

DEPARTMENT OF GENERAL SERVICES, PURCHASING DIVISION

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Paul Brennan, FNIGP, CPPO
Director of Purchasing

ADDENDUM # 10

**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 0.01.202, Dwg 0.01.202A, Dwg 0.01.203, Dwg 0.01.301, Dwg 0.01.302, Dwg 0.01.302A, Dwg 0.01.303, Dwg 0.01.400, Dwg 0.01.401, Dwg 0.01.402. These drawings are being reposted to correct a formatting problem that hindered printing. They are uploaded a separate attachment.

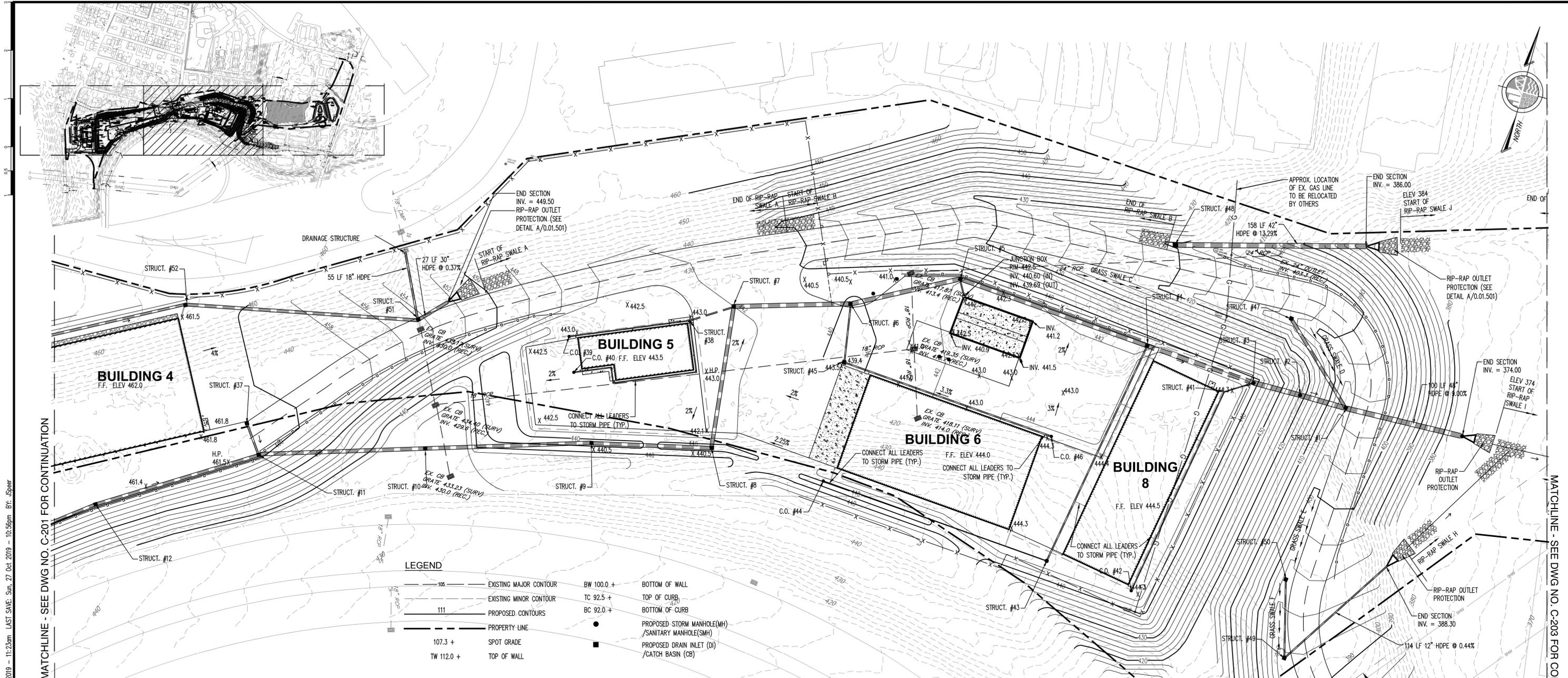
SIGNED:

Paul J. Brennan

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

ADDENDUM

12/11/19



FILE NAME: P:\Proj\1307\130439\10_Dwg\CAD\01.01.201 to 0.01.203 Grading Drainage Plans.dwg PLOT TIME: Mon, 28 Oct 2019 - 11:23am LAST SAVE: Sun, 27 Oct 2019 - 10:56pm BY: JShear

LEGEND

105	EXISTING MAJOR CONTOUR	BW 100.0 +	BOTTOM OF WALL
111	EXISTING MINOR CONTOUR	TC 92.5 +	TOP OF CURB
111	PROPOSED CONTOURS	BC 92.0 +	BOTTOM OF CURB
---	PROPERTY LINE	●	PROPOSED STORM MANHOLE(MH) / SANITARY MANHOLE(SMH)
107.3 +	SPOT GRADE	■	PROPOSED DRAIN INLET (DI) / CATCH BASIN (CB)
TW 112.0 +	TOP OF WALL		

STRUCTURE ID	1	2	3	4	5	6	7	8	9	10	11	12	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
STRUCTURE TYPE	CB	MH	MH	CB-Curb	CB-Curb	CB	CB	CB	CB	CB	CB-Curb	CB-Curb	CB-Curb	Junction	C.O.	C.O.	Junction	C.O.	MH	C.O.	CB	C.O.	CB	CB	CB	CB	CB	CB	
TOP GRATE/RIM ELEVATION	405.00	422.00	441.00	441.80	441.80	439.50	442.00	439.80	439.80	435.50	460.50	460.50	461.40	443.00	443.00	443.00	444.00	444.00	444.00	444.00	439.40	444.00	412.00	419.80	391.80	395.00	454.00	461.00	
DOWNSTREAM PIPE	PIPE SIZE (INCHES)	48	48	48	36	36	36	36	30	30	30	30	18	12	8	8	8	12	12	12	12	30	48	12	12	30	30		
	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		
	PIPE LENGTH (FEET)	100.0	39.0	41.0	93.0	165.0	93.0	97.0	119.0	101.0	137.0	137.0	141.0	28.0	38.0	101.0	157.0	26.0	185.0	195.0	197.0	48.0	181.0	87.0	158.0	114.0	65.0	27.0	193.0
PIPE INVERT ELEVATIONS	PIPE SLOPE (%)	9.00	10.00	10.00	1.77	0.50	0.53	0.51	0.54	0.50	0.49	13.37	0.52	1.68	0.45	0.44	0.44	11.54	0.41	0.04	0.12	0.69	0.51	16.09	13.29	0.44	2.92	0.37	2.24
	IN (N)	395.50									453.15														388.80				
	IN (S)			436.00	438.02		431.67	430.02							437.17			439.00										455.92	
	IN (W)	396.00	414.00	426.56	428.21	429.04	429.53	437.00	430.66	431.16	431.83	450.15	450.88		437.17			439.14									449.60	453.92	
	IN (E)																												
OUT	383.00	399.90	418.10	428.21	429.04	429.53	430.02	430.66	431.16	431.83	450.15	450.88	453.62	437.17	437.61	437.86	439.00	439.75	438.10	439.38	432.00	435.62	395.50	386.00	388.30	388.80	449.50	449.60	
SUMP ELEVATION	381.50			426.71	427.54	428.03	428.52	429.16	429.66	430.33	448.65	449.38	452.12								430.50		394.00	384.50	386.80	387.30	448.00	448.10	



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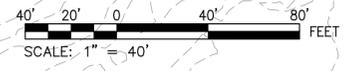
CONSULTANTS ARCHITECT STV 100 Years STV Architects, P.C. 225 Park Avenue South New York, NY 10003 (212) 777-4400 FAX: (212) 473-2780 www.stvinc.com	MEP ENGINEER OLA Consulting Engineers 60 Broadway, Hawthorne, New York 10522 914.747.2800 12 East 49th Street, 11th Fl. New York, NY 10017 646.548.1110 ola.com	FACILITIES CONSULTANT Gannett Fleming	LANDSCAPE ARCHITECT IQ Imbiano-Quigley Landscape Architects 51 Monmouth Ave., 7th Floor White Plains, New York 10606 914.232.4000	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 	SHEET NAME GRADING AND DRAINAGE PLAN (SHEET 3 OF 4)	PROJECT NO. 130439 SCALE AS NOTED DATE OCTOBER 30, 2019 DRAWN BY ORR CHECKED BY JMS APPROVED BY	ISSUED FOR BID SET DRAWING NO. 0.01.202A 12 of 377 SHTS
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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)

MATCHLINE - SEE DWG NO. C-202 FOR CONTINUATION



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Gannett Fleming

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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

STATE OF NEW YORK
 ENGINEER
 M. G. McLaren

SHEET NAME

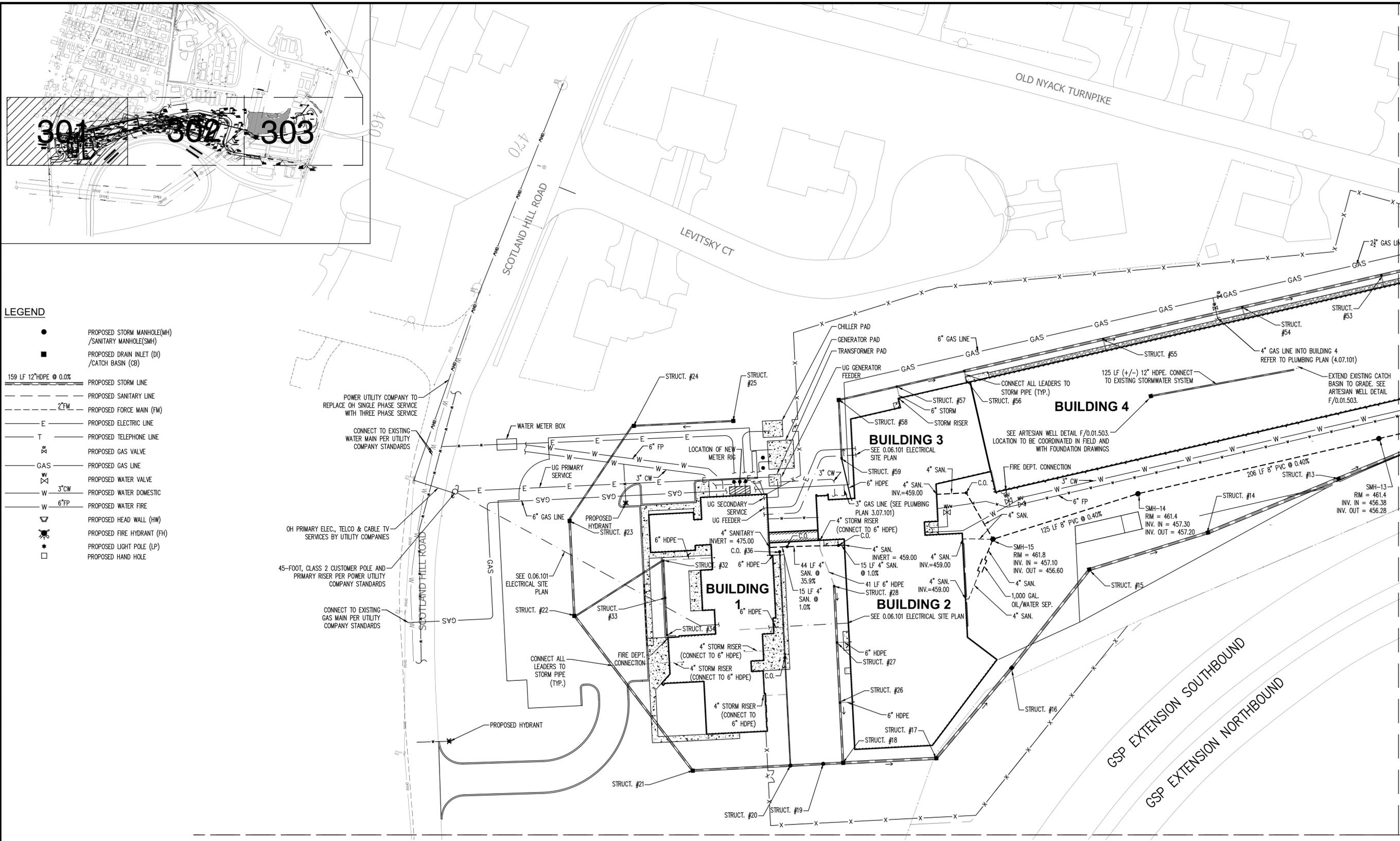
**GRADING AND DRAINAGE PLAN
 (SHEET 4 OF 4)**

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.	0.01.203
	13 of 377 SHTS

FILE NAME: P:\Proj\1304\130439\10_Dwg\CAD\01\01_201 to 0.01_203 Grading Drainage Plans.dwg PLOT TIME: Mon, 28 Oct 2019 - 11:23am LAST SAVE: Sun, 27 Oct 2019 - 10:56pm BY: JSpear

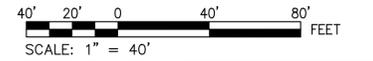


- LEGEND**
- PROPOSED STORM MANHOLE(MH) /SANITARY MANHOLE(SMH)
 - PROPOSED DRAIN INLET (DI) /CATCH BASIN (CB)
 - 159 LF 12"HDPE @ 0.0% PROPOSED STORM LINE
 - 2"FM PROPOSED SANITARY LINE
 - 2"FM PROPOSED FORCE MAIN (FM)
 - E PROPOSED ELECTRIC LINE
 - T PROPOSED TELEPHONE LINE
 - PROPOSED GAS VALVE
 - GAS PROPOSED GAS LINE
 - W PROPOSED WATER VALVE
 - 3" CW PROPOSED WATER DOMESTIC
 - 6" FP PROPOSED WATER FIRE
 - PROPOSED HEAD WALL (HW)
 - PROPOSED FIRE HYDRANT (FH)
 - PROPOSED LIGHT POLE (LP)
 - PROPOSED HAND HOLE

FILE NAME: P:\Proj\1301\130439\10_Dwg\CADD\01.301 to 01.303 Utilities Plans.dwg PLOT TIME: Mon, 28 Oct 2019 - 11:24am LAST SAVE: Mon, 28 Oct 2019 - 8:25am BY: JSpeer

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MATCHLINE - SEE DWG NO. C-302 FOR CONTINUATION

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Gannett Fleming
 FACILITIES CONSULTANT

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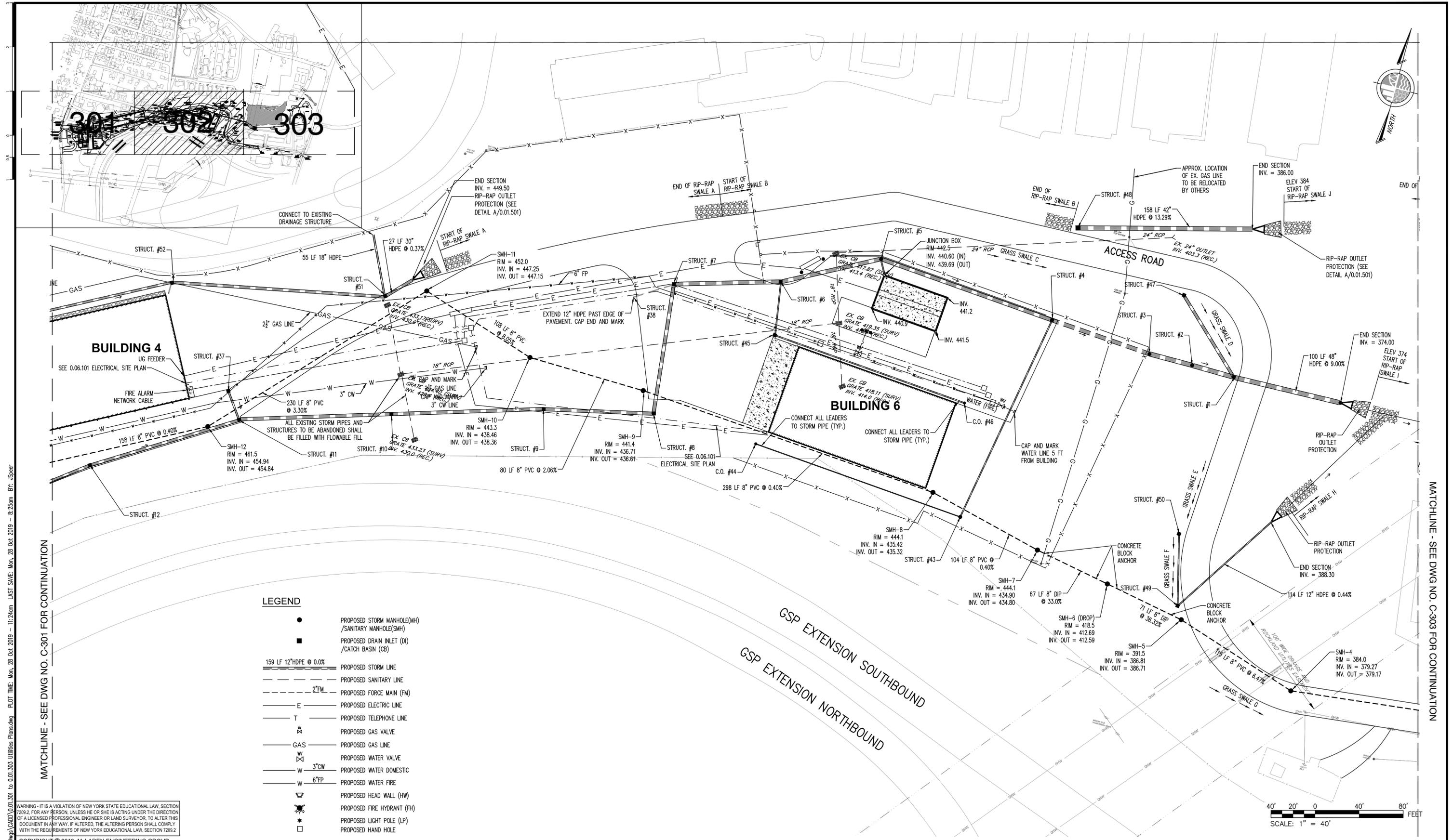
COUNTY OF ROCKLAND
 CAPITAL PROJECT NO. 1307
 HIGHWAY DEPARTMENT /
 EMERGENCY OPERATIONS FACILITY
 COUNTY OF ROCKLAND, NEW YORK

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 and Land Surveying P.C.
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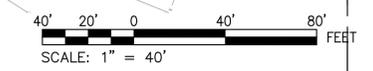
SHEET NAME
UTILITY PLAN
 (SHEET 1 OF 4)

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	0.01301
DATE	OCTOBER 30, 2019	CHECKED BY	JMS
DRAWN BY	ORR	APPROVED BY	
No. DATE REVISION BY		14 of 377 SHTS	



LEGEND

●	PROPOSED STORM MANHOLE(MH) /SANITARY MANHOLE(SMH)
■	PROPOSED DRAIN INLET (DI) /CATCH BASIN (CB)
159 LF 12" HDPE @ 0.0%	PROPOSED STORM LINE
---	PROPOSED SANITARY LINE
2" FM	PROPOSED FORCE MAIN (FM)
E	PROPOSED ELECTRIC LINE
T	PROPOSED TELEPHONE LINE
⊕	PROPOSED GAS VALVE
GAS	PROPOSED GAS LINE
W	PROPOSED WATER VALVE
W	PROPOSED WATER DOMESTIC
W	PROPOSED WATER FIRE
6" FP	PROPOSED WATER FIRE
HW	PROPOSED HEAD WALL (HW)
FH	PROPOSED FIRE HYDRANT (FH)
LP	PROPOSED LIGHT POLE (LP)
□	PROPOSED HAND HOLE



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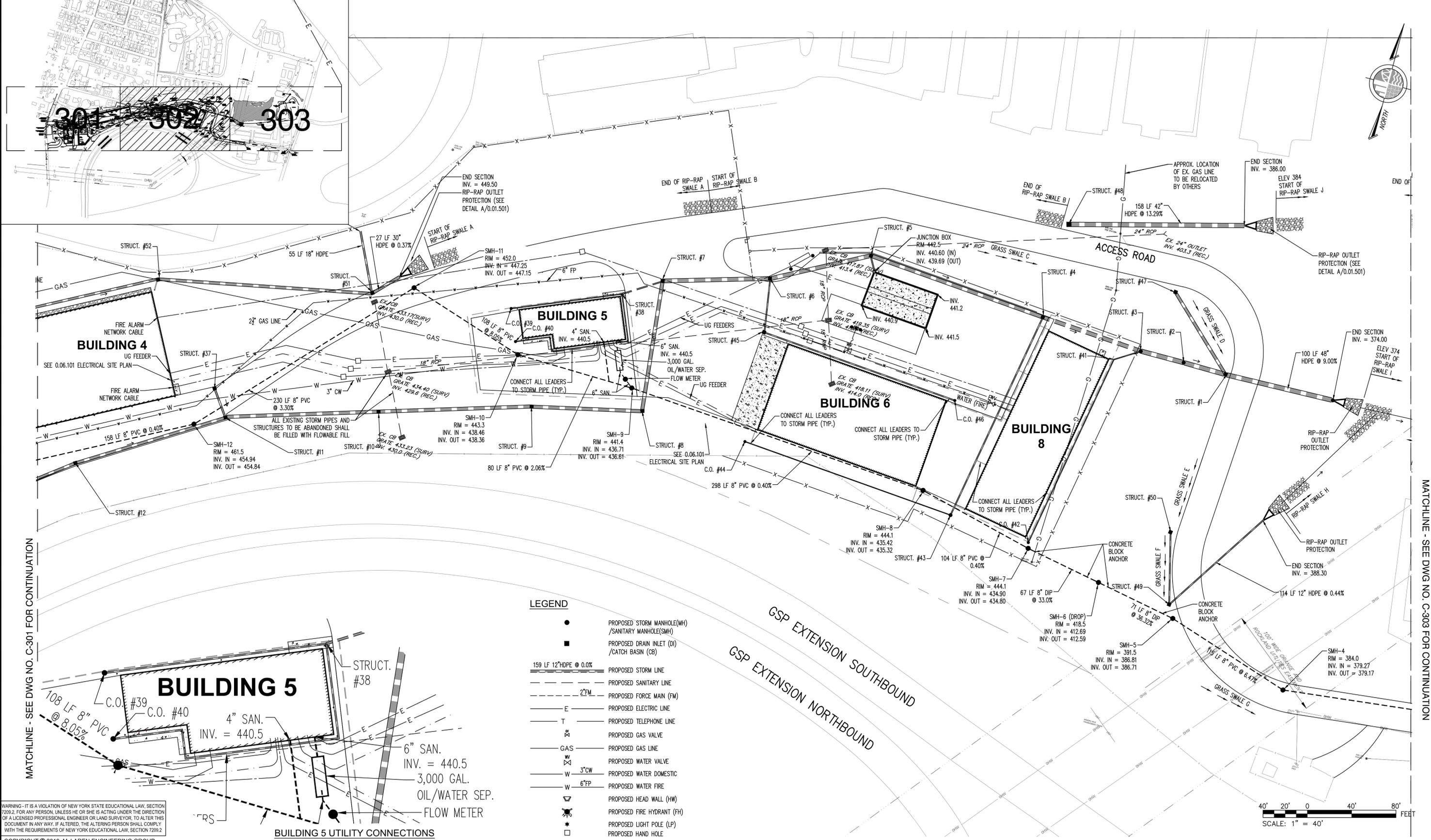
**COUNTY OF ROCKLAND
 CAPITAL PROJECT NO. 1307
 HIGHWAY DEPARTMENT /
 EMERGENCY OPERATIONS FACILITY
 COUNTY OF ROCKLAND, NEW YORK**

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**UTILITY PLAN
 (SHEET 2 OF 4)**

PROJECT NO.	130439	ISSUED FOR	BID SET
SCALE	AS NOTED	DRAWING NO.	0.01302
DATE	OCTOBER 30, 2019	CHECKED BY	JMS
DRAWN BY	ORR	APPROVED BY	
No. DATE REVISION BY		15 of 377 SHRS	



- LEGEND**
- PROPOSED STORM MANHOLE (MH) / SANITARY MANHOLE (SMH)
 - PROPOSED DRAIN INLET (DI) / CATCH BASIN (CB)
 - 159 LF 12" HDPE @ 0.0% PROPOSED STORM LINE
 - 2" FM PROPOSED FORCE MAIN (FM)
 - E PROPOSED ELECTRIC LINE
 - T PROPOSED TELEPHONE LINE
 - ⊕ PROPOSED GAS VALVE
 - GAS PROPOSED GAS LINE
 - W 3" CW PROPOSED WATER DOMESTIC
 - W 6" FP PROPOSED WATER FIRE
 - PROPOSED HEAD WALL (HW)
 - PROPOSED FIRE HYDRANT (FH)
 - ★ PROPOSED LIGHT POLE (LP)
 - PROPOSED HAND HOLE

MATCHLINE - SEE DWG NO. C-301 FOR CONTINUATION

MATCHLINE - SEE DWG NO. C-303 FOR CONTINUATION

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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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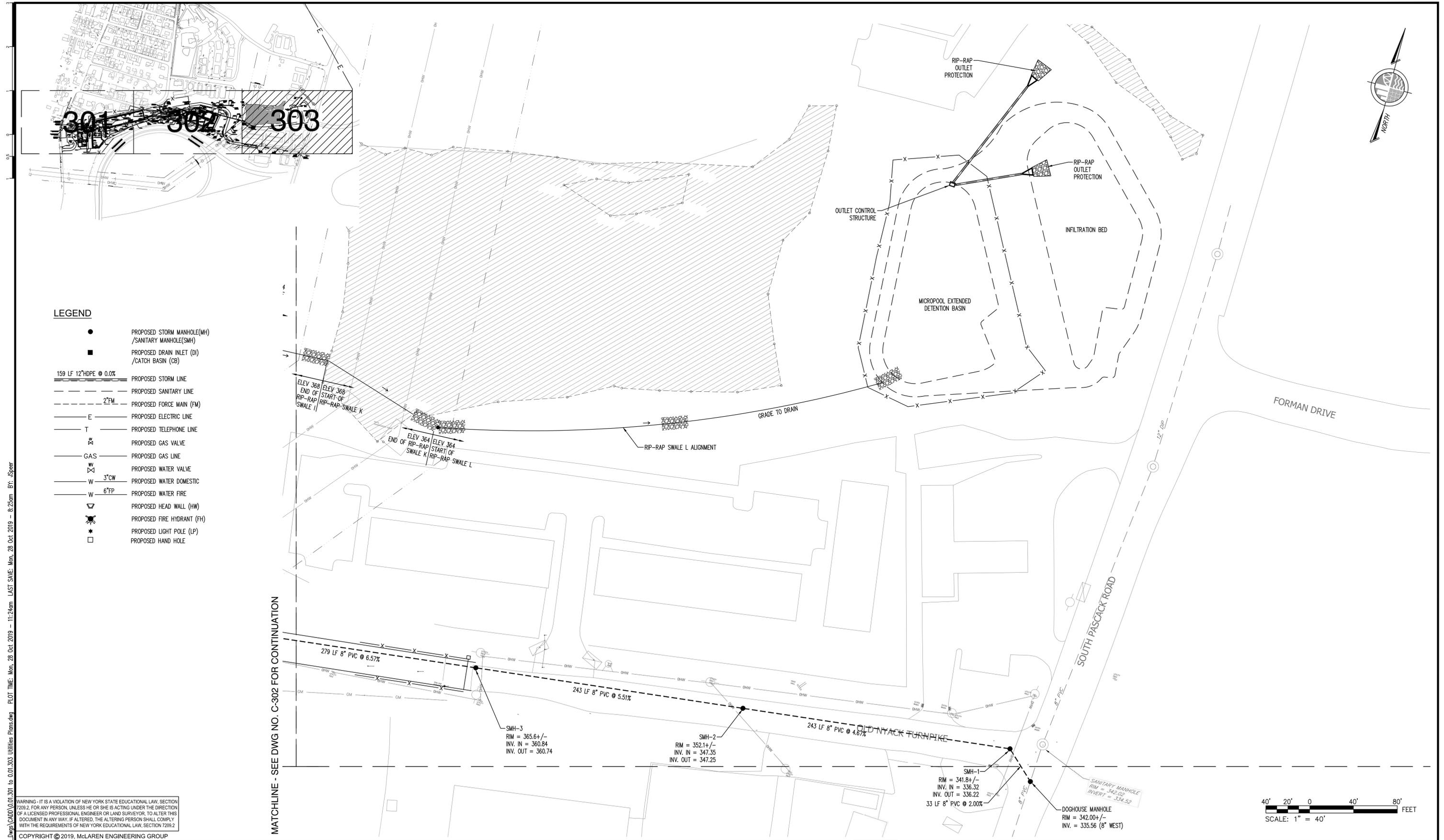
SEAL

SHEET NAME
**UTILITY PLAN
 (SHEET 3 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. **0.01.302A**
 16 of 377 SHRS





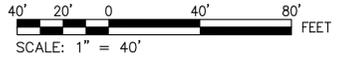
LEGEND

- PROPOSED STORM MANHOLE(MH) /SANITARY MANHOLE(SMH)
- PROPOSED DRAIN INLET (DI) /CATCH BASIN (CB)
- 159 LF 12"HDPE @ 0.0% PROPOSED STORM LINE
- PROPOSED SANITARY LINE
- 2"FM PROPOSED FORCE MAIN (FM)
- E PROPOSED ELECTRIC LINE
- T PROPOSED TELEPHONE LINE
- ⊗ PROPOSED GAS VALVE
- GAS PROPOSED GAS LINE
- ⊗ PROPOSED WATER VALVE
- 3"CW PROPOSED WATER DOMESTIC
- 6"FP PROPOSED WATER FIRE
- ▽ PROPOSED HEAD WALL (HW)
- ★ PROPOSED FIRE HYDRANT (FH)
- ★ PROPOSED LIGHT POLE (LP)
- PROPOSED HAND HOLE

MATCHLINE - SEE DWG NO. C-302 FOR CONTINUATION

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SEAL

SHEET NAME
**UTILITY PLAN
 (SHEET 4 OF 4)**

No.	DATE	REVISION	BY

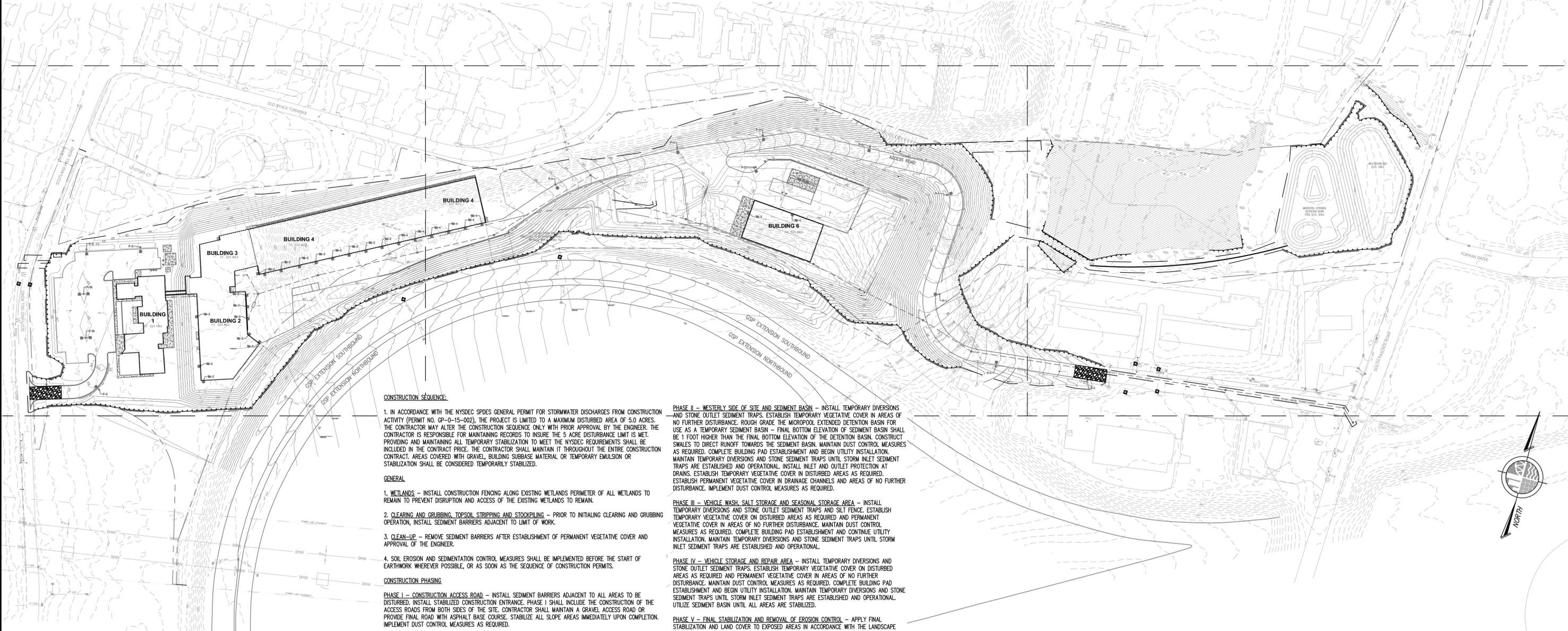
PROJECT NO. 130439	ISSUED FOR BID SET
SCALE AS NOTED	DRAWING NO.
DATE OCTOBER 30, 2019	0.01.303
DRAWN BY ORR	17 OF 377 SHTS
CHECKED BY JMS	
APPROVED BY	

FILE NAME: P:\Proj\1307\130439\10_Dwg\CAD\01\01_301 to 01_303 Utilities Plans.dwg PLOT TIME: Mon, 28 Oct 2019 - 11:24am LAST SAVE: Mon, 28 Oct 2019 - 8:25am BY: jspeer

EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED IN ACCORDANCE WITH NEW YORK STANDARDS AND SPECIFICATION FOR EROSION AND SEDIMENT CONTROL (NYSDEC, DIVISION OF WATER, NOVEMBER 2016) AND SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (PERMIT GP-0-15-002).
2. CONSTRUCTION SHALL BE SEQUENCED IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE BELOW.
3. ANY DISTURBED AREAS THAT ARE LEFT EXPOSED MORE THAN 14 DAYS, AND ARE NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL. THE SEEDING WILL BE DONE IN ACCORDANCE WITH STANDARDS, AS FOLLOWS:
 - A. FERTILIZER: FERTILIZER SHALL BE APPLIED AT THE RATE OF 14-LBS/1000 S.F. OR 600 LBS./ACRE, USING 5-10-10 OR EQUIVALENT.
 - B. SEED: ANNUAL RYEGRASS APPLIED AT THE RATE OF 30 LBS./ACRE, OR OTHER SELECT MIXTURE DESCRIBED IN THE STANDARDS.
 - C. MULCH: SMALL GRAIN STRAW MULCH APPLIED AT A RATE OF 90-LBS/1000 S.F. OR 2 TONS/ACRE, TO BE APPLIED AND ANCHORED ACCORDING TO THE STANDARDS.
4. ANY GRADED AREAS NOT SUBJECT TO FURTHER DISTURBANCE OR CONSTRUCTION TRAFFIC, WITHIN 10 DAYS OF FINAL GRADING, SHALL RECEIVE PERMANENT VEGETATIVE COVER IN COMBINATION WITH SUITABLE MULCH AS SHOWN ON THE LANDSCAPE ARCHITECTURE PLANS. IF THE LANDSCAPE PLANS DO NOT SHOW PERMANENT VEGETATIVE COVER, OR THE COVER SHOWN ON THE PLANS CANNOT BE APPLIED, THE FOLLOWING COVER SHALL BE APPLIED:
 - A. FERTILIZER: FERTILIZER APPLIED AT THE RATE OF 20-LBS/1000 S.F. USING 5-10-10 OR EQUIVALENT.
 - B. SEED MIXTURE: TO BE PLANTED BETWEEN APRIL 1 AND MAY 15, OR BETWEEN AUGUST 15 AND OCTOBER 15. SELECT MIXTURE DESCRIBED IN THE STANDARDS.
 - C. MULCH: SMALL GRAIN STRAW MULCH APPLIED AT A RATE OF 90-LBS/1000 S.F. OR 2 TONS/ACRE, TO BE APPLIED AND ANCHORED ACCORDING THE STANDARDS.
5. CUT OR FILL SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
6. PAVED ROADWAYS SHALL BE KEPT CLEAN AT ALL TIMES.
7. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

8. ALL STORM DRAINAGE OUTLETS SHALL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
9. CONSTRUCTION FENCING SHALL BE USED TO PROTECT EXISTING TREES TO REMAIN, WETLANDS AND OTHER SENSITIVE AREAS.
10. IF FOR ANY REASON THE CONSTRUCTION IS HALTED FOR PROTRACTED PERIODS, THE CONTRACTOR SHALL STABILIZE THE EXPOSED SOILS BY HYDRO-SEED OR OTHER MEANS, TO THE SATISFACTION OF THE ENGINEER, FOR ALL AREAS DENUDE OF VEGETATION.
11. STORM WATER FROM DISTURBED AREAS MUST BE PASSED THROUGH A HAY BALE BARRIER OR OTHER CONTROL DEVICE BEFORE BEING DISCHARGED BEYOND DISTURBED AREAS, OR DISCHARGED INTO INLETS, OR OTHER DRAINAGE SYSTEMS.
12. DUST CONTROL - WATER SHALL BE APPLIED BY SPRINKLER OR WATER TRUCK DURING GRADING OPERATIONS TO MINIMIZE SEDIMENT TRANSPORT AND TO MAINTAIN ACCEPTABLE AIR QUALITY CONDITIONS. REPETITIVE TREATMENTS SHALL BE DONE AS NEEDED UNTIL GRADES ARE STABILIZED.
13. THE CONTRACTOR SHALL INSPECT THE EFFECTIVENESS AND CONDITION OF EROSION CONTROL DEVICES DURING STORM EVENTS, AFTER EACH RAINFALL OF ONE-HALF (1/2) INCH MAGNITUDE OR GREATER, PRIOR TO WEEKENDS AND PRIOR TO FORECASTED STORM.
14. THE CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED EROSION CONTROL DEVICES IMMEDIATELY AND NO MORE THAN TWENTY-FOUR (24) HOURS AFTER OBSERVING SUCH DEFICIENCIES.
15. THE CONTRACTOR SHALL BE PREPARED TO IMPLEMENT INTERIM DRAINAGE CONTROLS AND EROSION CONTROL MEASURES AS MAY BE NECESSARY DURING THE COURSE OF CONSTRUCTION.
16. THE CONTRACTOR SHALL MAKE AVAILABLE ONSITE ALL EQUIPMENT, MATERIALS AND LABOR NECESSARY FOR EMERGENCY EROSION CONTROL AND DRAINAGE IMPROVEMENTS WITHIN TWENTY FOUR (24) HOURS OF ANY IMPENDING EMERGENCY SITUATION.
17. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL FINAL ACCEPTANCE OF THE SITE WORK BY THE OWNER. UPON CERTIFICATION OF FINAL ACCEPTANCE, THE OWNER WILL ASSUME RESPONSIBILITY FOR THE CONTINUED MAINTENANCE OF PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.
18. THE ROCKLAND COUNTY HIGHWAY DEPARTMENT OR THE NYSDEC OR THE SITE ENGINEER MAY REQUEST ADDITIONAL MEASURES TO MINIMIZE THE POTENTIAL ONSITE OR OFFSITE EROSION PROBLEMS THAT MAY OCCUR DURING CONSTRUCTION.
19. THE CONTRACTOR SHALL INSTALL CONSTRUCTION ENTRANCES AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ENTERS UNSTABILIZED AREAS.



CONSTRUCTION SEQUENCE:

1. IN ACCORDANCE WITH THE NYSDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY (PERMIT NO. GP-0-15-002), THE PROJECT IS LIMITED TO A MAXIMUM DISTURBED AREA OF 5.0 ACRES. THE CONTRACTOR MAY ALTER THE CONSTRUCTION SEQUENCE ONLY WITH PRIOR APPROVAL BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RECORDS TO INSURE THE 5 ACRE DISTURBANCE LIMIT IS MET. PROVIDING AND MAINTAINING ALL TEMPORARY STABILIZATION TO MEET THE NYSDEC REQUIREMENTS SHALL BE INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL MAINTAIN IT THROUGHOUT THE ENTIRE CONSTRUCTION CONTRACT. AREAS COVERED WITH GRAVEL, BUILDING SUBBASE MATERIAL OR TEMPORARY EMULSION OR STABILIZATION SHALL BE CONSIDERED TEMPORARILY STABILIZED.

GENERAL:

1. WETLANDS - INSTALL CONSTRUCTION FENCING ALONG EXISTING WETLANDS PERIMETER OF ALL WETLANDS TO REMAIN TO PREVENT DISRUPTION AND ACCESS OF THE EXISTING WETLANDS TO REMAIN.
2. CLEARING AND GRUBBING, TOPSOIL STRIPPING AND STOCKPILING - PRIOR TO INITIALING CLEARING AND GRUBBING OPERATION, INSTALL SEDIMENT BARRIERS ADJACENT TO LIMIT OF WORK.
3. CLEAN-UP - REMOVE SEDIMENT BARRIERS AFTER ESTABLISHMENT OF PERMANENT VEGETATIVE COVER AND APPROVAL OF THE ENGINEER.
4. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED BEFORE THE START OF EARTHWORK WHEREVER POSSIBLE, OR AS SOON AS THE SEQUENCE OF CONSTRUCTION PERMITS.

CONSTRUCTION PHASING:

PHASE I - CONSTRUCTION ACCESS ROAD - INSTALL SEDIMENT BARRIERS ADJACENT TO ALL AREAS TO BE DISTURBED. INSTALL STABILIZED CONSTRUCTION ENTRANCE. PHASE I SHALL INCLUDE THE CONSTRUCTION OF THE ACCESS ROADS FROM BOTH SIDES OF THE SITE. CONTRACTOR SHALL MAINTAIN A GRAVEL ACCESS ROAD OR PROVIDE FINAL ROAD WITH ASPHALT BASE COURSE. STABILIZE ALL SLOPE AREAS IMMEDIATELY UPON COMPLETION. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

PHASE II - WESTERLY SIDE OF SITE AND SEDIMENT BASIN - INSTALL TEMPORARY DIVERSIONS AND STONE OUTLET SEDIMENT TRAPS. ESTABLISH TEMPORARY VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. ROUGH GRADE THE MICROPOOL EXTENDED DETENTION BASIN FOR USE AS A TEMPORARY SEDIMENT BASIN - FINAL BOTTOM ELEVATION OF SEDIMENT BASIN SHALL BE 1 FOOT HIGHER THAN THE FINAL BOTTOM ELEVATION OF THE DETENTION BASIN. CONSTRUCT SWALES TO DIRECT RUNOFF TOWARDS THE SEDIMENT BASIN. MAINTAIN DUST CONTROL MEASURES AS REQUIRED. COMPLETE BUILDING PAD ESTABLISHMENT AND BEGIN UTILITY INSTALLATION. MAINTAIN TEMPORARY DIVERSIONS AND STONE SEDIMENT TRAPS UNTIL STORM INLET SEDIMENT TRAPS ARE ESTABLISHED AND OPERATIONAL. INSTALL INLET AND OUTLET PROTECTION AT DRAINS. ESTABLISH TEMPORARY VEGETATIVE COVER IN DISTURBED AREAS AS REQUIRED. ESTABLISH PERMANENT VEGETATIVE COVER IN DRAINAGE CHANNELS AND AREAS OF NO FURTHER DISTURBANCE. IMPLEMENT DUST CONTROL MEASURES AS REQUIRED.

PHASE III - VEHICLE WASH, SALT STORAGE AND SEASONAL STORAGE AREA - INSTALL TEMPORARY DIVERSIONS AND STONE OUTLET SEDIMENT TRAPS AND SILT FENCE. ESTABLISH TEMPORARY VEGETATIVE COVER ON DISTURBED AREAS AS REQUIRED AND PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. MAINTAIN DUST CONTROL MEASURES AS REQUIRED. COMPLETE BUILDING PAD ESTABLISHMENT AND CONTINUE UTILITY INSTALLATION. MAINTAIN TEMPORARY DIVERSIONS AND STONE SEDIMENT TRAPS UNTIL STORM INLET SEDIMENT TRAPS ARE ESTABLISHED AND OPERATIONAL.

PHASE IV - VEHICLE STORAGE AND REPAIR AREA - INSTALL TEMPORARY DIVERSIONS AND STONE OUTLET SEDIMENT TRAPS. ESTABLISH TEMPORARY VEGETATIVE COVER ON DISTURBED AREAS AS REQUIRED AND PERMANENT VEGETATIVE COVER IN AREAS OF NO FURTHER DISTURBANCE. MAINTAIN DUST CONTROL MEASURES AS REQUIRED. COMPLETE BUILDING PAD ESTABLISHMENT AND BEGIN UTILITY INSTALLATION. MAINTAIN TEMPORARY DIVERSIONS AND STONE SEDIMENT TRAPS UNTIL STORM INLET SEDIMENT TRAPS ARE ESTABLISHED AND OPERATIONAL. UTILIZE SEDIMENT BASIN UNTIL ALL AREAS ARE STABILIZED.

PHASE V - FINAL STABILIZATION AND REMOVAL OF EROSION CONTROL - APPLY FINAL STABILIZATION AND LAND COVER TO EXPOSED AREAS IN ACCORDANCE WITH THE LANDSCAPE PLANS. PERFORM FINAL PAVING. WHEN ALL AREAS OF THE SITE ARE STABILIZED, REMOVE THE ACCUMULATED SILT AND REGRADE THE MICROPOOL EXTENDED DETENTION BASIN TO FINAL GRADES. PERFORM FINAL CLEANUP OF SEDIMENTS FROM SWALES AND STORMWATER SYSTEM. REMOVE EROSION CONTROL DEVICES.

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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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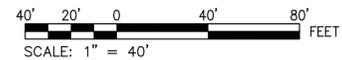
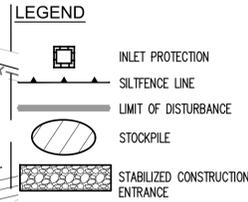
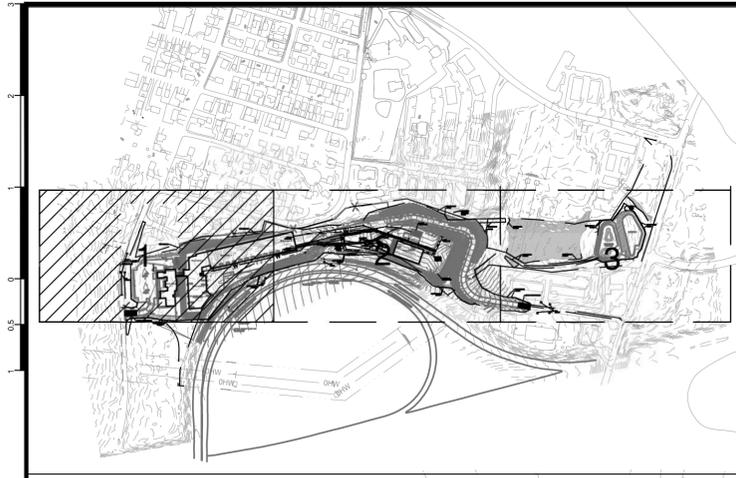
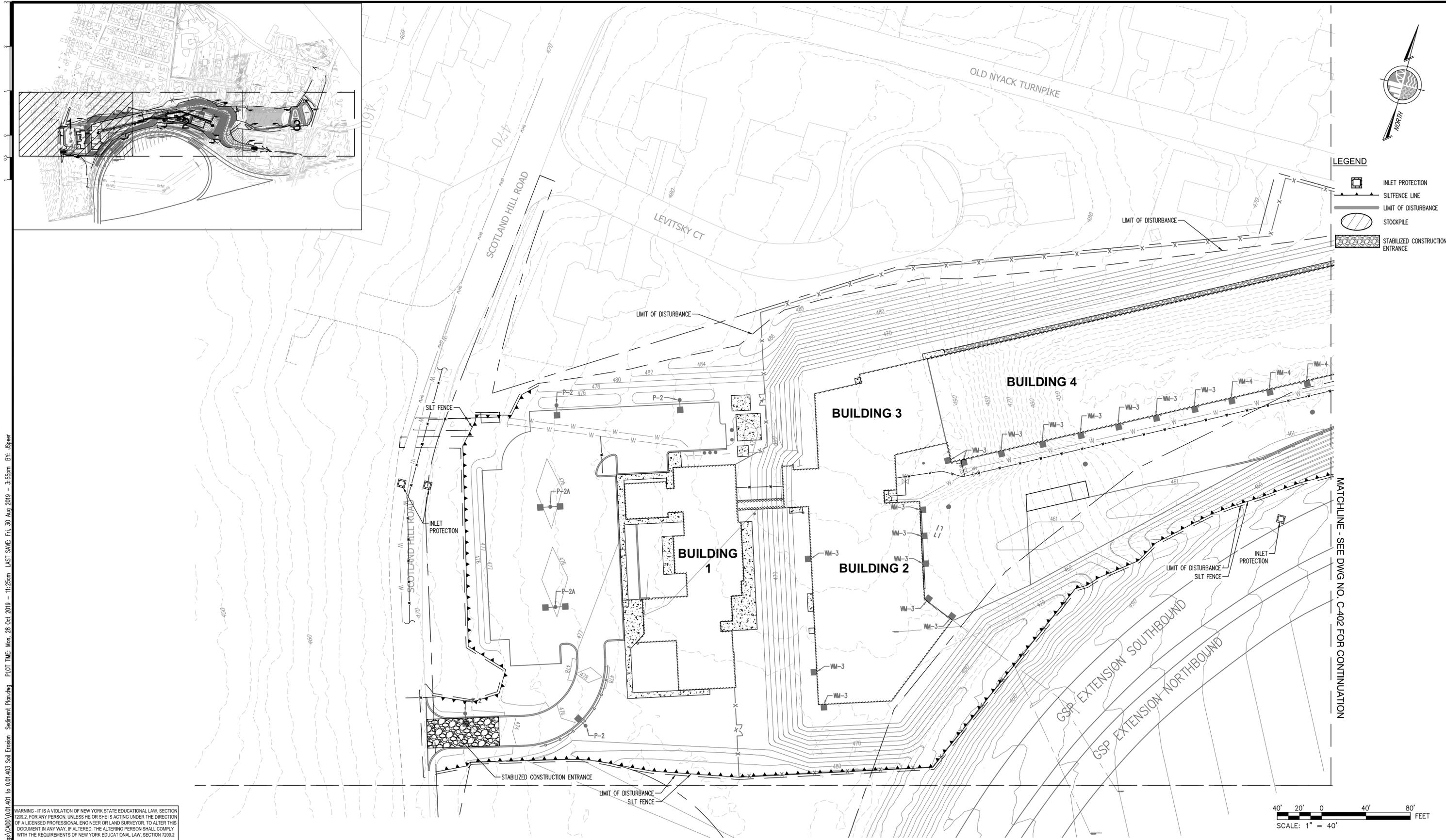
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 PROFESSIONAL ENGINEER
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SHEET NAME
**CONSTRUCTION PHASING PLAN
 AND SOIL EROSION AND
 SEDIMENT CONTROL NOTES**

No.	DATE	REVISION	BY

PROJECT NO. 130439	ISSUED FOR BID SET
SCALE AS NOTED	DRAWING NO. 0.01400
DATE OCTOBER 30, 2019	18 of 377 SHTS
DRAWN BY ORR	
CHECKED BY JMS	
APPROVED BY	

FILE NAME: P:\Proj\130439\10_Dwg\CAD\01.001_400_Phasing Plan Erosion Sediment Notes.dwg PLOT TIME: Mon, 28 Oct 2019 - 11:25am LAST SAVE: Fri, 30 Aug 2019 - 5:26pm BY: JSpeer



MATCHLINE - SEE DWG NO. C-402 FOR CONTINUATION

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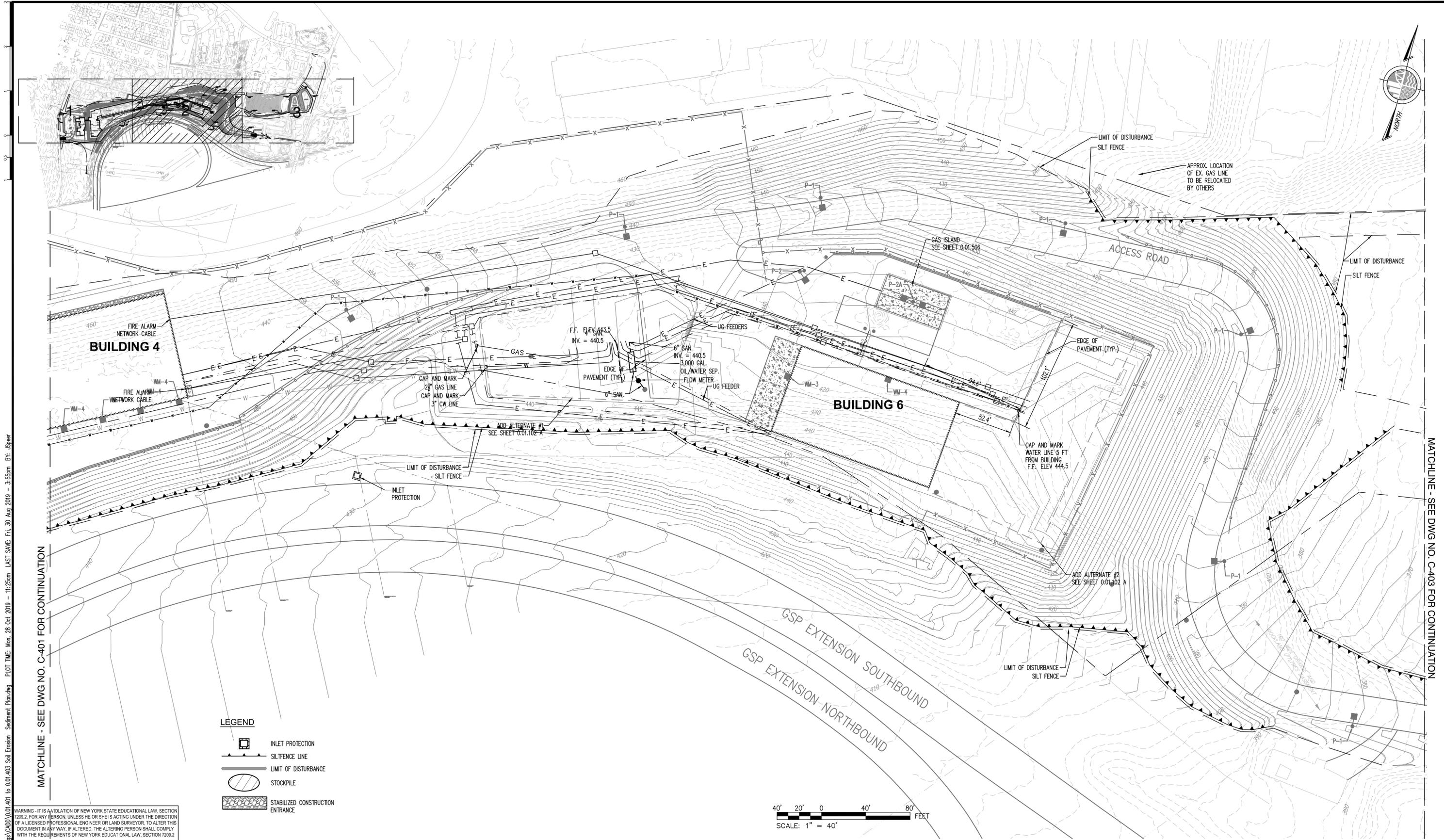
SHEET NAME
 SOIL EROSION AND
 SEDIMENT CONTROL PLAN
 (SHEET 1 OF 3)

No.	DATE	REVISION	BY

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

ISSUED FOR	BID SET
DRAWING NO.	0.01401
	19 of 377 SHTS

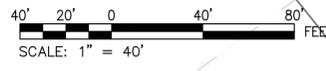
FILE NAME: P:\Proj\1307\130439\10_Dwg\CAD\01.401 to 0.01.403 Erosion - Sediment Plan.dwg PLOT TIME: Mon, 28 Oct 2019 - 11:25am LAST SAVE: Fri, 30 Aug 2019 - 3:55pm BY: JSpear



MATCHLINE - SEE DWG NO. C-401 FOR CONTINUATION

MATCHLINE - SEE DWG NO. C-403 FOR CONTINUATION

- LEGEND**
- INLET PROTECTION
 - SILTFENCE LINE
 - LIMIT OF DISTURBANCE
 - STOCKPILE
 - STABILIZED CONSTRUCTION ENTRANCE



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SHEET NAME
 SOIL EROSION AND
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 (SHEET 2 OF 3)

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PROJECT NO. 130439
 SCALE AS NOTED
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 DRAWN BY ORR
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