

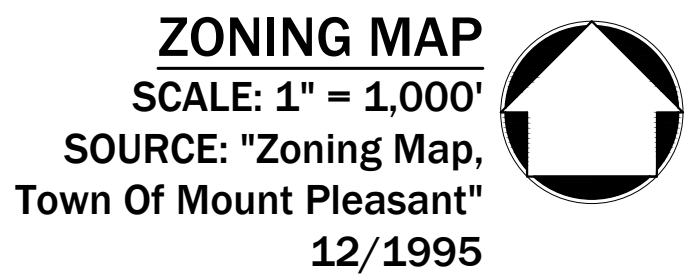
REGENERON CHILDCARE

WESTCHESTER COUNTY

**777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591**

GENERAL CONSTRUCTION NOTES APPLY TO ALL WORK HEREIN:

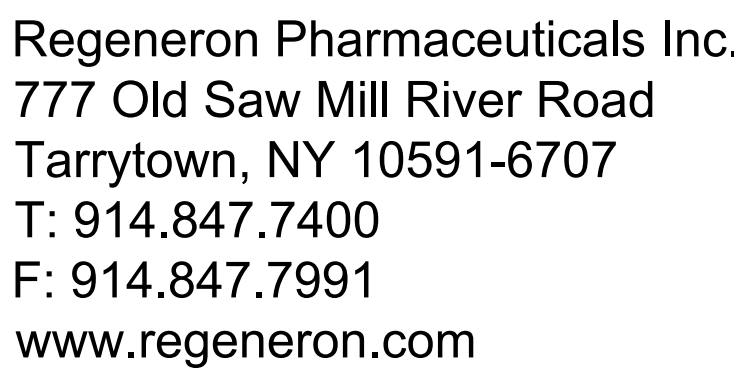
1. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CALL 811 "DIG SAFELY" (1-800-962-7962) TO EXCAVATIONS SHALL COMPLY WITH CODE 753 REQUIREMENTS. NO WORK SHALL COMMENCE UNTIL ALL UTILITIES HAVE BEEN LOCATED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION, INsofar AS THEY MAY SHALL HOLD TRUE WHETHER OR NOT THEY ARE SHOWN ON THE CONTRACT DRAWINGS. IF THEY ARE SECURED, EVEN THOUGH THE INFORMATION WAS OBTAINED FROM THE BEST AVAILABLE SOURCES, A GUARANTEE BY THE CONTRACTOR THAT THE UTILITIES WILL REMAIN UNHARMED DURING REPAIR OR SHALL CONSTANTLY PROCEED WITH CAUTION TO PREVENT UNDOY INTERRUPTION OF UTILITY SERVICE.
2. CONTRACTOR SHALL HAND DIG TEST PITS TO VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND CONSTRUCTION SHALL VERIFY EXISTING UTILITIES DEPTHS AND ADVISE OF ANY CONFLICTS WITH PROPOSED REPRESENTATIVE, JMC, PLLC AND THE APPLICABLE MUNICIPALITY OR AGENCY SHALL BE NOTIFIED IN WRITING BY DESIGNED BY JMC, PLLC.
3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL LOCAL PERMITS REQUIRED.
4. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL REGULATIONS. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL SAFETY CODES INCLUDING ANY AND ALL AMENDMENTS, REVISIONS, AND ADDITIONS THERETO, TO THE FEDERAL DEPARTMENT OF ADMINISTRATION'S OCCUPATIONAL SAFETY AND HEALTH STANDARDS (OSHA); AND APPLICABLE SAFETY CONSTRUCTION IN THE STATE OF NEW YORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GUARDING ALL EXISTING UTILITIES AND STRUCTURES TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAZARDOUS CONSTRUCTION PRACTICES, ALL OPERATIONS IN THE AFFECTED AREA SHALL BE DISCONTINUED SITUATION TO THE SATISFACTION OF THE APPROVAL AUTHORITY HAVING JURISDICTION.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES AFFECTED BY THE SCOPE OF WORK. OWNERS REPRESENTATIVE. RAMPING CONSTRUCTION TO PROVIDE ACCESS MAY BE CONSTRUCTED WITH CONCRETE SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL PROPERTIES AFFECTED BY THE SCOPE OF WORK.
6. CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING PAVEMENT TO REMAIN.



- C-000 COVER SHEET
- C-010 EXISTING CONDITIONS
- C-020 DEMOLITION, TREE REMOVAL AND PRESERVATION PLAN
- C-021 TREE LIST
- C-100 LAYOUT PLAN
- C-200 GRADING PLAN
- C-220 EARTHWORK ANALYSIS PLAN
- C-300 UTILITIES PLAN
- C-400 EROSION AND SEDIMENT CONTROL PLAN
- C-600 LIGHTING PLAN
- C-900 CONSTRUCTION DETAILS
- C-901 CONSTRUCTION DETAILS
- C-902 CONSTRUCTION DETAILS
- C-903 CONSTRUCTION DETAILS
- C-904 CONSTRUCTION DETAILS
- C-905 CONSTRUCTION DETAILS
- C-906 CONSTRUCTION DETAILS
- L-100 LANDSCAPING PLAN

GT-100 OVERALL DRAINAGE PLAN
GT-101 CROSS-SECTIONS A & B
GT-102 CROSS-SECTIONS C, D, & E
GT-200 SLOPE DRAINAGE PLAN
GT-300 BUILDING DRAINAGE PLAN
GT-400 PAVEMENT DRAINS & POND DRAINAGE BLANKET

E-050 ELECTRICAL DAYCARE SITE PLAN



Civil Engineer:



MEP Engineer:



Attorney

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One North Lexington Avenue, 11th Floor
White Plains, New York 10601
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Landscape Archite

Langan

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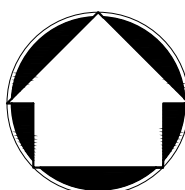
MEP/IT/Security Engineer:

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Professional Seal and Signature

ANY ALTERATION OF PLANS.



No.	Date	Description
0	05/20/2022	ISSUED FOR PERMIT
Rev.	Date	Description

Project Info

DAYCARE (B-17)

CONSTRUCTION DRAWINGS

777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591

Vendor Name: JMC, PLLC	
Vendor Project No.: 20090-3	
Discipline: Civil	Drawn By: TC
Drawing Title:	

COVER SHEET

Scale: AS SHOWN

C-000

Regeneron Pharmaceuticals Inc.
777 Old Saw Mill River Road
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914-273-5225
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BR+A
BR+A CONSULTING
ENGINEERS, P.C.
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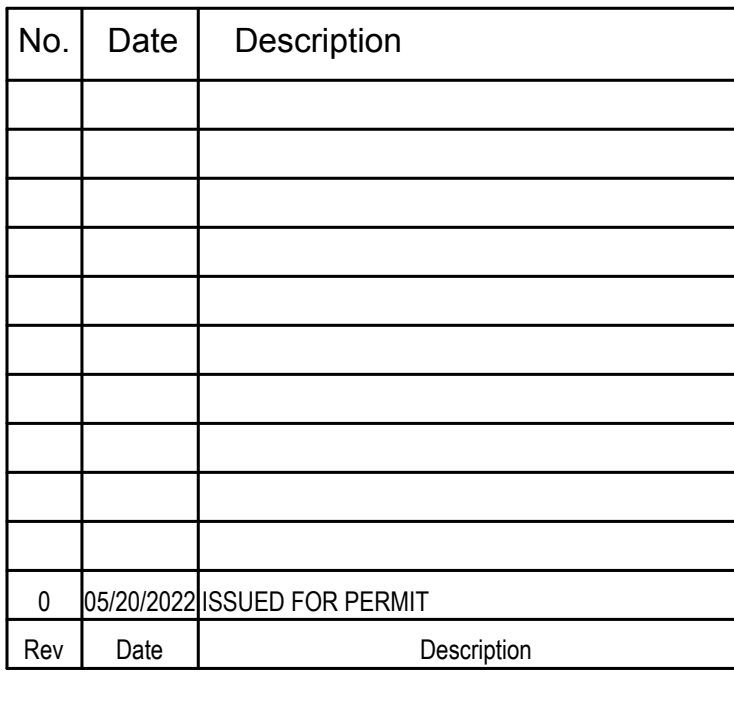
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DAYCARE (B-17)

777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591
Vendor Name: JMC, PLLC
Vendor Project No.: 20090-3
Discipline: Civil Drawn By: TC
Drawing Title:

Scale: N.T.S

C-021

TREE CHART			
ID	NAME	SIZE (INCHES)	STATUS
1	MAPLE	12	REMOVE
2	PINE	22	REMOVE
3	PINE	16	REMOVE
4	PINE	8	REMOVE
5	MAPLE	10 & 6	
6	MAPLE	8 & 6	REMOVE
7	PINE	10	REMOVE
8	PINE	12	REMOVE
9	MAPLE	12	REMOVE
10	PINE	16	REMOVE
11	PINE	8	REMOVE
12	MAPLE	16	REMOVE
13	APPLE	8	REMOVE
14	MAPLE	20	REMOVE
15	PINE	18	REMOVE
16	PINE	18	REMOVE
17	PINE	10	REMOVE
18	PINE	24	REMOVE
19	PINE	18	REMOVE
20	BOX ELDER	26, 14 & 8	
21	ASH	12	REMOVE
22	MAPLE	20	REMOVE
23	MAPLE	12	REMOVE
24	BOX ELDER	12	REMOVE
25	COTTONWOOD	26	REMOVE
26	BOX ELDER	12	REMOVE
27	BOX ELDER	20	REMOVE
28	BOX ELDER	10	REMOVE
29	BOX ELDER	16	REMOVE
30	BOX ELDER	36	REMOVE
31	BOX ELDER	24	REMOVE
32	BOX ELDER	12	REMOVE
33	BOX ELDER	12	REMOVE
34	COTTONWOOD	22	REMOVE
35	COTTONWOOD	24	REMOVE
36	SYCAMORE	14	REMOVE
37	COTTONWOOD	22	REMOVE
38	MAPLE	8	REMOVE
39	COTTONWOOD	28	REMOVE
40	BOX ELDER	8	REMOVE
41	SYCAMORE	14	REMOVE
42	COTTONWOOD	32	REMOVE
43	MAPLE	16	REMOVE
44	MAPLE	8	REMOVE
45	COTTONWOOD	16	REMOVE
46	APPLE	8	REMOVE
47	MAPLE	16	REMOVE
48	MAPLE	12	REMOVE
49	MAPLE	20	REMOVE
50	CHERRY	8	REMOVE
51	COTTONWOOD	16	REMOVE
52	APPLE	8 MU	REMOVE
53	COTTONWOOD	32	REMOVE
54	CHERRY	20	REMOVE
55	COTTONWOOD	12	REMOVE
56	COTTONWOOD	22	REMOVE
57	ASH	12	REMOVE
58	COTTONWOOD	28	REMOVE
59	BOX ELDER	8	REMOVE
60	COTTONWOOD	14	REMOVE
61	COTTONWOOD	12	REMOVE
62	COTTONWOOD	26	REMOVE
63	CHERRY	12	REMOVE
64	MAPLE	16	REMOVE
65	CHERRY	14	REMOVE
66	CHERRY	16	REMOVE
67	BOX ELDER	16	REMOVE
68	BOX ELDER	24	REMAIN
69	BUTTER NUT	20	REMAIN
70	DECIDIOUS	8	REMAIN
71	MAPLE	16	REMAIN
72	COTTONWOOD	10	REMAIN
73	MAPLE	12	REMAIN
74	COTTONWOOD	24 & 22	REMAIN
75	COTTONWOOD	20	REMAIN

TREE CHART			
ID	NAME	SIZE (INCHES)	STATUS
76	COTTONWOOD	36	REMOVE
77	COTTONWOOD	26	REMOVE
78	COTTONWOOD	24	REMOVE
79	COTTONWOOD	38	REMAIN
80	COTTONWOOD	22	REMAIN
81	MAPLE	10	REMOVE
82	MAPLE	10	REMOVE
83	MAPLE	8	REMOVE
84	PINE	16	REMOVE
85	MAPLE	14	REMOVE
86	MAPLE	12	REMOVE
87	MAPLE	8	REMOVE
88	MAPLE	10	REMOVE
89	MAPLE	12	REMOVE
90	ASH	8	REMOVE
91	MAPLE	10	REMOVE
92	PINE	10	REMOVE
93	MAPLE	10	REMOVE
94	MAPLE	22	REMOVE
95	MAPLE	8	REMOVE
96	MAPLE	10	REMOVE
97	MAPLE	12	REMOVE
98	MAPLE	10	REMOVE
99	MAPLE	8	REMOVE
100	PINE	8	REMOVE
101	MAPLE	8	REMOVE
102	MAPLE	10	REMOVE
103	MAPLE	8	REMOVE
104	MAPLE	14	REMOVE
105	MAPLE	16	REMOVE
106	APPLE	12	REMOVE
107	APPLE	8	REMOVE
108	BOX ELDER	12	REMOVE
109	COTTONWOOD	8	REMOVE
110	ELM	12	REMOVE
111	COTTONWOOD	12	REMOVE
112	COTTONWOOD	26	REMOVE
113	COTTONWOOD	34	REMOVE
114	MAPLE	16	REMOVE
115	COTTONWOOD	18	REMOVE
116	COTTONWOOD	20	REMOVE
117	COTTONWOOD	14	REMOVE
118	MAPLE	40 MU	REMOVE
119	MAPLE	24	REMAIN
120	MAPLE	16	REMAIN
121	MAPLE	16	REMAIN
122	MAPLE	14	REMAIN
123	MAPLE	20	REMAIN
124	MAPLE	22	REMAIN
125	MAPLE	28	REMAIN
126	DECIDUOUS	12	REMAIN
127	MAPLE	20	REMAIN
128	APPLE	10	REMAIN
129	MAPLE	24	REMOVE
130	DECIDIOUS	12	REMOVE
131	COTTONWOOD	26	REMOVE
132	COTTONWOOD	26	REMOVE
133	COTTONWOOD	28	REMOVE
134	COTTONWOOD	28	REMOVE
135	COTTONWOOD	24	REMOVE
136	MAPLE	18	REMOVE
137	MAPLE	14	REMOVE
138	MAPLE	18	REMAIN
139	MAPLE	10	REMAIN
140	CHERRY	14	REMAIN
141	CHERRY	18	REMAIN
142	CHERRY	8	REMAIN
143	MAPLE	10 & 10	REMAIN
144	MAPLE	24	REMAIN
145	MAPLE	16 & 10	REMAIN
146	MAPLE	12	REMAIN
147	MAPLE	14	REMAIN
148	MAPLE	10	REMAIN
149	CHERRY	8	REMAIN
150	MAPLE	22 & 10	REMAIN

TREE CHART			
ID	NAME	SIZE (INCHES)	STATUS
151	MAPLE	18	REMAIN
152	MAPLE	18	REMAIN
153	MAPLE	22	REMAIN
154	MAPLE	18	REMAIN
155	MAPLE	24	REMAIN
156	MAPLE	18	REMAIN
157	MAPLE	24	REMAIN
158	MAPLE	30	REMAIN
159	BEECH	30	REMAIN
160	BEECH	36	REMAIN
161	OAK	48	REMAIN
162	OAK	42	REMOVE
163	MAPLE	28	REMOVE
164	MAPLE	24	REMOVE
165	MAPLE	22	REMAIN
166	MAPLE	24	REMAIN
167	MAPLE	28	REMAIN
168	BEECH	38	REMAIN
169	BEECH	30	REMAIN
170	SYCAMORE	56	REMAIN
171	SYCAMORE	42	REMAIN
172	SYCAMORE	32	REMAIN
173	SYCAMORE	26	REMAIN
174	SYCAMORE	36	REMAIN
175	SYCAMORE	24	REMAIN
176	SYCAMORE	28	REMAIN
177	SYCAMORE	24	REMAIN
178	SYCAMORE	32	REMOVE
179	MAPLE	16	REMOVE
180	MAPLE	10	REMOVE
181	MAPLE	24	REMOVE
182	BOX ELDER	10	REMOVE
183	BOX ELDER	12 & 10	REMOVE
184	BOX ELDER	12	REMOVE
185	MAPLE	24	REMOVE
186	MAPLE	10	REMOVE
187	MAPLE	18	REMOVE
188	CHERRY	12 & 12	REMOVE
189	MAPLE	14	REMOVE
190	MAPLE	14	REMOVE
191	MAPLE	16	REMAIN
192	MAPLE	8 & 8	REMAIN
193	MAPLE	10	REMOVE
194	MAPLE	8	REMOVE
195	MAPLE	28	REMOVE
196	MAPLE	18	REMOVE
197	MAPLE	12	REMOVE
198	MAPLE	16	REMOVE
199	MAPLE	28	REMOVE
200	MAPLE	8	REMOVE
201	MAPLE	12	REMOVE
202	MAPLE	10	REMAIN
203	MAPLE	10	REMAIN
204	CHERRY	14	REMAIN
205	MAPLE	20	REMAIN
206	MAPLE	18	REMAIN
207	MAPLE	12	REMAIN
208	MAPLE	16	REMAIN
209	MAPLE	22	REMAIN
210	CHERRY	8	REMAIN
211	MAPLE	16	REMAIN
212	CHERRY	16	REMAIN
213	MAPLE	24	REMAIN
214	DECIDUOUS	10 & 8	REMAIN
215	TREE OF HEAVEN	8	REMAIN
216	MAPLE	8	REMAIN
217	CHERRY	16	REMAIN
218	DECIDUOUS	10 & 8	REMAIN
219	MAPLE	10	REMOVE
220	MAPLE	8 & 8	REMAIN
221	MAPLE	10 & 10	REMAIN
222	MAPLE	12	REMAIN
223	MAPLE	8	REMAIN
224	MAPLE	8	REMAIN
225	MAPLE	10	REMAIN

TREE CHART			
ID	NAME	SIZE (INCHES)	STATUS
226	MAPLE	32	REMAIN
227	ELM	10	REMAIN
228	MAPLE	12	REMOVE
229	MAPLE	32	REMAIN
230	MAPLE	24	REMAIN
231	MAPLE	34	REMOVE
232	MAPLE	26	REMOVE
233	APPLE	12	REMOVE
234	APPLE	8	REMOVE
235	MAPLE	40	REMAIN
236	MAPLE	14	REMAIN
237	MAPLE	8	REMAIN
238	MAPLE	30	REMOVE
239	MAPLE	16, 14 & 14	REMOVE
240	MAPLE	30	REMOVE
241	MAPLE	8	REMOVE
242	MAPLE	40 & 10	REMOVE
243	COTTONWOOD	22	REMOVE
244	COTTONWOOD	16	REMOVE
245	COTTONWOOD	18	REMOVE
246	COTTONWOOD	24	REMOVE
247	COTTONWOOD	28	REMOVE
248	COTTONWOOD	18	REMOVE
249	COTTONWOOD	26	REMAIN
250	MAPLE	8	REMAIN
251	MAPLE	18	REMAIN
252	MAPLE	18 & 14	REMAIN
253	MAPLE	14	REMAIN
254	MAPLE	10	REMAIN
255	MAPLE	24	REMAIN
256	MAPLE	22 & 16	REMAIN
257	MAPLE	16	REMAIN
258	MAPLE	32	REMAIN
259	MAPLE	12	REMAIN
260	MAPLE	14	REMAIN
261	MAPLE	12 & 6	REMAIN
262	TREE OF HEAVEN	38	REMAIN
263	MAPLE	18	REMOVE
264	MAPLE	22	REMOVE
265	SYCAMORE	10	REMOVE
266	SYCAMORE	26	REMOVE
267	MAPLE	16	REMOVE
268	MAPLE	18	REMOVE
269	MAPLE	12	REMOVE
270	PINE	24	REMOVE
271	MAPLE	12	REMOVE
272	ELM	8	REMOVE
273	BOX ELDER	14	REMOVE
274	PINE	30	REMOVE
275	MAPLE	16	REMOVE
276	PINE	16	REMOVE
277	MAPLE	14, 12 & 10	REMOVE
278	SYCAMORE	16	REMOVE
279	CHERRY	20	REMOVE
280	PINE	30	REMOVE
281	MAPLE	12 & 10	REMOVE
282	PINE	24	REMOVE
283	MAPLE	18	REMOVE
284	PINE	20	REMOVE
285	PINE	24	REMOVE
286	PINE	22	REMOVE
287	PINE	26	REMOVE
288	APPLE	8 & 8	REMOVE
289	MAPLE	16	REMOVE
290	PINE	12	REMAIN
291	PINE	22	REMAIN
292	PINE	16	REMAIN
293	PINE	18	REMAIN
294	PINE	20	REMAIN
295	PINE	20	REMOVE
296	PINE	26	REMOVE
297	CHERRY	12	REMOVE
298	CHERRY	14	REMOVE
299	APPLE	10	REMOVE
300	PINE	26	REMAIN
301	PINE	27	REMAIN
TREES TO BE REMOVED			191

TOWN OF MOUNT PLEASANT, NY/PART II, GENERAL
LEGISLATION
CHAPTER 201 – TREES

TREE:
ANY WOODY PLANT HAVING AT LEAST ONE
WELL-DEFINED TRUNK AT LEAST FOUR INCHES IN
DIAMETER MEASURED AT A HEIGHT OF FOUR FEET
ABOVE THE NATURAL GRADE AND HAVING A
CLEARLY DEFINED CROWN.

SPECIMEN TREE:

1. ANY TREE IN FAIR OR BETTER CONDITION WHICH EQUALS OR EXCEEDS THE FOLLOWING DIAMETER SIZES:
 - 1.1. LARGE HARDWOODS, E.G., OAKS, HICKORIES, SWEETGUMS, ETC.: 30 INCHES DBH.
 - 1.2. ALFALFA SOFTWOODS, E.G., PINES, ETC.: 36 INCHES DBH
 - 1.3. SMALL TREES, E.G., DOGWOODS, REDBUDS, SOURWOODS, ETC.: 12 INCHES DBH.
2. A TREE IN FAIR OR BETTER CONDITION MUST MEET THE FOLLOWING MINIMUM STANDARDS:
 - 2.1. A LIFE EXPECTANCY OF GREATER THAN 15 YEARS.
 - 2.2. A RELATIVELY SOUND AND SOLID TRUNK WITH NO EXTENSIVE DECAY OR HOLLOW AND LESS THAN 20% RADIAL TRUNK DIEBACK.
 - 2.3. NO MORE THAN ONE MAJOR AND SEVERAL MINOR DEAD LIMBS (HARDWOODS ONLY).
 - 2.4. NO MAJOR INSECT OR PATHOLOGICAL PROBLEM.
3. A LESSER-SIZE TREE CAN BE CONSIDERED A SPECIMEN IF IT IS A RARE OR UNUSUAL SPECIES, OF EXCEPTIONAL QUALITY OR OF HISTORICAL SIGNIFICANCE.
4. A TREE-SIZE TREE CAN BE CONSIDERED A SPECIMEN IF IT IS SPECIFICALLY USED BY A BUILDER, DEVELOPER OR DESIGN PROFESSIONAL AS A FOCAL POINT IN A PROJECT OR LANDSCAPE.

SPECIMEN TREES

26 SPECIMEN TREES WERE IDENTIFIED. OUT OF THOSE, 10 ARE PROPOSED TO BE REMOVED.

JMC Site Development Consultants
120 Bedford Road
Armonk, NY 10504
914-273-5225
www.jmcp LLC.com

324

BR+A CONSULTING
ENGINEERS, P.C.

105 Madison Avenue, 10th fl.

212.840.0060

More on

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Wiederkehr, LLP
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White Plains, New York 10601
Phone: (914) 681-0200

Geotechnical Engi



Carlin-Simpson & Associates
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Sayreville, NJ 08872
Phone: (732) 432-5757

Architect

Gensler
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New York, New York 10019
Phone: (212) 492-1400

Landscape Architect (Playground):

Langan
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, New York 10001
Phone: (212) 479-5400

MEM/IT/Security Engineer

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DAYCARE (B-17)

CONSTRUCTION DRAWINGS

777 OLD SAW MILL RIVER ROAD

MOUNT PLEASANT, NY 1059

Vendor Project No : 20090-3

Discipline: Civil ☐

Drawing Title:

LAYOUT PLAN








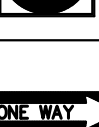
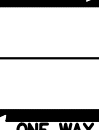








Scale: 1" = 3'

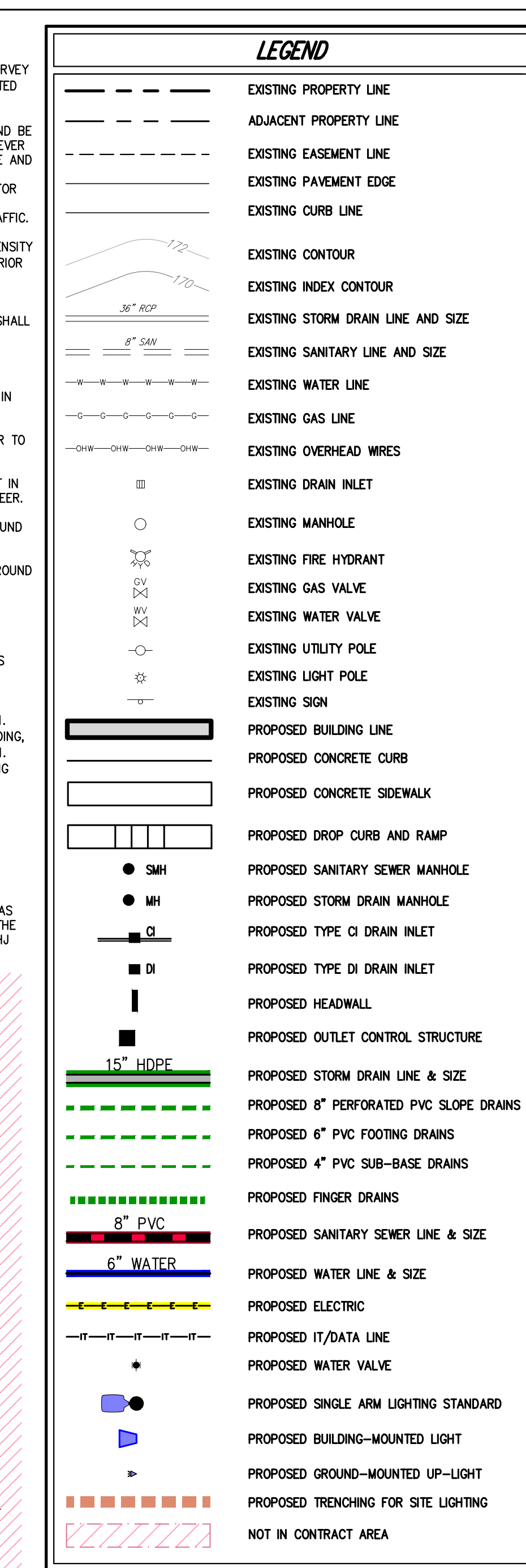
~ 100

5-100

LEGEND	
	EXISTING PROPERTY LINE
	ADJACENT PROPERTY LINE
	EXISTING SETBACK LINE
	EXISTING EASEMENT LINE
	EXISTING PAVEMENT EDGE
	EXISTING CURB LINE
	EXISTING TREE AND DESIGNATION
	EXISTING DIRECTIONAL ARROWS
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING SIGN
	PROPOSED BUILDING LINE
	PROPOSED SITE CONCRETE CURB
	PROPOSED FLUSH CONCRETE CURB
	PROPOSED MOUNTABLE CURB
	PROPOSED DROP CURB & RAMP
	PROPOSED SAWCUT LINE
	PROPOSED ACCESSIBLE PARKING SPACES WITH NUMBER OF SPACES INDICATED (REFER TO STRIPING DETAILS)
	PROPOSED ELECTRIC VEHICLE CHARGING PARKING SPACES WITH NUMBER OF SPACES INDICATED (REFER TO STRIPING DETAILS)
	PROPOSED PARKING SPACES WITH NUMBER OF SPACES INDICATED (REFER TO STRIPING DETAILS)
	PROPOSED CONCRETE SIDEWALK
	PROPOSED MONOLITHIC CONCRETE SIDEWALK & CURB
	PROPOSED SITE PAVEMENT
	PROPOSED SINGLE ARM LIGHTING STANDARD (DESIGN BY OTHERS)
	PROPOSED WALL MOUNTED LIGHT (DESIGN BY OTHERS)
	TRAFFIC SIGN LOCATION & DESIGNATION
	PEDESTRIAN CROSSING
	NOT IN CONTRACT AREA
	VINYL COATED CHAIN LINK FENCE

SIGN TABLE

DESIGNATION NUMBER	SIGN	SIZE	DESCRIPTION	MOUNTING TYPE	MOUNTING HEIGHT	REGULATORY	REFLECTORIZED
A		30"x30"	WHITE ON RED	STEEL CHANNEL	7'-0"	R1-1	X
B		12"x18"	GREEN & BLUE ON WHITE	STEEL CHANNEL	7'-0"	R7-8	X
C	 	12"x18" 12"x6"	GREEN & BLUE ON WHITE	STEEL CHANNEL	7'-0"	R7-8 R7-8A	X
D		12"x18"	RED ON WHITE	STEEL CHANNEL	7'-0"	NYP1-2	X
E		12"x18"	RED ON WHITE	STEEL CHANNEL	7'-0"	NYP1-11 (MODIFIED)	X
F		30"x30"	RED ON WHITE	STEEL CHANNEL	7'-0"	R5-1	X
G		36"x12"	WHITE ARROW ON BLACK	STEEL CHANNEL	7'-0"	R6-1R	X
H		36"x12"	WHITE ARROW ON BLACK	STEEL CHANNEL	7'-0"	R6-1L	X
I		36"x36"x36"	RED ON WHITE	STEEL CHANNEL	7'-0"	R1-2	X
J		30"x30"	BLACK ON YELLOW	STEEL CHANNEL	5'-0"	WY2-1	X
K		30"x30" 24"x12"	BLACK ON YELLOW	STEEL CHANNEL	7'-0"	W11-2 W16-7PL	X
L		30"x30" 24"x12"	BLACK ON YELLOW	STEEL CHANNEL	7'-0"	W11-2 W16-7PR	X
M		24"x30"	BLACK ON WHITE	STEEL CHANNEL	7'-0"	NYR3-20	X
N		24"x8" 24"x30"	BLACK ON WHITE	STEEL CHANNEL	7'-0"	NYR7-7P (MODIFIED) R3-5L	X
O		36"x8" 36"x30"	BLACK ON WHITE	STEEL CHANNEL	7'-0"	NYR7-7P (MODIFIED) NYR3-62	X
P		12"x18"	WHITE ON GREEN	STEEL CHANNEL	7'-0"		X



EXISTING CONDITIONS DEPicted ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHIC AND UTILITY SURVEY," PREPARED BY JMC PLLC, DATED 07/28/2021, LAST REVISED 06/04/2022.

2. ALL STORMWATER MANAGEMENT PRACTICES SHALL REMAIN UNDISTURBED AND BE PROTECTED FROM HEAVY MACHINERY TRAFFIC DURING CONSTRUCTION. HOWEVER, DURING CONSTRUCTION OF THE PRACTICE THE CONTRACTOR SHALL MINIMIZE AND AVOID HEAVY MACHINERY TRAFFIC TO THE MAXIMUM EXTENT PRACTICABLE. THERE SHALL BE NO STORAGE OF MATERIALS WITHIN AREAS TO BE USED FOR STORMWATER MANAGEMENT PRACTICES. THE CONTRACTOR SHALL INSTALL CONSTRUCTION FENCE AROUND THE PRACTICE TO DISCOURAGE VEHICLE TRAFFIC.

3. UNLESS OTHERWISE SPECIFIED, PIPE FOR STORM DRAINS SHALL BE HIGH DENSITY POLYETHYLENE PIPE (HDPE) WITH A SMOOTH INTERIOR AND ANNULAR EXTERIOR CORRUGATIONS IN ACCORDANCE WITH ASTM F-2628. JOINTS SHALL BE WATER-TIGHT IN ACCORDANCE WITH ASTM D-3034.

4. UNLESS OTHERWISE SPECIFIED, PIPE FOR SANITARY SEWER GRAVITY LINES SHALL BE POLYVINYL CHLORIDE PIPE (PVC), SDR=35, WITH PUSH-ON JOINTS IN ACCORDANCE WITH ASTM D-3034 AND SDR=32.

5. UNLESS OTHERWISE SPECIFIED, PIPE FOR WATER LINES SHALL BE DOUBLE CORNET-LINED DUCTILE IRON PIPE (DIP), CLASS 54 WITH PUSH ON JOINTS IN ACCORDANCE WITH AWWA C-150, C-151, C-104 AND C-111.

6. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.

7. ELECTRIC AND DATA LINES SHALL BE INSTALLED UNDERGROUND IN CONDUIT IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROJECT ELECTRICAL ENGINEER.

8. REFER TO ELECTRICAL SITE PLAN AND DRAWINGS BY BR+A FOR UNDERGROUND ELECTRICAL SERVICE FEEDERS DETAIL BANK AND MANHOLE DETAILS.

9. REFER TO ELECTRICAL SITE PLAN AND COSENTING FOR ALL OTHER UNDERGROUND ELECTRICAL DETAILS.

10. CHANGE SOLID GRATE AND FRAME TO NEADJUST FURNISH R-2370 FRAME & TYPE 'G' GRATE. CONTRACTOR TO ADJUST TOP ELEVATION AS NEEDED.

11. GEOTECHNICAL BORING/TEST PIT LOCATIONS AND TABLES DEPICTED ON THIS PLAN WERE TAKEN FROM THE FOLLOWING INFORMATION PREPARED BY CARLIN-SIMPSON & ASSOCIATES:

- (A) "MASTER BORING LOCATION PLAN - NORTH CAMPUS", DATED 07/29/2021
- (B) "GENERATOR CAMPUS EXPANSION NORTH CAMPUS - NEW LOGISTICS BUILDING, STORMWATER & TEMPORARY CONSTRUCTION PARKING", DATED 06/11/2021
- (C) "PROPOSED REGENERATOR IT EXPANSION BUILDING I AND ATTACHED PARKING GARAGE", DATED 03/27/2021
- (D) "GENERATOR CAMPUS EXPANSION SOUTH CAMPUS-DAYCARE CENTER STORMWATER UPDATE", DATED 04/08/2021
- (E) "REPORT ON PRELIMINARY SUBSURFACE SOIL INVESTIGATION", DATED 06/15/2016
- (F) "REPORT ON SUBSURFACE SOIL AND FOUNDATION INVESTIGATION", DATED 07/14/2021, REVISED 04/20/2022

12. CONTRACTOR SHALL COORDINATE AND PROVIDE FOR TEMPORARY UTILITIES AS NEEDED FOR CONSTRUCTION TRAILERS AND FOR GENERAL CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH THE TOWN OF MOUNT PLEASANT, AHJ AND UTILITY COMPANIES AS NEEDED.

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UTILITY LOCATIONS
NOT SHOWN
TO SCALE
NO. 20-11
REV. 04-2022

AKA STATE HIGHWAY

SAM WILL

EXISTING PROPERTY LINE
 ADJACENT PROPERTY LINE
 EXISTING EASEMENT LINE
 EXISTING PAVEMENT EDGE
 EXISTING CURB LINE
 EXISTING CONTOUR
 EXISTING INDEX CONTOUR
 EXISTING STORM DRAIN LINE AND SIZE
 EXISTING SANITARY LINE AND SIZE
 EXISTING WATER LINE
 EXISTING GAS LINE
 EXISTING OVERHEAD WIRES
 EXISTING DRAIN INLET
 EXISTING MANHOLE
 EXISTING FIRE HYDRANT
 EXISTING GAS VALVE
 EXISTING WATER VALVE
 EXISTING UTILITY POLE
 EXISTING LIGHT POLE
 EXISTING SIGN
 PROPOSED BUILDING LINE
 PROPOSED CONCRETE CURB
 PROPOSED CONCRETE SIDEWALK
 PROPOSED DROP CURB AND RAMP
 PROPOSED SANITARY SEWER MANHOLE
 PROPOSED STORM DRAIN MANHOLE
 PROPOSED TYPE CI DRAIN INLET
 PROPOSED TYPE II DRAIN INLET
 PROPOSED HEADWALL
 PROPOSED OUTLET CONTROL STRUCTURE
 PROPOSED STORM DRAIN LINE & SIZE
 PROPOSED 8" PERFORATED PVC SLOPE DRAINS
 PROPOSED 6" PVC FOOTING DRAINS
 PROPOSED 4" PVC SUB-BASE DRAINS
 PROPOSED FINGER DRAINS
 PROPOSED SANITARY SEWER LINE & SIZE
 PROPOSED WATER LINE & SIZE
 PROPOSED ELECTRIC
 PROPOSED IT/DATA LINE
 PROPOSED WATER VALVE
 PROPOSED SINGLE ARM LIGHTING STANDARD
 PROPOSED BUILDING-MOUNTED LIGHT
 PROPOSED GROUND-MOUNTED UP-LIGHT
 PROPOSED TRENCHING FOR SITE LIGHTING
 NOT IN CONTRACT AREA


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[illegible]

DAYCARE (B-17)

CONSTRUCTION DRAWINGS

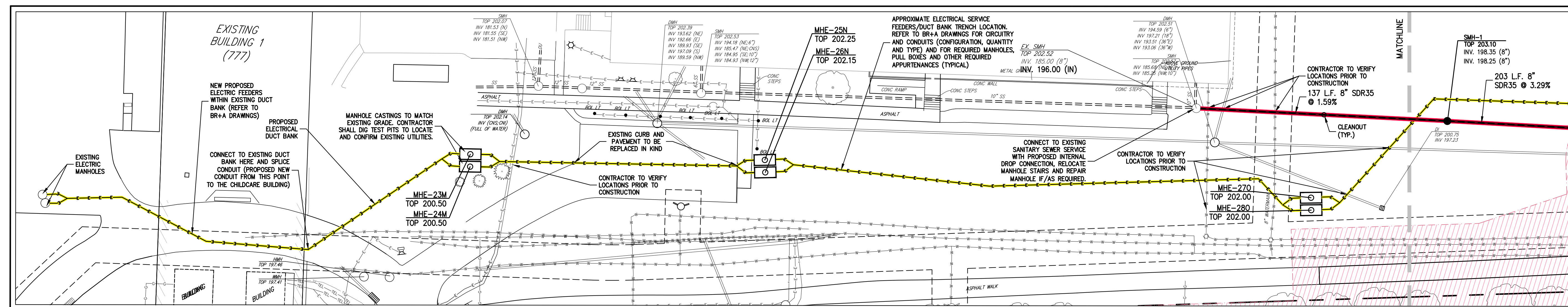
777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591

Vendor Name: JMC, PLLC	
Vendor Project No.: 20090-3	
Discipline: Civil	Drawn By: TC
Drawing Title:	

UTILITIES PLAN

Scale: 1" = 30'

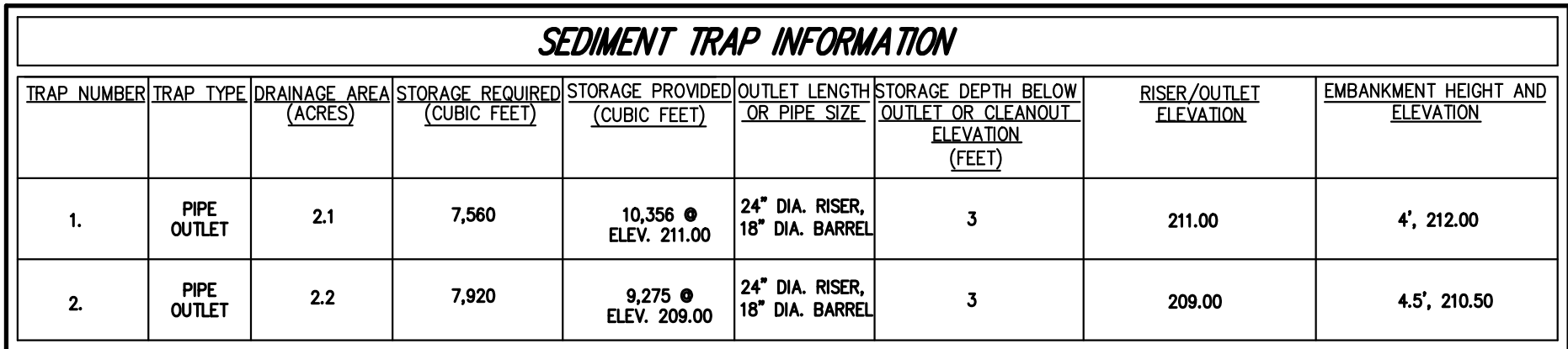
C-300



INSERT/CONTINUATION OF UTILITY CONNECTIONS

Erosion and Sediment Control Measure	Inspection/Maintenance Intervals	Inspection/Maintenance Requirements
Temporary Sediment Trap	Weekly + After Each Rain	<ul style="list-style-type: none"> Remove and redistribute sediment when it reaches the clean-out elevation/marker indicated on the construction documents. Check for rilling within and around the sediment basin and repair as required. Remove all sediment and debris from the outlet control structure as required.

APPROVED TEMPORARY PARKING LOT SHOWN FOR REFERENCE



LEGEND

	PROPOSED INLET PROTECTION
	PROPOSED PLASTIC CONSTRUCTION FENCE
	PROPOSED CHAIN LINK CONSTRUCTION FENCE
	PROPOSED TREE PROTECTION FENCE
	PROPOSED STONE CHECK DAM
	DRAINAGE DIVIDE
	PROPOSED SILT FENCE
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED STABILIZED CONSTRUCTION ENTRANCE
	PROPOSED SEDIMENT TRAP
	PROPOSED SEDIMENT TRAP RISER & OUTLET PIPE
	PROPOSED CONSTRUCTION DITCH

EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHIC AND UTILITY SURVEY," PREPARED BY M.C. PLOTT, INC., LAST REVISION, 1997.

THIS PLAN IS FOR TEMPORARY EROSION AND SEDIMENT CONTROL INFORMATION ONLY. THE CONTRACTOR SHALL INSTANTLY CHAIN LINK CONSTRUCTION AREAS TO PREVENT ACCESS BY THE PUBLIC. THE CONTRACTOR SHALL MAINTAIN SEWER SERVICE AND ELECTRICAL DUCT BANK SERVICE ALIGNMENTS AS NEEDED AND AS DIRECTED BY ACD AND THE TOWN.

PRIOR TO BEGINNING ANY CLEARING, GRUBBING OR EXCAVATION, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE PLANS AND SPECIFICATIONS, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD WITH STABILIZATION OF LANDSCAPED AREAS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE PLAN.

EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED BY THE TOWN ENGINEER. ALL DEBRIS AND ALL COLLECTED SEDIMENT WITHIN SEDIMENT BARRIERS SHALL BE REMOVED PERIODICALLY TO MAINTAIN THE EFFECTIVENESS OF THE BARRIERS. ALL SEDIMENT BARRIERS SHALL BE INSPECTED ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE TOWN ENGINEER. THE CONTRACTOR SHALL MAINTAIN THE BARRIERS THROUGHOUT THE SITE OPERATION AND MAINTAIN THE SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIAL GENERAL PERMIT, AND THE PROJECT'S EROSION AND SEDIMENT CONTROL PLAN. THE CONTRACTOR SHALL MAINTAIN THE SITE DRAINAGE AND ON A CONTINUOUS BASIS, PROMPTLY PREPARED AND KEPT FREE OF DEBRIS.

THE CONTRACTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A WEEKLY BASIS, BEFORE AND AFTER EACH RAINFALL EVENT. IN THE EVENT OF A RAINFALL EVENT, THE CONTRACTOR SHALL PERMIT THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A WRITTEN REPORT ON FINDINGS OF SEDIMENT IN DOWNSTREAM AREAS TO ALL AUTHORITIES WITHIN THE TOWN OF FARMINGTON.

4. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED/WARRANTED BY FIELD CONDITIONS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE, CEM, OR ANY AUTHORITY HAVING JURISDICTION OVER THE PROJECT. THESE MEASURES SHALL NOT DEFLECT ALL OF THE EROSION AND SEDIMENT CONTROL MEASURES FROM BEING EFFECTIVE THROUGHOUT THE PROJECT.
5. STOCKPILES OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN AN AREA DESIGNATED ON THIS PLAN OR AS APPROVED BY THE OWNER'S REPRESENTATIVE. STOCKPILED EXCAVATED MATERIALS SHALL HAVE TWO ROWS OF EROSION CONTROL BARRIERS INSTALLED TO PREVENT EROSION. EROSION SHALL BE MAINTAINED IN A DRAINAGE MANNER SO AS NOT TO IMPEDE ON PEDESTRIAN AND/OR VEHICULAR TRAFFIC CIRCULATION ROUTES.
6. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS SUCH AS WATER CURTAINS AS ORDERED BY THE CITY ENGINEER.
7. ALL SITEWATER MANAGEMENT PRACTICES SHALL REMAIN UNOBTURSED AND BE PROTECTED FROM HEAVY MACHINERY TRAFFIC DURING CONSTRUCTION. HOWEVER DURING CONSTRUCTION OF THE PRACTICE, THE CONTRACTOR SHALL PROVIDE PROTECTION FOR THE PRACTICE. WHEN THE PRACTICE IS COMPLETE, IT SHALL BE PRACTICABLE. THERE SHALL BE NO STORAGE OF MATERIALS WITHIN AREAS TO BE PROTECTED. MATERIALS SHALL BE STORED OUTSIDE OF THE PRACTICE INSTALL CONSTRUCTION FENCE AROUND THE PRACTICE TO DISCOURAGE VEHICULAR TRAFFIC.
8. ANY EXPOSED SLOPES AND GRADED/DISTURBED AREAS, THAT WILL NOT BE IMMEDIATELY RESTORED WITHIN THE SAME YEAR OF COMPLETION OF THE PROJECT, SHALL EITHER DIRECTLY DISCUSS ONE OF THE 303(d) SEGMENTS LISTED IN APPENDIX E OF THE GENERAL PERMIT OR ARE LOCATED WITHIN ONE OF THE 303(d) SEGMENTS LISTED IN APPENDIX E OF THE GENERAL PERMIT. THEY WILL BE TEMPORARILY SEEDDED WITHIN 24 HOURS OF DISTURBANCE. IN ACCORDANCE WITH THE STATE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (NYSDEC) "EROSION AND SEDIMENT CONTROL ENGINEERING" SECTION 4-000 "BEST MANAGEMENT PRACTICES FOR TREE AND SHRUB PLANTING," THE FOLLOWING BEST MANAGEMENT PRACTICES SHALL BE USED FOR FORESTRY, WILDLIFE, AND AGRICULTURE: (ISA), LATEST EDITION, AS FOLLOWS:
 - a. SEED MIXTURE AND RATE OF APPLICATION:

A.1. IN SPRING, SUMMER OR EARLY FALL, SEED THE AREA WITH RYEGRASS (ANNUAL OR PERENNIAL) AT 30 POUNDS PER ACRE (APPROXIMATELY 0.7 POUNDS/1000 SQUARE FEET OR USE 1 POUND/1000 SQUARE FEET).

A.2. IN LATE FALL OR EARLY WINTER, SEED THE AREA WITH CERTIFIED 'AROSTOOK' WINTER RYE (CEREAL RYE) AT 100 POUNDS PER ACRE (2.5 POUNDS/1000 SQUARE FEET).

B. APPLICATION SHALL BE UNIFORM BY MECHANICAL OR HYDROSEED METHODS.

C. MULCH ALL SEEDED AREAS WITH STRAW AT A RATE OF 2 TONS PER ACRE (90 POUNDS PER 1,000 SQUARE FEET) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.

10. ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED, AND MULCHED AS NECESSARY TO MAINTAIN WOODROSE, DEEP TOOTH VEG, SEEDED AREAS SHALL BE MULCHED WITH STRAW AT A RATE OF 2 TONS PER ACRE (90 LBS. PER 1,000 SQ. FT.) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET. REFER TO THE STORMWATER BASINS SEED MIXES DETAIL FOR ADDITIONAL REQUIREMENTS WITHIN STORMWATER BASINS. ALL OTHER DISTURBED AREAS SHALL BE SEEDDED FOR STABILIZATION IN ACCORDANCE WITH THE SPECIFICATIONS.

1. TEMPORARY SIDE MIXEDLINES SHALL NOT BE PLACED ON AREAS WHERE FINAL EROSION CONTROL MEASURES ARE ESTABLISHED OR WHERE PLACED UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT
11. THE LIMITS OF THE WETLAND BUFFER SHALL BE STAKED AND DELINEATED TO PREVENT UNNECESSARY ENCROACHMENT INTO THE WETLAND BUFFER OTHER THAN THE MINOR AMOUNT SHOWN ON THESE PLANS.
12. GRASS SEED MIX FOR EROSION AND SEDIMENT CONTROL MAY BE APPLIED BY EITHER MECHANICAL OR HYDROSEEDING METHODS. HYDROSEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE AMERICAN ASSOCIATION OF NURSERYMEN, AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION.
13. CUT AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTIES, NOR DIVERT WATER INTO THE PROPERTY OF OTHERS.
14. ALL FILLS SHALL BE COMPACTED TO PROVIDE STABILITY OF MATERIAL AND TO PREVENT EROSION.
15. AS INSTRUCTED BY FIELD CONDITIONS, SPECIAL ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED.
16. THE CONTRACTOR SHALL COMPLY WITH ALL INDUSTRY STANDARDS AND REGULATORY AGENCIES' REQUIREMENTS HAVING JURISDICTION. THE REQUIREMENTS SPECIFIED CONFLICT WITH THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION APPLY.
17. THE CONTRACTOR MUST ADHERE TO ALL REQUIREMENTS CONTAINED IN THE PROJECT'S EROSION & SEDIMENT CONTROL PLAN, SPECIFICATION, SCHEDULE, AND DETAILS.
18. A. NYSED NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK)
18. B. NYSED STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION (22-000)

1. CONTRACTOR RESPONSIBLE FOR ALL REMOVAL OF ROCK TO ESTABLISH BUILDING AND UTILITY TIECHING SUBGRADES WITHIN AND OUTSIDE THE BUILDING LIMITS. REGENERON HAS INFORMED THE USE OF CHEMICAL REMEDIAL ACTION ALLOWED FOR THE REMOVAL OF ROCK.
2. CONTRACTOR RESPONSIBLE FOR ALL IN-TEMP GRADING AND REQUIRED TEMPORARY EROSION AND DRAINAGE CONTROL MEASURES REQUIRED TO COMPLETE ALL PHASES OF WORK.
3. CONTRACTOR RESPONSIBLE FOR GRADING TO SUBBASE ELEVATIONS WITHIN THE PROJECT TOPSOIL, AS SHOWN ON THE CONSTRUCTION DETAILS FOR SPECIFIC FEATURES.
4. CONTRACTOR RESPONSIBLE FOR PERMANENT LANDSCAPING FOR AREAS REQUIRING PERMANENT HYDROSEEDING OR PLANTING ASSOCIATED WITH THIS WORK.
5. CONTRACTOR RESPONSIBLE FOR ALL CLEANUP TO/FROM THE IMMEDIATE CONSTRUCTION AREA AND ON ANY SHARED OWNER ACCESS ROADWAYS.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE OWNER ALL ACTIVITIES OF THE SITE LOGISTICS, INCLUDING TRUCK TRAFFIC, DELIVERIES, CONTRACTOR PARKING, NOISE, DUST, VIBRATION, UTILITY SHUTDOWN, OR OTHER ACTIVITIES PERTAINING TO THE CONSTRUCTION OF THIS PROJECT.
7. CONTRACTOR TO PERFORM ALL WORK WITHIN THE MONITORED SOUND AND VIBRATION ALLOWANCES AND WILL BE DIRECTED TO STOP WORK WHEN NOTIFIED BY OWNER'S INDEPENDENT MONITORING AGENCY WHEN THRESHOLDS ARE EXCEEDED.



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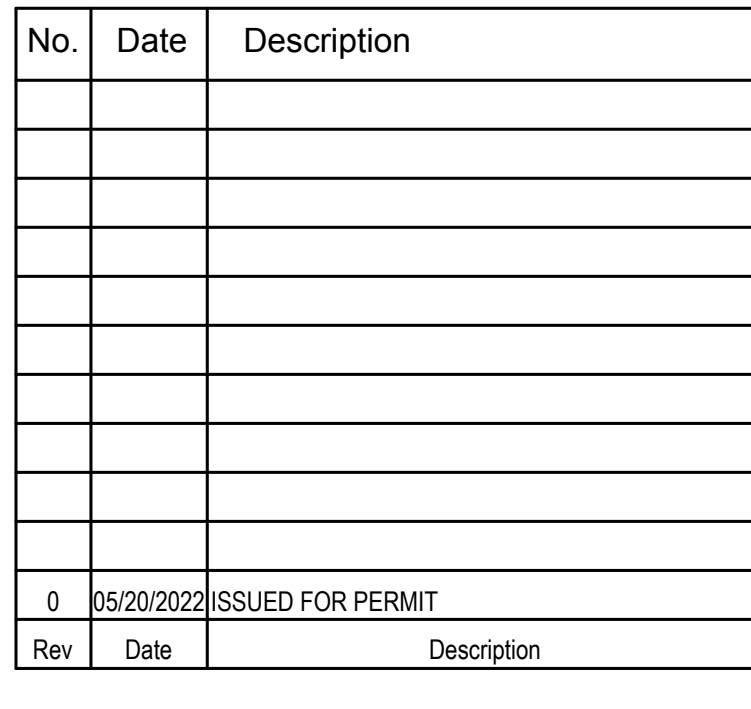
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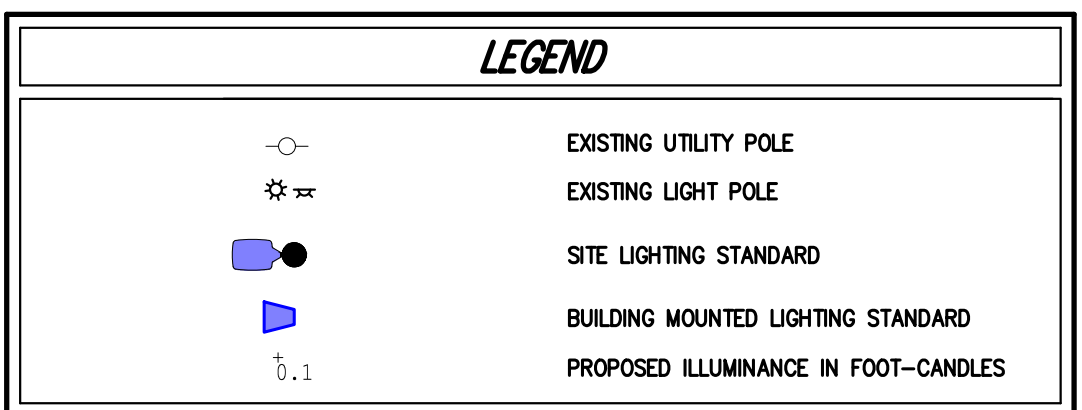
CONSTRUCTION
DRAWINGS

777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591
Vendor Name: JMC, PLLC
Vendor Project No.: 20090-3
Discipline: Civil Drawn By: TC
Drawing Title:

Scale: 1" = 30'

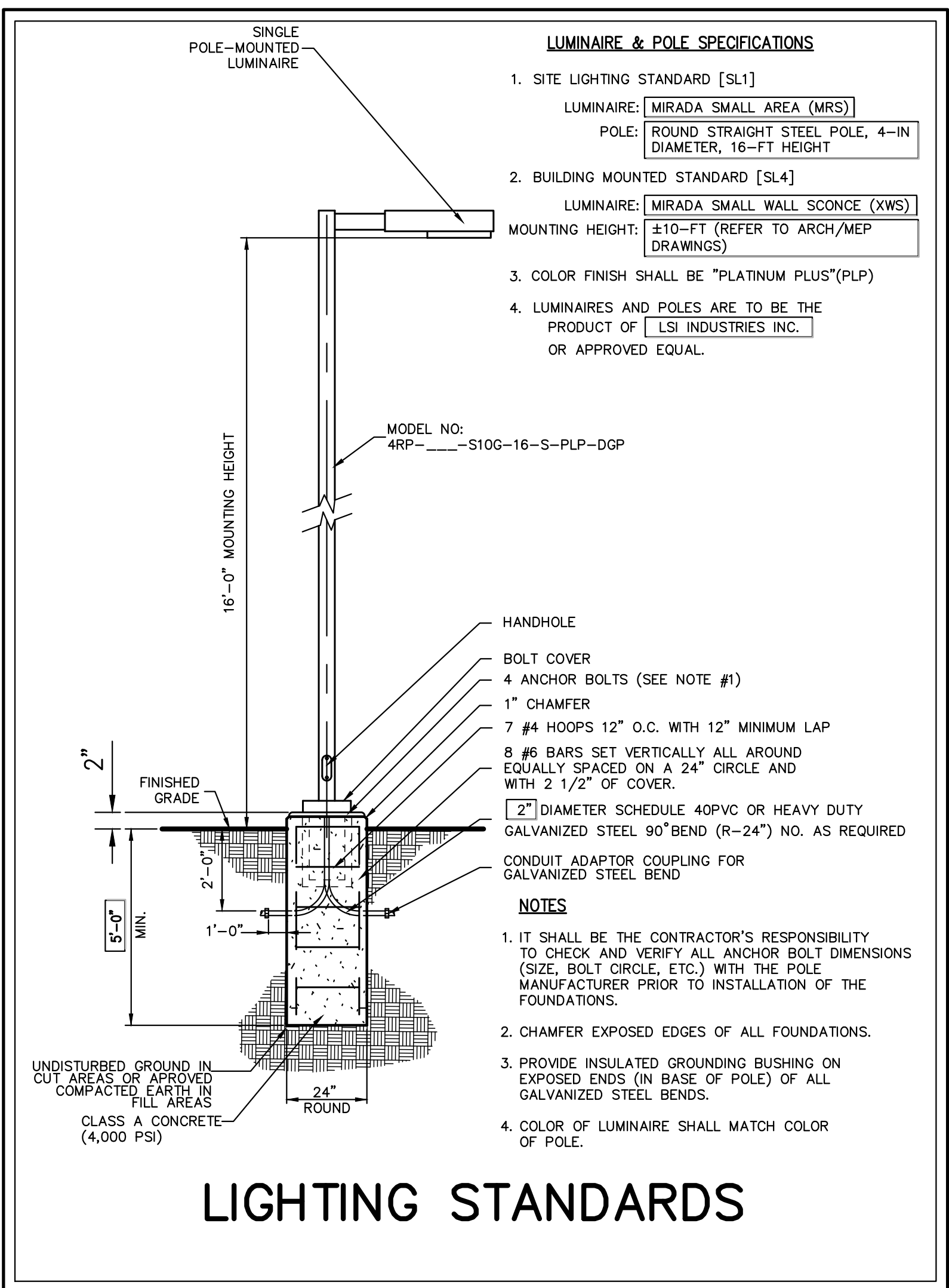
C-400

Luminaire Schedule						
Symbol	Qty	Model No.	Arrangement	Total Lamp Lumens	LLF	Description
● (SLL)	12	XWS-LED-09L-SLL-SW-30-70CRI-PLP	Single	N.A.	0.900	XWS-LED-09L-SLL-SW-30-70CRI-PLP
● (SL4)	12	XWS-LED-06L-FTW-30-80CRI-PLP	Single	N.A.	0.900	XWS-LED-06L-FTW-30-80CRI-PLP
Calculation Summary						
Label	CalcType	Illuminance	Units	Avg	Max	Min
Entire Area			Fc	0.70	13.1	0.0
					N.A.	N.A.



NOTES:

1. ALL CABLES AND WIRING NEEDED FOR LIGHTS SHALL BE INSTALLED UNDERGROUND IN CONDUIT. CONDUIT AND WIRING SHALL BE DESIGNED BY THE PROJECT ELECTRICAL ENGINEER.
2. REFER TO DRAWINGS PREPARED BY THE PROJECT ELECTRICAL ENGINEER FOR CONDUIT AND CIRCUITY INFORMATION.
3. AREA OF ANALYSIS SHOWN ON THIS PLAN IS LIMITED TO THE PROPOSED AREAS OF IMPROVEMENTS. ILLUMINANCE LEVELS SHOWN ARE MEASURED ON THE GROUND.



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MEP Engineer

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Landscape Architect (Playground):

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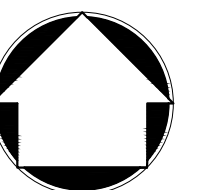
MEP/IT/Security Engineer:

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Professional Seal and Signature

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[illegible]

Project Info:

DAYCARE (B-17)

CONSTRUCTION DRAWINGS

777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591

Vendor Name: JMC, PLLC

Vendor Project No.: 20090-3

Discipline: Civil Drawn By: TC

Drawing Title:

LIGHTING PLAN

Scale: 1" = 30'

C-600

PLAN VIEW

FRONT ELEVATION

SECTION S-S

STRUCTURE CHART

STRUCTURE	STRUCTURE	RECT. WEIR	CIRCULAR ORIFICE	OUTLET CULVERT
No.	SIZE	HEIGHT	TOP GRADE ELEV.	ELEV.
005 D-3-1	4.00'x4.00'	8.40'	208.40	207.55

NOTES:

1. PRECAST CONCRETE STRUCTURE SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.

OUTLET CONTROL STRUCTURE
(005 D-3-1)

14

NOTES PERTAINING TO DRAIN INLETS

A-1 STEPS WILL NOT BE REQUIRED IN INLETS LESS THAN FOUR (4) FEET IN DEPTH. STEPS WILL BE REQUIRED IN INLETS FOUR (4) FEET OR GREATER IN DEPTH. DEPTHS FOR DRAIN INLETS SHALL BE MEASURED FROM FINISHED GRADE TO INSIDE BOTTOM OF STRUCTURE (INCLUDING SUMP AS APPLICABLE).

A-2 WHEN STEPS ARE REQUIRED, STEPS SHALL COMPLY WITH THE SAME REQUIREMENTS OF ASTM STANDARD C-478, ARTICLE 13 ENTITLED "MANHOLE STEPS & LADDERS".

A-3 FOR MASONRY STRUCTURES, THE FIRST COURSE OF MASONRY SHALL BE SET IN THE CONCRETE FOUNDATION BEFORE THE CONCRETE HAS SET. CONCRETE FOUNDATION SHALL BE CLASS "A"(4000 psi) CONCRETE, TWELVE (12) INCHES THICK AND SHALL EXTEND SIX (6) INCHES BEYOND THE OUTSIDE FACE OF THE STRUCTURE.

A-4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.

A-5 ALL NECESSARY PATCHING FOR DRAIN STRUCTURES SHALL BE ACCOMPLISHED WITH NON-SHRINKING CEMENT MORTAR GROUT, APPROVED EQUAL TO SIKKA-SET AS MANUFACTURED BY THE SIKKA CHEMICAL CORP.

A-6 FOUNDATIONS FOR PRECAST CONCRETE STRUCTURES SHALL BE SET ON A COMPACTED LAYER OF APPROVED CRUSHED STONE HAVING A MINIMUM COMPACTED THICKNESS OF EIGHT (8) INCHES.

A-7 ALL PIPES SHALL BE CUT FLUSH WITH THE INSIDE WALL OF THE STRUCTURE.

A-8 PROVIDE REINFORCED CONCRETE TOP SLAB FOR OVERSIZED DRAIN INLETS WITH PROPER SIZE OPENING TO ACCOMMODATE INSTALLATION OF FRAME & GRATE.

A-9 FOR MASONRY STRUCTURES GREATER THAN TEN (10) FEET IN DEPTH, THICKNESS OF MASONRY WALLS SHALL BE INCREASED TO TWELVE (12) INCHES.

A-10 FOR ALL STRUCTURES GREATER THAN 10 FEET IN DEPTH, STRUCTURES SHALL PROVIDE MINIMUM INSIDE DIMENSIONS OF 4 FEET X 4 FEET.

NOTES PERTAINING TO MANHOLES

B-1 PRECAST CONCRETE MANHOLES SHALL COMPLY WITH ASTM STANDARD C-478. MANHOLE JOINTS SHALL COMPLY WITH ASTM STANDARD C-443.

B-2 FOR PRECAST CONCRETE MANHOLES FIVE (5) FEET OR LESS IN HEIGHT, TOP CONE SECTION SHALL BE REPLACED WITH PRECAST REINFORCED CONCRETE SLAB (6" MIN. THICKNESS) WITH OPENING OF SUFFICIENT SIZE TO ACCOMMODATE MANHOLE CASTING.

B-3 FOR MANHOLES 10 FEET OR MORE IN DEPTH, MANHOLE DIAMETER SHALL BE FIVE (5) FEET.

B-4 TERMINAL MANHOLE FLOORS SHALL BE SLOPED TOWARD OUTFALL PIPE.

B-5 INVERT CHANNELS FOR PRECAST CONCRETE MANHOLES SHALL BE CONSTRUCTED OF CONCRETE.

B-6 NOTES A-1, A-2, A-4, A-5, A-6 & A-7 UNDER "NOTES PERTAINING TO DRAIN INLETS" ABOVE SHALL APPLY TO MANHOLES.

NOTES PERTAINING TO PRECAST CONCRETE STRUCTURES FOR STORM DRAINS, SANITARY SEWERS AND WATER LINES

C-1 ALL PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.

C-2 STEPS SHALL BE LOCATED WITHIN STRUCTURE TO AVOID PLACEMENT OVER PIPES WHEN PRACTICABLE.

UTILITY NOTES

17

CHANNEL CROSS SECTION

ACCESSIBLE PARKING SIGN

NOTES:

1. IMMEDIATELY AFTER GRADING OPERATIONS, THE GRASS SWALE SHALL BE STABILIZED WITH SOD CONTAINING A MIXTURE OF 50% KENTUCKY BLUEGRASS, 20% CREEPING RED FESCUE AND 30% PERENNIAL RYEGRASS. SOD SHALL BE CUT IN UNIFORM WIDTH STRIPS OF ONE GRASS.

2. FOR SWALE SLOPES EXCEEDING 8%, JUTE MESH SHALL BE UTILIZED TO STABILIZE THE SWALE BASE.

3. AREA ADJACENT TO SWALE TO BE BROUGHT TO FINISHED GRADE IMMEDIATELY AS REQUIRED, TOPSOILED, SEEDING AND MAINTAINED FOR EROSION CONTROL.

ACCESSIBLE PARKING SIGN

18

HORIZONTAL SEPARATION

SANITARY SEWER OR STORM DRAIN OVER WATER MAIN

WATER MAIN OVER SANITARY SEWER OR STORM DRAIN

NOTES:

1. NORMAL CONDITIONS:

A. WHENEVER A WATER MAIN MUST CROSS OVER OR UNDER A SANITARY SEWER OR STORM DRAIN, THE PIPES SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION BETWEEN THEM OF AT LEAST 18 INCHES, AS MEASURED FROM THE BOTTOM OF THE HIGHER PIPE TO THE CROWN OF THE LOWER PIPE.

B. FULL LENGTH OF WATER PIPE MUST BE CENTERED AT THE POINT OF CROSSING; NO JOINTS WILL BE PERMITTED AT THE POINT OF CROSSING.

2. WATER MAIN CROSSING UNDER SANITARY SEWERS:

A. VERTICAL SEPARATION OF 18 INCHES MUST BE PROVIDED.

B. ADEQUATE STRUCTURAL SUPPORT MUST BE PROVIDED FOR THE SANITARY SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING.

C. FULL LENGTH OF WATER PIPE MUST BE CENTERED AT THE POINT OF CROSSING; NO JOINTS WILL BE PERMITTED AT THE POINT OF CROSSING.

3. IF DURING CONSTRUCTION IT IS FOUND THAT THE REQUIRED SEPARATION OF WATER MAINS, SANITARY SEWERS, STORM SEWERS AND BUILDING SANITARY SEWERS CANNOT BE MET, THE CONTRACTOR OR HIS AUTHORIZED REPRESENTATIVE SHALL IN WRITING ADVISE AGENCY OF THE SPECIFIC CONDITIONS ENCOUNTERED. APPROVAL OF ALTERNATIVE SEPARATION CRITERIA SHALL BE OBTAINED FROM THE TOWN OF MOUNT PLEASANT AND COUNTY DEPARTMENT OF HEALTH PRIOR TO INSTALLATION.

SEPARATION OF WATER & SANITARY SEWER/STORM DRAIN LINES

15

90° PARKING
(SINGLE STRIPING - CURBED PERIMETER)

GRASS SWALE

NOTES:

1. RAMP AND SIDE RAMP SHALL HAVE DETECTABLE WARNINGS CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 INCHES.

2. THEY SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT IN ACCORDANCE WITH SECTION 4.29.2, FEDERAL REGISTER, VOLUME 56, NO. 144, RULES AND REGULATIONS, APPENDIX A TO PART 36 - STANDARDS FOR ACCESSIBLE DESIGN (AMERICANS WITH DISABILITIES ACT), DATED JULY 26, 1991 AND SUBSEQUENT REVISIONS.

3. SLOPES IN HANDICAP PARKING AREAS SHALL NOT EXCEED 1.5%.

4. SEE SITE PLANS/SIGN TABLE FOR SIGN DESIGNATIONS, LOCATIONS AND SPECIFICATIONS.

GRASS SWALE

19

SECTION A-A

ELEVATION

D	C	T	B	B	B
MIN.	MIN.	MIN.	MIN.	MIN.	MIN.
12"	5'-0"	8"	5'-0"	6'-0"	7'-0"
15"	5'-3"	8"	5'-6"	7'-0"	8'-9"
18"	5'-6"	8"	6'-0"	8'-0"	10'-6"
21"	5'-9"	10"	7'-0"	9'-0"	12'-3"
24"	6'-0"	10"	8'-0"	10'-0"	14'-0"
27"	6'-3"	12"	8'-6"	11'-0"	15'-9"
30"	6'-6"	12"	9'-0"	12'-0"	17'-6"
36"	7'-0"	12"	10'-6"	13'-6"	19'-6"
42"	7'-6"	12"	12'-0"	15'-0"	22'-6"
48"	8'-0"	12"	13'-6"	16'-6"	25'-6"
54"	8'-6"	12"	15'-0"	18'-0"	28'-6"

PRECAST CONCRETE HEADWALL (TYPE B)

16

HANDICAP PARKING

NOTES:

1. RAMP AND SIDE RAMP SHALL HAVE DETECTABLE WARNINGS CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 INCHES.

2. THEY SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT IN ACCORDANCE WITH SECTION 4.29.2, FEDERAL REGISTER, VOLUME 56, NO. 144, RULES AND REGULATIONS, APPENDIX A TO PART 36 - STANDARDS FOR ACCESSIBLE DESIGN (AMERICANS WITH DISABILITIES ACT), DATED JULY 26, 1991 AND SUBSEQUENT REVISIONS.

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4. SEE SITE PLANS/SIGN TABLE FOR SIGN DESIGNATIONS, LOCATIONS AND SPECIFICATIONS.

HANDICAP PARKING

21

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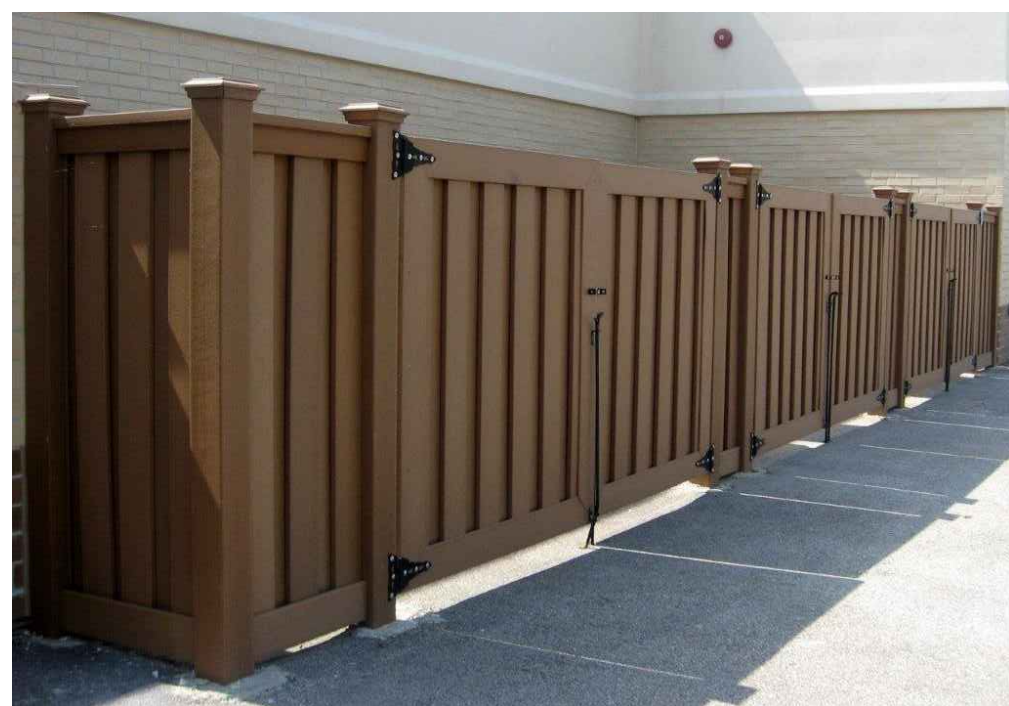
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777 OLD SAW MILL RIVER ROAD
MOUNT PLEASANT, NY 10591
Vendor Name: JMC, PLLC
Vendor Project No.: 20090-3
Discipline: Civil
Drawing Title:
Scale: N.T.S.

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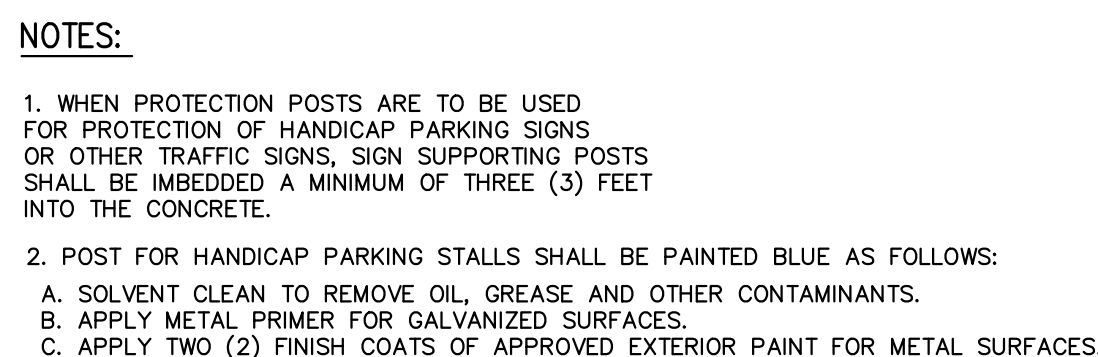
NOTES:

1. METAL FLANGES, CLEATS, BOLTS, SCREWS, ETC. SHALL BE STAINLESS STEEL OR GALVANIZED STEEL.
2. SEE SITE LAYOUT PLANS FOR LOCATION. REFER TO ELECTRICAL PLANS FOR EXACT DIMENSIONS OF GENERATOR ENCLOSURE. CONCRETE PADS FOR GENERATOR BY OTHERS.
3. CONTRACTOR SHALL DRILL TWO (2) HOLES IN THE CONCRETE TO ALLOW FOR DROP RODS TO HOLD GATES IN THE OPEN AND CLOSED POSITION.



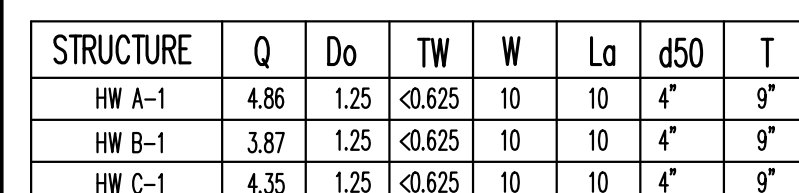
NOTE

1. SEE PLAN FOR ELEVATIONS OF BIORETENTION AREA.
2. PRIOR TO CONSTRUCTION REMOVE EXISTING CASTING AND CONFIRM TOP ELEVATION OF EXISTING STRUCTURE.
3. A NEW CONCRETE COLLAR IS TO BE FABRICATED WITH ORIFICE AND NEW GRATE TO BE PLACED ON TOP.



1. WHEN PROTECTION POSTS ARE TO BE USED FOR PROTECTION OF HANDICAP PARKING SIGNS OR OTHER TRAFFIC SIGNS, SIGN SUPPORTING POSTS SHALL BE IMBEDDED A MINIMUM OF THREE (3) FEET INTO THE CONCRETE.
2. POST FOR HANDICAP PARKING STALLS SHALL BE PAINTED BLUE AS FOLLOWS:
 - A. SOLVENT CLEAN TO REMOVE OIL, GREASE AND OTHER CONTAMINANTS.
 - B. APPLY METAL PRIMER FOR GALVANIZED SURFACES.
 - C. APPLY TWO (2) FINISH COATS OF APPROVED EXTERIOR PAINT FOR METAL SURFACES.

30



NOTES

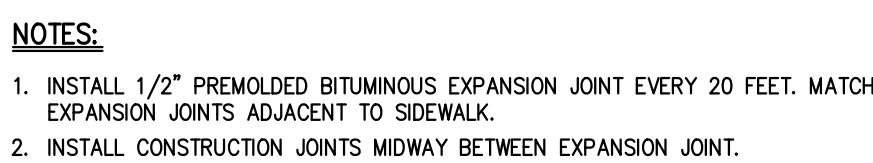
1. STONE OBTAINED FROM THE SITE EXCAVATION WHICH CONFORMS TO THE SPECIFICATIONS MAY BE USED AS RIP-RAP.
2. REFER TO HEADWALL DETAIL FOR ADDITIONAL INFORMATION.

SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO THE ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 OF THE DESIGN DEPTH OF TRAPS 1-II, AND 1/3 THE DEPTH FOR TRAP III. SEDIMENT REMOVED FROM THE TRAP SHALL BE DEPOSITED IN A PROTECTED AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.



1. MAXIMUM DRAINAGE AREA 5 ACRES.
2. $W = \text{DIAMETER OF RISER} + 24'$
3. FOR THE RISER DIAMETER 18", THE NUMBER OF ORIFI BY ROW WILL BE 8.
4. REFER TO EROSION & SEDIMENT CONTROL PLANS FOR SPECIFIC INFORMATION ON EACH SEDIMENT TRAP.
5. ALL SIDE SLOPES SHALL BE STABILIZED WITH SEED, MULCH, STONE, HYDROSEED OR OTHER ACCEPTABLE MEASURE TO PROJECT ENGINEER.
6. RISER AND OUTLET PIPES FOR TRAPS SHALL BE WATERTIGHT HOPE PIPE.
7. ANCHOR STRAPS ARE REQUIRED IF MORE THAN 7 FEET OF PIPE IS EXPOSED IN BOTH DIRECTIONS. STRAPS SHALL BE EMBEDDED IN 36"x36"x6" CONCRETE PAD.

31



35



36

32



37

33

34

36

38

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www.jmcp LLC.com

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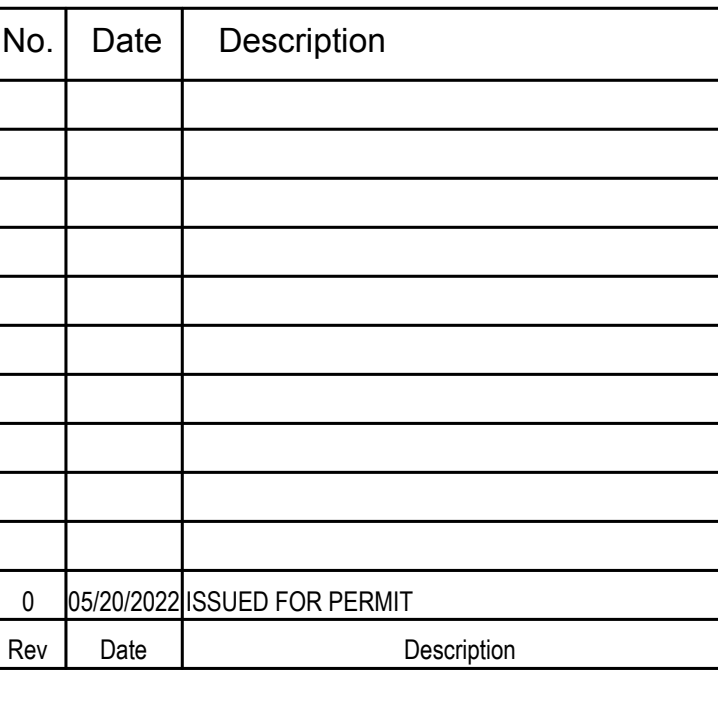
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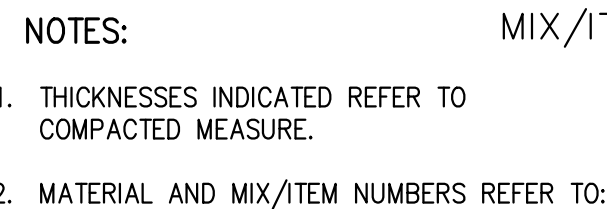
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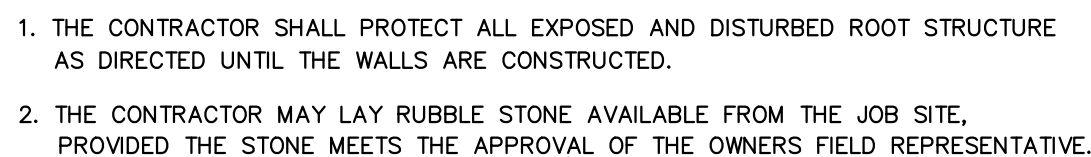
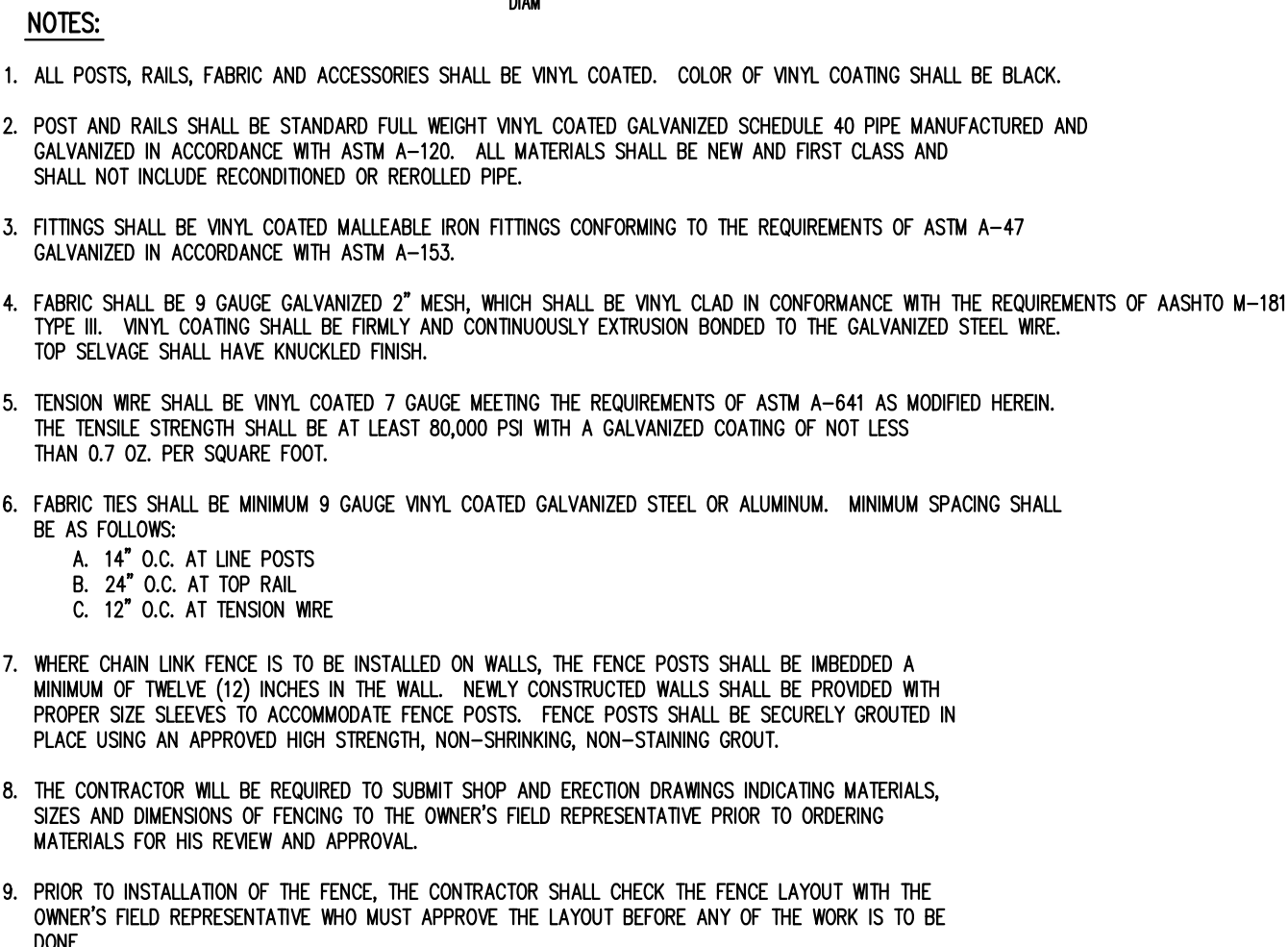
CONSTRUCTION DETAILS

Scale: N.T.S

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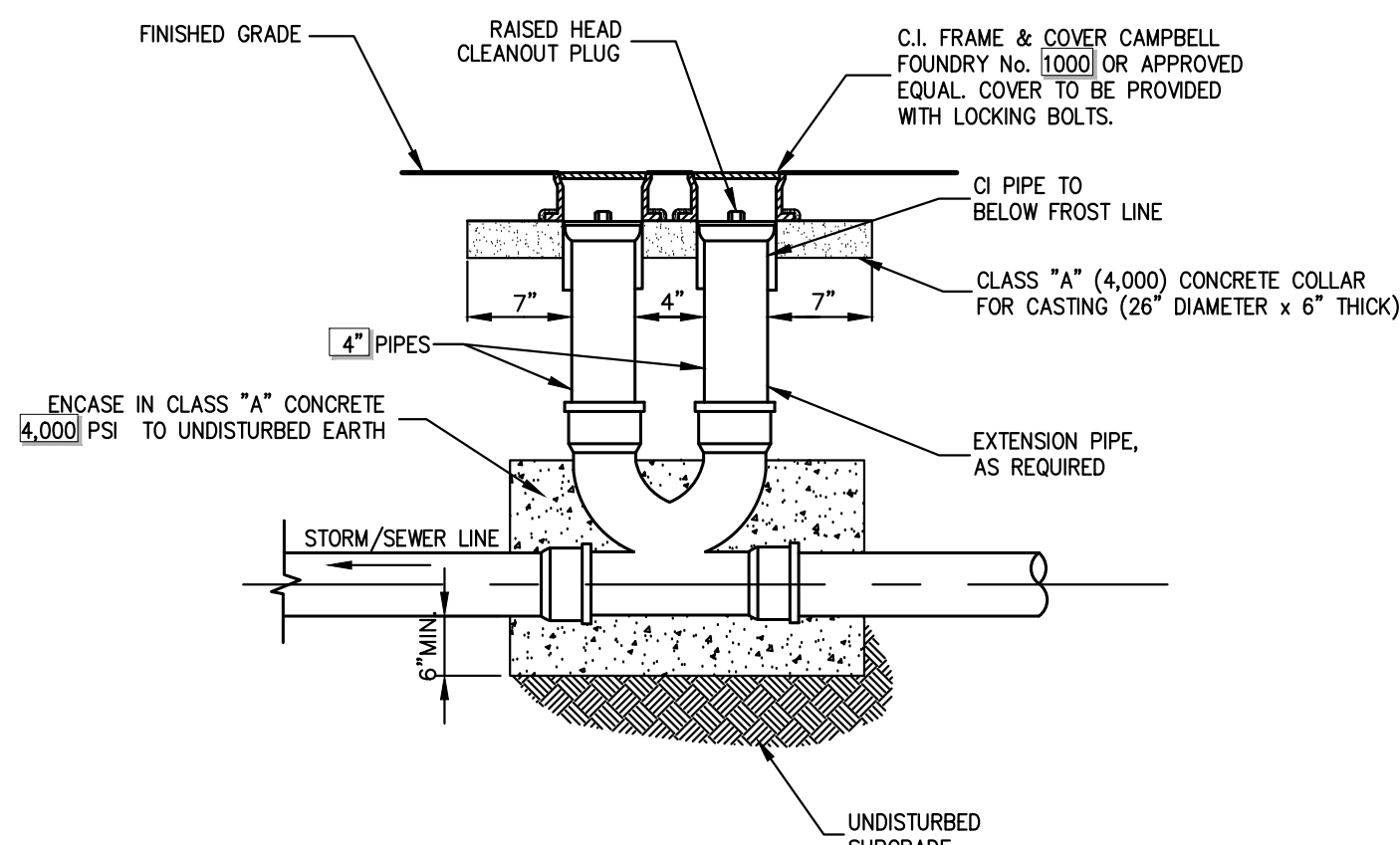


NEW YORK STATE

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS

NOTES:

1. ALL PIPE MATERIAL FOR CLEANOUT TO BE SDR35 PVC.
2. FOR INVERT OF SEWER LINE SEE PLAN.



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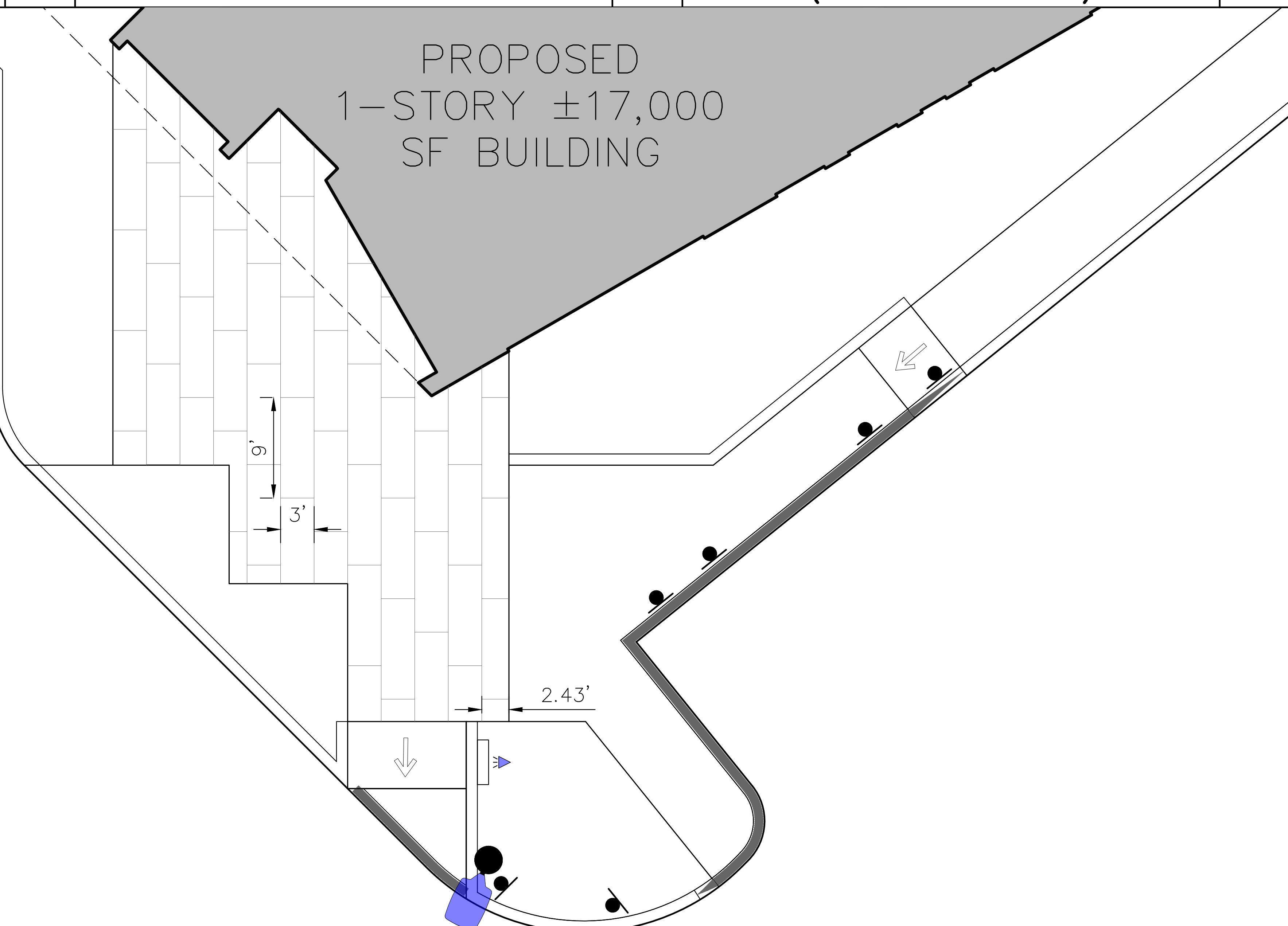
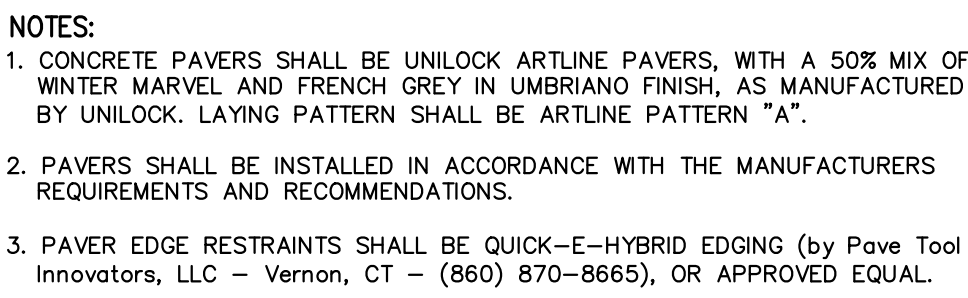
CHAIN LINK FENCE

48

49

DOUBLE HANDHOLE CLEANOUT (STORM AND SANITARY)

50



CONCRETE PAVERS
(PAVER ALTERNATE ONE)

50

POURED CONCRETE PAVEMENT (PAVER ALTERNATE TWO)

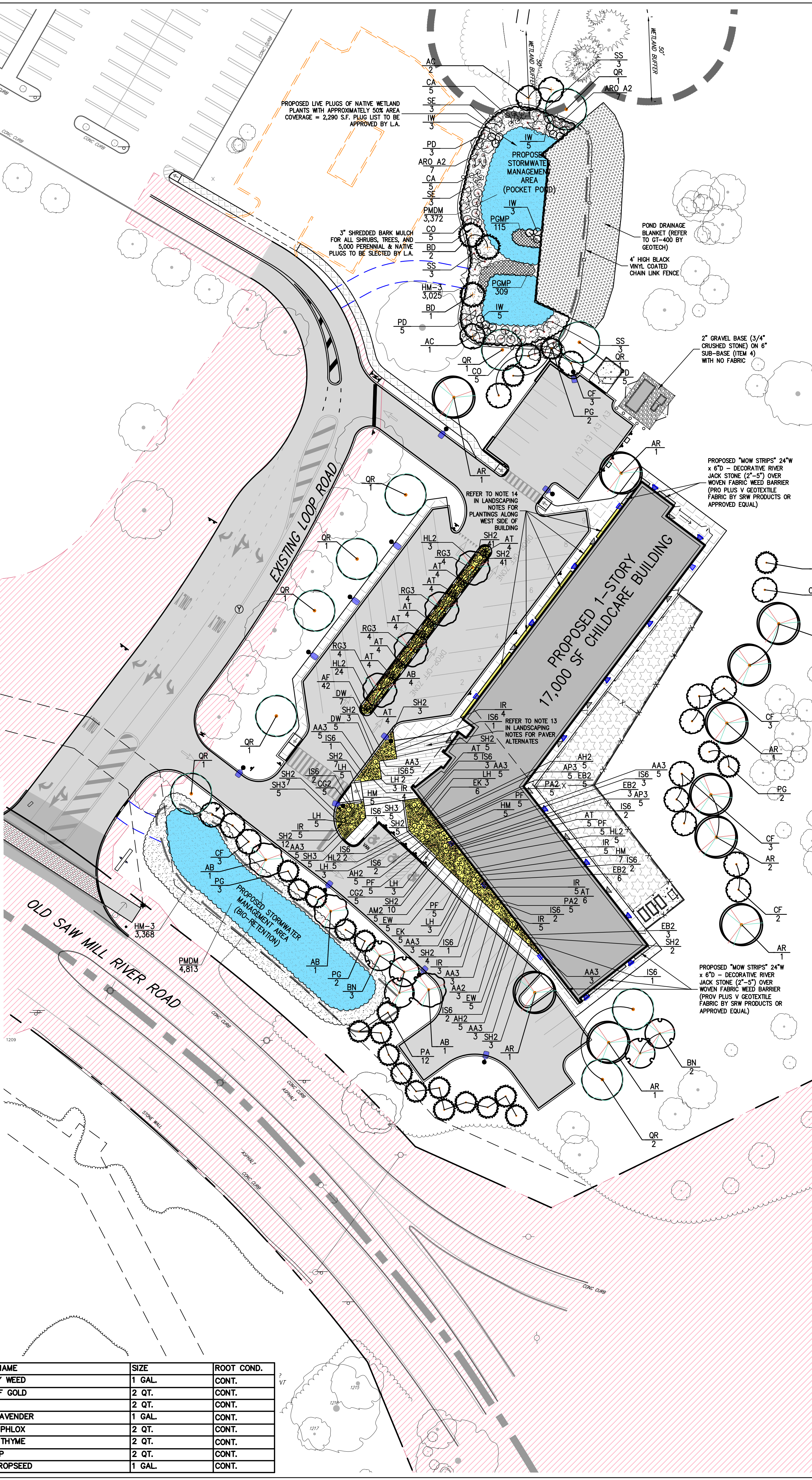
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LANDSCAPING NOTES:

- ALL PLANT MATERIAL SHALL BE FIRST QUALITY NURSERY STOCK, CERTIFIED TRUE TO THEIR GENUS, SPECIES AND VARIETY, AND SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK," PUBLISHED BY AMERICAN HORT (AND 2003), LATEST EDITION.
- ALL AREAS OF THE SITE NOT OCCUPIED BY BUILDING OR PAVEMENT AND NOT SPECIFIED AS BEING PLANTED WITH TREES, SHRUBS OR GROUND COVER SHALL BE LAWN.
- ALL PLANTING BEDS SHALL BE MULCHED WITH 3" OF CLEAN, NON-DYED, TOXIC FREE, ORGANIC MATERIAL, CONSISTING OF SHREDDED HARDWOOD, ROOT MUCK, SHREDDED CEDAR OR BARK CHIPS.
- PLANT MATERIALS AS SPECIFIED ON THE DRAWINGS AND DELIVERED TO THE SITE SHALL BE NURSERY GROWN AND CERTIFIED TRUE TO THEIR GENUS, SPECIES AND VARIETY. SUBSTITUTIONS ARE NOT PERMITTED WITHOUT THE WRITTEN APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT.
- ALL LANDSCAPING SHALL CONTINUE TO BE MAINTAINED IN A HEALTHY GROWING CONDITION THROUGHOUT THE DURATION OF THE PROJECT. ANY PLANTING NOT SO MAINTAINED SHALL BE REPLACED WITH NEW PLANTS AT THE BEGINNING OF THE NEXT, IMMEDIATELY FOLLOWING, GROWING SEASON.
- ALL TREES AND SHRUBS SHALL BE PRUNED AND SHAPED AND BE SUBJECT TO THE APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT AND ALL AUTHORITIES HAVING JURISDICTION.
- PLANTING STOCK SHALL BE WELL-BRANCHED AND WELL-FORMED, SOUND, MOROROUS, HEALTHY, FREE FROM DISEASE, SUN-SCALE, WINDBURN, ABRASION, AND HARMFUL INSECTS OR INSECT EGGS, AND SHALL HAVE HEALTHY, NORMAL UNBROKEN ROOT SYSTEMS. DECIDUOUS TREES AND SHRUBS SHALL BE SYMMETRICALLY DEVELOPED, OF UNIFORM HABIT OF GROWTH, WITH STRAIGHT TRUNKS OR STEMS, AND FREE FROM OBJECTIONABLE DISFIGURING, MORE OVER, EVERGREEN TREES AND SHRUBS SHALL HAVE WELL-DEVELOPED SYMMETRICAL TOPS WITH TYPICAL SPREAD OF BRANCHES FOR EACH PARTICULAR SPECIES OR VARIETY. ONLY WINES AND GROUND COVER PLANTS WELL ESTABLISHED IN REMOVAL CONTAINERS, INTEGRAL CONTAINERS, OR FORMED HOMOGENEOUS SOIL SECTIONS SHALL BE USED. PLANTS SHALL BE GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT.
- PLANTS SHALL BE GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT. SOURCES OF ALL PLANT MATERIAL SHALL BE DISCLOSED TO PROJECT LANDSCAPE ARCHITECT AND OWNER PRIOR TO DELIVERY.
- ALL STOCK SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN STOCK, UNLESS OTHERWISE SPECIFIED. BAREROOT STOCK OF ANY KIND IS UNACCEPTABLE UNLESS SPECIFIED. SOIL WITHIN ALL PLANTING BEDS SHALL BE PREPARED AS DIRECTED IN THE PLANTING DETAILS AND PROJECT SPECIFICATIONS PRIOR TO INSTALLATION OF PLANT MATERIAL.
- ALL PLANTING BEDS, LAWNS AND LANDSCAPED AREAS SHALL RECEIVE A MINIMUM 4" THICK LAYER OF TOPSOIL, UNLESS OTHERWISE SPECIFIED.
- ALL DISTURBED AREAS THAT ARE NOT IDENTIFIED WITH A SPECIFIC SEED MIX, SHALL BE A DROUGHT TOLERANT LAWN MIX TO BE APPROVED BY THE LANDSCAPE ARCHITECT.
- ALL AREAS DISTURBED OR DAMAGED DURING THE COURSE OF THE CONTRACTOR'S WORK SHALL BE REPAIRED OR RESTORED TO ORIGINAL OR CONSTRUCTED CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PERENNIALS AND ORNAMENTAL GRASSES @ 1 GAL. EACH TO COVER 1,072 S.F. ALONG THE SOUTHWEST FACE OF THE BUILDING @ 2" TO 3" SPACING FOR A TOTAL OF 500 1-GALLON PLANTS TO BE SELECTED BY THE L.A. - SEE PLANS.
- PLUGS IN POCKET POND SHALL BE @ 1' SPACING FOR A TOTAL OF 2,900 PLUGS, LIST TO BE APPROVED BY L.A. PRIOR TO ORDERING.
- PAVER ALTERNATES:
 - ALTERNATE ONE: CONCRETE PAVERS SHALL BE UNLOCK ARTLINE PAVERS, WITH A 50% MIX OF WINTER MARBLE AND FRENCH GREY IN UNBURNED FINISH.
 - ALTERNATE TWO: CONCRETE PAVES ALTERNATIVE SHALL BE POURED CONCRETE PAVEMENT - ROMANIAN SANDSCAPE FINISH, MIX OF NICOLE GREY AND FRENCH GREY - WITH SAWCUT SCORING IN 3-FT WIDE BY 9-FT LONG PLANKS.
- THE CONTRACTOR SHALL SUPPLY THE FOLLOWING PLANT MATERIAL TO BE PLACED IN THE FIELD BY THE LANDSCAPE ARCHITECT AS FOLLOWS:

QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT COND.
15	ASCLEPIAS TUBEROSA	BUTTERFLY WEED	1 GAL.	CONT.
25	AURINIA SAXATILIS 'COMPACTA'	BASKET OF GOLD	2 QT.	CONT.
25	DIANTHUS FIREWITCH	PINKS	2 QT.	CONT.
10	LAVENDULA HIDCOTE	ENGLISH LAVENDER	1 GAL.	CONT.
25	PHLOX STOLONIFERA	CREEPING PHLOX	2 QT.	CONT.
35	THYMUS SERPYLLUM	CREEPING THYME	2 QT.	CONT.
35	SEDUM TERNATUM	STONECROP	2 QT.	CONT.
30	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL.	CONT.



LEGEND	
	PROPOSED DECIDUOUS TREE
	PROPOSED ORNAMENTAL/FLOWERING TREE
	PROPOSED EVERGREEN TREE
	PROPOSED SHRUBS
	PROPOSED PERENNIAL AND ORNAMENTAL GRASS PLANTS 1 GAL. EACH
	PRAIRIE MOON DETENTION BASIN SEED MIX WITH SEED ENHANCEMENT FOR WETTER SOILS (PMDM)
	PROPOSED HM-3 MIX
	AREA OF DRP IRRIGATION

TREE REPLACEMENT CALCULATIONS	
DENSITY FACTOR FOR SITE: DFFS = 5.10 AC * 15 = 76.50	
EXISTING DENSITY FACTOR: EDF = (TWELVE 10" TREES * 0.6) + (EIGHT 12" TREES * 0.8) + (SEVEN 14" TREES * 1.1) + (TEN 16" TREES * 1.4) + (TEN 18" TREES * 1.8) + (SIX 20" TREES * 2.2) + (EIGHT 22" TREES * 2.6) + (NINE 24" TREES * 3.1) + (TWO 26" TREES * 3.7) + (THREE 28" TREES * 4.3) + (THREE 30" TREES * 4.8) + (THREE 32" TREES * 5.5) + (THREE 36" TREES * 7.0) + (THREE 38" TREES * 7.5) + (THREE +40" TREES * 8.0) = 234.20	
REQUIRED REPLACEMENT DENSITY FACTOR: RDF = 76.50 - 234.20 = -157.70	
PROPOSED REPLACEMENT DENSITY FACTOR: PDF = (6 PA * 0.7) + (10 PG * 0.7) + (7 AB * 0.7) + (9 AR * 0.5) + (6 BN * 0.7) + (15 CF * 0.7) + (8 QR * 0.5) = 39.3	

SEED MIX NOTES:	
PMDM	DETENTION BASIN SEED MIX (80% - 9.39 LBS/AC) WITH SEED MIX ENHANCEMENT FOR WETTER SOILS (20% - 2.03 LBS/AC) BY PRAIRIE MOON NURSERY, WINONA, MN (866) 417-8156. FOR A COVER CROP USE ONE OF THE FOLLOWING: GRAIN RYE (SEP-APR; 30 LBS/AC), JAPANESE MILLET (MAY-AUG; 10 LBS/AC), OR BARNYARD GRASS (MAY-AUG; 10 LBS/AC), AND/OR AS PER THE MANUFACTURER'S RECOMMENDATION FOR AN APPROPRIATE COVER CROP.
HM-3	NYSDEC STORMWATER BASIN MIX #3 [HERBACEOUS] (20-40 LBS/AC) OR 1 LB. PER 1,000 SF. ELYMUS RIPARIUS (RIVERBANK WILD RYE)(20%) ELYMUS VIRGINICUS (VIRGINIA WILD RYE)(20%) POA PALUSTRIS (FOWL BLUEGRASS)(20%) Panicum CANDESTRUM (DEER TONGUE)(10%) Panicum VIRGATUM (SWITCHGRASS)(10%) Senna HEBCARPA (WILD SENNA)(10%) ANDROPOGON GERARDI (BIG BLUESTEM)(20%) DESCHAMPSIA CAESPITOSA (TUFTED HAIRGRASS)(2%) GLYCERIA STRIATA (FOWL MANNAGRASS)(2%) LOBELIA CARDINALIS (CARDINAL FLOWER)(2%) JUNCUS EFFUSUS (SOFT RUSH)(1%) POLYGONUM SPP. (SMARTWEED)(1%)

- NETLAND BUFFER MITIGATION NOTES:
- INSTALL EROSION CONTROL MEASURES.
 - REMOVE ALL TRASH, DEBRIS, AND DEAD/OVERGROWN VEGETATION.
 - EVANS ASSOCIATES WILL IDENTIFY AND TAG INVASIVE PLANTS TO BE REMOVED FROM WITHIN THE BUFFER AREA.
 - REMOVE INVASIVE PLANTS. REMOVAL TO INCLUDE ENTIRE PLANT AND ROOT SYSTEM.
 - ALL INVASIVE PLANTS SHALL BE A CUT STUMP APPLICATION OF NYSDEC APPROVED ORGANIC HERBICIDE IMMEDIATELY AFTER CUTTING. CUT STUMP TREATMENTS SHOULD BE CONDUCTED DURING THE GROWING SEASON AFTER FULL LEAF EXPANSION WHEN NUTRIENTS ARE ACTIVELY BEING TRANSFERRED TO THE ROOTS. DELAY IN APPLICATION AFTER CUTTING MAY RESULT IN REDUCED EFFECTIVENESS. SPECIAL AQUATIC FORMULATIONS ARE REQUIRED FOR ALL WETLAND ZONES. THE CONTRACTOR SHALL BE REQUIRED TO HAVE A STATE ISSUED PESTICIDE APPLICATOR LICENSE WHEN APPLYING THE ORGANIC CHEMICAL AND PERMITS AS REQUIRED.
 - IF INVASIVE VINES ARE TWINING AROUND OTHER HOST SHRUBS OR TREES, AVOID APPLYING HERBICIDE TO THE PLANT.
 - DISPOSE: REMOVE ALL PLANT PARTS FROM SITE IN COVERED TRUCK PER NYSDEC APPROVAL DISPOSAL METHODS. DISPOSE OF IN APPROVED LANDFILL OR INCINERATE WITH APPROPRIATE PERMITS.
 - SANITATION: CLEAN ALL CLOTHING, BOOTS, AND EQUIPMENT TO PREVENT SPREAD OF SEED.
 - INVASIVE PLANT MATERIALS TO BE DISCARDED OFF SITE.
 - INSTALL PLANT MATERIALS AS PER APPROVED PLAN AND PLANT SCHEDULE.
 - CONTRACTOR TO REMOVE ALL EXISTING INVASIVE VEGETATION FROM WITHIN THE DISTURBED BUFFER AREAS. SURFACE AREA TO BE ROUGH-GRADED AS PER PLAN. REMOVE ALL ROOTS WITHIN 6-12 INCHES OF SURFACE. ENTIRE SURFACE AREA TO BE POWER RAKED AND FIRST (6) INCHES OF SOIL TILLED AND ANY WEEDY MATERIAL OF ROOTS TO BE REMOVED.
 - ENGINEER OR ENVIRONMENTAL CONSULTANT TO RENEW AND APPROVE ROUGH GRADES PRIOR TO HERBICIDE TREATMENT AND PLANTING.
 - ONCE ROUGH GRADES ARE APPROVED, THE ENTIRE SURFACE AREA WILL BE SPRAYED WITH AN APPROVED GLYPHOSATE BASED HERBICIDE FOR WETLAND USE (I.E. RODEO OR ACCORD). AREA TO SIT FOR TWO WEEKS PRIOR TO PLANTINGS FOR SEEDING.
 - SEED AREA AS PER PLANS AND RATES AFTER TWO WEEKS MINIMUM FROM INITIAL SPRAYING OF HERBICIDE.
 - HAND BROADCASTING SEED METHODS AS FOLLOWS: MIDLIFLOWER AND GRASS SEED MIXES AS NOTED ON PLANS (APPLIED AT A RATE OF 40 LBS/AC) TO INCLUDE A NURSE CROP OF ANNUAL RYE GRASS AT A RATE OF 1 LB PER 5,000 SQ.F.T. MIX ALL SEED WITH A CARRIER TO CONSIST OF SLIGHTLY DAMPENED SAWCUT OR VERMICULITE (APPROXIMATELY TWO BUSHEL BASKETS OF SAWCUT PER 1,000 SQ.F.T.).
 - THE SEED CARRIER MIXTURE TO BE DAMPENED WITH WATER, JUST UNTIL IT IS SLIGHTLY DAMP TO THE TOUCH. THE WATER IS NECESSARY SO THE SEED ADHERES TO THE CARRIER, WHICH AIDS IN EVEN DISTRIBUTION OF THE SEED.
 - AFTER MIXING YOUR SEED INTO THE CARRIER, DIVIDE THIS MIXTURE INTO TWO EQUAL PARTS.
 - HAND BROADCAST ONE HALF OF THE SEED MIXTURE OVER THE ENTIRE SITE (I.E. IN A NORTH TO SOUTH DIRECTION).
 - HAND BROADCAST THE SECOND HALF OF THE SEED OVER THE SITE, WALKING PERPENDICULAR TO THE DIRECTION YOU SEED IN THE FIRST HALF. THIS "CROSS PATTERN" SEEDING ENSURES EVEN SEED DISTRIBUTION.
 - RAKE OR GRAB THE AREA WITH 1/4"-1/2" OF SOIL. (DO NOT BRING IN TOPSOIL TO ACHIEVE THIS, AS THIS WILL POTENTIALLY INTRODUCE MORE WEED SEED ON SITE).
 - FIRM THE SEEDING AREA BY ROLLING THE SITE WITH A HAND ROLLER. WILDFLOWER SEED AND GRASSES REQUIRES FIRM SEED TO SOIL CONTACT FOR GOOD GERMINATION.
 - MULCH THE PLANTING AREA WITH APPROXIMATELY 1" OF WEEP FREE STRAW MULCH CAN BE LAID BY HAND OR BLOWN INTO THE SITE, MECHANICALLY.

PLANT SCHEDULE						
TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT COND.	REMARKS
BD	4	Betula Nigra	Dura Heat River Birch	8' - 10' HT.	B & B	
EVERGREEN TREES						
PA	12	Picea Abies	Norway Spruce	8'-10' HT	B & B	
PG	10	Picea Glauca	White Spruce	8'-10' HT	B & B	
DECIDUOUS TREES						
AB	7	Acer rubrum 'Bowhall'	Bowhall Red Maple	6'-8' HT.	B & B	
AR	10	Acer Rubrum 'Red Sunset'	Red Maple	3" - 3 1/2" Cal.	B & B	
AC	4	Amelanchier Canadensis	Shadblow Serviceberry	6' -10' HT.	B & B	
BN	5	Betula Nigra 'Heritage'	Heritage River Birch	7'-8' HT.	B & B	
CF	11	Cornus Florida	Flowering Dogwood	6'-8' HT.	B & B	
QR	15	Quercus Rubra	Red Oak	2.5-3"	B & B	
ANNUALS/PERENNIALS						
AA2	3	Alchemilla mollis	Lady's Mantle	1 gal.	CONT.	
AM2	5	Allium x 'Millenium'	Millenium Ornamental Onion	1 gal.	CONT.	
AH2	15	Amonia hubrichtii	Arkansas Bluestar	1 gal.	CONT.	
AA3	37	Aronia melanocarpa 'Moundscape'	Dwarf Chokeberry	2 gal.	CONT.	
AT	48	Asclepias tuberosa	Butterfly Milkweed	1 gal.	CONT.	
AP3	10	Aster 'Purple Dome'	Fall Blooming Aster	1 gal.	CONT.	
CO	21	Cephalanthus occidentalis	Buttonbush	5 GAL.	CONT.	
CG2	10	Coreopsis grandiflora	Ticksseed	5 gal.	CONT.	
CA	15	Cornus Amomum	Silky Dogwood	3 GAL.	CONT.	
DW	12	Dianthus gratianopolitanus 'Firewitch'	Firewitch Pink	1 gal.	CONT.	
EW	10	Echinacea purpurea 'White Swan'	White Swan Coneflower	1 gal.	CONT.	
EB2	17	Eupatorium dubium 'Baby Joe'	Baby Joe Joe-Pye Weed	2 gal.	CONT.	
HM	17	Heuchera americana	Coral Bells	1 gal.	CONT.	
HL2	37	Hydrangea paniculata 'Little Lamb'	Little Lamb Hydrangea	5 gal.	CONT.	
IS6	27	Ilex crenata 'Soft Touch'	Soft Touch Japanese Holly	5 gal.	CONT.	
IR	31	Itea virginica 'Fizzy Mizzy'	Dwarf Sweetpire	3 gal.	CONT.	
LH	25	Lavandula angustifolia 'Hidcote'	English Lavender	1 gal.	CONT.	
PF	20	Pennisetum alopecuroides 'Foxrot'	Foxrot Fountain Grass	1 gal.	CONT.	
PA2	10	Perovskia abrotanoides	Russian Sage	5 gal.	CONT.	
PD	21	Physocarpus Opulifolius 'Diablo'	Diablo Ninebark	5 GAL.	CONT.	
SS	9	Salix Sericea	Silky Willow	3 GAL.	CONT.	
SE	14	Sambucus Canadensis	Elderberry	5 GAL.	CONT.	
SH2	143	Sporobolus heterolepis	Prairie Dropseed	1 gal.	CONT.	
SH3	15	Stachys byzantina 'Helen von Stein'	Lamb's Ear	1 gal.	CONT.	
EK	11	Echinacea purpurea 'Kim's Knee High' TM	Purple Coneflower	1 gal.	CONT.	
AF	42	Agastache x 'Blue Fortune'	Blue Fortune Anise Hyssop	1 gal.	CONT.	
AF						
DECIDUOUS SHRUBS						
ARO A2	33	Aronia Arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry/Red Chokeberry	3 GAL.	CONT.	
IW	16	Ilex Verticillata 'Winter Red'	Winter Red Holly	5 GAL.	CONT.	
GROUND COVERS						
HM-3	7,721	NYSDEC Stormwater Basin Mix #3	Highest Zone	seed		
PGMP	424	Perennial and Grass Mix Plugs		Plug	2" PLUG	
PMDM	9,394	Prairie Moon Detention Basin Seed Mix	Lowest Zone	seed		

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No.	Date	Description
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Project Info:

DAYCARE (B-17)

CONSTRUCTION DRAWINGS

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