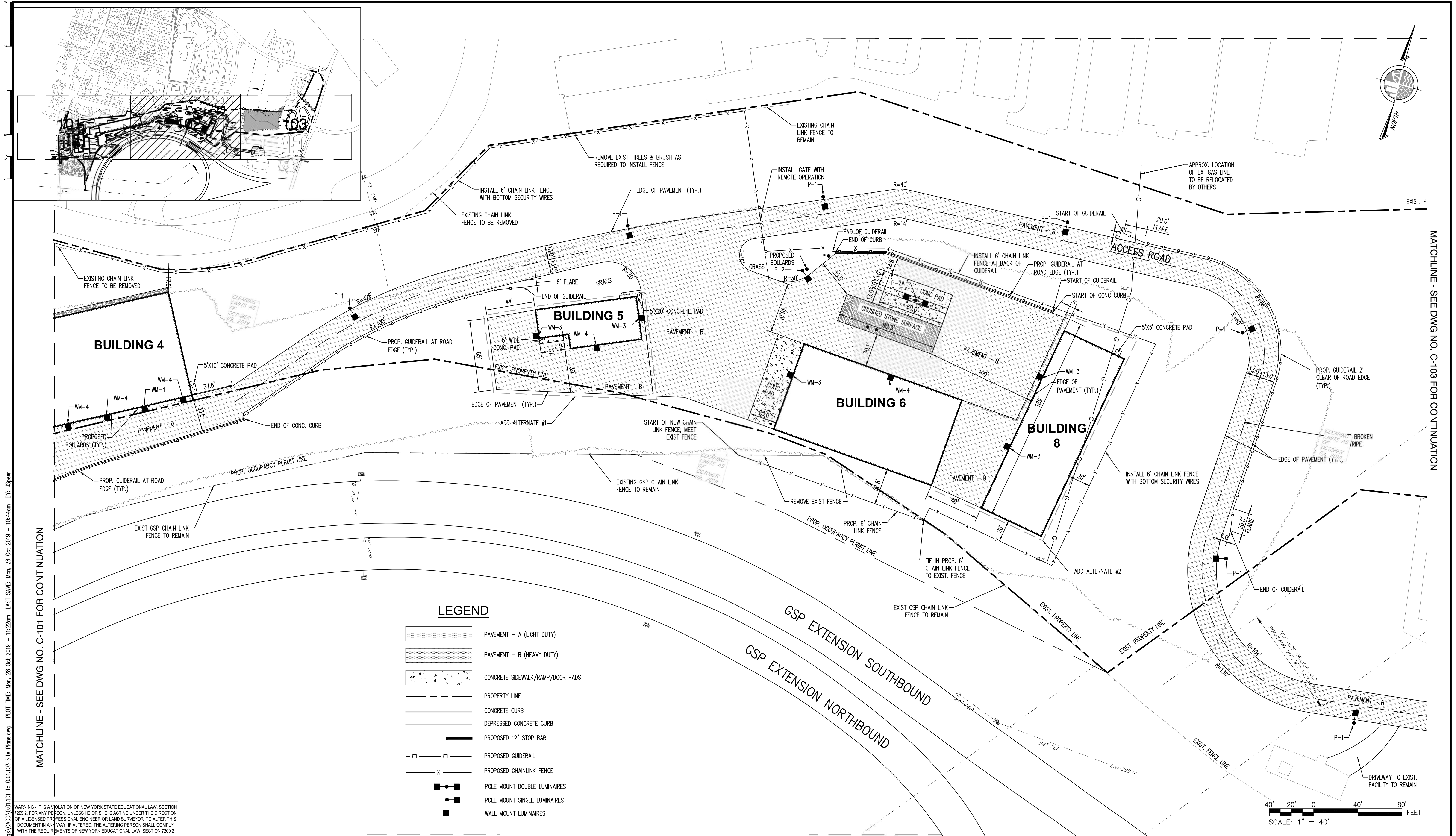STATE OF NEW YORK
101180

SHEET NAME
SITE PLAN
(SHEET 1 OF 4)

ISSUED FOR
BID SET

PROJECT NO. 130439
SCALE: AS NOTED
DATE: OCTOBER 30, 2019
DRAWN BY: ORR
CHECKED BY: JMS
APPROVED BY:

DRAWING NO.
0.01.101

6 OF 377 SHTS

BUILDING 4

BUILDING 6

ACCESS ROAD

GSP EXTENSION SOUTHBOUND

GSP EXTENSION NORTHBOUND

Annotations / Callouts

- EXISTING CHAIN LINK FENCE TO REMAIN
- REMOVE EXIST. TREES & BRUSH AS REQUIRED TO INSTALL FENCE
- INSTALL GATE WITH REMOTE OPERATION
- APPROX. LOCATION OF EX. GAS LINE TO BE RELOCATED BY OTHERS
- EXIST. R
- INSTALL 6' CHAIN LINK FENCE WITH BOTTOM SECURITY WIRES
- EXISTING CHAIN LINK FENCE TO BE REMOVED
- EDGE OF PAVEMENT (TYP.)
- END OF GUIDERAIL
- END OF CURB
- GAS ISLAND SEE SHEET 0.01.506
- INSTALL 6' CHAIN LINK FENCE AT BACK OF GUIDERAIL
- PROP. GUIDERAIL AT ROAD EDGE (TYP.)
- START OF GUIDERAIL
- 20.0' FLARE
- R=40'
- R=14'
- PAVEMENT - B
- START OF GUIDERAIL
- R=45'
- PROPOSED BOLLARDS
- GRASS
- CONC PAD
- START OF CONC CURB
- EXISTING CHAIN LINK FENCE TO BE REMOVED
- 6' FLARE
- GRASS
- END OF GUIDERAIL
- CRUSHED STONE SURFACE
- 90.3'
- PAVEMENT - B
- PROP. GUIDERAIL 2' CLEAR OF ROAD EDGE (TYP.)
- PROP. GUIDERAIL AT ROAD EDGE (TYP.)
- EDGE OF PAVEMENT (TYP.)
- EDGE OF PAVEMENT (TYP.)
- EDGE OF PAVEMENT (TYP.)
- 5'X10' CONCRETE PAD
- PAVEMENT - B
- BROKEN STRIPE
- WM-4
- END OF CONC. CURB
- ADD ALTERNATE #1 SEE SHEET 0.01.102 A
- START OF NEW CHAIN LINK FENCE, MEET EXIST FENCE
- WM-3
- WM-4
- CONC ROAD
- PROPOSED BOLLARDS (TYP.)
- PROP. GUIDERAIL AT ROAD EDGE (TYP.)
- PROP. OCCUPANCY PERMIT LINE
- EXIST. PROPERTY LINE
- EXISTING GSP CHAIN LINK FENCE TO REMAIN
- REMOVE EXIST FENCE
- PROP. 6' CHAIN LINK FENCE
- INSTALL 6' CHAIN LINK FENCE WITH BOTTOM SECURITY WIRES
- EXIST GSP CHAIN LINK FENCE TO REMAIN
- PROP. OCCUPANCY PERMIT LINE
- TIE IN PROP. 6' CHAIN LINK FENCE TO EXIST. FENCE
- ADD ALTERNATE #2 SEE SHEET 0.01.102 A
- EXIST GSP CHAIN LINK FENCE TO REMAIN
- EXIST. PROPERTY LINE
- EXIST. PROPERTY LINE
- END OF GUIDERAIL
- R=104'
- R=130'
- 20.0' FLARE
- 13.0' 13.0'
- PAVEMENT - B
- 24" RCP
- Inv.=358.14
- 100 WIDE ORANGE AND ROCKLAND UTILITIES EASEMENT
- EXIST. FENCE LINE
- DRIVEWAY TO EXIST. FACILITY TO REMAIN
- 18" CMP
- 18" RCP

LEGEND

	PAVEMENT - A (LIGHT DUTY)
	PAVEMENT - B (HEAVY DUTY)
	CONCRETE SIDEWALK/RAMP/DOOR PADS
	PROPERTY LINE
	CONCRETE CURB
	DEPRESSED CONCRETE CURB
	PROPOSED 12" STOP BAR
	PROPOSED GUIDERAIL
	PROPOSED CHAINLINK FENCE
	POLE MOUNT DOUBLE LUMINAIRES
	POLE MOUNT SINGLE LUMINAIRES
	WALL MOUNT LUMINAIRES

40' 20' 0 40' 80' FEET
SCALE: 1" = 40'
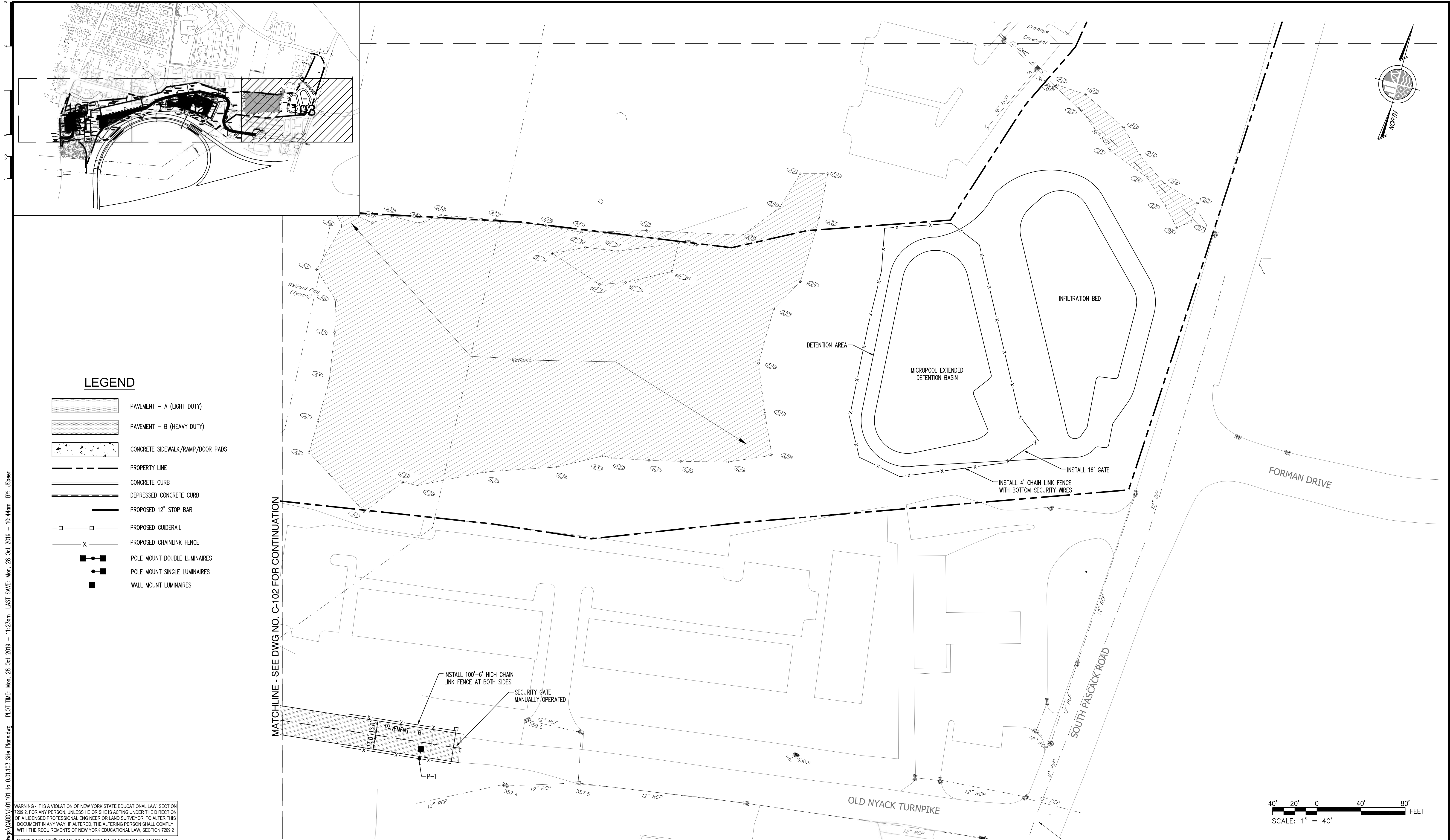
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SEAL
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SHEET NAME
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(SHEET 2 OF 4)

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CHECKED BY JMS
APPROVED BY

DRAWING NO.
0.01.102

7 OF 377 SHTS

NORTH

MATCHLINE - SEE DWG NO. C-103 FOR CONTINUATION

MATCHLINE - SEE DWG NO. C-101 FOR CONTINUATION

EXISTING CHAIN LINK FENCE TO REMAIN

REMOVE EXIST. TREES & BRUSH AS REQUIRED TO INSTALL FENCE

INSTALL GATE WITH REMOTE OPERATION

APPROX. LOCATION OF EX. GAS LINE TO BE RELOCATED BY OTHERS

EXIST. R

INSTALL 6' CHAIN LINK FENCE WITH BOTTOM SECURITY WIRES

EXISTING CHAIN LINK FENCE TO BE REMOVED

EDGE OF PAVEMENT (TYP.)

R=40'

START OF GUIDERAIL

ACCESS ROAD

PAVEMENT – B

20.0' FLARE

R=14'

END OF GUIDERAIL

END OF CURB

EXISTING CHAIN LINK FENCE TO BE REMOVED

PROPOSED BOLLARDS

INSTALL 6' CHAIN LINK FENCE AT BACK OF GUIDERAIL

PROP. GUIDERAIL AT ROAD EDGE (TYP.)

START OF GUIDERAIL

BUILDING 4

5'X10' CONCRETE PAD

PROP. GUIDERAIL AT ROAD EDGE (TYP.)

6' FLARE GRASS

END OF GUIDERAIL

BUILDING 5

5'X20' CONCRETE PAD

PAVEMENT – B

GRASS

CONC PAD

CRUSHED STONE SURFACE

PAVEMENT – B

START OF CONC CURB

5'X5' CONCRETE PAD

PROP. GUIDERAIL 2' CLEAR OF ROAD EDGE (TYP.)

BROKEN STRIPE

WM-3

5' WIDE CONC. PAD

WM-4   WM-3

EXIST. PROPERTY LINE

EDGE OF PAVEMENT (TYP.)

PAVEMENT – B

WM-4

WM-3

BUILDING 6

WM-4

EDGE OF PAVEMENT (TYP.)

BUILDING 8

WM-3

INSTALL 6' CHAIN LINK FENCE WITH BOTTOM SECURITY WIRES

WM-4   WM-4

PAVEMENT – B

END OF CONC. CURB

PROPOSED BOLLARDS (TYP.)

PROP. GUIDERAIL AT ROAD EDGE (TYP.)

PROP. OCCUPANCY PERMIT LINE

ADD ALTERNATE #1

START OF NEW CHAIN LINK FENCE, MEET EXIST FENCE

EXISTING GSP CHAIN LINK FENCE TO REMAIN

REMOVE EXIST FENCE

PROP. 6' CHAIN LINK FENCE

PROP. OCCUPANCY PERMIT LINE

PAVEMENT – B

ADD ALTERNATE #2

EXIST. PROPERTY LINE

EXIST. PROPERTY LINE

EXIST GSP CHAIN LINK FENCE TO REMAIN

TIE IN PROP. 6' CHAIN LINK FENCE TO EXIST. FENCE

EXIST GSP CHAIN LINK FENCE TO REMAIN

END OF GUIDERAIL

R=104'

R=130'

100' WIDE ORANGE AND ROCKLAND UTILITIES EASEMENT

EXIST. FENCE LINE

20.0' FLARE

DRIVEWAY TO EXIST. FACILITY TO REMAIN

PAVEMENT – B

P-1

24" RCP

Inv=368.14

GSP EXTENSION SOUTHBOUND

GSP EXTENSION NORTHBOUND

18" RCP

18" RCP

LEGEND

	PAVEMENT – A (LIGHT DUTY)
	PAVEMENT – B (HEAVY DUTY)
	CONCRETE SIDEWALK/RAMP/DOOR PADS
	PROPERTY LINE
	CONCRETE CURB
	DEPRESSED CONCRETE CURB
	PROPOSED 12" STOP BAR
	PROPOSED GUIDERAIL
X	PROPOSED CHAINLINK FENCE
	POLE MOUNT DOUBLE LUMINAIRES
	POLE MOUNT SINGLE LUMINAIRES
	WALL MOUNT LUMINAIRES

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SCALE: 1" = 40'   FEET

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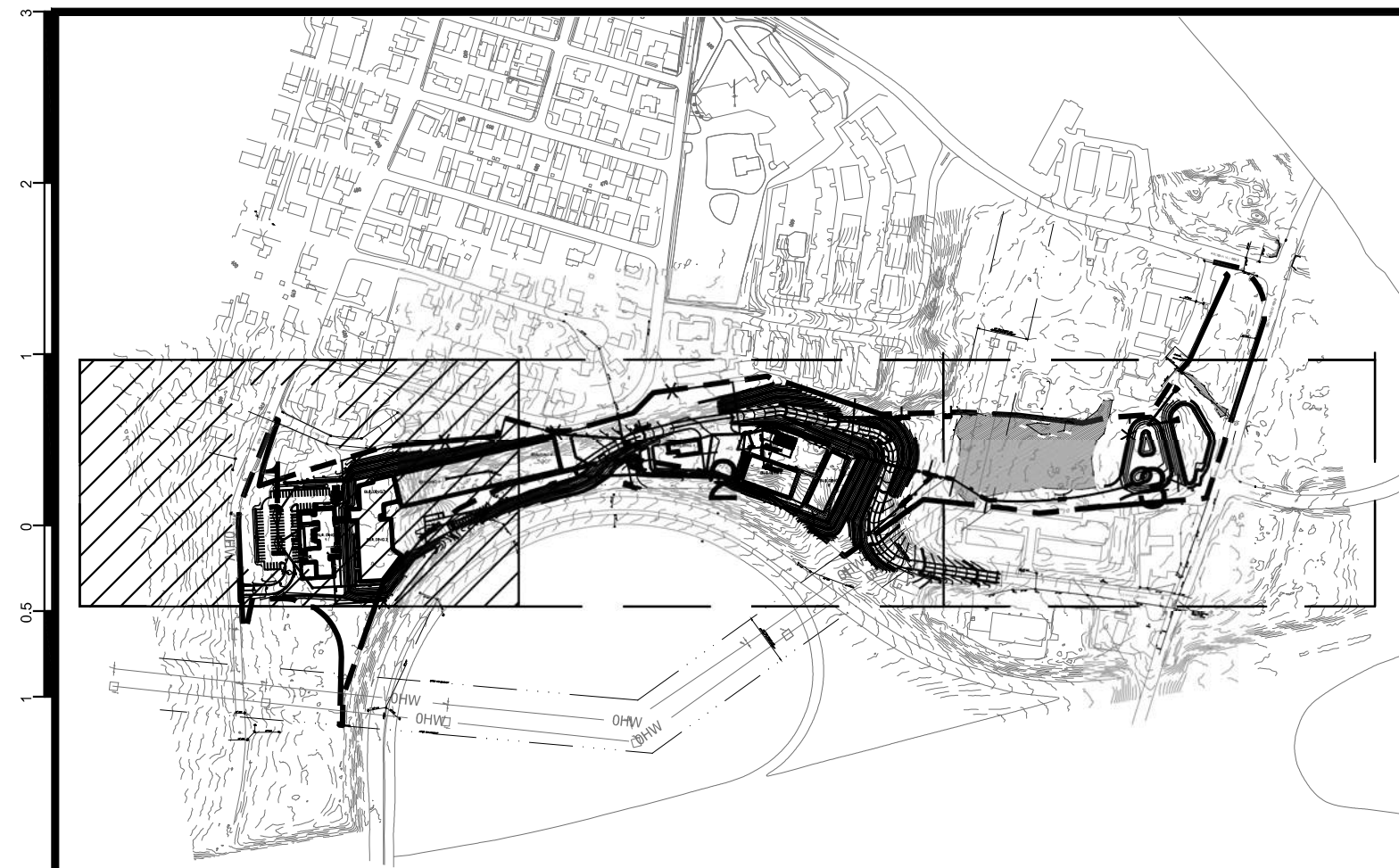
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HIGHWAY DEPARTMENT /
EMERGENCY OPERATIONS FACILITY
COUNTY OF ROCKLAND, NEW YORK

McLaren
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SEAL
STATE OF NEW YORK
101180
LICENSED PROFESSIONAL ENGINEER

SHEET NAME
SITE PLAN
(SHEET 3 OF 4)

ISSUED FOR
BID SET

PROJECT NO. 130439
SCALE AS NOTED
DATE OCTOBER 30, 2019
DRAWN BY ORR
CHECKED BY JMS
APPROVED BY

DRAWING NO.
0.01.102A

8 OF 377 SHTS

No. DATE REVISION BY

LEGEND

░░░	PAVEMENT – A (LIGHT DUTY)
▓▓▓	PAVEMENT – B (HEAVY DUTY)
▵	CONCRETE SIDEWALK/RAMP/DOOR PADS
— · · —	PROPERTY LINE
═══	CONCRETE CURB
▦▦▦	DEPRESSED CONCRETE CURB
▬▬	PROPOSED 12" STOP BAR
□—□—	PROPOSED GUIDERAIL
—×—	PROPOSED CHAINLINK FENCE
■▪■	POLE MOUNT DOUBLE LUMINAIRES
•▪	POLE MOUNT SINGLE LUMINAIRES
■	WALL MOUNT LUMINAIRES

INFILTRATION BED

DETENTION AREA

MICROPOOL EXTENDED
DETENTION BASIN

INSTALL 16' GATE

INSTALL 4' CHAIN LINK FENCE
WITH BOTTOM SECURITY WIRES

FORMAN DRIVE

SOUTH PASCACK ROAD

Wetland Flag
(Typical)

Wetlands

MATCHLINE - SEE DWG NO. C-102 FOR CONTINUATION

INSTALL 100'–6' HIGH CHAIN
LINK FENCE AT BOTH SIDES

SECURITY GATE
MANUALLY OPERATED

PAVEMENT – B

13.0' | 13.0'

P-1

12" RCP
359.6

350.9

357.4   12" RCP   357.5   12" RCP

12" RCP

OLD NYACK TURNPIKE

12" RCP

NORTH

40' 20' 0   40'   80'
SCALE: 1" = 40'   FEET

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	18	18	12	12	12	12	12	12	8	24	24	24	24	12	12	12
DOWNSTREAM PIPE — 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
DOWNSTREAM PIPE — 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	121.0	59.0	51.0	50.0
DOWNSTREAM PIPE — PIPE SLOPE (%)	0.58	0.53	0.58	0.58	0.50	0.58	10.00	10.00	0.58	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										
PIPE INVERT ELEVATIONS — IN (S)			453.17	453.78													471.02	471.15			456.12	456.72	457.28	457.87	457.30	457.35	457.74
PIPE INVERT ELEVATIONS — 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		
PIPE INVERT ELEVATIONS — IN (E)									470.64		471.12		456.32	455.72													
PIPE INVERT ELEVATIONS — 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

—— 105 ——	EXISTING MAJOR CONTOUR
————	EXISTING MINOR CONTOUR
—— 111 ——	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)
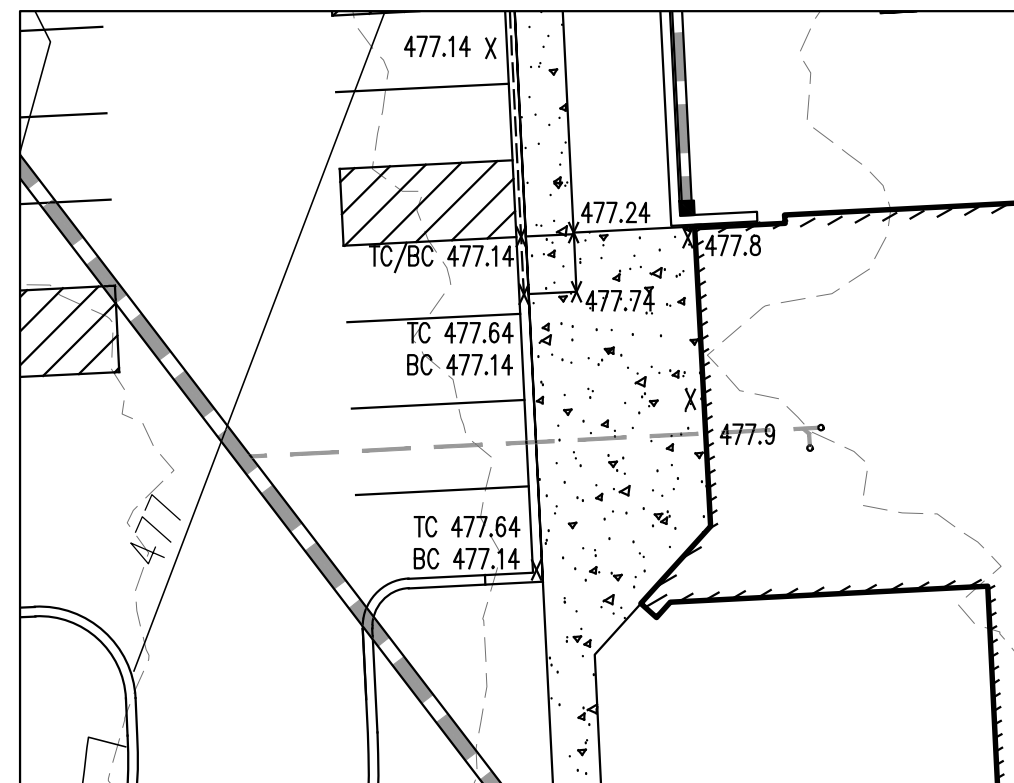
MAIN ENTRANCE GRADING DETAIL

SCOTLAND HILL ROAD

LEVITSKY CT

BUILDING 1
F.F. ELEV 478.0

BUILDING 2
F.F. ELEV 462.0

BUILDING 3
F.F. ELEV 462.0

BUILDING 4
F.F. ELEV 462.0

NORTH

SCALE: 1" = 40'
40' 20' 0 40' 80' FEET

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

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SEAL
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GRADING AND DRAINAGE PLAN
(SHEET 1 OF 4)

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10 OF 377 SHTS