Rockland County
Ed Day, Rockland County Executive

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Paul Brennan, FNIGP, CPPO
Director of Purchasing

ADDENDUM # 16

CAPITAL PROJECT 3414:
CONSTRUCTION OF NEW HIGHWAY FACILITY

Questions and responses to RFI's #37, 38, 41, 43.
Questions and answers 186 through 197.

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.

SIGNED:

Paul J. Brennan

PAUL J. BRENNAN, FNIGP, CPPO
DIRECTOR OF PURCHASING

ADDENDUM

12/16/19

186. Please provide material specifications and confirm if any of the attached materials are the same but referenced in different terms on the plans and specs: **(RFI NB05)**
   a. ¾" Crushed Stone
   b. ¾" Clean Broken Stone
   c. Crushed Stone Foundation Course
   d. Bedding Material ¾" crushed stone
   e. Bedding Material
   f. "Subbase Course" (Concrete Sidewalk & Curb Details)
   g. Provide subbase thickness for Building #4 & Building #8 slabs.

Response: Refer to specifications related to specific items for which the material is referenced. Site sidewalks and curbs reference NYSDOT Specifications. Refer to Geotechnical Report for base for slabs-on-grade and building foundations. Crushed stone and clean broken stone are synonymous. Subbase thickness for all building slabs is 6".

187. Under the specs for Site Drainage, Materials: "The products shall be Performance Pipe Disccoplex 4000 PE 3404 high-density polyethylene piping for portable water distribution or equal." Is this correct or is traditional HDPE permitted for storm pipe work? **(RFI NB05)**

Response: The Disccoplex requirement will be deleted from the Specification. Storm piping is not required to be rated for potable water.

188. Drawing #0.00.001 – Drawing List indicates #22 thru 28 as Details 1 of 10 however only 7 detail sheets have been provided. Please clarify. **(RFI NB05)**

Response: There are seven (7) Civil Detail sheets.

189. Please provide a catch basin detail and indicate the proposed casting type(s). **(RFI NB05)**

Response: Per Specification 33-49-13 "Drainage Structures" Part 2.1.A.5.a, Drainage structures shall be NYSDOT Group 604. Refer to NYSDOT Standard Sheets. Unless otherwise noted, drainage structures shall have a minimum width and length of 4'-0".

190. Please provide information regarding sewer castings model and type. **(RFI NB05)**

Response: Sanitary castings shall be Heavy Duty and marked "Sewer".

191. Drawing #1.04.101 please indicate drawing scale. **(RFI NB05)**

Response: Drawing scale is 1/8" = 1'-0".

192. Re: The "Crushed Stone Surface" indicated on Dwg. No. 0.01.101 & Dwg. No 0.01.102 (Adjacent to the loading ramp & the gas island.) What is the stone type, stone size & stone thickness that is so be installed? Is there a stabilization or filter fabric placed underneath the stone? **(RFI HT08)**

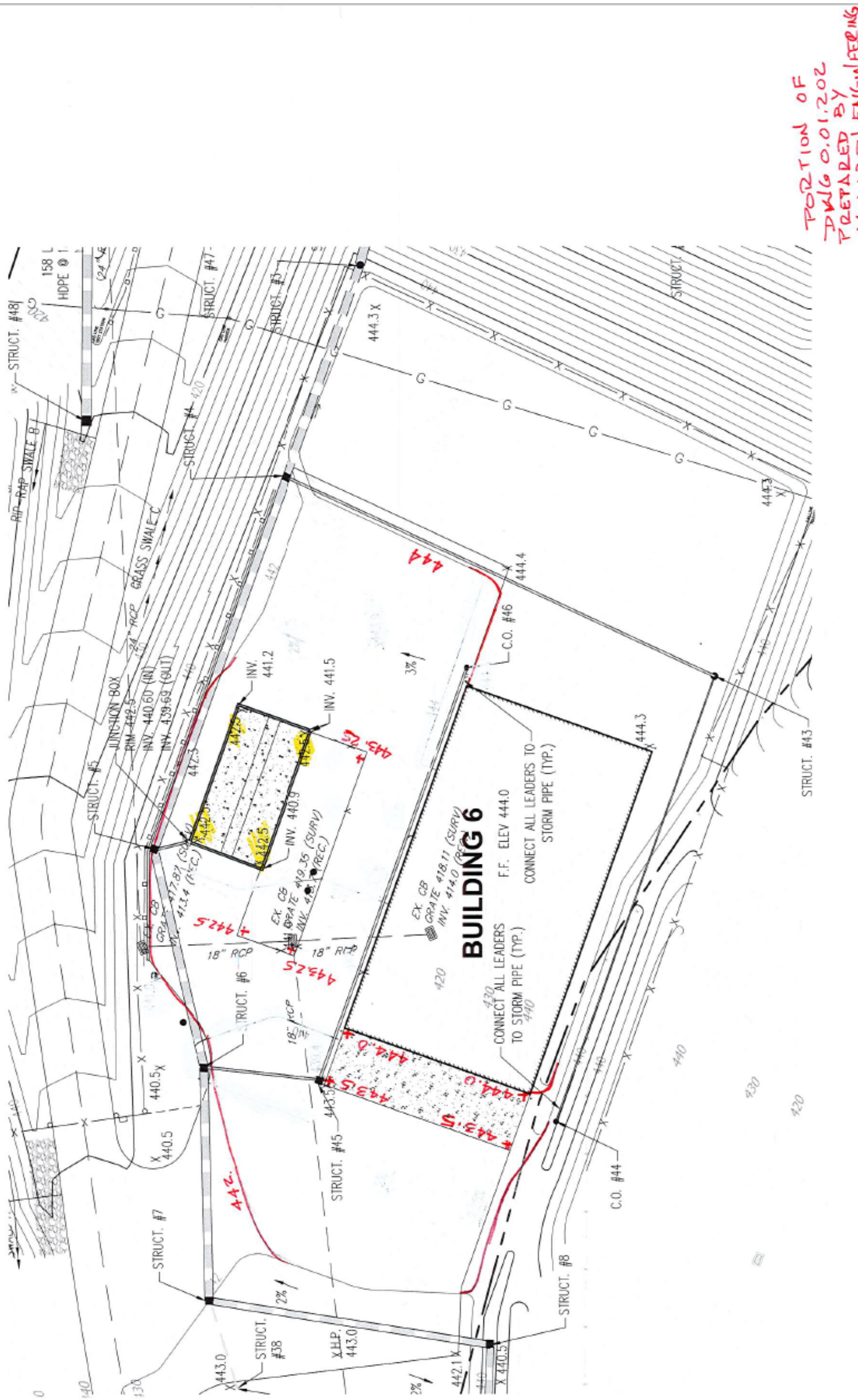
Response: See previous RFI response #11.

193. Re: The “Concrete Walks & Concrete Pads” on Dwg. No. 0.01.101 & Dwg. No 0.01.102 (Between the parking lot & building No.1 & various locations adjacent to other buildings) There are no details provided, please provide a detail for these concrete surfaces. **(RFI HT08)**

Response: See previous RFI responses #20, #22, and #23.

194. Re: The proposed grades at the NW corner of building No. 6 on Dwg. No. 0.01.202 The grades indicated in this area appear to be incorrect. The 440 contour is incomplete, the rim elevation of structure No. 45 is 439.40 & the spot elevation on the corner of the adjacent concrete pad is 443.50. Please clarify the grades in this area. **(RFI HT08)**

Response: See following sketches.

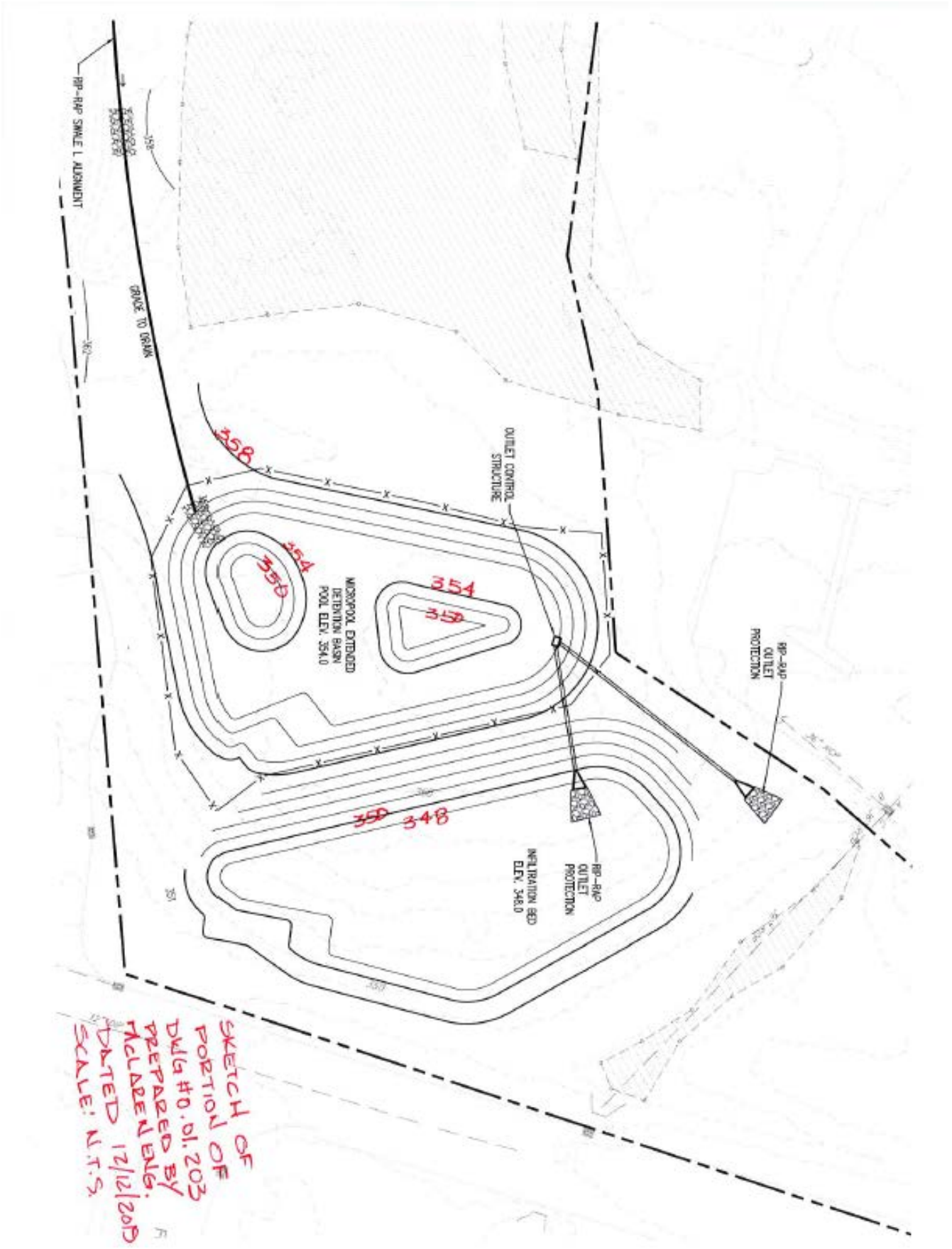

PORTION OF DWG 0.01.202 PREPARED BY McLAREN ENGINEERING
BUILDING 6
F.F. ELEV 444.0
CONNECT ALL LEADERS TO STORM PIPE (TYP.)
JUNCTION BOX
GRASS SWALE C
RIP-RAP SWALE B
STRUCT. #5
STRUCT. #6
STRUCT. #7
STRUCT. #8
STRUCT. #45
STRUCT. #43
C.O. #44
C.O. #46

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	442.0	442.0	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	439.50	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	30	18	12	8	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	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 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
PIPE INVERT ELEVATIONS	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			434.70				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	386.60	387.30	448.00	448.10

PORTION OF DWG
0.01.202 PREPARED
BY McLAREN ENGINEERING

195. Re: The “Micropool Extended Detention “Basin” on Dwg. No.0.01.203 The elevation at the bottom is indicated at 354.00 but there are additional contours that Are shown within the basin & not labeled. Please provide the grades for these contours. **(RFI HT08)**

Response: See following sketch.


RIP-RAP SWALE L ALIGNMENT
CREEK TO DRAIN
OUTLET CONTROL STRUCTURE
MICROPOOL EXTENDED DETENTION BASIN POOL ELEV. 354.0
INFILTRATION BED ELEV. 348.0
RIP-RAP OUTLET PROTECTION
RIP-RAP OUTLET PROTECTION
356
354
350
348
SKETCH OF PORTION OF DWG #0.01.203 PREPARED BY MCLAREN ENG. DATED 12/12/2018 SCALE: N.T.S.

196. Please provide Construction Details and Materials for the Proposed Guiderail and flared end sections **(RFI HT11)**

Response: See previous RFI response #38.

197. There contradictory information on the contract documents which pertains to handling and use of existing soils on site. Some sections state that the existing soils on site are not suitable and cannot be used for backfilling operations. Than in other sections it states that the existing soils can be used or amended on site to meet soils requirements prior to reuse. Can you please clarify and advise as to the intent of existing soil operations on site? **(RFI EH02)**

Response: Refer to the Geotechnical report. On-site materials may be used to the extent allowed by the report.