



**TOWN OF NEWBURGH  
PLANNING BOARD  
TECHNICAL REVIEW COMMENTS**

**PROJECT NAME:** FARRELL INDUSTRIAL PARK AMENDED SITE PLAN  
**PROJECT NO.:** 23-9  
**PROJECT LOCATION:** ROUTE 300  
SECTION 34, BLOCK 2, LOT 45  
**REVIEW DATE:** 28 OCTOBER 2024  
**MEETING DATE:** 7 NOVEMBER 2024  
**PROJECT REPRESENTATIVE:** JMC PLANNING ENGINEERING – PITINGARO & DOETSCH

1. The project now proposes a surface discharge for treated sanitary sewer effluent. A packaged sewer plant is proposed. Privately Owned Utilities Systems Zoning Chapter Section 185-20 applies to the project. Chapter Section 185-20B & C must be addressed. The Town will require a Maintenance Contract and security for performance and maintenance of the sewer system
2. NYSDEC approval for the surface water discharge is required.
3. Health Department approval for watermain extension with hydrants is required.
4. The applicants are applying for a Clearing and Grading Permit under Chapter 83 of the Town Code. A more detailed phasing plan for clearing and grading is required. 24.16 acres of disturbance is proposed on the site. A phasing plan must be developed in order to provide for interm grading and appropriate erosion and sediment control for each phase. Two sediment traps and a sediment basin are identified which show contributing areas less than 24.16 acres.
5. Retaining walls are proposed on the site as part of the final grading plan. Building permits for retaining walls are required. The applicants are requested to address the construction of retaining walls during the clearing and grading process in order to allow interim grading to proceed.
6. The interm grading plan should address discharge from the stormwater management facilities which will act as sediment traps during construction. Flow to the NYSDOT culvert must be addressed. The stormwater management facilities in the vicinity of NYS Route 300 rely on outlet control structures and closed pipe drainage to convey runoff to the NYSDOT culvert. These will not be in place during clearing and grading.
7. Additional interm stormwater management must be provided to prevent erosion and sediment towards the residential structures west of the proposed building. The stormwater management for the project relies on curbing and closed piped drainage to convey post construction run off to stormwater management facilities. The curbing and pipe will not be constructed during

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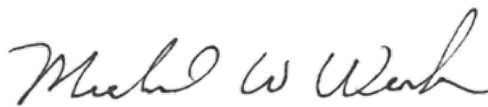
- clearing and grading.
8. If the applicants intend to apply for a 5 acre waiver plans to address the waiver and the waiver requirements should be provided.
  9. Generally, the clearing and grading plans must address how all disturbed areas will be tributary to appropriate erosion and sediment control treatment practices without benefit of the closed pipe drainage system which will be in place during final construction. Stormwater management pond 2C1 is disconnected from the areas of disturbance and relies on stormwater piping to convey flow to that area.
  10. The stormwater management practices to be utilized as infiltration areas in the future should be protected during initial grading. No flow should be directed to those areas until the site is stabilized.
  11. All limits of disturbance must be delineated in the field with orange construction fencing per the tree preservation ordinance.
  12. A Stormwater Maintenance Facilities Agreement will be required.
  13. The Outlet Control Structure Chart identifies the outlet control structure A-2 as having a 15 inch diameter discharge pipe the plans depict as a 36 inch discharge pipe. The stormwater management 1A-1 identifies a 15 inch diameter outlet pipe, while the plans depict a 24 inch diameter outlet pipe.
  14. Status of NYSDOT approval for the access drive should be addressed.
  15. Separate SWPPP comments are attached.

Respectfully submitted,

**MHE Engineering, D.P.C.**



Patrick J. Hines  
Principal  
PJH/kmm



Michael W. Weeks, PE  
Principal



OVERALL TREE LIST

POINT #	COMMON NAME	DBH	STEMS	CONDITION	INVASIVE	STATUS	SIGNIFICANT/SP ECIMEN	TOTAL CALIPER (SIGNIFICANT)	TOTAL CALIPER (SPECIMEN)	PROTECTED BIG TREE
1	WHITE OAK	18	S	G	N	REMAIN	SIG	18	N/A	N/A
2	BLACK CHERRY	14	S	G	N	REMAIN	SIG	14	N/A	N/A
4	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
6	WHITE ASH	20	S	P	N	REMOVE	N/A	N/A	N/A	N/A
8	BLACK CHERRY	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
9	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
10	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
12	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
14	SMOOTHBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
15	BLACK CHERRY	12	S	F	N	REMAIN	N/A	N/A	N/A	N/A
16	SMOOTHBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
17	WHITE OAK	12	S	F	N	REMAIN	N/A	N/A	N/A	N/A
19	SHAGBARK HICKORY	12 10	S	G	N	REMAIN	SP	N/A	12 10	N/A
21	RED OAK	12	S	F	N	REMAIN	N/A	N/A	N/A	N/A
22	BLACK CHERRY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
26	WHITE OAK	10	TW	G	N	REMAIN	N/A	N/A	N/A	N/A
27	WHITE OAK	14 8	S	F	N	REMAIN	N/A	N/A	N/A	N/A
28	BLACK CHERRY	10 8	S	P	N	REMAIN	N/A	N/A	N/A	N/A
29	RED OAK	18	S	G	N	REMAIN	SIG	18	N/A	N/A
30	WHITE OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
31	SMOOTHBARK HICKORY	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
32	BLACK CHERRY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
34	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
37	SHAGBARK HICKORY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
42	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
44	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
45	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
47	RED CEDAR	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
48	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
49	SHAGBARK HICKORY	12	TR	G	N	REMAIN	N/A	N/A	N/A	N/A
51	WHITE OAK	36 10	S	G	N	REMAIN	SP	N/A	36	N/A
52	AMERICAN ELM	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
54	AMERICAN ELM	14	S	G	N	REMOVE	SIG	14	N/A	N/A
55	SUGAR MAPLE	16	TR	G	N	REMAIN	SIG	16	N/A	N/A
57	BLACK CHERRY	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
59	BLACK CHERRY	10 8	S	F	N	REMAIN	N/A	N/A	N/A	N/A
60	BLACK CHERRY	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
63	BLACK CHERRY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
67	RED OAK	32	S	G	N	REMAIN	SP	N/A	32	N/A
70	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
72	SUGAR MAPLE	16	S	G	N	REMAIN	SIG	16	N/A	N/A
75	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
78	SUGAR MAPLE	18	TW	G	N	REMAIN	SIG	18	N/A	N/A
79	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
80	SUGAR MAPLE	14	S	F	N	REMAIN	N/A	N/A	N/A	N/A
81	GREEN ASH	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
82	SUGAR MAPLE	30	S	G	N	REMAIN	SP	N/A	30	N/A
83	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
84	BLACK WILLOW	18	S	G	N	REMAIN	PR	N/A	N/A	18
86	SUGAR MAPLE	20	S	G	N	REMAIN	SP	N/A	20	N/A
87	SUGAR MAPLE	18	S	G	N	REMAIN	SIG	18	N/A	N/A
89	RED MAPLE	16	S	G	N	REMAIN	SIG	16	N/A	N/A
90	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
91	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
92	SUGAR MAPLE	28	S	G	N	REMOVE	SP	N/A	28	N/A
94	SUGAR MAPLE	20	S	G	N	REMOVE	SP	N/A	20	N/A
95	SUGAR MAPLE	40	S	F	N	REMOVE	PR	N/A	40	N/A
96	SUGAR MAPLE	26	S	G	N	REMAIN	SP	N/A	26	N/A
97	WHITE ASH	12	S	P	N	REMAIN	N/A	N/A	N/A	N/A
98	SUGAR MAPLE	14 8	S	F	N	REMAIN	N/A	N/A	N/A	N/A
99	RED MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
100	SUGAR MAPLE	14 12	S	G	N	REMAIN	SP	14	14 12	N/A
102	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
105	WHITE OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
106	BLACK CHERRY	12	TW	P	N	REMAIN	N/A	N/A	N/A	N/A
107	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
108	RED OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
110	WHITE OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
112	RED MAPLE	18	S	G	N	REMAIN	SIG	18	N/A	N/A
113	RED OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
114	SUGAR MAPLE	18	S	G	N	REMAIN	SIG	18	N/A	N/A
115	SUGAR MAPLE	18	TW	G	N	REMAIN	SIG	18	N/A	N/A
116	SUGAR MAPLE	16	S	G	N	REMAIN	SIG	16	N/A	N/A
117	SHAGBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
118	SUGAR MAPLE	12 6	S	G	N	REMOVE	SP	N/A	12 6	N/A
121	SMOOTHBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
122	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
123	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
124	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
125	SUGAR MAPLE	12	MU	G	N	REMOVE	N/A	N/A	N/A	N/A
127	BLONDE MULBERRY	18	S	P	N	REMAIN	N/A	N/A	N/A	N/A
128	SUGAR MAPLE	24	S	G	N	REMAIN	SP	N/A	24	N/A
129	WHITE OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
130	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
131	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
132	SUGAR MAPLE	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
133	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
134	SUGAR MAPLE	14	S	F	N	REMAIN	N/A	N/A	N/A	N/A
135	SUGAR MAPLE	26	S	P	N	REMAIN	N/A	N/A	N/A	N/A
137	SUGAR MAPLE	18	S	G	N	REMAIN	SIG	18	N/A	N/A
138	SUGAR MAPLE	20	S	G	N	REMAIN	SP	N/A	20	N/A
140	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
141	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
142	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
143	SUGAR MAPLE	16	S	G	N	REMAIN	SIG	16	N/A	N/A
144	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
145	SHAGBARK HICKORY	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
146	SUGAR MAPLE	24	S	G	N	REMAIN	SP	N/A	24	N/A
147	SUGAR MAPLE	18	S	G	N	REMAIN	SIG	18	N/A	N/A
149	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
151	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
152	SUGAR MAPLE	14 10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
153	RED OAK	36	S	G	N	REMAIN	SP	N/A	36	N/A
154	RED OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
155	NORWAY MAPLE	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
156	WHITE OAK	14	S	G	N	REMAIN	SIG	14	N/A	N/A
157	BLACK WALNUT	30	S	G	N	REMAIN	SP	N/A	30	N/A
158	AMERICAN ELM	12 6	S	G	N	REMAIN	SP	N/A	12 6	N/A
159	GREEN ASH	14	S	G	N	REMAIN	SIG	14	N/A	N/A
160	SUGAR MAPLE	16	S	G	N	REMAIN	SIG	16	N/A	N/A
161	NORWAY MAPLE	18	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
162	NORWAY MAPLE	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
163	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
164	NORWAY MAPLE	16	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
165	NORWAY MAPLE	14	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
166	WHITE OAK	18	S	G	N	REMAIN	SIG	18	N/A	N/A
167	NORWAY MAPLE	14	TW	G	Y	REMAIN	N/A	N/A	N/A	N/A
168	NORWAY MAPLE	14	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
169	NORWAY MAPLE	10	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
170	NORWAY MAPLE	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
171	NORWAY MAPLE	18	S	G	Y	REMAIN	N/A	N/A	N/A	N/A

POINT #	COMMON NAME	DBH	STEMS	CONDITION	INVASIVE	STATUS	SIGNIFICANT/SP ECIMEN	TOTAL CALIPER (SIGNIFICANT)	TOTAL CALIPER (SPECIMEN)	PROTECTED BIG TREE
172	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
173	NORWAY MAPLE	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
174	NORWAY MAPLE	12	TW	G	Y	REMAIN	N/A	N/A	N/A	N/A
175	NORWAY MAPLE	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
176	NORWAY MAPLE	14	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
177	RED OAK	20	S	G	N	REMAIN	SP	N/A	20	N/A
178	WHITE OAK	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
179	WHITE OAK	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
180	RED OAK	14	S	G	N	REMAIN	SIG	14	N/A	N/A
181	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
182	SHAGBARK HICKORY	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
183	SMOOTHBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
184	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
185	RED OAK	22	S	G	N	REMOVE	SP	N/A	22	N/A
186	RED OAK	30	S	G	N	REMOVE	SP	N/A	30	N/A
187	SMOOTHBARK HICKORY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
188	SMOOTHBARK HICKORY	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
189	BLACK WALNUT	14	S	G	N	REMOVE	SIG	14	N/A	N/A
190	NORWAY MAPLE	10	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
191	PIN OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
192	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
193	NORWAY MAPLE	12	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
194	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
195	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
196	NORWAY MAPLE	10	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
197	NORWAY MAPLE	14	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
198	NORWAY MAPLE	16	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
199	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
200	NORWAY MAPLE	10	TW	G	Y	REMOVE	N/A	N/A	N/A	N/A
201	SUGAR MAPLE	14	S	G	N	REMOVE	SIG	14	N/A	N/A
202	SUGAR MAPLE	18	S	G	N	REMOVE	SIG	18	N/A	N/A
203	SAFFRAS	10	S	P	N	REMOVE	N/A	N/A	N/A	N/A
204	NORWAY MAPLE	24	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
205	NORWAY MAPLE	10	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
206	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
207	NORWAY MAPLE	16	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
208	DEAD	12	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
209	NORWAY MAPLE	12	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
210	BLACK WALNUT	14	S	G	N	REMOVE	SIG	14	N/A	N/A
211										

OVERALL TREE LIST

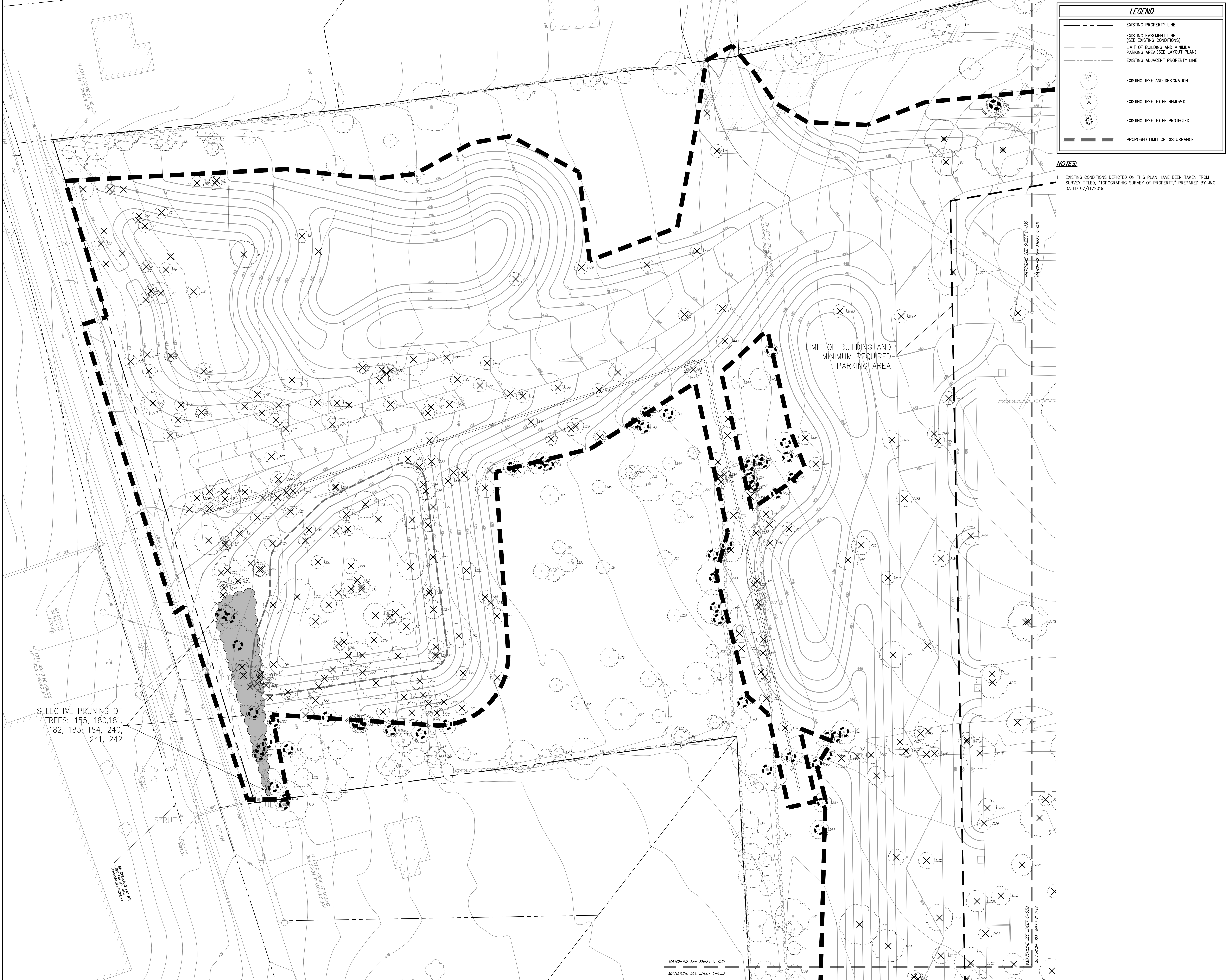
POINT #	COMMON NAME	DBH	STEMS	CONDITION	INVASIVE	STATUS	SIGNIFICANT/SP ECIMEN	TOTAL CALIPER (SIGNIFICANT)	TOTAL CALIPER (SPECIMEN)	PROTECTED BIG TREE
413	RED OAK	28	S	G	N	REMOVE	SP	N/A	28	N/A
414	BLACK CHERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
415	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
416	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
417	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
418	BLACK CHERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
419	DEAD	16	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
420	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
421	RED MAPLE	12	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
422	SUGAR MAPLE	12	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
423	RED CEDAR	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
424	NORWAY MAPLE	10	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
425	BLACK CHERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
426	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
427	WHITE PINE	18	S	G	N	REMOVE	SIG	18	N/A	N/A
428	RED CEDAR	14	S	G	N	REMOVE	SIG	14	N/A	N/A
429	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
430	SHAGBARK HICKORY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
431	BLACK CHERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
432	RED CEDAR	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
433	WHITE OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
434	WHITE PINE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
435	RED MAPLE	10	S	P	N	REMOVE	N/A	N/A	N/A	N/A
436	WHITE ASH	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
437	WHITE ASH	10	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
438	WHITE MULBERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
439	WHITE ASH	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
440	WHITE MULBERRY	10	S	P	N	REMOVE	N/A	N/A	N/A	N/A
441	RED CEDAR	10	MU	G	N	REMOVE	N/A	N/A	N/A	N/A
442	RED OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
443	BLACK CHERRY	12	S	F	N	REMOVE	N/A	N/A	N/A	N/A
444	RED OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
445	WHITE ASH	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
446	EASTERN COTTONWOOD	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
447	EASTERN COTTONWOOD	16	S	F	N	REMAIN	N/A	N/A	N/A	N/A
448	EASTERN COTTONWOOD	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
449	EASTERN COTTONWOOD	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
450	EASTERN COTTONWOOD	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
451	EASTERN COTTONWOOD	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
452	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
453	EASTERN COTTONWOOD	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
454	FLOWERING DOGWOOD	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
455	WHITE MULBERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
456	EASTERN COTTONWOOD	10	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
457	EASTERN COTTONWOOD	10	S	P	N	REMOVE	N/A	N/A	N/A	N/A
458	RED MAPLE	16	S	P	N	REMOVE	N/A	N/A	N/A	N/A
459	RED MAPLE	14	S	G	N	REMOVE	SIG	14	N/A	N/A
460	WHITE ASH	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
461	WHITE ASH	20	S	G	N	REMOVE	SP	N/A	20	N/A
462	WHITE ASH	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
463	SUGAR MAPLE	20	TW	G	N	REMOVE	SP	N/A	20	N/A
464	BLACK CHERRY	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
465	RED MAPLE	20	S	F	N	REMOVE	N/A	N/A	N/A	N/A
466	RED OAK	14	MU	G	N	REMOVE	SIG	14	N/A	N/A
467	WHITE OAK	18 10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
468	WHITE OAK	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
469	SHAGBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
470	SHAGBARK HICKORY	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
471	SMOOTHBARK HICKORY	14	S	G	N	REMAIN	SIG	14	N/A	N/A
472	SUGAR MAPLE	32	S	G	N	REMAIN	SP	N/A	32	N/A
473	RED OAK	14	S	G	N	REMAIN	SIG	14	N/A	N/A
474	SUGAR MAPLE	22	S	P	N	REMAIN	N/A	N/A	N/A	N/A
475	BLACK POPLAR	14	S	P	N	REMAIN	N/A	N/A	N/A	N/A
476	DEAD	24	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
477	RED OAK	20	TW	G	N	REMAIN	SP	N/A	20	N/A
478	FIELD MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
479	RED OAK	18	S	G	N	REMAIN	SIG	18	N/A	N/A
480	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
481	RED OAK	24	S	G	N	REMAIN	SP	N/A	24	N/A
482	WHITE OAK	22	S	G	N	REMAIN	SP	N/A	22	N/A
483	RED OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
484	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
485	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
486	SUGAR MAPLE	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
487	SMOOTHBARK HICKORY	14	S	G	N	REMAIN	SIG	14	N/A	N/A
488	SMOOTHBARK HICKORY	16	S	G	N	REMAIN	SIG	16	N/A	N/A
489	SMOOTHBARK HICKORY	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
490	AMERICAN ELM	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
491	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
492	AMERICAN ELM	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
493	SMOOTHBARK HICKORY	14	S	G	N	REMAIN	SIG	14	N/A	N/A
494	RED OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
495	RED OAK	18	S	G	N	REMAIN	SIG	18	N/A	N/A
496	DEAD	10	TW	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
497	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
498	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
499	RED OAK	18	S	G	N	REMAIN	SIG	18	N/A	N/A
500	RED OAK	26	S	G	N	REMAIN	SP	N/A	26	N/A
501	SUGAR MAPLE	12	S	P	N	REMAIN	N/A	N/A	N/A	N/A
502	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
503	SMOOTHBARK HICKORY	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
504	RED OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
505	RED OAK	28	S	G	N	REMAIN	SP	N/A	28	N/A
506	RED OAK	16	S	G	N	REMAIN	SIG	16	N/A	N/A
507	SUGAR MAPLE	16	S	G	N	REMAIN	SIG	16	N/A	N/A
508	WHITE ASH	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
509	AMERICAN HOPHORNBEAM	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
510	WHITE OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
511	RED MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
512	RED MAPLE	20	S	G	N	REMAIN	SP	N/A	20	N/A
513	RED MAPLE	18	S	G	N	REMAIN	SIG	18	N/A	N/A
514	RED OAK	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
515	AMERICAN HOPHORNBEAM	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
516	SHAGBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
517	BLACK WALNUT	16	MU	G	N	REMAIN	SIG	16	N/A	N/A
518	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
519	WHITE ASH	20	S	G	N	REMAIN	SP	N/A	20	N/A
520	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
521	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
522	SUGAR MAPLE	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
523	SUGAR MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
524	SUGAR MAPLE	12 10	S	G	N	REMAIN	SP	N/A	12 10	N/A
525	RED MAPLE	26 10	S	G	N	REMAIN	SP	N/A	26 10	N/A
526	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
527	RED MAPLE	12	S	F	N	REMAIN	N/A	N/A	N/A	N/A
528	RED MAPLE	14	S	G	N	REMAIN	SIG	14	N/A	N/A
529	AMERICAN HOPHORNBEAM	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
530	SHAGBARK HICKORY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
531	SHAGBARK HICKORY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A

POINT #	COMMON NAME	DBH	STEMS	CONDITION	INVASIVE	STATUS	SIGNIFICANT/SP ECIMEN	TOTAL CALIPER (SIGNIFICANT)	TOTAL CALIPER (SPECIMEN)	PROTECTED BIG TREE
532	RED OAK	22	S	G	N	REMOVE	SP	N/A	22	N/A
533	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
534	RED OAK	28	S	G	N	REMOVE	SP	N/A	28	N/A
535	RED OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
536	BLACK OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
537	SHAGBARK HICKORY	14	S	G	N	REMOVE	SIG	14	N/A	N/A
538	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
539	RED MAPLE	16 14	S	G	N	REMOVE	SP	16	16 14	N/A
540	WHITE OAK	14 12	S	G	N	REMAIN	SP	14	14 12	N/A
541	RED MAPLE	18	S	G	N	REMOVE	SIG	18	N/A	N/A
542	RED MAPLE	16 10	S	G	N	REMOVE	SP	16	16 10	N/A
543	WHITE OAK	16 14	S	G	N	REMAIN	SP	16	16 14	N/A
544	WHITE OAK	24	S	G	N	REMAIN	SP	N/A	24	N/A
545	WHITE OAK	14	S	G	N	REMAIN	SIG	14	N/A	N/A
546	SHAGBARK HICKORY	20	S	F	N	REMAIN	N/A	N/A	N/A	N/A
547	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
548	SMOOTHBARK HICKORY	12	S	F	N	REMOVE	N/A	N/A	N/A	N/A
549	TREE OF HEAVEN	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
550	TREE OF HEAVEN	12	S	G	Y	REMAIN	N/A	N/A	N/A	N/A
551	DEAD	14	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
552	RED MAPLE	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
553	RED OAK	32	S	G	N	REMAIN	SP	N/A	32	N/A
554	SUGAR MAPLE	12	S	G	N	REMAIN	N/A	N/A	N/A	N/A
555	SASSAFRAS	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
556	SASSAFRAS	10	S	P	N	REMAIN	N/A	N/A	N/A	N/A
557	POLAR BASSWOOD	24	S	G	N	REMAIN	SP	N/A	24	N/A
558	SUGAR MAPLE	14 12	S	G	N	REMAIN	SP	14	14 12	N/A
559	SASSAFRAS	10	S	F	N	REMAIN	N/A	N/A	N/A	N/A
560	SUGAR MAPLE	10	TR	G	N	REMAIN	N/A	N/A	N/A	N/A
561	SUGAR MAPLE	12 10 8	S	G	N	REMAIN	SP	N/A	12 10 8	N/A
562	RED OAK	26	S	G	N	REMAIN	SP	N/A	26	N/A
563	WHITE ASH	14	S	P	N	REMAIN	N/A	N/A	N/A	N/A
564	BLACK WALNUT	14	S	G	N	REMAIN	SIG	14	N/A	N/A
565	SHAGBARK HICKORY	10	S	G	N	REMAIN	N/A	N/A	N/A	N/A
566	BLACK CHERRY	14	S	G	N	REMAIN	SIG	14	N/A	N/A
567	AMERICAN HOPHORNBEAM	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
568	RED MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
569	WILD CHERRY	14	S	G	N	REMOVE	SIG	14	N/A	N/A
570	BLACK OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
571	WHITE MULBERRY	10	S	P	N	REMOVE	N/A	N/A	N/A	N/A
572	DE									

OVERALL TREE LIST

POINT #	COMMON NAME	DBH	STEMS	CONDITION	INVASIVE	STATUS	SIGNIFICANT/SP ECIMEN	TOTAL CALIPER (SIGNIFICANT)	TOTAL CALIPER (SPECIMEN)	PROTECTED BIG TREE
2863	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2864	RED OAK	14.6	TW	G	N	REMOVE	SP	14.6	N/A	N/A
2865	AMERICAN BEECH	10	MU	G	N	REMOVE	N/A	N/A	N/A	N/A
2866	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2867	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2868	SUGAR MAPLE	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2869	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2870	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2871	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2872	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2873	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2874	SMOOTHBARK HICKORY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2875	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2876	LARGETOOTH ASPEN	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2877	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2878	LARGETOOTH ASPEN	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2879	LARGETOOTH ASPEN	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2880	LARGETOOTH ASPEN	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2881	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2882	LARGETOOTH ASPEN	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2883	RED OAK	14.12	TW	G	N	REMOVE	SP	14.12	N/A	N/A
2884	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2885	RED OAK	16.14	TW	G	N	REMOVE	SP	16.14	N/A	N/A
2886	LARGETOOTH ASPEN	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2887	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2888	LARGETOOTH ASPEN	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2889	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2890	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2891	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2892	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2893	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2894	RED OAK	14.10	TW	G	N	REMOVE	SP	14.10	N/A	N/A
2895	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2896	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2897	RED OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2898	RED OAK	20	S	G	N	REMOVE	SP	N/A	20	N/A
2899	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2900	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2901	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2902	RED OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2903	BLACK OAK	26	S	G	N	REMOVE	SP	N/A	26	N/A
2904	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2905	BLACK OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2906	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2907	RED OAK	26	S	G	N	REMOVE	SP	N/A	26	N/A
2908	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2909	BLACK OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2910	BLACK OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2911	WHITE OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2912	RED CEDAR	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2913	HONEY LOCUST	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2914	BLACK OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2915	RED OAK	26	S	G	N	REMOVE	SP	N/A	26	N/A
2916	RED MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2917	RED OAK	24	S	G	N	REMOVE	SP	N/A	24	N/A
2918	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2919	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2920	RED OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2921	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2922	RED OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2923	RED OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2924	SUGAR MAPLE	12	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
2925	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2926	RED OAK	22	S	G	N	REMOVE	SP	N/A	22	N/A
2927	RED MAPLE	10	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
2928	BLACK CHERRY	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2929	BLACK OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2930	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2931	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2932	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2933	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2934	SUGAR MAPLE	26	S	G	N	REMOVE	SP	N/A	26	N/A
2935	HONEY LOCUST	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2936	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2937	BLACK OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2938	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2939	WHITE OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2940	RED CEDAR	10	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
2941	RED CEDAR	22	S	G	N	REMOVE	PR	N/A	N/A	22
2942	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2943	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2944	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2945	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2946	RED OAK	20	S	G	N	REMOVE	SP	N/A	20	N/A
2947	DEAD	14	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2948	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2949	BLACK OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2950	BLACK OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2951	BLACK OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2952	BLACK OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2953	WHITE OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2954	DEAD	12	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2955	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2956	DEAD	12	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2957	WHITE OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2958	RED OAK	26	S	G	N	REMOVE	SP	N/A	26	N/A
2959	BLACK OAK	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2960	RED OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2961	RED OAK	24	S	G	N	REMOVE	SIG	18	N/A	N/A
2962	RED OAK	18	S	G	N	REMOVE	SP	N/A	24	N/A
2963	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2964	BLACK OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2965	LARGETOOTH ASPEN	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2966	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2967	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2968	RED MAPLE	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2969	WHITE OAK	18	S	G	N	REMOVE	SIG	18	N/A	N/A
2970	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2971	SUGAR MAPLE	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2972	DEAD	12	TW	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2973	DEAD	12	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2974	DEAD	14	TW	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2975	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2976	WHITE OAK	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2977	WHITE OAK	16	S	F	N	REMOVE	N/A	N/A	N/A	N/A
2978	RED MAPLE	10	TW	G	N	REMOVE	N/A	N/A	N/A	N/A
2979	SUGAR MAPLE	22	TW	G	N	REMOVE	SP	N/A	22	N/A
2980	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2981	SUGAR MAPLE	16	S	G	N	REMOVE	SIG	16	N/A	N/A
2982	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2983	SUGAR MAPLE	16	S	G	N	REMOVE	SIG	16	N/A	N/A

POINT #	COMMON NAME	DBH	STEMS	CONDITION	INVASIVE	STATUS	SIGNIFICANT/SP ECIMEN	TOTAL CALIPER (SIGNIFICANT)	TOTAL CALIPER (SPECIMEN)	PROTECTED BIG TREE
2984	NORWAY MAPLE	12	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
2985	BLACK CHERRY	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2986	NORWAY MAPLE	10	S	G	Y	REMOVE	N/A	N/A	N/A	N/A
2987	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2988	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2989	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2990	DEAD	10	TW	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2991	CRAB APPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2992	RED OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2993	LARGETOOTH ASPEN	12	S	P	N	REMOVE	N/A	N/A	N/A	N/A
2994	WHITE OAK	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
2995	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
2996	WHITE OAK	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
2997	SUGAR MAPLE	14	S	G	N	REMOVE	SIG	14	N/A	N/A
2998	SUGAR MAPLE	18	TR	G	N	REMOVE	SIG	18	N/A	N/A
2999	SMOOTHBARK HICKORY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3000	SHAGBARK HICKORY	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3001	LARGETOOTH ASPEN	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3002	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
3003	DEAD	10	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
3004	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
3005	BLACK OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
3006	RED OAK	10.6	S	G	N	REMOVE	SP	N/A	10.6	N/A
3007	BLACK CHERRY	12	S	P	N	REMOVE	N/A	N/A	N/A	N/A
3008	BLACK CHERRY	10	S	P	N	REMOVE	N/A	N/A	N/A	N/A
3009	SUGAR MAPLE	14	S	G	N	REMOVE	SIG	14	N/A	N/A
3010	BLACK CHERRY	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3011	WHITE OAK	10	S	F	N	REMOVE	N/A	N/A	N/A	N/A
3012	SUGAR MAPLE	12	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3013	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3015	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
3016	RED OAK	16	S	G	N	REMOVE	SIG	16	N/A	N/A
3017	WHITE OAK	12	S	F	N	REMOVE	N/A	N/A	N/A	N/A
3018	DEAD	12	S	DEAD	N	REMOVE	N/A	N/A	N/A	N/A
3019	RED OAK	24	S	G	N	REMOVE	SP	N/A	24	N/A
3020	SUGAR MAPLE	10	S	G	N	REMOVE	N/A	N/A	N/A	N/A
3021	BLACK CHERRY	12	S	P	N	REMOVE	N/A	N/A	N/A	N/A
3022	WHITE OAK	24	S	G	N	REMOVE	SP	N/A	24	N/A
3023	BLACK CHERRY	12	S	G	N	REMOVE	N/A	N/A	N/A	



**LEGEND**

- EXISTING PROPERTY LINE
- - - EXISTING EASEMENT LINE (SEE EXISTING CONDITIONS)
- LIMIT OF BUILDING AND MINIMUM PARKING AREA (SEE LAYOUT PLAN)
- EXISTING ADJACENT PROPERTY LINE
- EXISTING TREE AND DESIGNATION
- ⊗ EXISTING TREE TO BE REMOVED
- ⊙ EXISTING TREE TO BE PROTECTED
- PROPOSED LIMIT OF DISTURBANCE

**NOTES:**

- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY TITLED, "TOPOGRAPHIC SURVEY OF PROPERTY," PREPARED BY JMC, DATED 07/11/2019.

SELECTIVE PRUNING OF TREES: 155, 180, 181, 182, 183, 184, 240, 241, 242

<p><b>JMC</b></p> <p>JMC Planning, Engineering, Landscape Architecture &amp; Land Surveys, PLLC          John Meyer Consulting, Inc.          420 BEDFORD ROAD • ARMONK, NY 10504          VOICES 914.233.2225 • FAX 914.233.2182          www.jmcpllc.com</p>	
<p><b>TREE PRESERVATION PLAN</b></p> <p>FARRELL INDUSTRIAL PARK          TOWN OF NEWBURGH, NY</p>	
<p>ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF ARTICLE 145 OF THE NEW YORK STATE EDUCATION LAW EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.</p>	
<p>Drawn: TC</p> <p>Scale: 1" = 30'</p> <p>Date: 04/19/2023</p> <p>Project No: 22127/21109</p> <p>2207-RES PLAN C-030</p>	<p>Approved: DLV</p> <p>Sheet: C-030</p>

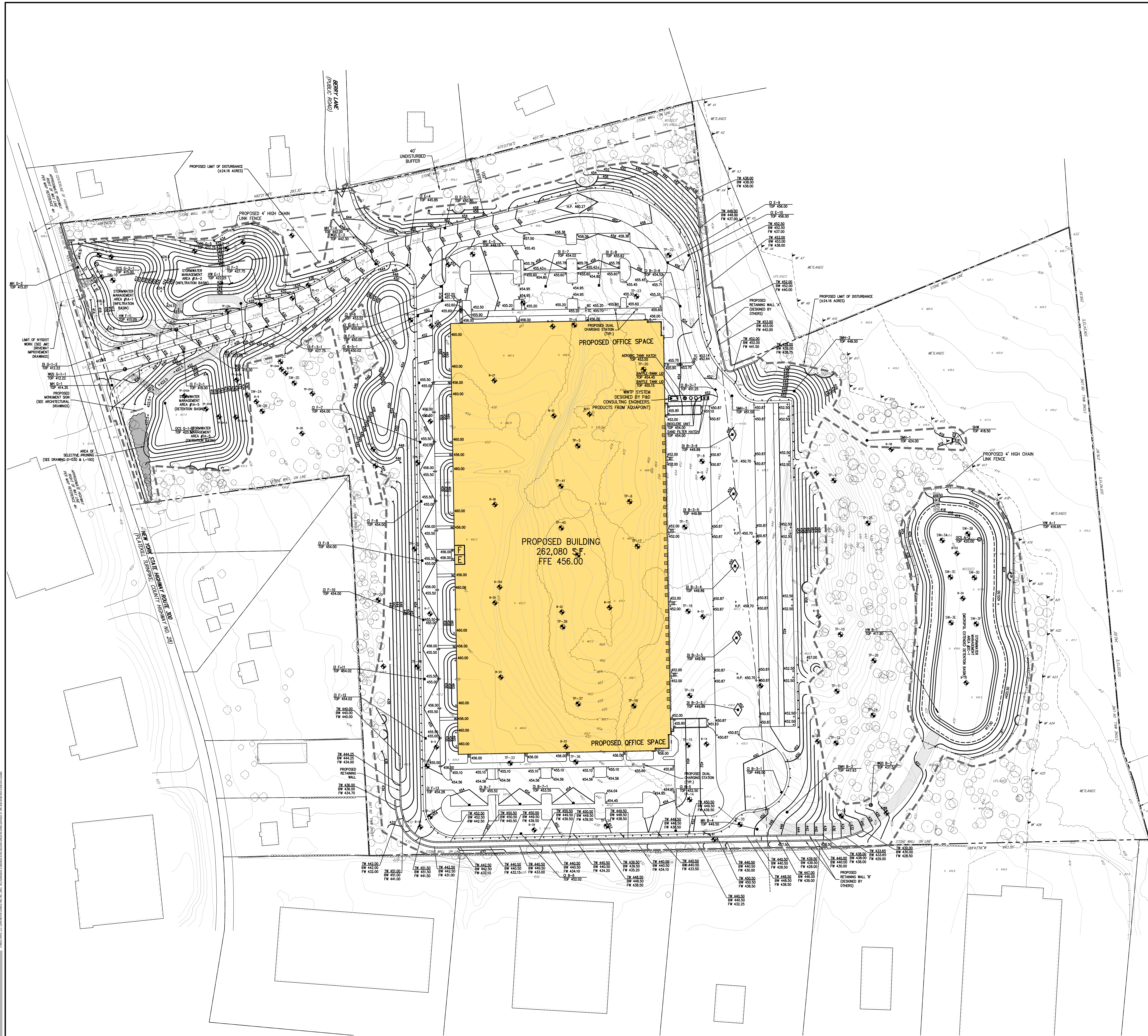
No.	Revisions	Date
1.	REVISED PER PLANNING BOARD COMMENTS	06/19/2023
2.	REVISED/SUBMITTED FOR AMENDED SITE PLAN APPROVAL	09/25/2024
3.	REVISED PER TOWN ENGINEER COMMENTS	10/24/2023

APPLICANT:

**YM & YH DEVELOPERS LLC**  
 1156 59TH STREET  
 BROOKLYN, NY 11219

MATCHLINE SEE SHEET C-030  
 MATCHLINE SEE SHEET C-033

NOT FOR CONSTRUCTION



**LEGEND**

---	EXISTING PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	EXISTING EASEMENT LINE
---	EXISTING METLAND LINE AND DELINEATION
---	EXISTING BUILDING LINE
---	EXISTING PAVEMENT EDGE
---	EXISTING CURB LINE
---	EXISTING INDEX CONTOUR
---	EXISTING STONE WALL
---	EXISTING FENCE
---	EXISTING DRAIN INLET
---	EXISTING MANHOLE
---	EXISTING FIRE HYDRANT
---	EXISTING UTILITY POLE
---	EXISTING SIGN
---	PROPOSED BUILDING LINE
---	PROPOSED CONCRETE CURB
---	PROPOSED FINISHED GRADE
---	PROPOSED SPOT GRADE
---	PROPOSED TYPE C DRAIN INLET
---	PROPOSED TYPE D DRAIN INLET
---	PROPOSED RETAINING WALL WITH MET SHEET PILE FENCE (DESIGN BY OTHERS)
---	PROPOSED TEST LOCATIONS

**TEST LOCATION LABELS LEGEND**

+	BORING LOCATION/DESIGNATION
+	TEST PIT LOCATION/DESIGNATION
+	STORMWATER TEST LOCATION/DESIGNATION
+	CIVIL ENGINEER TEST PIT/PERCOLATION TEST LOCATION/DESIGNATION
+	SEPTIC SYSTEM PERCOLATION TEST LOCATION/DESIGNATION

**TEST LOCATION LEGEND NOTES**

A. BORINGS, TEST PITS AND STORMWATER TESTS WERE PERFORMED BY CARLIN-SIMPSON AND ASSOCIATES, THE CIVIL ENGINEER TEST

**RETAINING WALL SPOT GRADE LEGEND**

---	(PROPOSED GRADE)
---	(PROPOSED GRADE)

**REVISIONS**

No.	REVISION	Date
1.	REVISED PER PLANNING BOARD COMMENTS	06/19/2023
2.	REVISED/SUBMITTED FOR AMENDED SITE PLAN APPROVAL	09/05/2024
3.	REVISED PER TOWN ENGINEER COMMENTS	10/24/2023

**Y&H DEVELOPERS LLC**  
 156 SOUTH STREET  
 BROOKLYN, NY 11219

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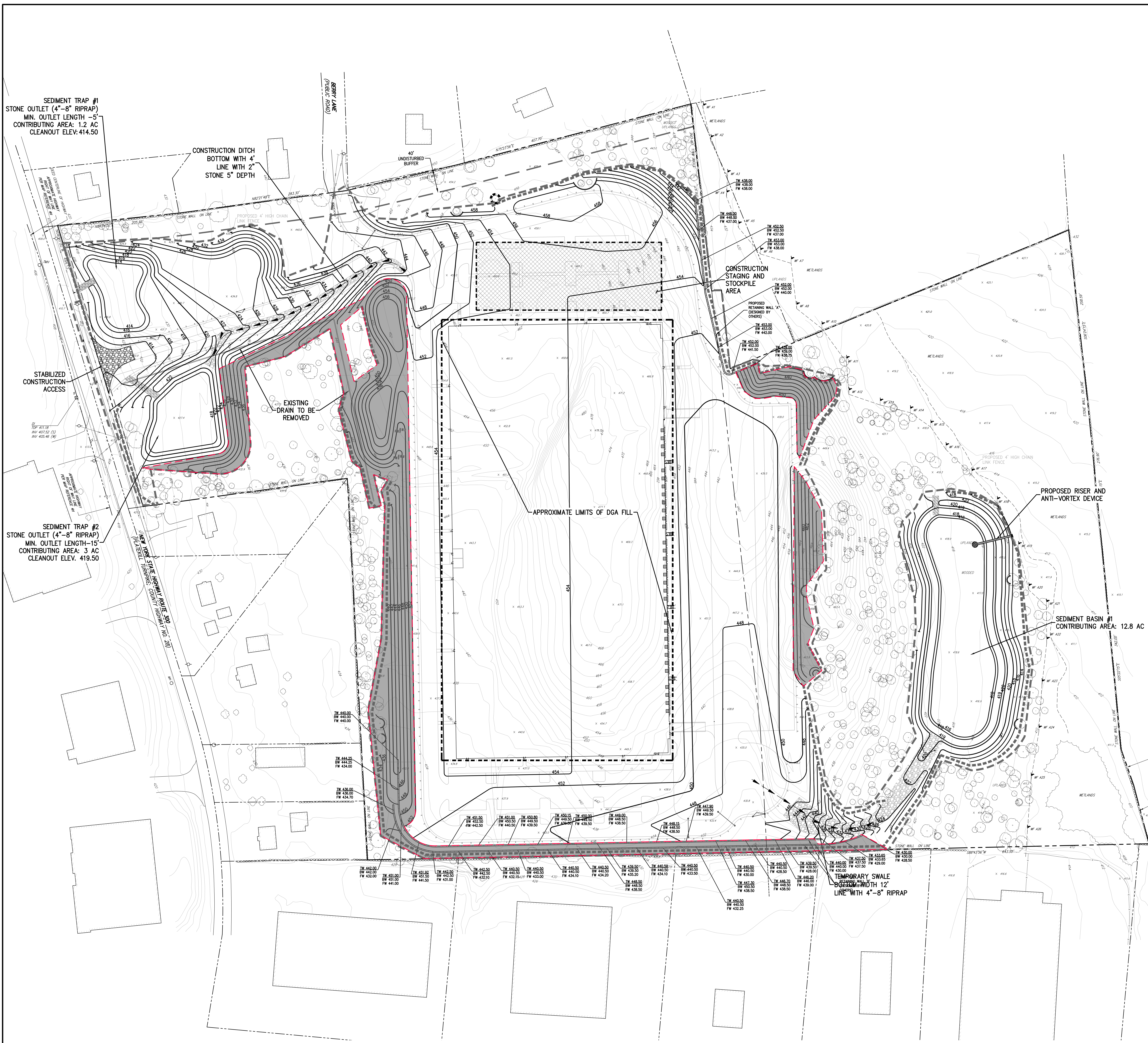
**GRADING PLAN**  
**FARRELL INDUSTRIAL PARK**  
 TOWN OF NEWBURGH, NY

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

Drawn	DK	Approved	DL/JS
Scale	1" = 50'		
Date	04/19/2023		
Project No.	22127/21109		
Sheet No.	040	Total	040 of 040

**C-200**





**LEGEND**

- PROPOSED CONSTRUCTION FENCE
- PROPOSED SALT FENCE
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED STABILIZED CONSTRUCTION ENTRANCE
- PROPOSED TEMPORARY SWALE
- PROPOSED TEMPORARY SEDIMENT BASIN
- PROPOSED TREE PROTECTION
- PROPOSED TOPSOIL AREA

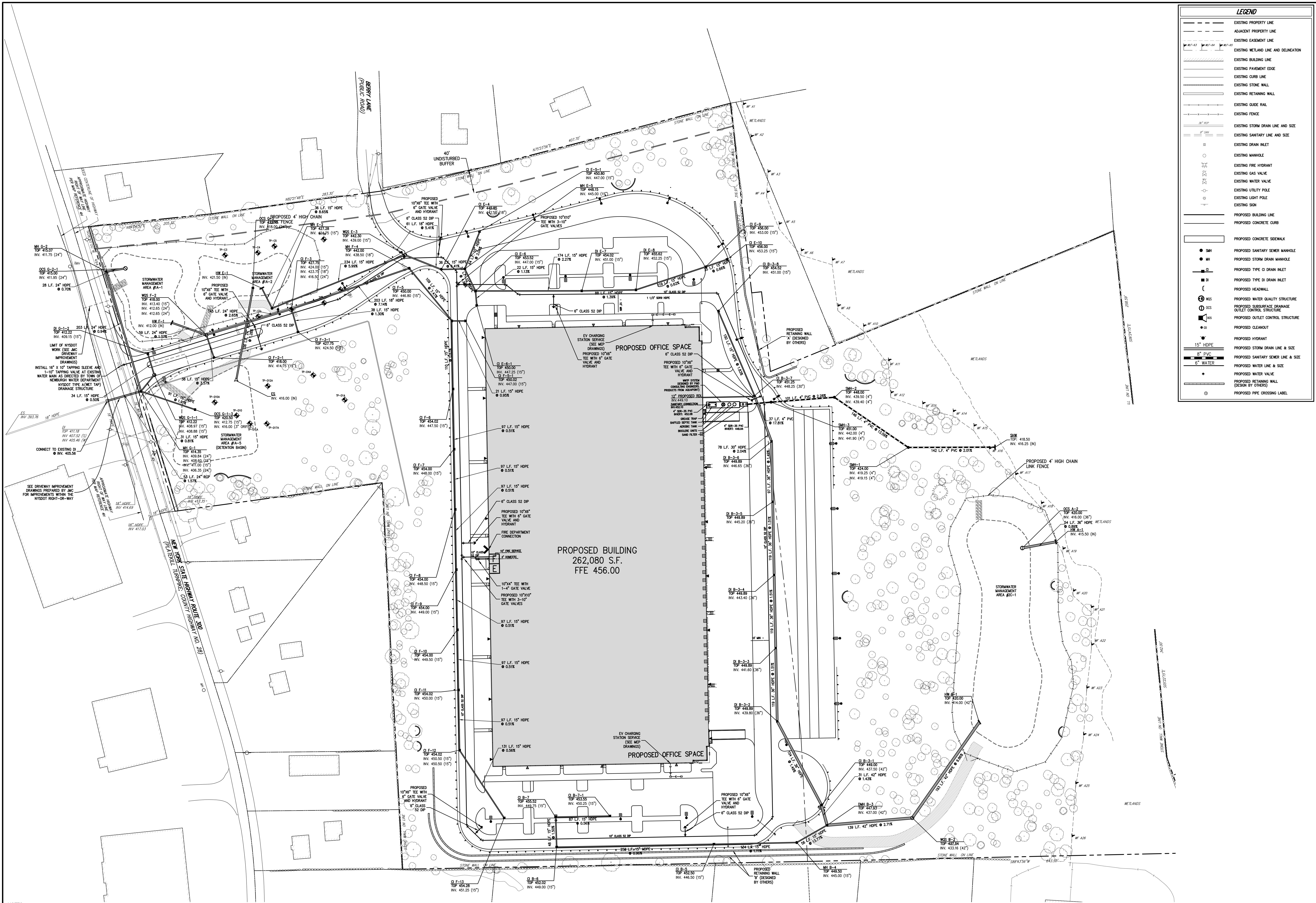
**NOTES**

1. EXISTING CONDITIONS DEPICTED HEREON HAVE BEEN TAKEN FROM SURVEY TITLES, TOPOGRAPHIC SURVEY OF PROPERTY, PREPARED BY JMC ENGINEERING, LANDSCAPE ARCHITECTURE & LAND SURVEYING, PLLC, LAST REVISED 06/20/2021. CONTRACTOR SHALL VERIFY HIM/HERSELF AS TO THE ACCURACY OF THE EXISTING INFORMATION SHOWN HEREON AND IDENTIFY ANY DISCREPANCIES PRIOR TO THE ISSUANCE OF A BO.
2. REFER TO DRAWING C-200 FOR GEOTECHNICAL BORING/TEST PIT LOCATIONS AS TAKEN FROM THE GEOTECHNICAL REPORT ENTITLED, "REPORT ON SUBSURFACE SOIL AND FOUNDATION INVESTIGATION, DATED 06/20/2020, CONDUCTED BY CARLIN-SIMPSON AND ASSOCIATES, SUPPLEMENTED BY LOCATIONS OBSERVED BY JMC EMPLOYEES AND LOCATED USING GPS COORDINATES.
3. 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 UNTIL THE SITE IS STABILIZED.
4. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ON-SITE EROSION AND SEDIMENT CONTROL MEASURES IN A DAILY BASIS. ALL COLLECTED SEDIMENT WITHIN SEDIMENT BARRIERS SHALL BE REMOVED PERIODICALLY AS REQUIRED TO MAINTAIN THE FUNCTION OF THE SEDIMENT BARRIERS. ALL SEDIMENT COLLECTED SHALL BE REUSED ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE OWNERS REPRESENTATIVE.
5. THE CONTRACTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A WEEKLY BASIS, AFTER EACH RAINFALL, AND AS MAY BE REQUIRED OR DIRECTED BY ALL APPLICABLE APPROVALS AND PERMITS. THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A WRITTEN REPORT ON FINDINGS OF SEDIMENT IN DOWNSTREAM AREAS TO ALL APPLICABLE HAVING JURISDICTION AND MAKE REPAIRS AS REQUIRED OR DIRECTED.
6. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED/MANDATED BY FIELD CONDITIONS AND AS DIRECTED BY THE OWNERS REPRESENTATIVE, JMC, AND/OR ANY AUTHORITY HAVING JURISDICTION.
7. STOCKPILING OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN THE AREA DESIGNATED ON THIS PLAN OR AS APPROVED BY THE OWNERS REPRESENTATIVE. STOCKPILED MATERIAL SHALL BE COVERED WITH TWO ROWS OF SILT FENCE LOCATED AROUND ITS PERIMETER. ALL STOCKPILED MATERIAL SHALL BE MAINTAINED IN AN ORDERLY MANNER SO AS NOT TO IMPEDER OR PEDESTRIAN AND/OR VEHICULAR CIRCULATION ROUTES.
8. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNERS REPRESENTATIVE.
9. ALL STORMWATER MANAGEMENT PRACTICES SHALL REMAIN UNDISTURBED, AND BE PROTECTED FROM HEAVY MACHINERY TRAFFIC DURING CONSTRUCTION. HOWEVER, DURING CONSTRUCTION OF THE TRACTOR, 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.
10. THIS PROJECT WILL BE REQUESTING THE 5-ACRE WAIVER FROM THE INTERDICTED AREA OF PROPOSED GRADING DISTURBANCE FOR CONSTRUCTION OF THE SITE. AT TIMES EXCEED FIVE ACRES, AT SUCH TIMES, IN AREAS WHERE USE DISTURBANCE ACTIVITY HAS TEMPORARILY AND PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INSTALLED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN SEVEN DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED. THE SOIL STABILIZATION MEASURES SHALL BE IN ACCORDANCE WITH THE TECHNICAL STANDARD, NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR PROPOSED EROSION AND SEDIMENT CONTROL, WATER NUMBER 2016. AT TIMES WHEN GROUND DISTURBANCE IS LESS THAN 5 ACRES.
11. ALL EXPOSED SLOPES AND GRADES/DISTURBED AREAS, THAT WILL NOT BE FURTHER DISTURBED WITHIN 14 CALENDAR DAYS (14 DAYS) FOR CONSTRUCTION SITES THAT EITHER DIRECTLY DISCHARGE TO ONE OF THE 303(D) WATERSHEDS LISTED IN APPENDIX C OF THE GENERAL PERMIT, SHALL BE TEMPORARILY SEEDED WITHIN 14 CALENDAR DAYS OF DISTURBANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) "DESIGN AND SEDIMENT CONTROL GUIDELINES" AND THE ANS 4300 "BEST MANAGEMENT PRACTICES FOR TREE AND SHrub PLANTING, TRANSPLANTING, MAINTENANCE AND CARE," PREPARED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) LATEST EDITIONS, AS FOLLOWS:
  - A. SEED MATURITY AND RATE OF APPLICATION
  1. IN SPRING, SUMMER OR EARLY FALL, SEED THE AREA WITH HYBRIDS (CANALIA OR PERENIAL) AT 10 POUNDS PER ACRE (APPROXIMATELY 0.7 POUNDS/1000 SQUARE FEET) OR USE 1 POUND/1000 SQUARE FEET. AT LATE FALL OR EARLY WINTER, SEED THE AREA WITH CERTIFIED "ARBORETOUR" WINTER RYE (CERIAL 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 SEEDING AREAS WITH STRAW AT A RATE OF 2 TONS PER ACRE (50 POUNDS PER 1000 SQUARE FEET) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.
  12. ALL SEEDING AREAS SHALL BE FERTILIZED, RESEEDING, AND MULCHED AS NECESSARY TO MAINTAIN WADWAYS, GENSE, VEGETATION COVER.
  13. TEMPORARY SEED MIXTURES SHALL NOT BE PLACED ON AREAS WHERE FINAL GRADE HAS BEEN ESTABLISHED AND TOPSOIL HAS BEEN PLACED UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
12. CONSTRUCTION FENCE SHALL BE INSTALLED AROUND THE ENTIRE PERIMETER OF THE PROPOSED SEPTIC FIELD AND EXPANSION AREA PRIOR TO THE START OF ANY SITEWORK INCLUDING TREE REMOVAL. THE FENCE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. CONSTRUCTION ACTIVITY WITHIN THIS AREA SHALL BE LIMITED TO THE WORK REQUIRED FOR THE INSTALLATION OF THE SEPTIC SYSTEM AND ALL WORK SHALL BE DONE WITHOUT THE USE OF HEAVY EQUIPMENT.
13. PRIOR TO THE START OF CONSTRUCTION, THE OWNERS/APPLICANT SHALL ENSURE THAT THE WETLAND FLAGS SHOWN HEREON ARE RESET IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE FLAGS THROUGHOUT THE COURSE OF CONSTRUCTION.
14. ALL FILLS SHALL BE COMPACTED TO PROVIDE STABILITY OF MATERIAL AND TO PREVENT SETTLEMENT. CONTRACTOR SHALL RESUBMIT GEOTECHNICAL REPORT DATED 10/14/2020 FOR SOIL OUT AND FILL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO:
  - A. SUMMARY OF DESIGN RECOMMENDATIONS
  - B. ROCK REMOVAL
  - C. REMOVAL OF EXISTING FILL
  - D. INSTALLATION OF NEW STRUCTURAL FILL
15. EXCAVATIONS AND FILLS SHALL NOT ENDANGER ADJOINING PROPERTIES, NOR DISCHARGE WATER ONTO THE PROPERTY OF OTHERS AT ANY TIME DURING THE COURSE OF CONSTRUCTION.
16. ANY UNSUITABLE MATERIAL FOUND ON-SITE DURING CONSTRUCTION SHALL BE DISPOSED OF OFF-SITE IN A MANNER APPROVED BY ALL AUTHORITIES HAVING JURISDICTION AND REPLACED WITH SUITABLE MATERIAL AS REQUIRED. ALL REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL SHALL BE COMPLETED UNDER THE DIRECT SUPERVISION OF A GEOTECHNICAL ENGINEER.
17. CONTRACTOR SHALL REFER TO THE GENERAL CONSTRUCTION NOTES ON DRAWING C-100 FOR FURTHER DIRECTION REGARDING THE WORK SHOWN HEREON.
18. PRIOR TO THE START OF EARTHWORK OPERATIONS, THE CONTRACTOR SHALL OBTAIN THE CLEARING AND GRADING PERMIT FROM THE TOWN OF NEWBURGH BUILDING DEPARTMENT.
19. CONTRACTOR SHALL NOTIFY THE TOWN BUILDING DEPARTMENT, TOWN CONSULTING ENGINEER AND JMC IN WRITING AT LEAST 48 HOURS PRIOR TO THE START OF OPERATIONS.
20. WORK SHALL NOT COMMENCE UNTIL THE PROJECT HAS OBTAINED COVERAGE UNDER THE SPDES GENERAL PERMIT FOR CONSTRUCTION ACTIVITY AND THE EROSION AND SEDIMENT CONTROLS HAVE BEEN INSTALLED TO THE SATISFACTION TO THE TOWN CONSULTING ENGINEER AND/OR JMC.
21. ALL SITE REMOVALS SHALL BE DONE IN ACCORDANCE WITH JMC DRAWING C-100 "TESTING CONDITIONS MAP AND REVISIONS PLAN." ALL TREE PROTECTION AND TREE REMOVAL SHALL BE DONE IN ACCORDANCE WITH JMC DRAWING C-100 THROUGH C-110 "TREE PRESERVATION PLAN."
22. UNDER INDUSTRIAL CODE REFS, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY ALL OPERATORS OF UTILITIES LISTED ON THE CURRENT "MASTER LIST OF OPERATORS" ON FILE WITH THE CENTRAL REGISTRY AS WELL AS THE TOWN OF NEWBURGH AND PRIOR TO THE START OF THIS WORK SO THAT THE VARIOUS UNDERGROUND UTILITY OPERATORS HAVE NOTIFIED THE CONTRACTOR THAT THEIR UTILITIES HAVE BEEN LOCATED.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION. THE CONTRACTOR SHALL BE ENHANCED BY HIS OPERATIONS TO HOLD THE CONTRACTOR RESPONSIBLE FOR THE INFORMATION SHOWN ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL UTILITIES AND STRUCTURES AT OR ADJACENT TO THE SITE OF CONSTRUCTION.

**PHASE 1 SEQUENCE OF CONSTRUCTION**

- CONSTRUCTION SHALL BE SEQUENCED IN SUCH A MANNER THAT ANY AREA WHICH IS DISTURBED SHALL FIRST BE PROTECTED WITH SEDIMENT EROSION CONTROLS AS INDICATED ON THIS PLAN. PARTICULAR REQUIREMENTS ARE GIVEN AS FOLLOWS:
1. INSTALL STABILIZED CONSTRUCTION ACCESS AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN.
  2. DEMOLITION OF EXISTING BUILDINGS AS REQUIRED.
  3. PERFORM LIMITED TREE CLEARING TO ALLOW FOR INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL DEVICES AS WELL AS CONSTRUCTION OF THE SEDIMENT TRAPS AND SEDIMENT BASINS.
  4. INSTALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES.
  5. CONSTRUCT AREAS OF SEDIMENT BASINS AND SEDIMENT TRAP THEN STRIP AND STOCKPILE OR EXPORT TOPSOIL.
  6. INITIAL CONSTRUCT TEMPORARY SEDIMENT TRAPS AND SEDIMENT BASIN, INCLUDING OUTLET PIPES.
  7. CLEAR AND GRUB REMAINDER OF SITE THEN REMOVE AND STOCKPILE OR EXPORT TOPSOIL.
  8. BEGIN RECLAIM GRADING AND CONSTRUCTION OF RETAINING WALLS, INCLUDE ROCK REMOVAL AND PROCESSING, AS WELL AS STOCKPILING OF MATERIAL AS NECESSARY. PROVIDE TEMPORARY STABILIZATION OF DISTURBED AREAS AS MAY BE REQUIRED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
  9. COMPLETE PHASE 1 GRADING AND RESTORATION TOPSOIL IN AREAS SHOWN HEREON.
  10. ESTABLISH TEMPORARY AND PERMANENT SEED VEGETATION AS DIRECTED BY PROJECT LANDSCAPE ARCHITECT.

<p><b>JMC</b> Architectural, Engineering, Landscape Architecture &amp; Land Surveying, PLLC JMC Site Development Consultants, LLC John Meyer Consulting, Inc.</p> <p>420 BEGGAN ROAD - ARMONK, NY 10554 PHONE: 914-333-3232 - FAX: 914-243-2102 www.jmccorp.com</p>	<p><b>PHASE 1 GRADING AND EROSION &amp; SEDIMENT CONTROL PLAN</b></p> <p><b>FARRELL INDUSTRIAL PARK</b></p> <p>ROUTE 300 NEWBURGH, NY</p>	<p>ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND PERMITS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209. SUBSECTION 2.</p>
<p>DATE: 10/24/2023 PROJECT NO: 22127/2109 2203-06</p>	<p>DATE: 10/24/2023 PROJECT NO: 22127/2109 2203-06</p>	<p>DATE: 10/24/2023 PROJECT NO: 22127/2109 2203-06</p>
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**LEGEND**

---	EXISTING PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	EXISTING EASEMENT LINE
---	EXISTING METLAND LINE AND DELINEATION
---	EXISTING BUILDING EDGE
---	EXISTING CURB LINE
---	EXISTING STONE WALL
---	EXISTING RETAINING WALL
---	EXISTING GUARD RAIL
---	EXISTING FENCE
---	EXISTING STORM DRAIN LINE AND SIZE
---	EXISTING SANITARY LINE AND SIZE
---	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 SANITARY SEWER MANHOLE
---	PROPOSED STORM DRAIN MANHOLE
---	PROPOSED TYPE C DRAIN INLET
---	PROPOSED TYPE D DRAIN INLET
---	PROPOSED HEADWALL
---	PROPOSED WATER QUALITY STRUCTURE
---	PROPOSED SUBSURFACE DRAINAGE
---	PROPOSED OUTLET CONTROL STRUCTURE
---	PROPOSED CLEANOUT
---	PROPOSED HYDRANT
---	PROPOSED STORM DRAIN LINE & SIZE
---	PROPOSED SANITARY SEWER LINE & SIZE
---	PROPOSED WATER LINE & SIZE
---	PROPOSED RETAINING WALL (DESIGN BY OTHERS)
---	PROPOSED PIPE CROSSING LABEL

**REVISIONS**

No.	Date	By	Rev.	Comments
1.	06/19/2023	REDA	1	REVISED PER PLANNING BOARD COMMENTS
2.	07/26/2023	REDA	2	REVISED/ISSUED FOR OCOH SUBMISSION
3.	09/05/2023	REDA	3	REVISED/SUBMITTED FOR AMENDED SITE PLAN APPROVAL
4.	10/24/2023	REDA	4	REVISED PER TOWN ENGINEER COMMENTS

**APPLICANT:**  
**Y&H DEVELOPERS LLC**  
 106 SOUTH STREET  
 BROOKLYN, NY 11219

**JMC Planning, Engineering, Landscape Architecture & Land Surveying, PLLC**  
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**UTILITIES PLAN**  
**FARRELL INDUSTRIAL PARK**  
 TOWN OF NEWBURGH, NY

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209. SUBSECTION 2.

- NOTES:**
- EXISTING CONDITIONS DEPICTED HEREON HAVE BEEN TAKEN FROM SURVEY TITLED "TOPOGRAPHIC SURVEY OF PROPERTY," PREPARED BY JMC ENGINEERING, LANDSCAPE ARCHITECTURE & LAND SURVEYING, INC., LAST REVISED 08/09/2021. CONTRACTOR SHALL SATISFY HIM/HERSELF AS TO THE ACCURACY OF THE EXISTING INFORMATION SHOWN HEREON AND IDENTIFY ANY DISCREPANCIES PRIOR TO THE ISSUANCE OF A B.O.
  - ALL STORMWATER MANAGEMENT PRACTICES SHALL REMAIN UNDISTURBED AND BE PROTECTED FROM HEAVY MECHANICAL TRAFFIC DURING CONSTRUCTION. HOWEVER, DURING CONSTRUCTION OF THE PRACTICE THE CONTRACTOR SHALL MAINTAIN AND AVOID HEAVY MECHANICAL 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.
  - 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-2924. JOINTS SHALL BE WATER-TIGHT IN ACCORDANCE WITH ASTM D-3252.
  - UNLESS OTHERWISE SPECIFIED, PIPE FOR WATER LINES SHALL BE DOUBLE CORNERS-LINED DUCTILE IRON PIPE (DIP), CLASS 50, WITH MECHANICAL JOINTS IN ACCORDANCE WITH ANNA C-150, C-151, C-154 AND C-111.
  - ELECTRIC, TELEPHONE, FIRE ALARM AND CABLE TELEVISION LINES SHALL BE INSTALLED UNDERGROUND IN CONJUNCTION WITH THE REQUIREMENTS OF THE UTILITY COMPANY HAVING JURISDICTION.
  - UNLESS OTHERWISE SPECIFIED, PIPE FOR SANITARY SEWER GRADY LINES SHALL BE POLYETHYLENE GLYCOL (PE) PIPE, 300-36, WITH PUSH-ON JOINTS IN ACCORDANCE WITH ASTM D-3034 AND D-3021.
  - CONSTRUCTION OF POTABLE WATER UTILITIES AND CONNECTION TO THE TOWN OF NEWBURGH WATER SYSTEM REQUIRES A PERMIT FROM THE TOWN OF NEWBURGH WATER DEPARTMENT. ALL REQUIREMENTS SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE DEPARTMENT OF HEALTH AND THE TOWN OF NEWBURGH.
  - THRUST RESTRAINT OF THE PIPE SHALL BE THROUGH THE USE OF JOINT RESTRAINT. THRUST BLOCKS ARE NOT ACCEPTABLE. JOINT RESTRAINT SHALL BE THROUGH THE USE OF MECHANICAL JOINT PIPE WITH RETAINER GLANDS. ALL FITTINGS AND VALVES SHALL ALSO BE INSTALLED WITH RETAINER GLANDS FOR JOINT RESTRAINT. RETAINER GLANDS SHALL BE DUCTILE IRON REGULAR SERIES 1100 OR APPROVED EQUAL. THE USE OF A MANUFACTURED RESTRAINTED JOINT PIPE IS ACCEPTABLE WITH PRIOR APPROVAL OF THE WATER DEPARTMENT.
  - ALL FITTINGS SHALL BE CAST IRON OR DUCTILE IRON MECHANICAL JOINT, CLASS 250 AND CONFORM TO ANSI/AWWA C110/A21.10-87 OR LATEST REVISION FOR DUCTILE AND GRAY IRON FITTINGS OR ANSI/AWWA C153/A21.34-94 FOR LATEST REVISION FOR DUCTILE IRON COMPACT FITTINGS.
  - ALL VALVES SHALL BE RESILIENT WEDGE, MECHANICAL JOINT GATE VALVES CONFORMING TO ANSI/AWWA C200 OR LATEST REVISION SUCH AS MUELLER A-2360-23 OR APPROVED EQUAL. ALL GATE VALVES SHALL OPEN LEFT (COVER SIDE MOS).
  - TAPPING SLEEVES SHALL BE MECHANICAL JOINT SUCH AS MUELLER H-415 OR EQUAL. TAPPING VALVE SHALL BE RESILIENT WEDGE GATE VALVES CONFORMING TO ANSI/AWWA C200 SUCH AS MUELLER MOSE, T-2300-19 OR APPROVED EQUAL. ALL TAPPING SLEEVES AND VALVES SHALL BE TESTED TO 150 PSI MINIMUM. THE TESTING OF THE TAPPING SLEEVES AND VALVES MUST BE WITNESSED AND ACCEPTED BY THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO CUTTING INTO THE PIPE.
  - ALL WATER SERVICE LINES TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING. CORPORATION STOPS SHALL BE MUELLER H-1020 FOR 1/2" AND 1" INCH, MUELLER H-1020 OR B-2000 FOR 1 1/2" OR 2" INCH SIZES. CURB VALVES SHALL BE MUELLER H-1021-2 FOR 1/2" AND 1" INCH AND MUELLER B-2000 FOR 1 1/2" AND 2" INCH SIZES. CURB BOXES SHALL BE MUELLER H-1032 FOR 1/2" AND 1" INCH AND MUELLER H-1030 FOR 1 1/2" AND 2" INCH SIZES.
  - ALL PIPE INSTALLATION SHALL BE SUBJECT TO INSPECTION BY THE TOWN OF NEWBURGH WATER DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS AS REQUIRED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT.
  - THE WATER MAIN SHALL BE TESTED, DISINFECTED AND FLUSHED IN ACCORDANCE WITH THE TOWN OF NEWBURGH REQUIREMENTS. ALL TESTING, DISINFECTING AND FLUSHING SHALL BE COORDINATED WITH THE TOWN OF NEWBURGH WATER DEPARTMENT PRIOR TO PUTTING THE WATER MAIN IN SERVICE. SATISFACTORY SANITARY RESULTS FROM A NEW YORK STATE CERTIFIED LAB MUST BE SUBMITTED TO THE TOWN OF NEWBURGH WATER DEPARTMENT. SAMPLES MUST BE COLLECTED BY A REPRESENTATIVE OF THE TESTING LABORATORY AND WITNESSED BY THE WATER DEPARTMENT.
  - THRUST RESTRAINT SHALL BE PROVIDED BY THE RODS AND RETAINER GLANDS. THE LENGTH OF RESTRAINTED PIPE SHALL BE DETERMINED BASED UPON WORKING PRESSURES, SOIL CONDITIONS AND DEPTH OF BURY ACCORDING TO DIPA STANDARDS.
  - PRESSURE AND LEAKAGE TESTS ARE REQUIRED AND SHALL BE DONE IN ACCORDANCE WITH AWWA C400 STANDARDS.
  - IF THE SECTION BEING TESTED SHALL FAIL TO PASS THE PRESSURE TEST OR THE LEAKAGE TEST, OR BOTH, THE CONTRACTOR SHALL DO EVERYTHING NECESSARY TO LOCATE, UNCOVER, AND REPAIR OR REPLACE THE DEFECTIVE PIPE, FITTINGS OR JOINTS, AND ALL SUCH WORK SHALL BE DONE AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.
  - THIS PROJECT HAS INDICATED THE INTENT TO PROVIDE ADEQUATE FIRE FLOW BY THE PROPOSED INSTALLATION OF SPRINKLER SYSTEMS MEETING MFA REQUIREMENTS AND IS, THEREFORE, EXEMPT FROM THE NEED FOR FIRE FLOW GUIDELINES OF THE INSURANCE SERVICE OFFICE (ISO). THE PROPOSED SPRINKLER SYSTEM DESIGN HAS NOT BEEN EVALUATED BY THE ORANGE COUNTY DEPARTMENT OF HEALTH FOR COMPLIANCE WITH MFA REQUIREMENTS.
  - BACKFLOW PREVENTION DEVICES FOR BOTH THE "DOMESTICS" AND "F" SERVICES TO BE APPROVED BY OCOH AND USE DESIGNED BY OTHERS UNDER A SEPARATE APPLICATION. BACKFLOW PREVENTION DEVICES WILL BE LOCATED IN THE BUILDING. APPLICATION FOR APPROVAL SHALL BE SUBMITTED UNDER SEPARATE COVER BY THE MECHANICAL ENGINEER/ARCHITECT.
  - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT AND SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL THE TESTS AS SPECIFIED HEREIN. ALL PIPE SHALL BE TESTED BY HYDROSTATIC PRESSURE. FIFTY (50) PERCENT IN EXCESS OF THE NORMAL WORKING PRESSURE BUT NOT LESS THAN 150 PSI OR MORE THAN THE DESIGN RATING OF THE PIPE APPROPRIATE IN ACCORDANCE WITH AWWA OPERATION C-600. THE TEST SHALL BE DETERMINED BY THE WATER AUTHORITY OR OWNER'S FIELD REPRESENTATIVE. EACH TESTED SHALL BE THOROUGHLY FILLED WITH WATER, CARE BEING TAKEN TO EXPURGE ALL AIR FROM THE LINES IF NECESSARY. THE PIPES SHALL BE TAPPED AT HIGH POINTS TO VENT THE AIR REQUIRED. PRESSURE, AS MEASURED AT THE POINT OF INTEREST ELEVATION, SHALL BE APPLIED FOR NOT LESS THAN TWO (2) HOURS. ALL PIPE FITTINGS, VALVES, JOINTS AND JOINTS SHALL BE CAREFULLY EXAMINED FOR DEFECTS. LEAKY JOINTS SHALL BE MADE WATER-TIGHT.
  - UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE BY THE PROFESSIONAL ENGINEER SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE PROFESSIONAL ENGINEER.
  - ALL WATER DISTRIBUTION SYSTEM PIPES AND APPURTENANCES SHALL CONFORM TO CURRENT TOWN OF NEWBURGH STANDARDS.
  - UNDER INDUSTRIAL CODE 253, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY ALL OPERATORS OF UTILITIES LISTED ON THE CURRENT "MASTER LIST OF OPERATORS ON FILE WITH THE CENTRAL RECORDS" AS WELL AS THE TOWN OF NEWBURGH AND NYSDOT PRIOR TO THE START OF THIS WORK SO THAT ALL THE VARIOUS UNDERGROUND UTILITY OPERATORS WILL BE MADE TO LOCATE AND MARK THE LOCATIONS OF THEIR OWN UTILITIES. NO WORK SHALL COMMENCE UNTIL ALL THE OPERATORS HAVE NOTIFIED THE CONTRACTOR THAT THEIR UTILITIES HAVE BEEN LOCATED.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ABOVE THE SITE OF CONSTRUCTION, INsofar AS THEY MAY BE ENHANCED BY HIS OPERATIONS. THE CONTRACTOR SHALL HOLD THESE OPERATORS IN THE DRAWINGS. IF THEY ARE SHOWN ON THE CONTRACT DRAWINGS, IF THEY ARE SHOWN ON THE DRAWINGS, THEIR LOCATIONS ARE NOT GUARANTEED, EVEN THROUGH THE INFORMATION WAS OBTAINED FROM THE BEST AVAILABLE SOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ANY STRUCTURES OR UTILITIES THAT HE OR SHE DAMAGES, AND SHALL CONSTANTLY PROCEED WITH CAUTION TO PREVENT UNWARRANTED INTERRUPTION TO UTILITY SERVICE.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE UNDERGROUND AND SURFACE UTILITIES AND STRUCTURES AT OR ABOVE THE SITE OF CONSTRUCTION, INsofar AS THEY MAY BE ENHANCED BY HIS OPERATIONS. THE CONTRACTOR SHALL HOLD THESE OPERATORS IN THE DRAWINGS. IF THEY ARE SHOWN ON THE CONTRACT DRAWINGS, IF THEY ARE SHOWN ON THE DRAWINGS, THEIR LOCATIONS ARE NOT GUARANTEED, EVEN THROUGH THE INFORMATION WAS OBTAINED FROM THE BEST AVAILABLE SOURCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ANY STRUCTURES OR UTILITIES THAT HE OR SHE DAMAGES, AND SHALL CONSTANTLY PROCEED WITH CAUTION TO PREVENT UNWARRANTED INTERRUPTION TO UTILITY SERVICE.
  - POTABLE WATER PIPE NETWORKS MUST BE IN COMPLIANCE WITH THE "NO LEAD LAW." THE AMENDMENT TO THE SAFE DRINKING WATER ACT WHICH PROHIBITS THE USE OF BRASS PRODUCTS CONTAINING MORE THAN 0.05% LEAD. THE WATER SERVICE INSTALLATION MUST ALSO COMPLY WITH THE "NO LEAD LAW" THAT MUST BE IN EFFECT JANUARY 4, 2014.
  - HYDRANT DRAINS ARE TO BE PLUGGED IF GROUNDWATER IS EXPECTED WITHIN 2' OR LESS BELOW BASE. WHEN DRAINS ARE PLUGGED, THE BARRELS MUST BE PLUGGED AFTER USE AND THESE HYDRANTS MUST BE MARKED AND Labeled TO INDICATE AS SUCH.
  - THIS PLAN IS PROVIDED TO THE OCOH WITH THE PRIVATE WATERMAIN EXTENSION DOCUMENT FOR REVIEW AND APPROVAL OF THE WATERMAIN EXTENSION. ALL NOTES, DETAILS, AND SPECIFICATIONS PERTAINING TO THE SANITARY SEWER SYSTEM, STORM DRAINAGE SYSTEM, AND OTHER UTILITIES ARE NOT FOR OCOH REVIEW OR APPROVAL.

Scale: 1" = 50'  
 Date: 04/19/2023  
 Project No: 22127/2109  
 220-UR: UTL  
 UTL-02  
**C-300**  
 10000 WILKINSON CIRCLE SUITE 207  
 FARMINGVILLE, NY 11737

SEDIMENT TRAP #1  
STONE OUTLET (4" - 8" RIPRAP)  
MIN. OUTLET LENGTH - 5'  
CONTRIBUTING AREA: 1.2 AC  
CLEANOUT ELEV. 414.50

SEDIMENT TRAP #2  
STONE OUTLET (4" - 8" RIPRAP)  
MIN. OUTLET LENGTH - 15'  
CONTRIBUTING AREA: 3 AC  
CLEANOUT ELEV. 419.50

SEDIMENT BASIN #1  
CONTRIBUTING AREA: 12.8 AC

PROPOSED OFFICE SPACE  
AEROBIC TANK HATCH  
BATTLE TANK UNIT  
WWTAP SYSTEM  
DESIGNED BY P&D  
CONSULTING ENGINEERS  
PRODUCTS FROM AQUAPONT

PROPOSED BUILDING  
262,080 S.F.  
FFE 456.00

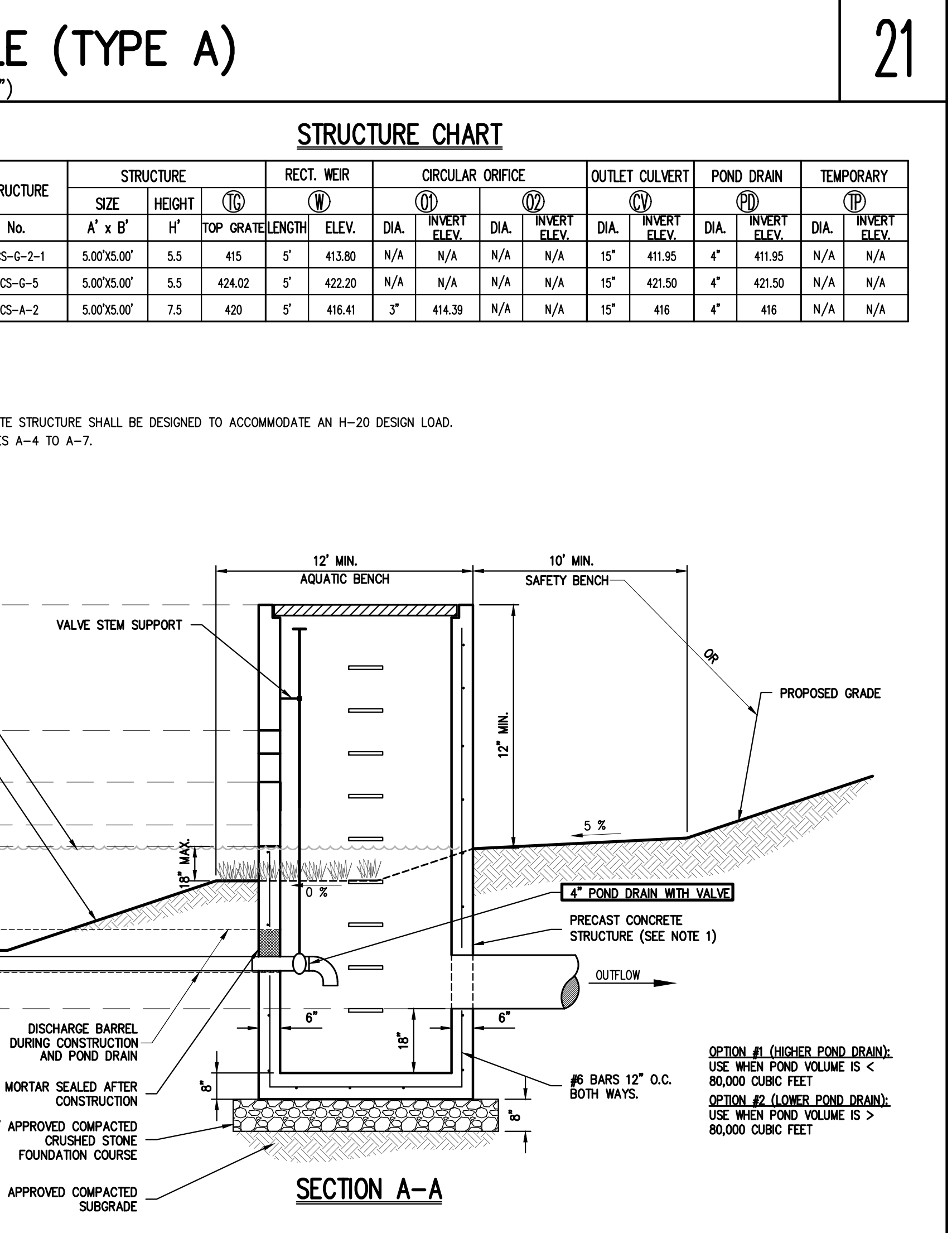
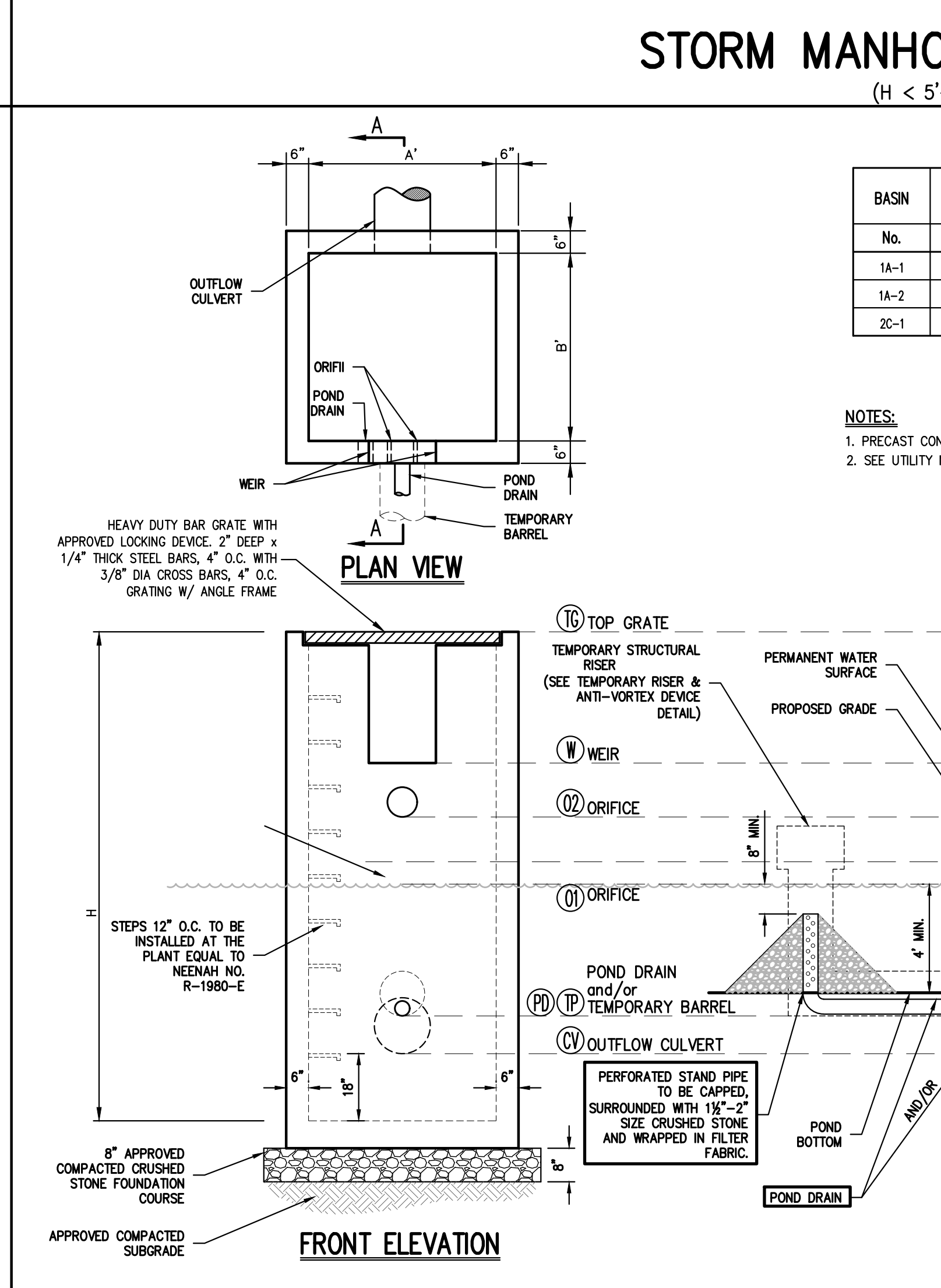
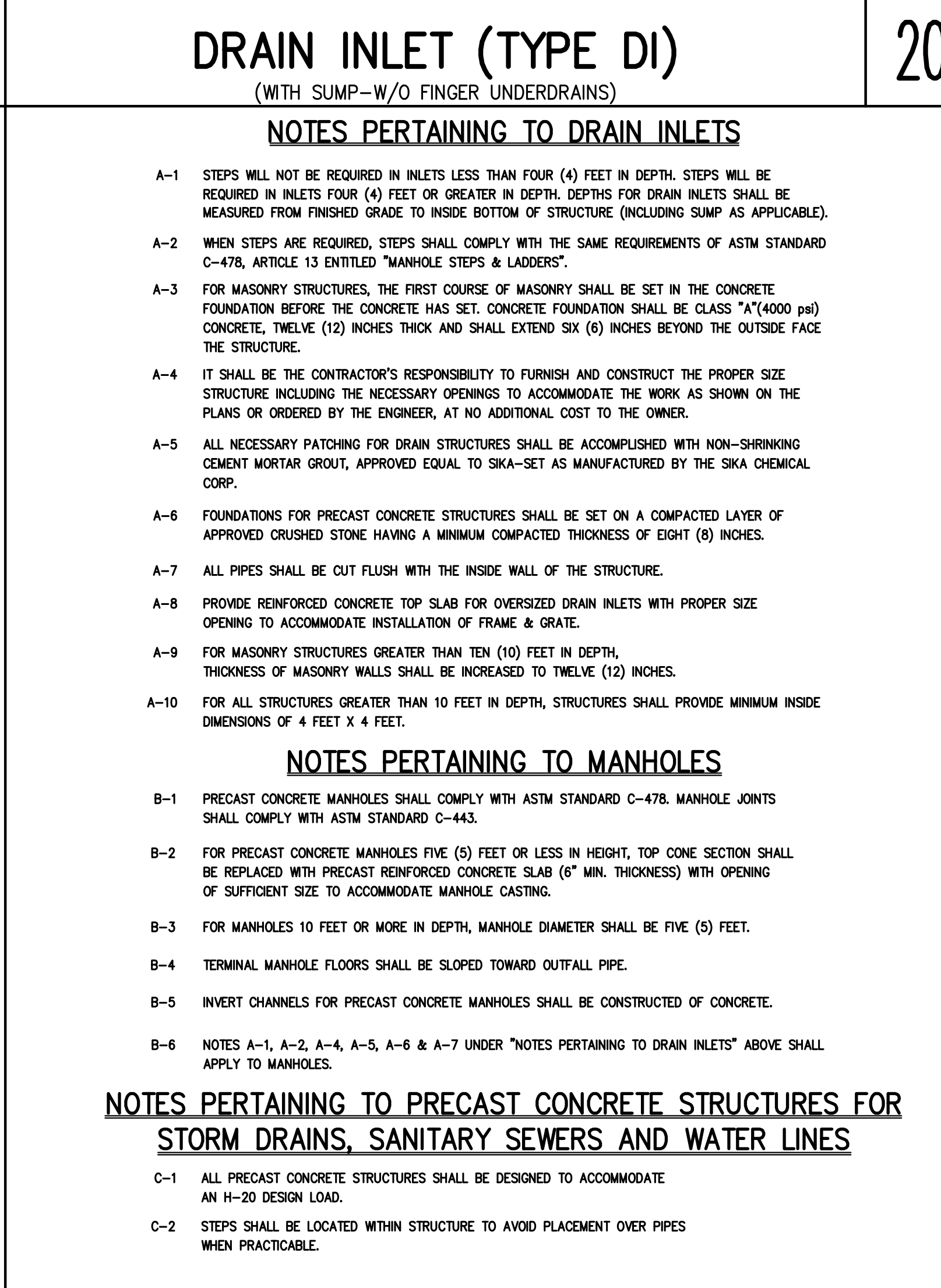
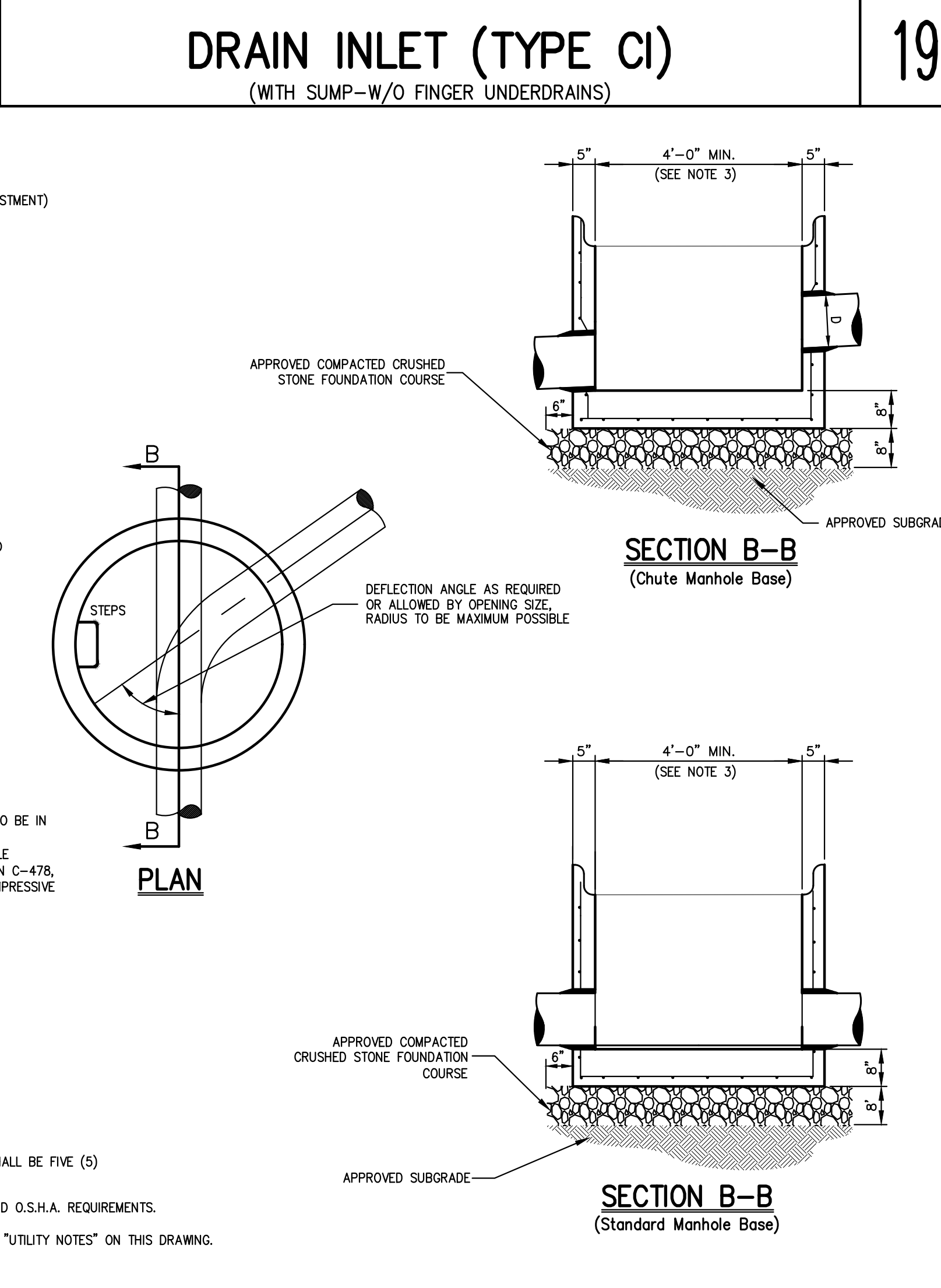
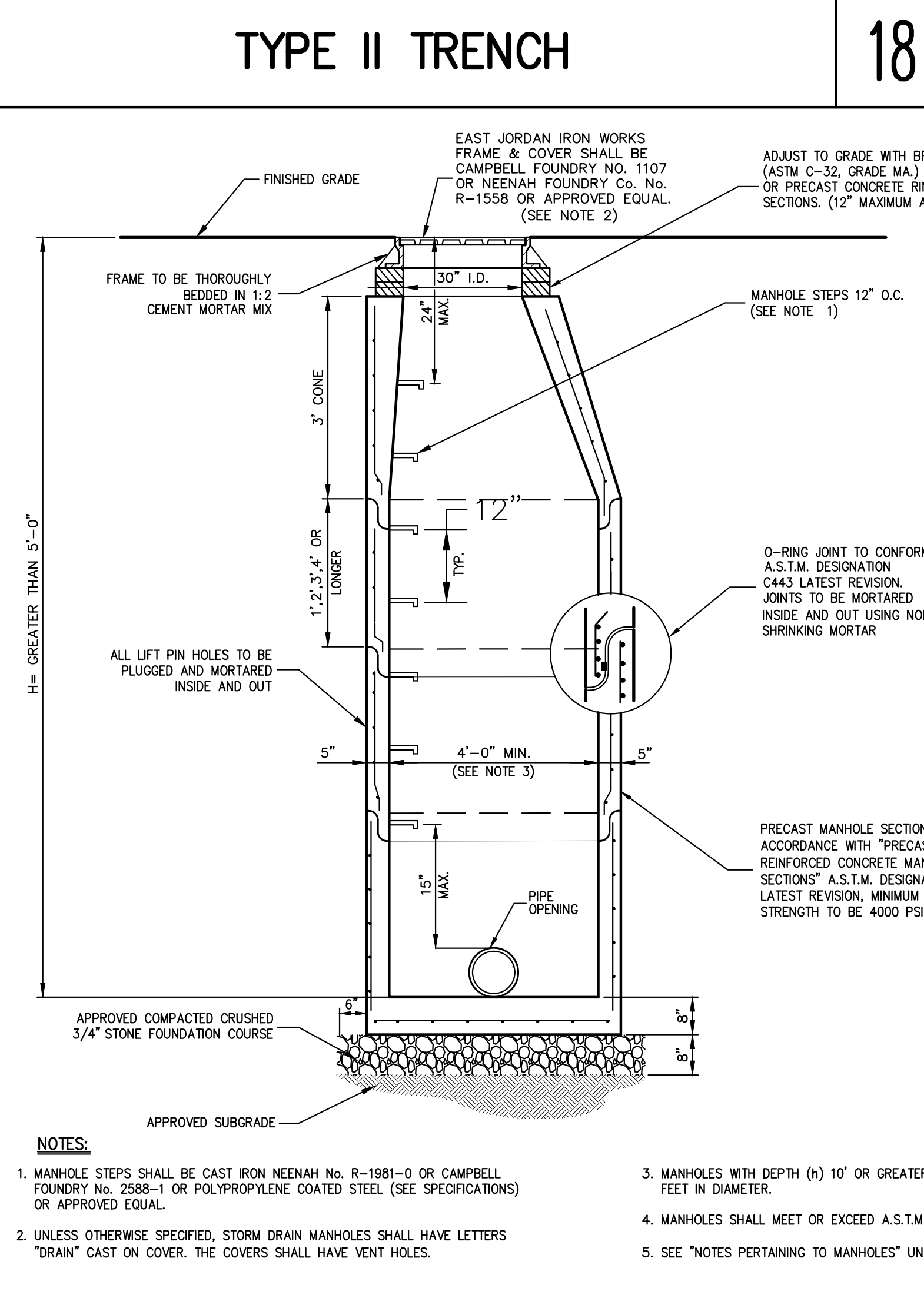
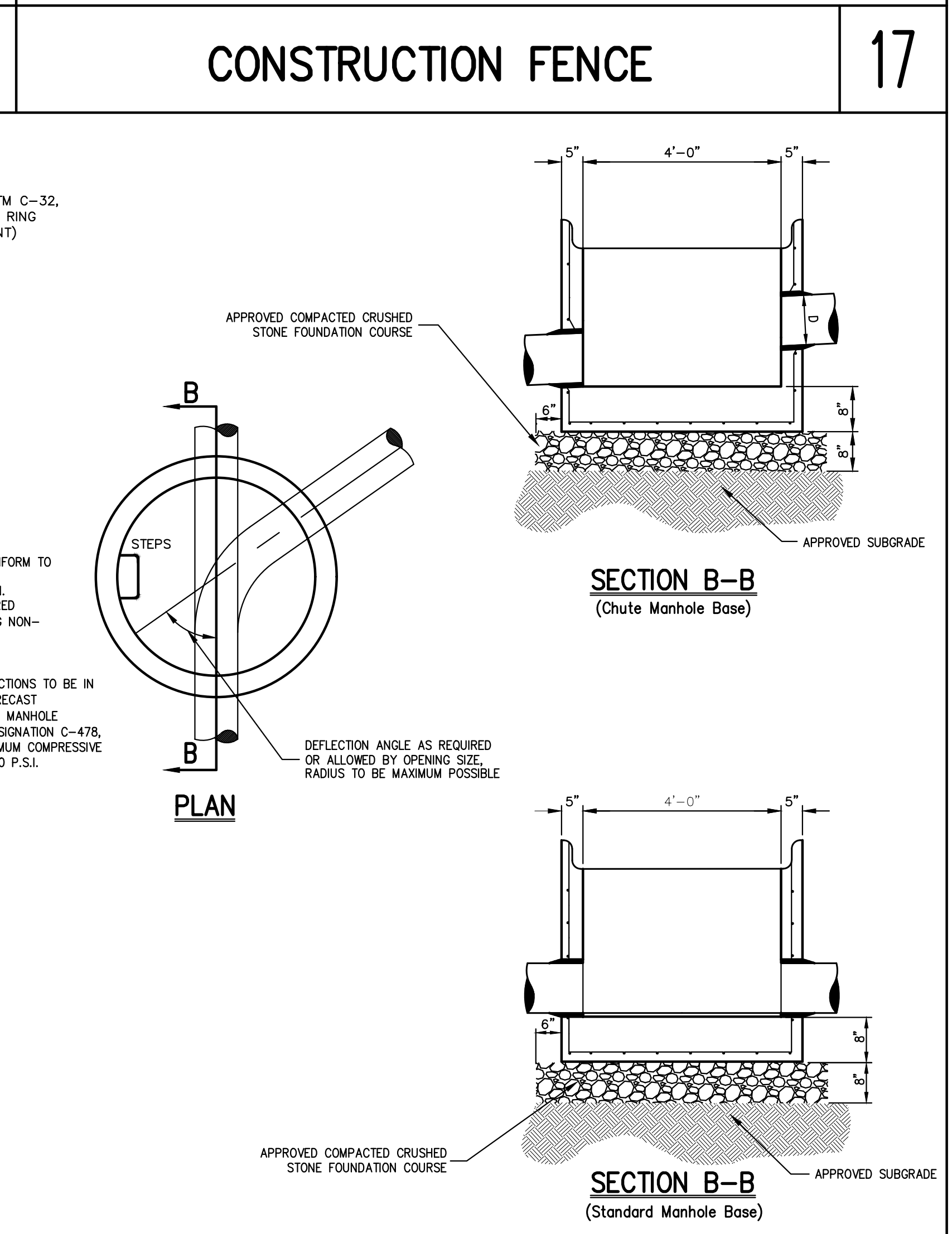
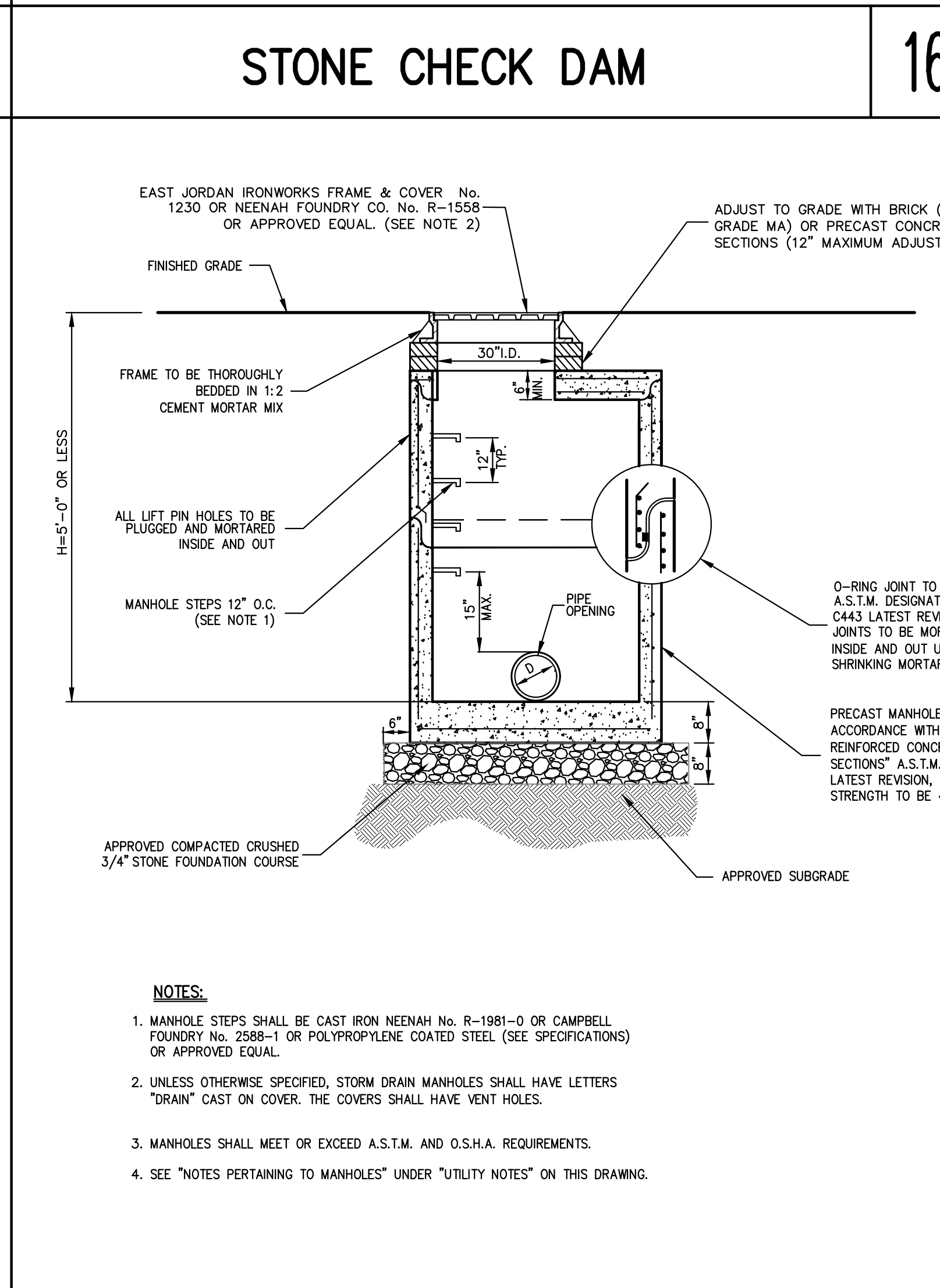
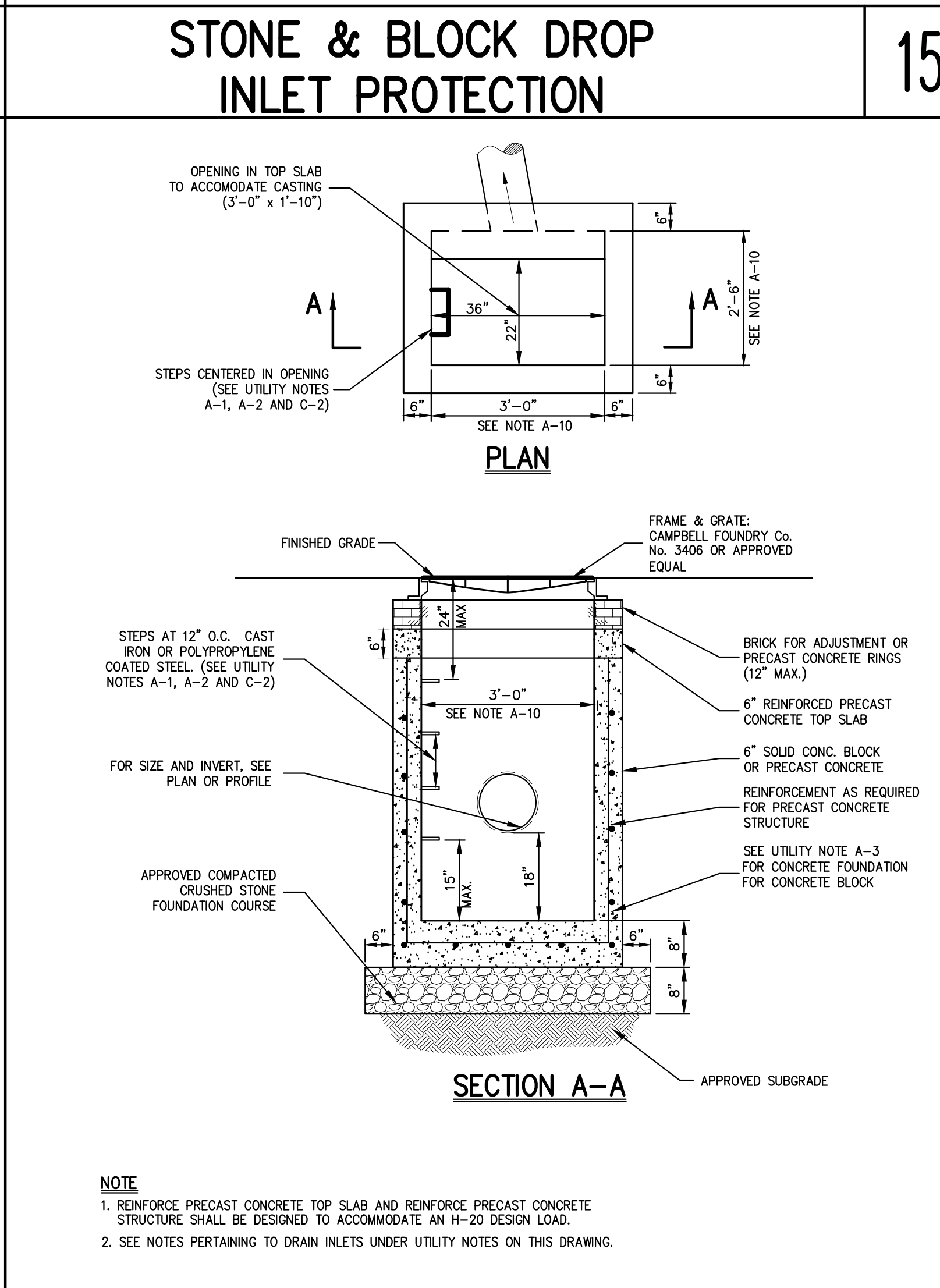
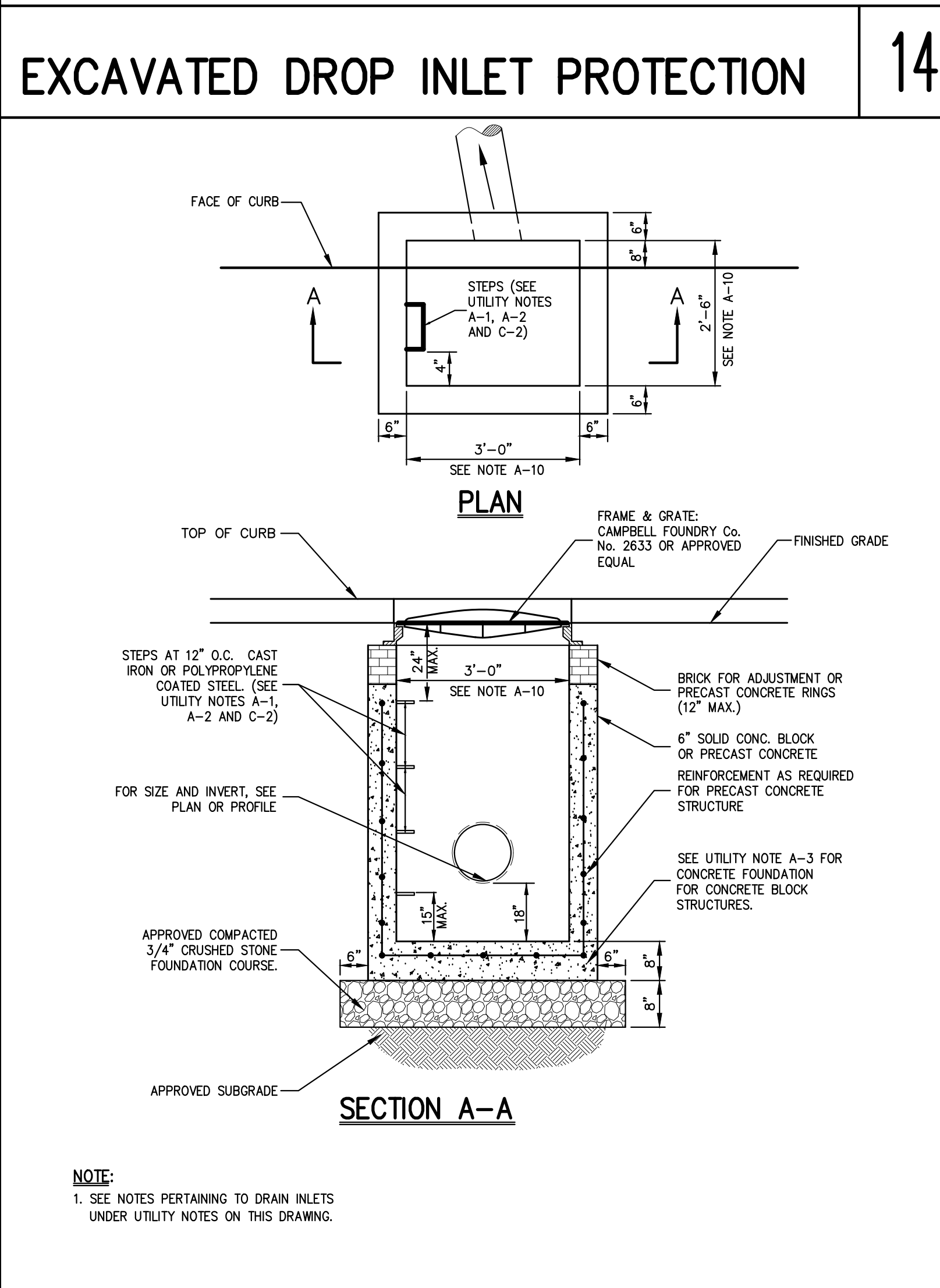
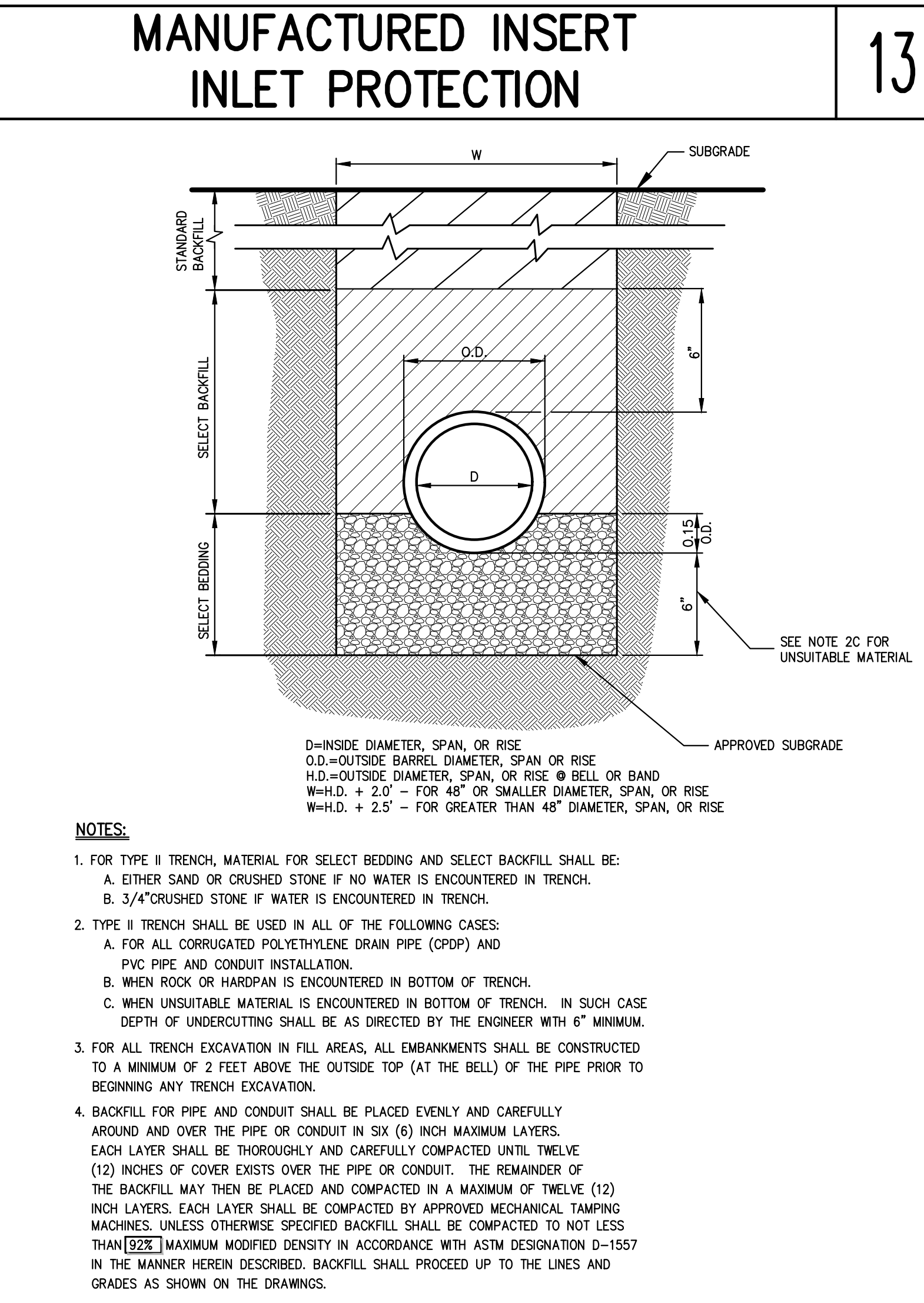
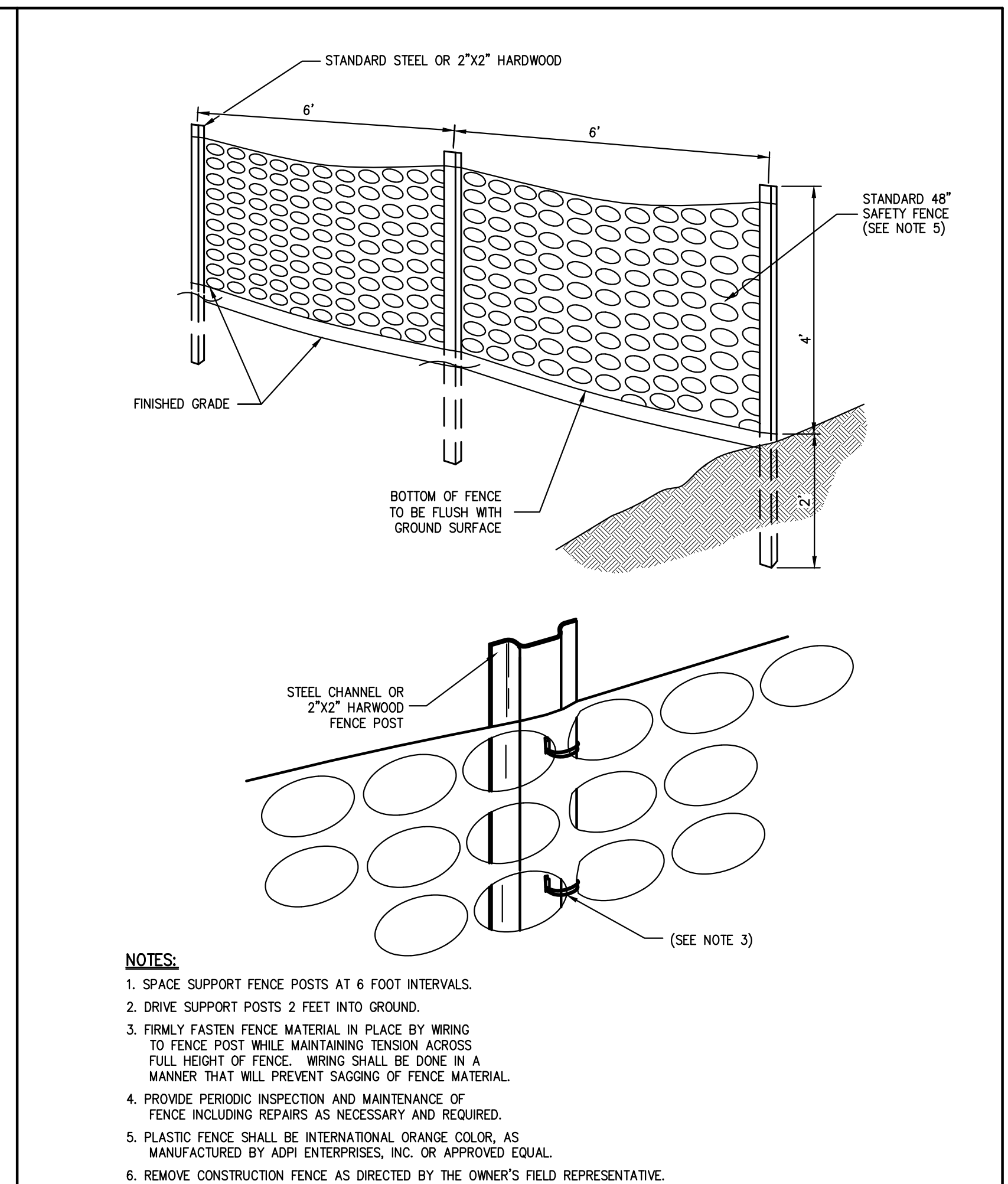
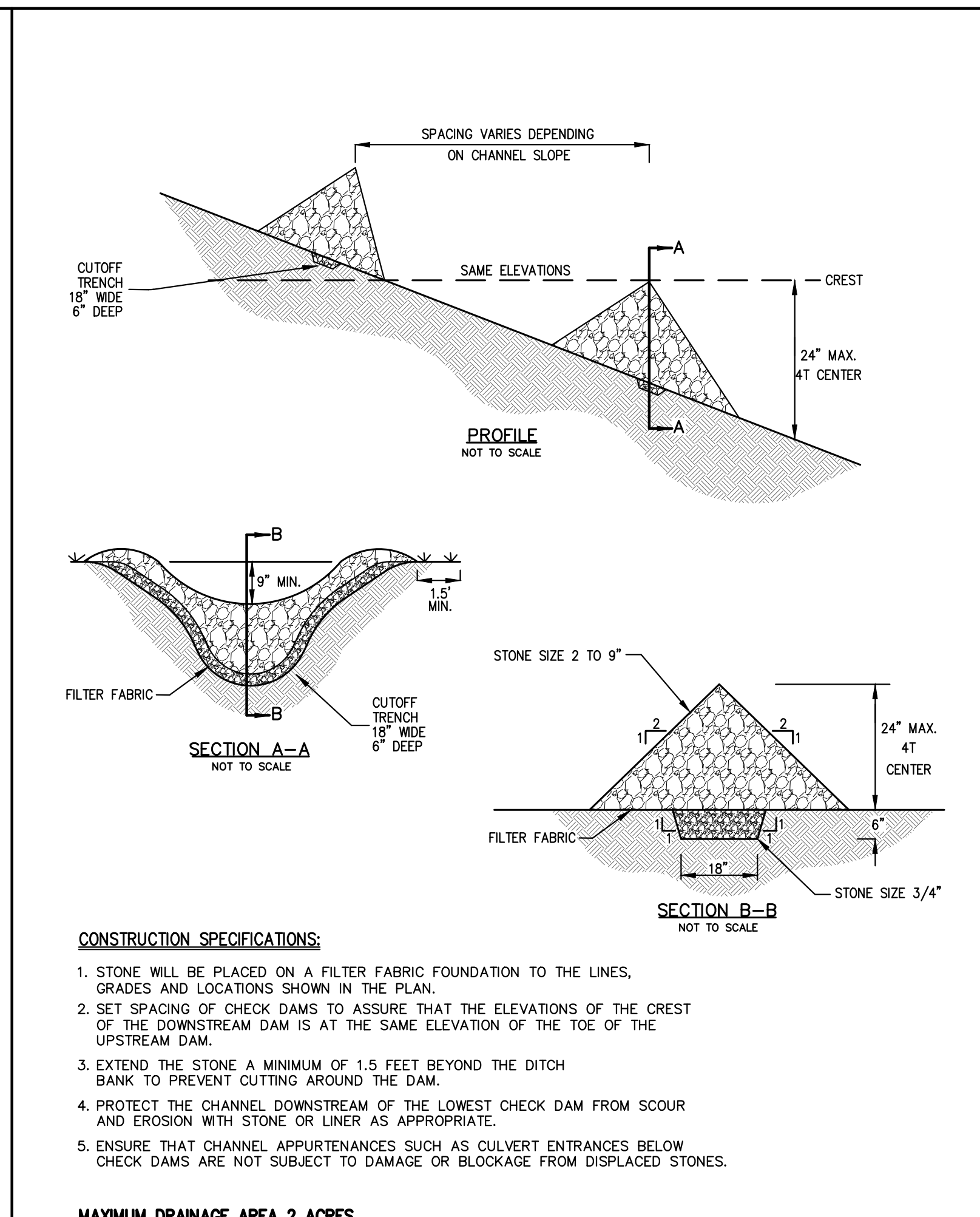
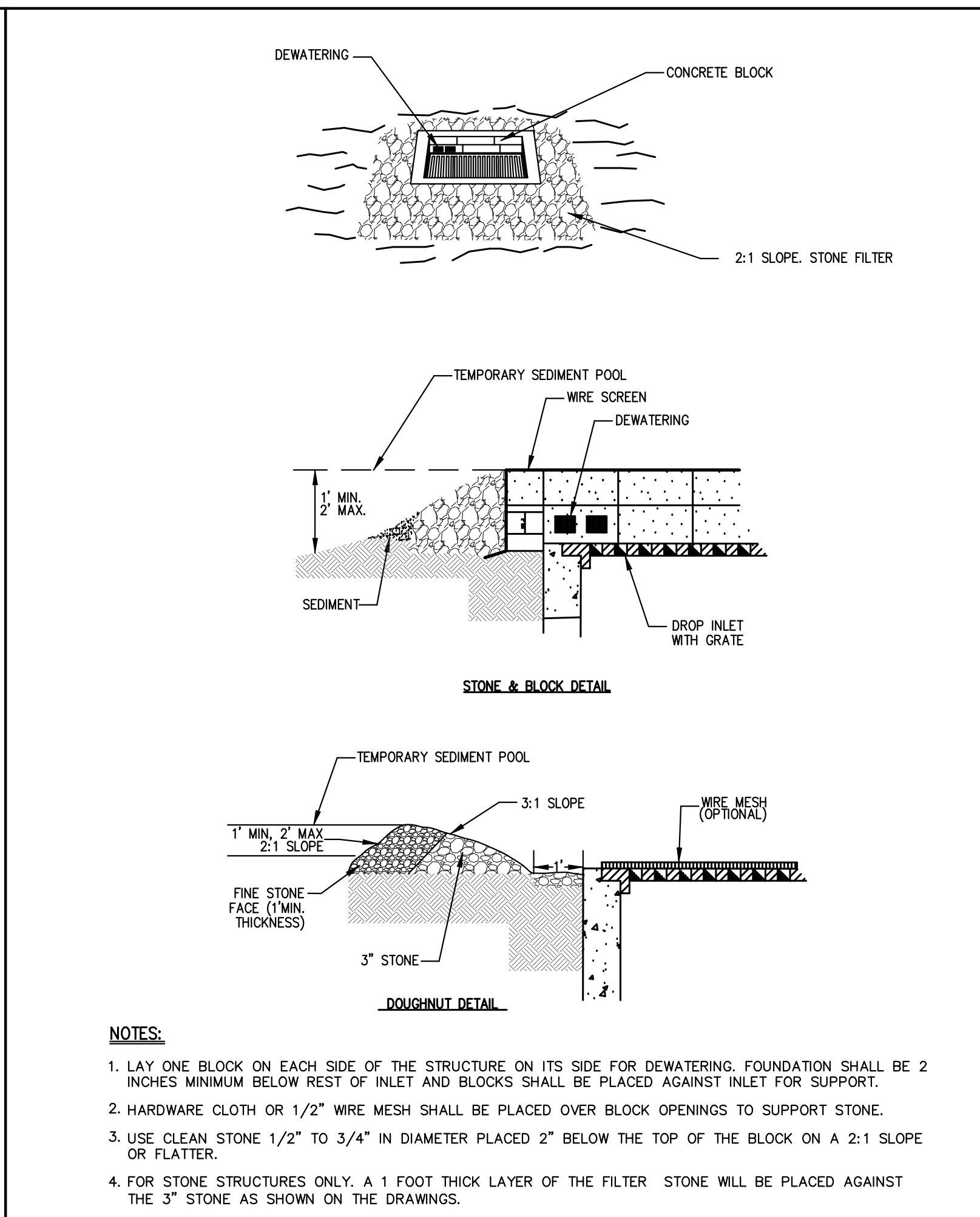
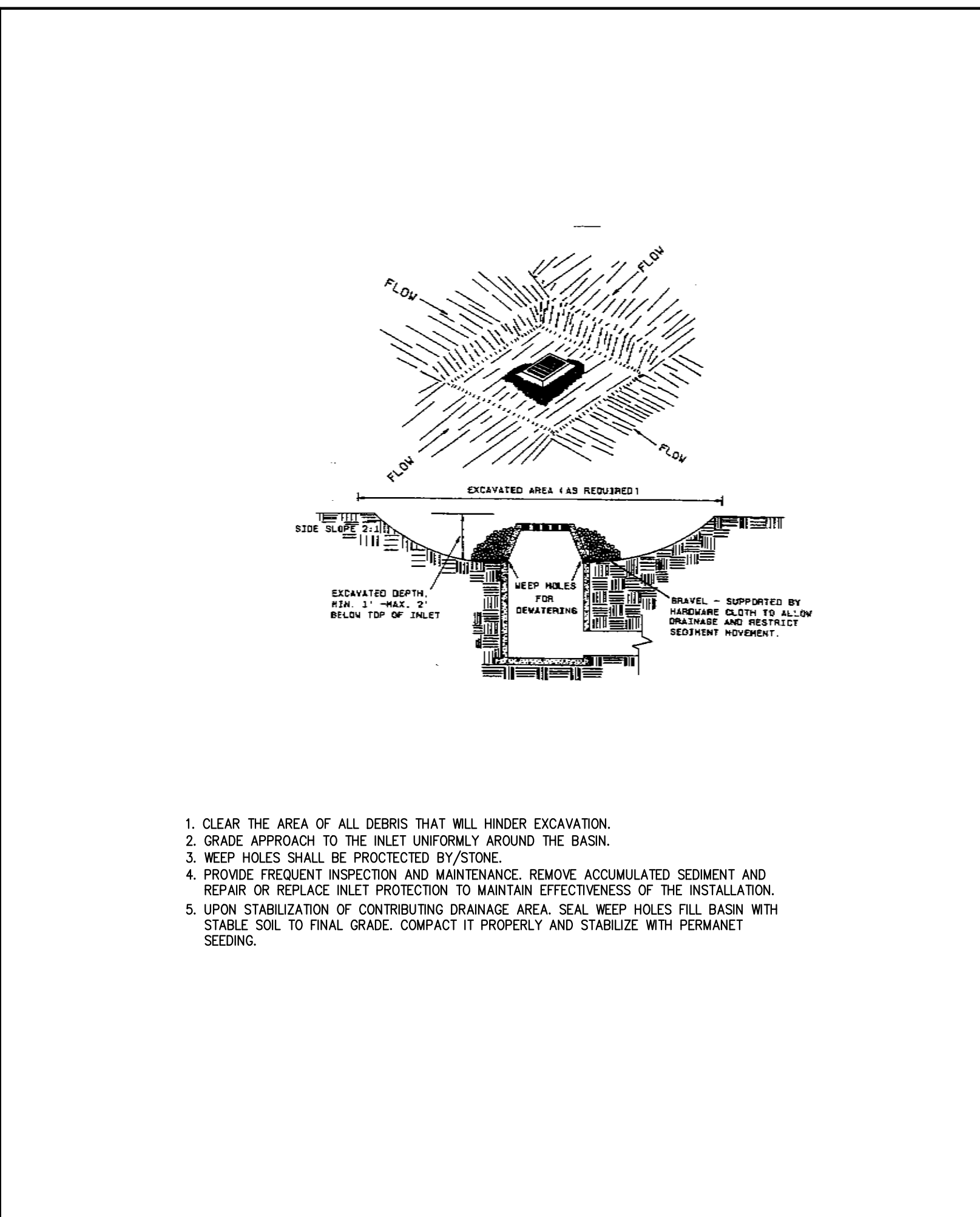
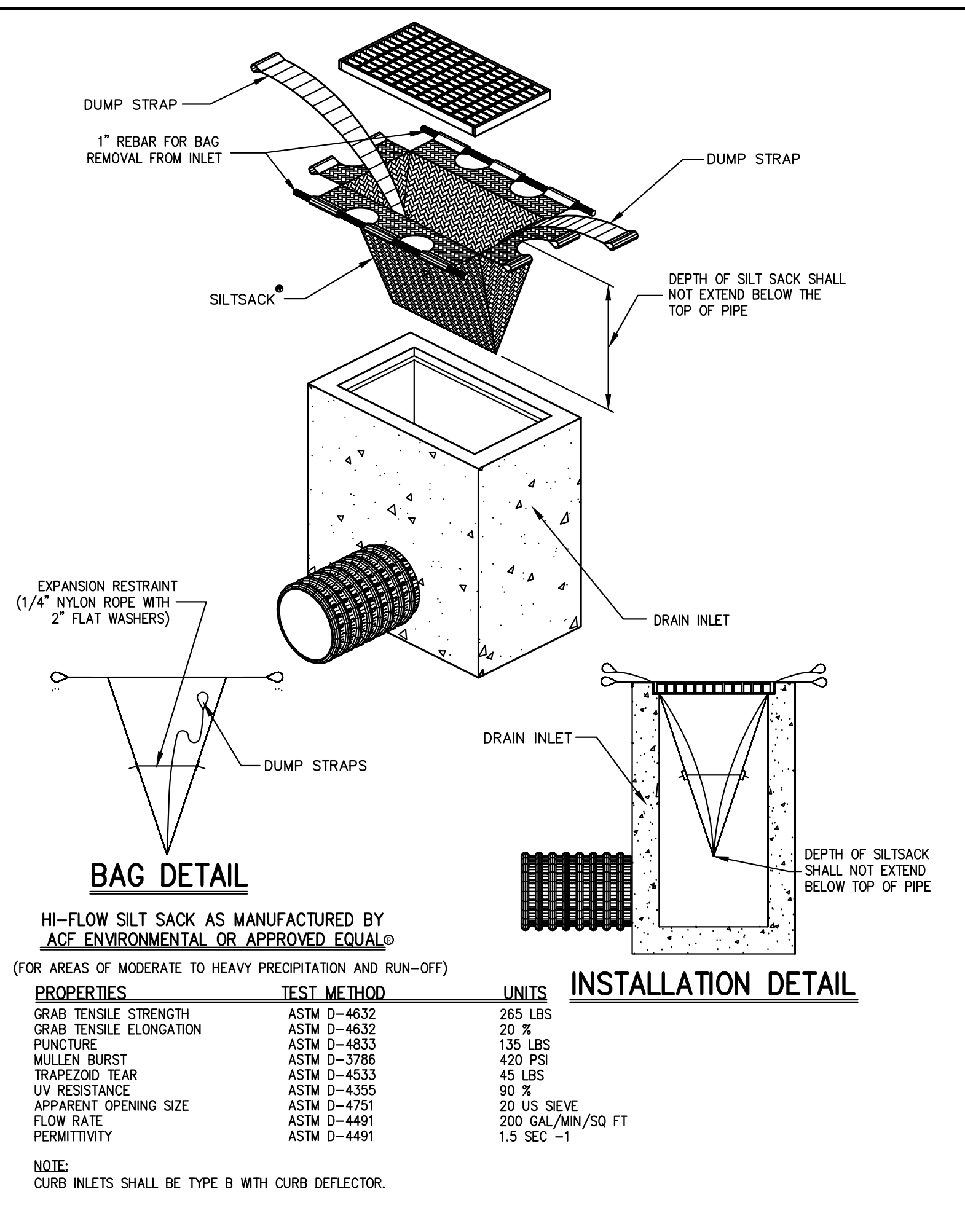
LEGEND	
	PROPOSED INLET PROTECTION
	PROPOSED CONSTRUCTION FENCE
	PROPOSED SILT FENCE
	PROPOSED LIMIT OF DISTURBANCE
	PROPOSED STABILIZED CONSTRUCTION ENTRANCE
	PROPOSED STOOPPLE AREA
	PROPOSED TEMPORARY SWALE
	PROPOSED TEMPORARY SEDIMENT BASIN
	PROPOSED TREE PROTECTION
	TEMPORARY RIVER & ANTI-VORTEX DEVICE

- NOTES:**
- EXISTING CONDITIONS SHOWN HEREON HAVE BEEN TAKEN FROM SURVEY TITLED "TOPOGRAPHIC SURVEY OF PROPERTY" PREPARED BY JMC ENGINEERING, LANDSCAPE ARCHITECTURE & LAND SURVEYING, PLLC, LAST REVISED 06/09/2021. CONTRACTOR SHALL SATISFY HIM/HERSELF AS TO THE ACCURACY OF THE EXISTING INFORMATION SHOWN HEREON AND IDENTIFY ANY DISCREPANCIES PRIOR TO THE ISSUANCE OF A BID.
  - THIS PLAN IS FOR TEMPORARY EROSION AND SEDIMENT CONTROL INFORMATION ONLY.
  - PRIOR TO BEGINNING ANY CLEARING, GRUBBING OR EXCAVATION, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL THE PLANS AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. MEASURES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED. FINAL STABILIZATION OF DISTURBED AREAS SHALL BE IN ACCORDANCE WITH THE LANDSCAPE PLAN.
  - THE CONTRACTOR SHALL INSPECT AND MAINTAIN ON-SITE EROSION AND SEDIMENT CONTROL MEASURES IN A DAILY BASIS. ALL COLLECTED SEDIMENT WITHIN SEDIMENT TRAPS SHALL BE REMOVED PERIODICALLY AS REQUIRED TO MAINTAIN THE FUNCTION OF THE SEDIMENT BARRIERS. ALL SEDIMENT COLLECTED SHALL BE RESPAVED ON-SITE WITHIN STABILIZED AREAS AS DIRECTED BY THE OWNER'S REPRESENTATIVE, JMC, AND/OR ANY AUTHORITY HAVING JURISDICTION.
  - THE CONTRACTOR SHALL INSPECT DOWNSTREAM CONDITIONS FOR EVIDENCE OF SEDIMENTATION ON A WEEKLY BASIS, AFTER EACH RAINFALL, AND AS MAY BE REQUIRED OR DIRECTED BY ALL APPLICABLE APPROVED AGENCIES. THE CONTRACTOR SHALL IMMEDIATELY PROVIDE A WRITTEN REPORT ON FINDINGS OF SEDIMENT IN DOWNSTREAM AREAS TO ALL AUTHORITY HAVING JURISDICTION AND MAKE REPAIRS AS REQUIRED OR DIRECTED.
  - ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED/MANDATED BY FIELD CONDITIONS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE, JMC, AND/OR ANY AUTHORITY HAVING JURISDICTION.
  - STOOPPLING OF CONSTRUCTION MATERIAL SHALL BE PLACED ON-SITE IN THE AREA DESIGNATED ON THIS PLAN OR AS APPROVED BY THE OWNER'S REPRESENTATIVE. STOOPPLED EXCAVATED MATERIAL SHALL HAVE TWO ROWS OF SILT FENCE LOCATED AROUND ITS PERIMETER. ALL STOOPPLED MATERIAL SHALL BE MAINTAINED IN AN ORDERLY MANNER SO AS NOT TO IMPEDER ON PEDESTRIAN AND/OR VEHICULAR TRAFFIC CIRCULATION ROUTES.
  - DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
  - ALL STORMWATER MANAGEMENT PRACTICES SHALL REMAIN UNDISTURBED AND BE PROTECTED FROM HEAVY MACHINERY TRAFFIC DURING CONSTRUCTION. WORKER PARKING AND STORAGE OF MATERIALS SHALL BE MAINTAINED AND AVOID HEAVY MACHINERY TRAFFIC TO THE MAXIMUM EXTENT FEASIBLE. 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.
  - THIS PROJECT WILL BE REQUESTING THE 5-ACRE WAIVER FROM THE INTERPOL, AS THE AREA OF PROPOSED GROUND DISTURBANCE FOR CONSTRUCTION OF THE SITE WILL AT TIMES EXCEED FIVE ACRES. AT SUCH TIMES, IN AREAS WHERE DISTURBANCE EXCEEDS FIVE ACRES, THE CONTRACTOR SHALL CEASE THE APPLICATION OF SOIL STABILIZATION MEASURES DURING THE WEEK END OF THE NEXT BUSINESS DAY AND COMPLETE WITHIN SEVEN DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY BEGINS. THE SOIL STABILIZATION MEASURES SHALL BE IN ACCORDANCE WITH THE TECHNICAL STANDARDS, NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, EDITION NOVEMBER 2016. AT TIMES WHEN GROUND DISTURBANCE IS LESS THAN 5 ACRES, THE CONTRACTOR SHALL MAINTAIN THE PRACTICE TO DISCOURAGE VEHICLE TRAFFIC.
  - ALL EXPOSED SLOPES AND GRADED/DISTURBED AREAS, THAT WILL NOT BE FURTHER DISTURBED WITHIN 14 CALENDAR DAYS (7 DAYS FOR CONSTRUCTION SITES THAT EITHER DIRECTLY DISCHARGE TO ONE OF THE 300(0) SEWERS LISTED IN APPENDIX E OF THE GENERAL PERMIT OR ARE LOCATED WITHIN ONE OF THE WATERSHEDS LISTED IN APPENDIX C OF THE GENERAL PERMIT), SHALL BE TEMPORARILY SEED WITHIN 24 HOURS OF DISTURBANCE. IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) "EROSION AND SEDIMENT CONTROL GUIDELINES" AND THE AS300 BEST MANAGEMENT PRACTICES FOR TREE AND SHRUB PLANTING, TRANSPORTING, MAINTENANCE AND CARE," PREPARED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE (ISQA) LATEST EDITIONS, AS FOLLOWS:
    - SEED MIXTURE AND RATE OF APPLICATION:
      - IN SPRING, SUMMER OR EARLY FALL, SEED THE AREA WITH PERGRASS (CANARY OR PERENNIAL) AT 20 POUNDS PER ACRE (APPROXIMATELY 0.7 POUNDS/SQUARE FOOT) OR USE 1 POUND/100 SQUARE FEET.
      - LATE FALL OR EARLY WINTER, SEED THE AREA WITH CERTIFIED "ARBORETOUR" WINTER RYE (CEREAL RYE) AT 100 POUNDS PER ACRE (2.5 POUNDS/100 SQUARE FEET).
    - APPLICATION SHALL BE UNIFORM BY MECHANICAL OR HYDROSEED METHODS.
    - MUCH ALL SEEDED AREAS WITH STRAW AT A RATE OF 2 TONS PER ACRE (20 POUNDS PER 100 SQUARE FEET) SUCH THAT THE MULCH FORMS A CONTINUOUS BLANKET.
  - ALL SEEDED AREAS SHALL BE FERTILIZED, RESEEDED, AND MAINTAINED AS NECESSARY TO MAINTAIN UNIFORM, DENSE VEGETATIVE COVER.
  - TEMPORARY SEED MIXTURES SHALL NOT BE PLACED ON AREAS WHERE FINAL GRADE HAS BEEN ESTABLISHED AND TOPSOIL HAS BEEN PLACED UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
  - CONSTRUCTION FENCE SHALL BE INSTALLED AROUND THE ENTIRE PERIMETER OF THE PROPOSED SEPTIC FIELD AND EXPANSION AREA PRIOR TO THE START OF ANY SITE GRADING INCLUDING AND CONSTRUCTION OF RETAINING WALLS. INCLUDING AT ALL TIMES DURING CONSTRUCTION, CONSTRUCTION ACTIVITY WITHIN THIS AREA SHALL BE LIMITED TO THE WORK REQUIRED FOR THE INSTALLATION OF THE SEPTIC FIELD AND ALL WORK SHALL BE DONE WITHOUT THE USE OF HEAVY EQUIPMENT.
  - PRIOR TO THE START OF CONSTRUCTION, THE OWNER/APPLICANT SHALL ENSURE THAT THE METEOROLOGICAL STATION SHOWN HEREON ARE RESET IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE FLAG THROUGHOUT THE COURSE OF CONSTRUCTION.

- SEQUENCE OF CONSTRUCTION**
- CONSTRUCTION SHALL BE SEQUENCED IN SUCH A MANNER THAT ANY AREA WHICH IS DISTURBED SHALL FIRST BE PROTECTED WITH SEDIMENT EROSION CONTROLS AS INDICATED ON THIS PLAN. PARTICULAR REQUIREMENTS ARE GIVEN AS FOLLOWS:
- PHASE 1:**
- INSTALL STABILIZED CONSTRUCTION ACCESS AS SHOWN ON THE EROSION & SEDIMENT CONTROL PLAN.
  - DEMOLITION OF EXISTING BUILDINGS AS REQUIRED.
  - PROVIDE LIMITED TREE CLEARING TO ALLOW FOR INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL DEVICES AS WELL AS CONSTRUCTION OF THE SEDIMENT TRAPS AND SEDIMENT BASIN.
  - INSTALL PERIMETER EROSION AND SEDIMENT CONTROL DEVICES.
  - OTHER AREAS OF SEDIMENT BASINS AND SEDIMENT TRAP THEN STRIP AND STOOPPLE OR EXPORT TOPSOIL.
  - INSTALL/CONSTRUCT TEMPORARY SEDIMENT TRAPS AND SEDIMENT BASIN, INCLUDING INLET PIPES.
  - CLEAR AND STRIP REMAINDER OF SITE THEN REMOVE AND STOOPPLE OR EXPORT TOPSOIL.
  - FINISH SITE GRADING, REDISTRIBUTE TOPSOIL, AND INSTALL PLANTINGS (TREES, SHRUBS, GRASS COVER, MEADOW LAWN) PER LANDSCAPE PLAN.
  - FINAL PLANTINGS AND STORM DRAIN SYSTEMS OF ALL DISTURBED AREAS AS MAY BE REQUIRED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
  - COMPLETE PHASE 1 GRADING AND REDISTRIBUTE TOPSOIL IN AREAS SHOWN HEREON.
  - ESTABLISH TEMPORARY AND PERMANENT SEED VEGETATION AS DIRECTED BY PROJECT LANDSCAPE ARCHITECT.
- PHASE 2:**
- INSTALL EROSION & SEDIMENT CONTROL MEASURES AT PERIMETER OF PHASE 2 GRADING AND CONSTRUCTION AREA.
  - CONTINUE ROUND GRADING TO SUB-GRADE (MAINTAIN GRADES IN, AND FLOWS TO, SEDIMENT TRAPS AND SEDIMENT BASIN UNTIL SITE STABILIZATION).
  - BEGIN BUILDING CONSTRUCTION.
  - INSTALL STORM DRAIN SYSTEM COMPLETE (TEMPORARILY DIVERT FLOWS INTENDED FOR SWMA 1A-1 AND 1A-2 TO SWMA 1A-3 UNTIL SITE AND SWMA 1A-1 AND 1A-2 ARE FULLY STABILIZED). IMMEDIATELY INSTALL INLET PROTECTION.
  - INSTALL WASTEWATER TREATMENT PLANT AND PRIVATE WATERMAIN EXTENSION COMPLETE.
  - INSTALL PUBLIC AND PRIVATE UTILITIES (GAS, ELECTRIC, AND TELEPHONE) AS REQUIRED.
  - INSTALL CONCRETE AND ASPHALT PAVEMENT COMPLETE.
  - FINISH SITE GRADING, REDISTRIBUTE TOPSOIL, AND INSTALL PLANTINGS (TREES, SHRUBS, GRASS COVER, MEADOW LAWN) PER LANDSCAPE PLAN.
  - FINAL PLANTINGS AND STORM DRAIN SYSTEMS OF ALL DISTURBED AREAS IN CONJUNCTION WITH THE REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES.
  - UPON COMPLETION OF SITE STABILIZATION BY JMC AND/OR TOWN ENGINEER, REMOVE STORMWATER FLOW DIVERSION.
  - COMPLETE SITE AND BUILDING CONSTRUCTION.

<p>Revision</p> <table border="1"> <tr> <th>No.</th> <th>Date</th> <th>Description</th> </tr> <tr> <td>1.</td> <td>06/19/2023</td> <td>REVISED PER TOWN ENGINEER COMMENTS</td> </tr> <tr> <td>2.</td> <td>09/05/2024</td> <td>REVISED PER TOWN ENGINEER COMMENTS</td> </tr> <tr> <td>3.</td> <td>10/24/2023</td> <td>REVISED PER TOWN ENGINEER COMMENTS</td> </tr> </table>		No.	Date	Description	1.	06/19/2023	REVISED PER TOWN ENGINEER COMMENTS	2.	09/05/2024	REVISED PER TOWN ENGINEER COMMENTS	3.	10/24/2023	REVISED PER TOWN ENGINEER COMMENTS
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1.	06/19/2023	REVISED PER TOWN ENGINEER COMMENTS											
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<p>APP'D: JMC</p> <p>JMC Planning, Engineering, Landscape Architecture &amp; Land Surveying, PLLC John Meyer Consulting, Inc. JMC Site Development Consultants, LLC John Meyer Consulting, Inc.</p> <p>120 BEDFORD ROAD • ARMONK, NY 10504 PHONE: 914-333-3232 • FAX: 914-293-2102 www.jmcpnc.com</p>													
<p>EROSION AND SEDIMENT CONTROL PLAN FARRELL INDUSTRIAL PARK TOWN OF NEWBURGH, NY</p>													
<p>ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209. SUBDIVISION 2.</p>													
<p>Drawn: TC Approved: DL/S Scale: 1" = 50' Date: 04/19/2023 Project No: 22127/2109 2023-06 SE SE-2 C-400</p>													





**JMC**  
JMC Planning, Engineering, Landscape Architecture & Land Surveying, LLC  
John Meyer Consulting, Inc.  
120 BELMONT ROAD - BROOKLYN, NY 11219  
voice 914.273.5253 - fax 914.273.2102  
www.jmcc.com

**CONSTRUCTION DETAILS**  
FARRELL INDUSTRIAL PARK  
TOWN OF NEWBURGH, NY

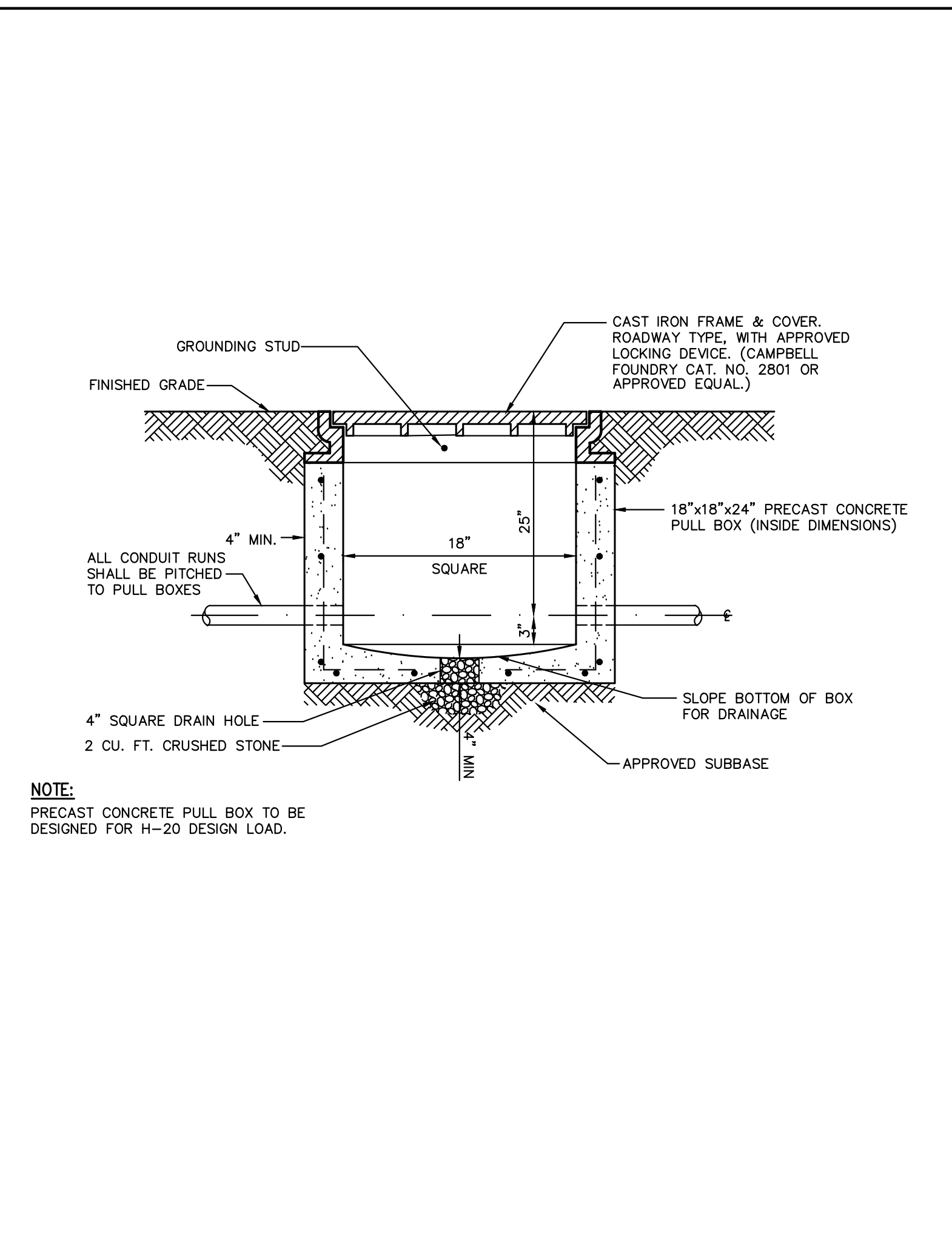
**C-901**

Drawn: TO  
Scale: NOT TO SCALE  
Date: 04/19/2023  
Project No: 22127/2109  
Sheet No: C-901

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

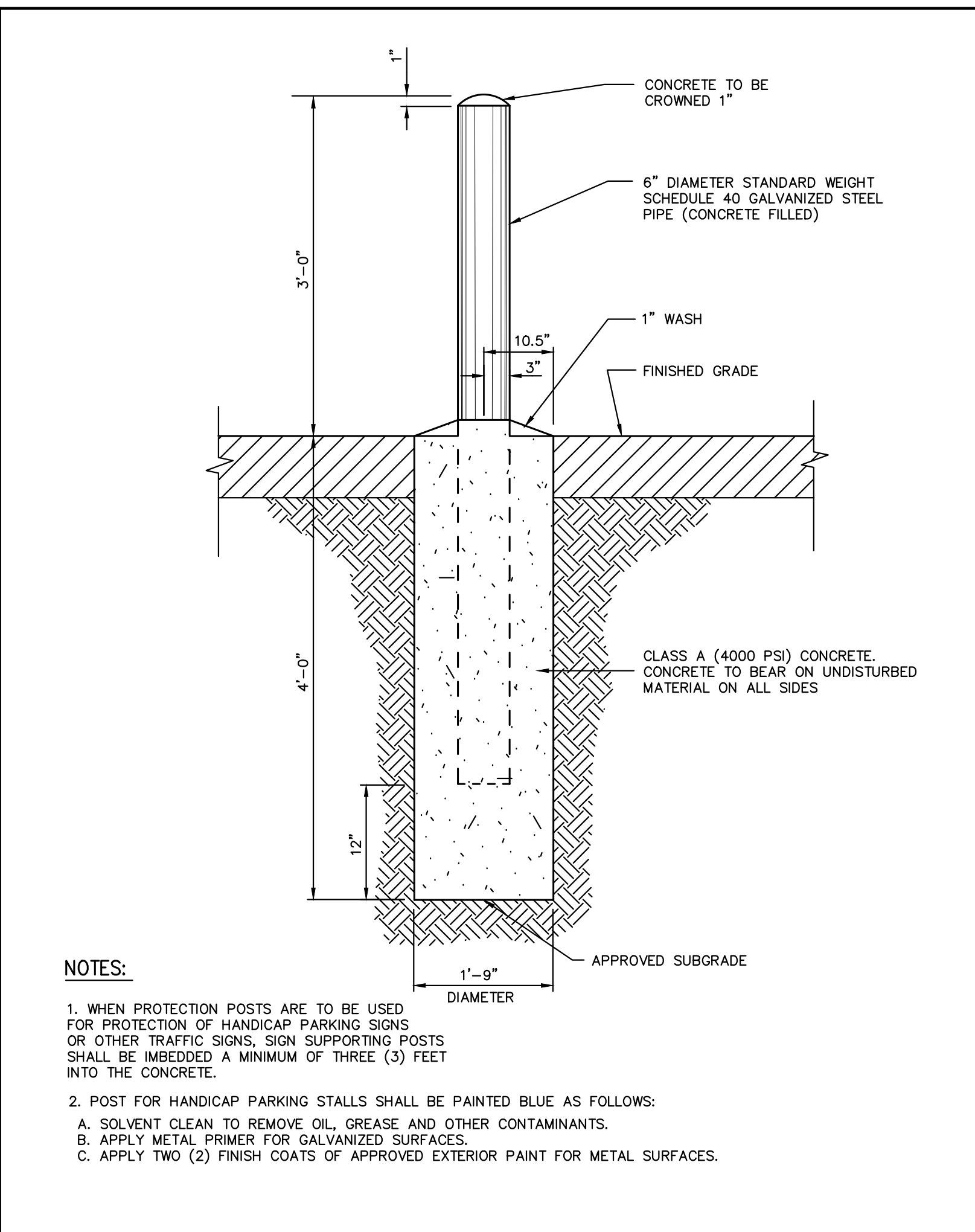






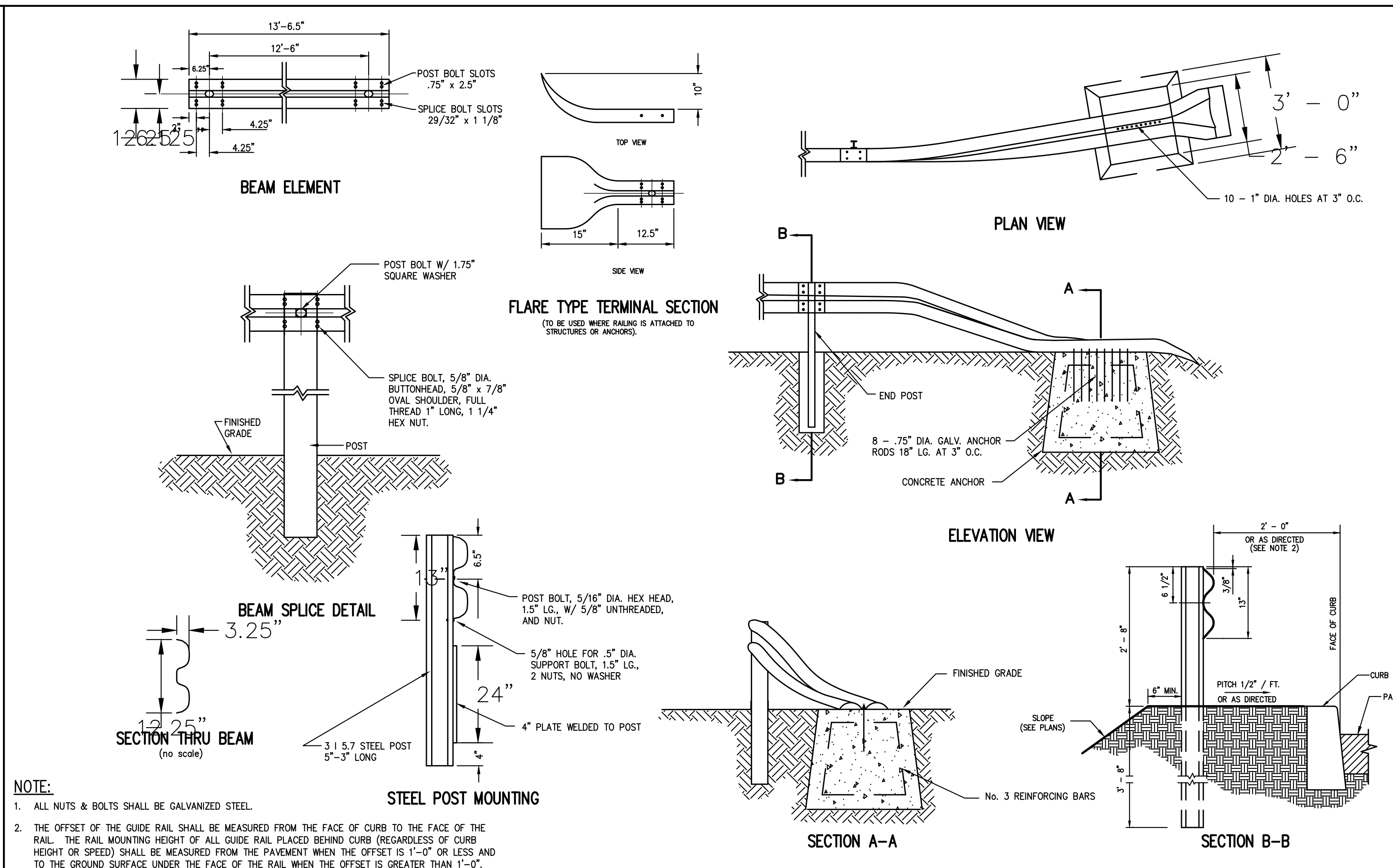
**ELECTRICAL PULL BOX**

54



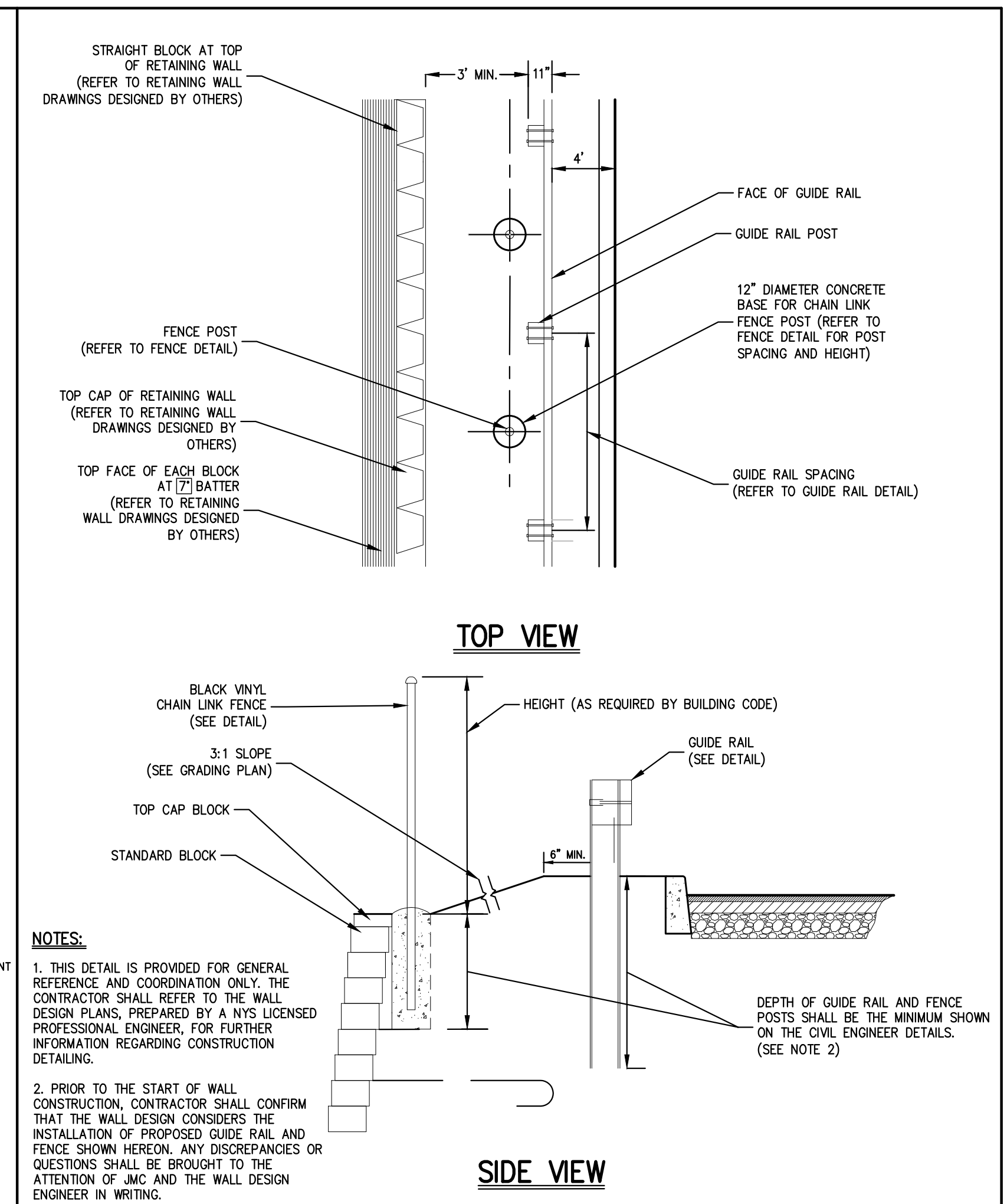
**STEEL PIPE PROTECTION POST**

55



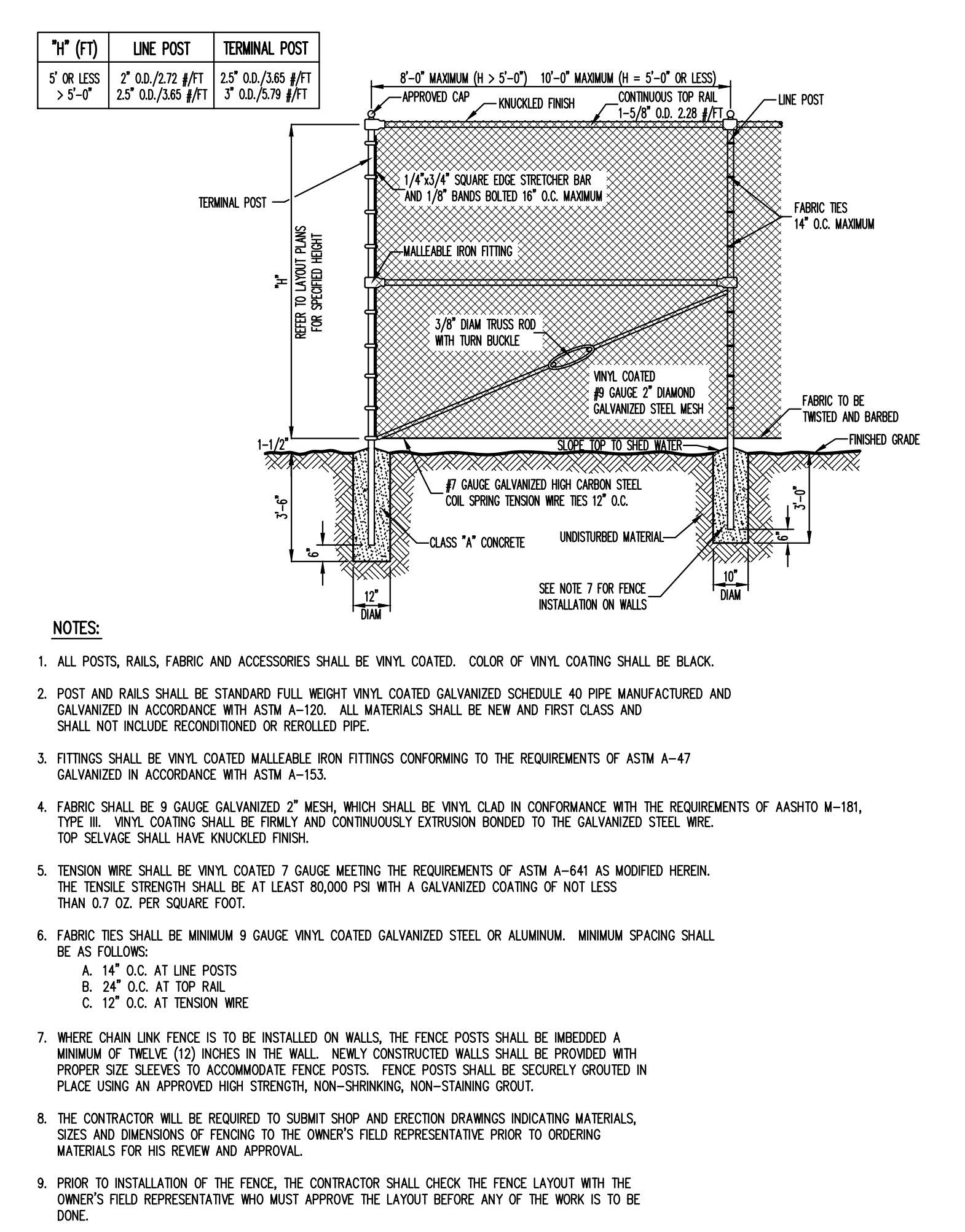
**CORRUGATED STEEL GUIDE RAIL (HIGHWAY)**

56



**SEGMENTAL RETAINING WALL, GUIDE RAIL, & FENCE DETAIL (TO BE DESIGNED BY OTHERS)**

57



**CHAIN LINK FENCE (VINYL COATED)**

58

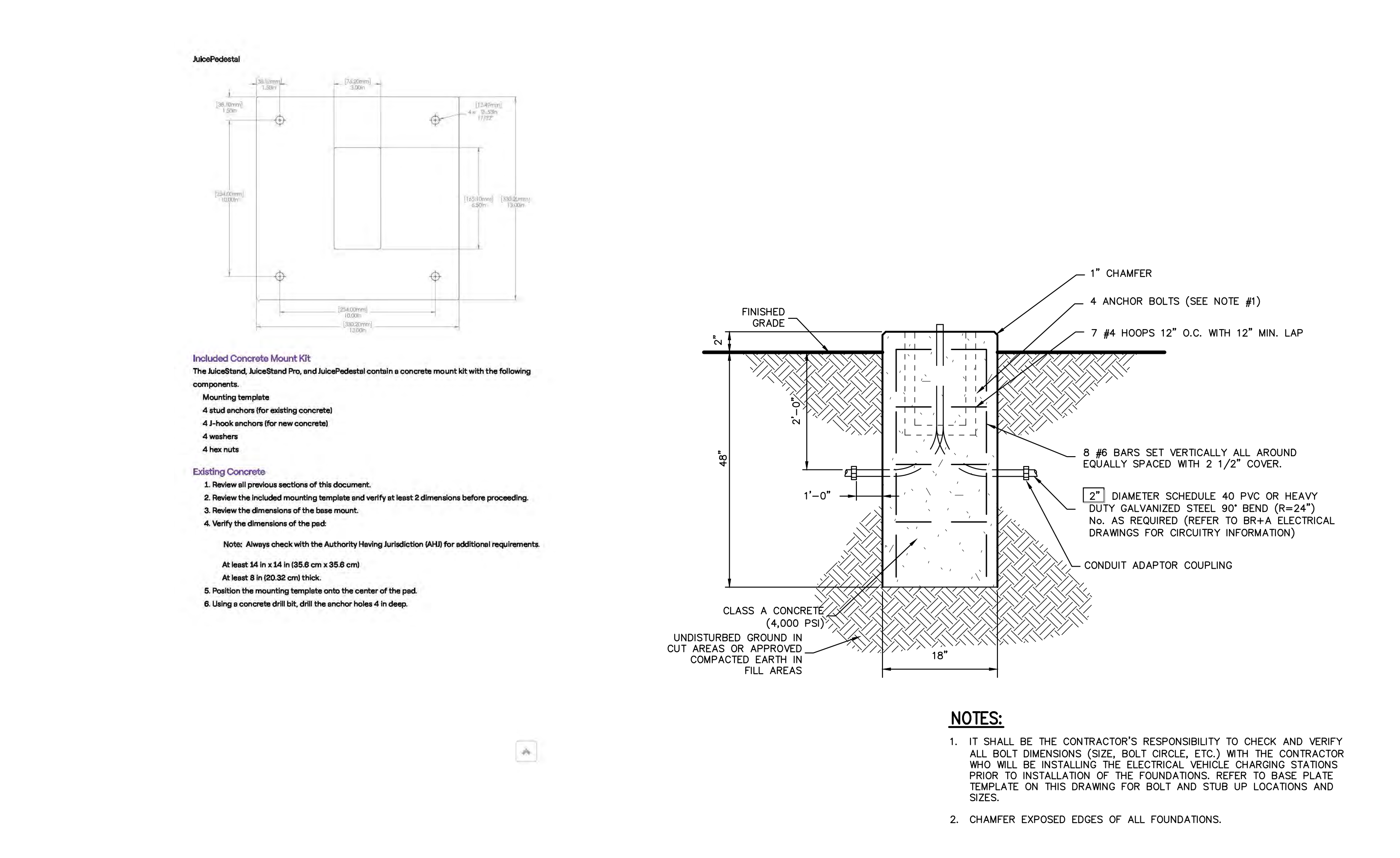
**enelway**

**Juice Pedestal Specifications**

- Robot, Connector**
  - Ships with two enelway Pro chargers assembled to unit to reduce installation time
  - Easy, quick installation, ground-mounted with 4 bolts, concrete pad recommended
  - Quick re-charge, extra-duty weight rating, cables system
  - Powder-coated stainless steel construction
- Weight & Dimensions**
  - Height: 74 in (59 in)
  - Width: 24 in (18 in) on by 8.00 in (2.92 in) deep
  - Weight: 175 lbs (79 kg) without charging units
  - UL, ULX, and ENEC (ETL) approved
  - 5-year limited warranty, optional additional years
- Safety and certifications**
  - UL, ULX, and ENEC (ETL) approved
  - 5-year limited warranty, optional additional years
- Made in North America**
  - From domestic & imported parts

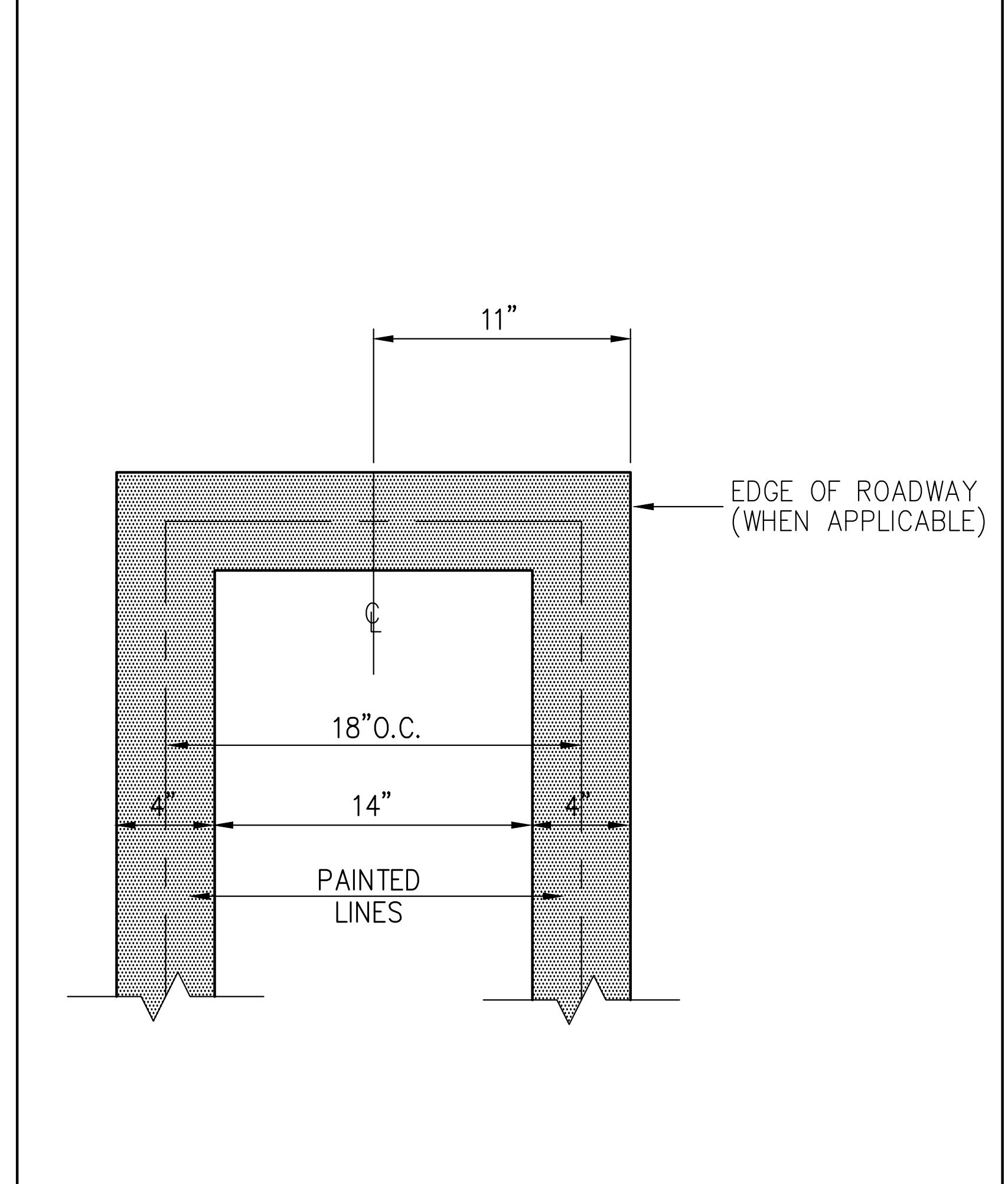
**JuiceBox Pro Charging Stations**

- Electrical Characteristics**
  - Characteristics for power configurations: 20A, 27kW, 48A, 56kW, 60A, 112kW, and 150A, 33.2 kW
  - Single-phase input: 120V/240V/480V/600V/1000V
  - Input Cables: Internal connection box for two conductors to power supply
  - Output Cable & Connector**
    - 2017 SAE J1772, 2018 SAE J1772, 2019 SAE J1772, 2020 SAE J1772, 2021 SAE J1772, 2022 SAE J1772
    - Friction measurement of power, energy storage & current
    - Web-based data for payment based and charging hours, monitor charging status and consumption data for individual or groups of vehicles, control station access, manage EV load
    - Comes up to install and set for charging (SOS kit included)
    - Refer to the Localized Business and LocalNet Enterprise databases for more on the capabilities of each standard
- Connectivity & Authentication**
  - WiFi, 4G LTE, 5G, 2G, 3G, 4G, 5G, 6G
  - Auto-configure: Connect up to 10 chargers with WiFi with an LTE Router (optional)
  - Integrated Cellular (LTE) options for cellular LTE charging stations, AutoRouter or LPT
  - RFID authentication enabled and QR code payment option
- Features**
  - 100% weather-resistant
  - Dynamic LED light to show charging status, network connectivity, charging in progress, delaying charging, identify charge completion, not charging power
  - IP65 Weatherproof, 304-316, polycarbonate enclosure
  - IP55 weatherproof enclosure
  - Quick-release wall mounting bracket included
  - Ballast mount hook and integrated cable management
  - Minimum and Maximum Operating Temperature: 32°F to 140°F (0°C to 60°C)
  - Minimum and Maximum Operating Temperature (LPT) -4°F to 140°F (-20°C to 50°C)
  - \*Temperature is weather-dependent. Call us to confirm the operating temperature to power level and optionally\*\*
- Codes & Standards**
  - IEEE 1547, IEEE 1547.2, IEEE 1547.3, IEEE 1547.4, IEEE 1547.5, IEEE 1547.6, IEEE 1547.7, IEEE 1547.8, IEEE 1547.9, IEEE 1547.10, IEEE 1547.11, IEEE 1547.12, IEEE 1547.13, IEEE 1547.14, IEEE 1547.15, IEEE 1547.16, IEEE 1547.17, IEEE 1547.18, IEEE 1547.19, IEEE 1547.20, IEEE 1547.21, IEEE 1547.22, IEEE 1547.23, IEEE 1547.24, IEEE 1547.25, IEEE 1547.26, IEEE 1547.27, IEEE 1547.28, IEEE 1547.29, IEEE 1547.30, IEEE 1547.31, IEEE 1547.32, IEEE 1547.33, IEEE 1547.34, IEEE 1547.35, IEEE 1547.36, IEEE 1547.37, IEEE 1547.38, IEEE 1547.39, IEEE 1547.40, IEEE 1547.41, IEEE 1547.42, IEEE 1547.43, IEEE 1547.44, IEEE 1547.45, IEEE 1547.46, IEEE 1547.47, IEEE 1547.48, IEEE 1547.49, IEEE 1547.50, IEEE 1547.51, IEEE 1547.52, IEEE 1547.53, IEEE 1547.54, IEEE 1547.55, IEEE 1547.56, IEEE 1547.57, IEEE 1547.58, IEEE 1547.59, IEEE 1547.60, IEEE 1547.61, IEEE 1547.62, IEEE 1547.63, IEEE 1547.64, IEEE 1547.65, IEEE 1547.66, IEEE 1547.67, IEEE 1547.68, IEEE 1547.69, IEEE 1547.70, IEEE 1547.71, IEEE 1547.72, IEEE 1547.73, IEEE 1547.74, IEEE 1547.75, IEEE 1547.76, IEEE 1547.77, IEEE 1547.78, IEEE 1547.79, IEEE 1547.80, IEEE 1547.81, IEEE 1547.82, IEEE 1547.83, IEEE 1547.84, IEEE 1547.85, IEEE 1547.86, IEEE 1547.87, IEEE 1547.88, IEEE 1547.89, IEEE 1547.90, IEEE 1547.91, IEEE 1547.92, IEEE 1547.93, IEEE 1547.94, IEEE 1547.95, IEEE 1547.96, IEEE 1547.97, IEEE 1547.98, IEEE 1547.99, IEEE 1547.100
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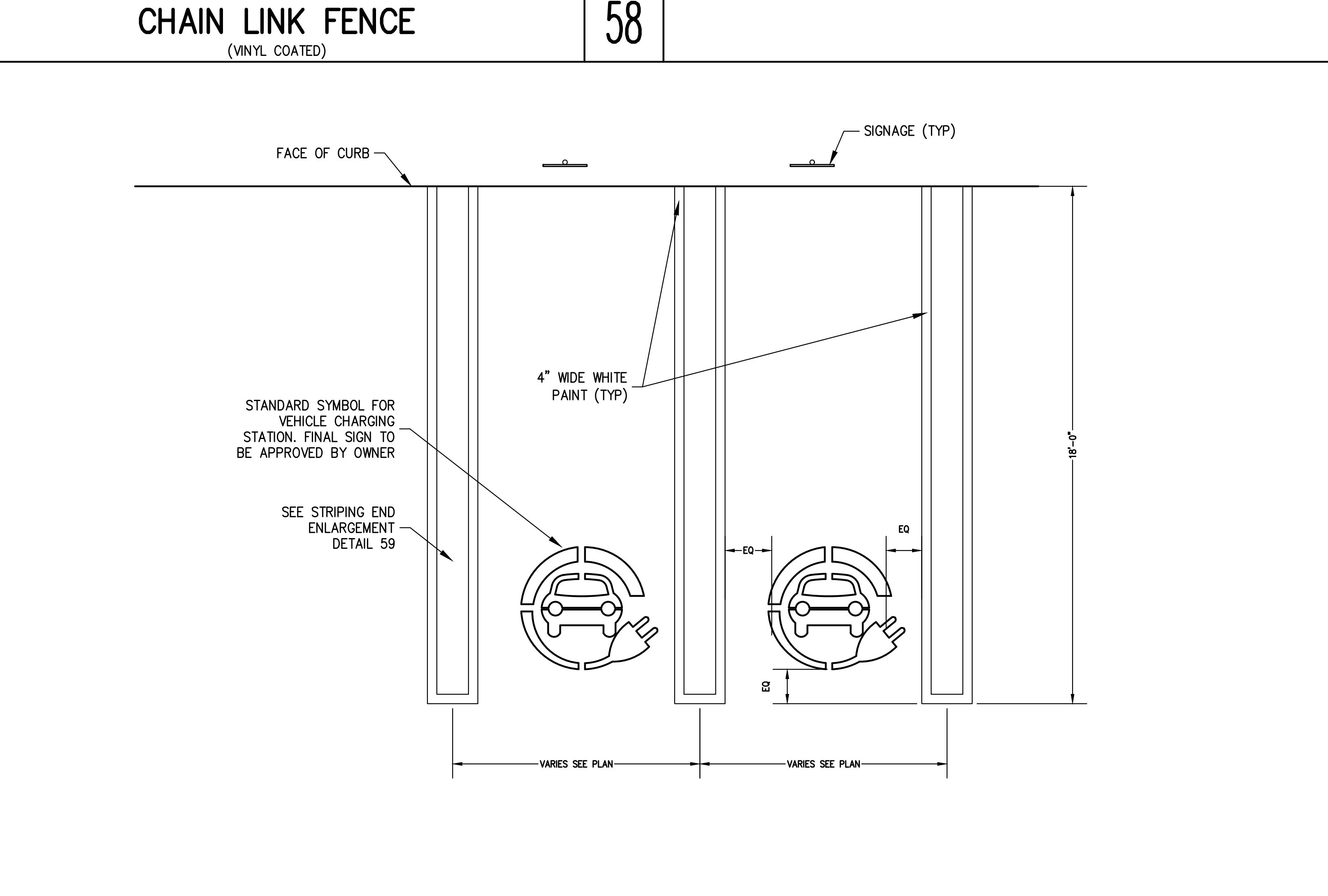
**EV CHARGER AND FOUNDATION**

59



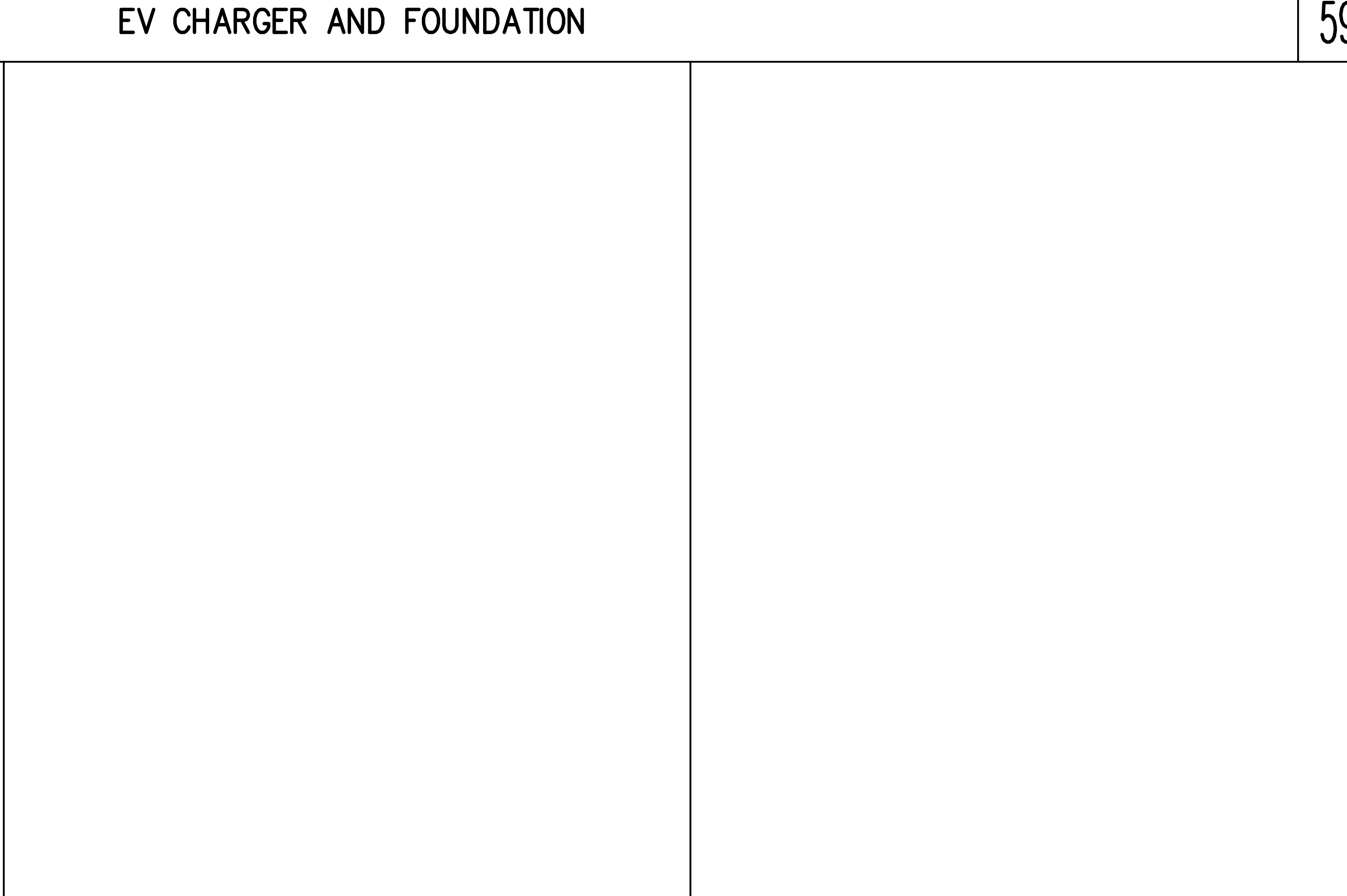
**STRIPING END ENLARGEMENT**

60

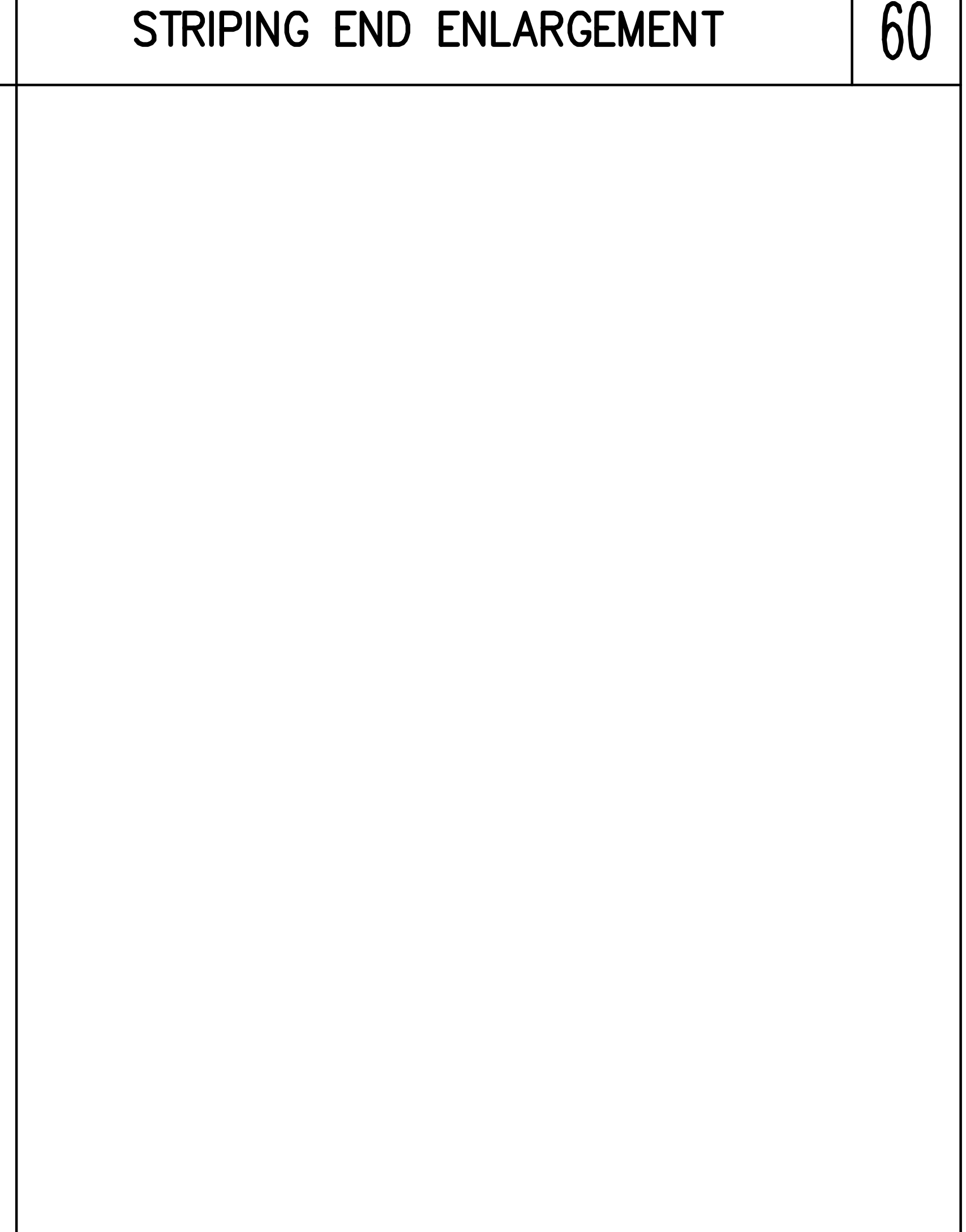


**ELECTRIC VEHICLE PARKING STRIPING**

61



X



X

X

**JMC**

**CONSTRUCTION DETAILS**

**FARRELL INDUSTRIAL PARK**

TOWN OF NEWBURGH, NY

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Drawn: TO Approved: DL/S

Scale: NOT TO SCALE

Date: 04/19/2023

Project No: 22127/21109

2022-2023: C-904

Client: JMC

**C-904**

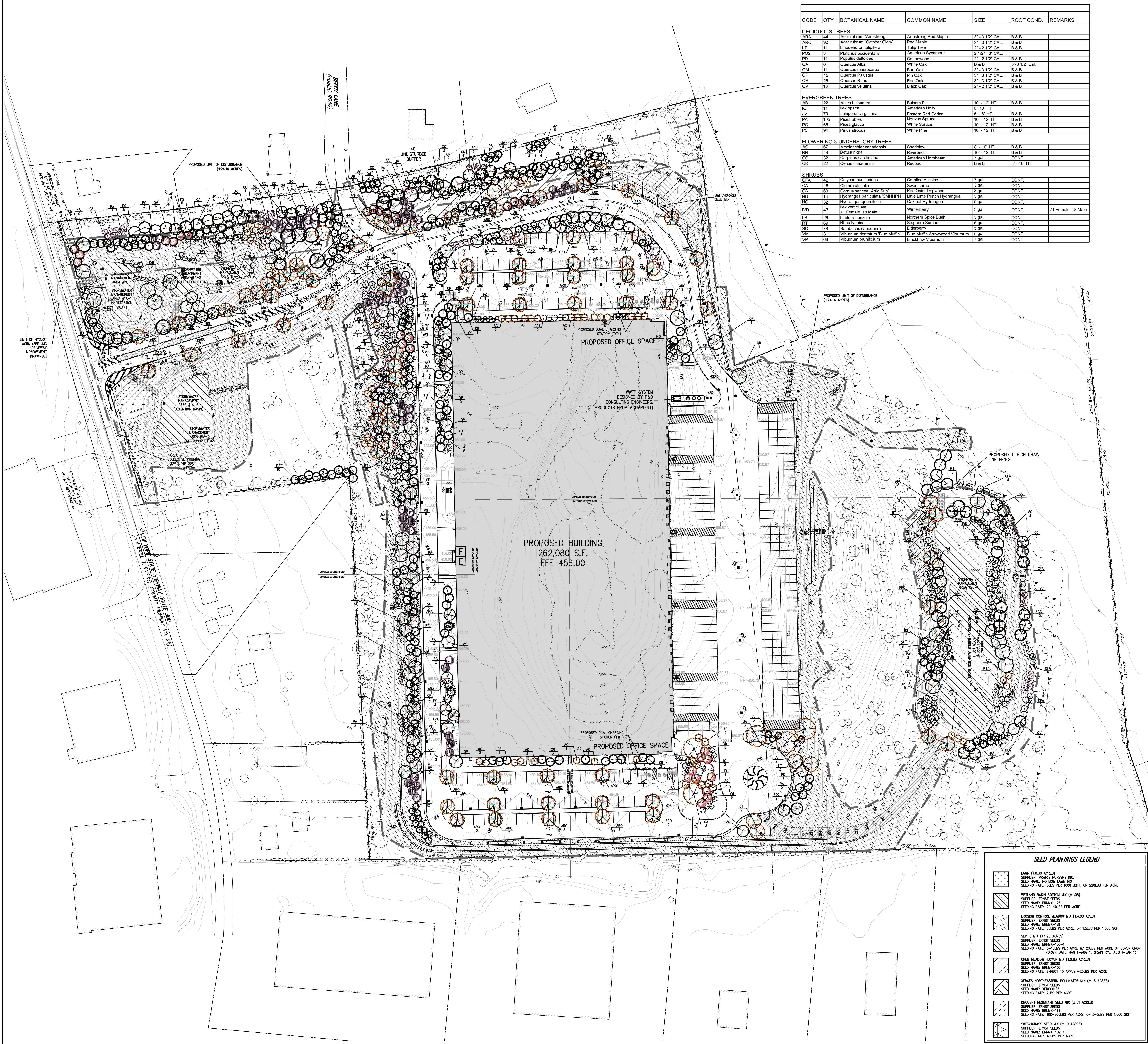
APPLICANT: **YM & YH DEVELOPERS LLC**  
1506 SOUTH STREET  
BROOKLYN, NY 11219

REVISIONS:

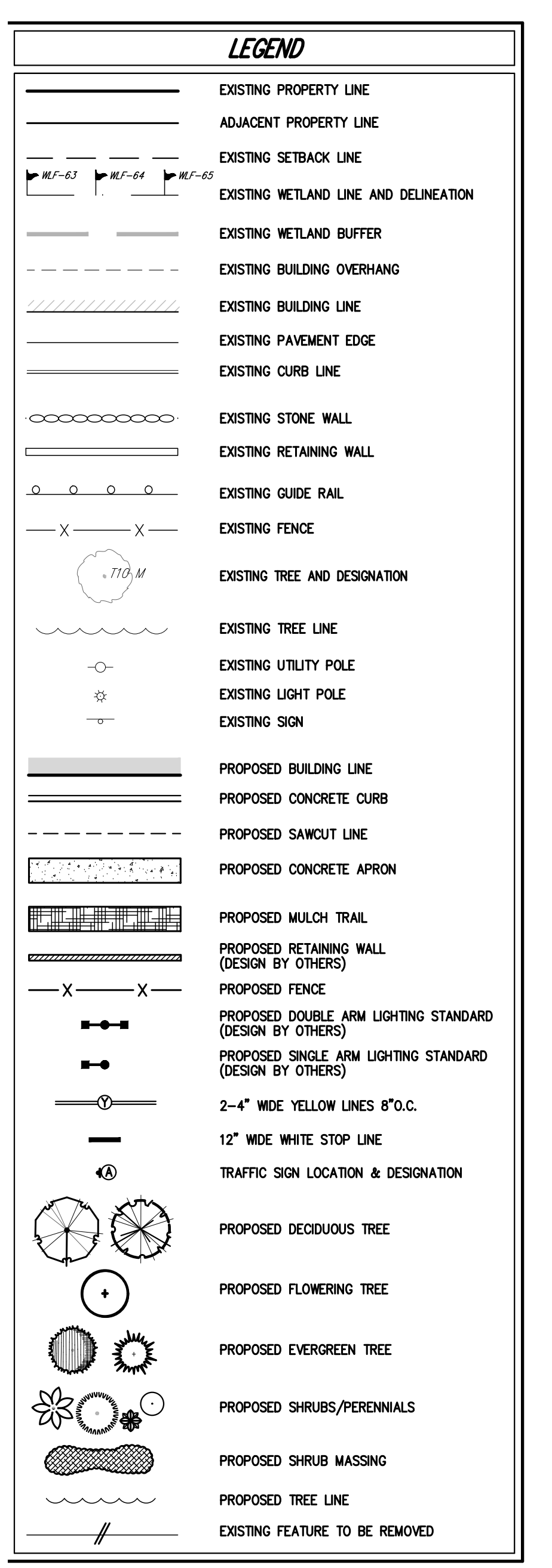
No.	Date	By	Reason
1.	08/19/2023	BEA	REVISED PER RETAINING WALL COMMENTS
2.	09/05/2024	PK	REVISED/AMENDED FOR AMENDED SITE PLAN APPROVAL
3.	10/24/2023	PK	REVISED PER TOWN ENGINEER COMMENTS

NOT FOR CONSTRUCTION





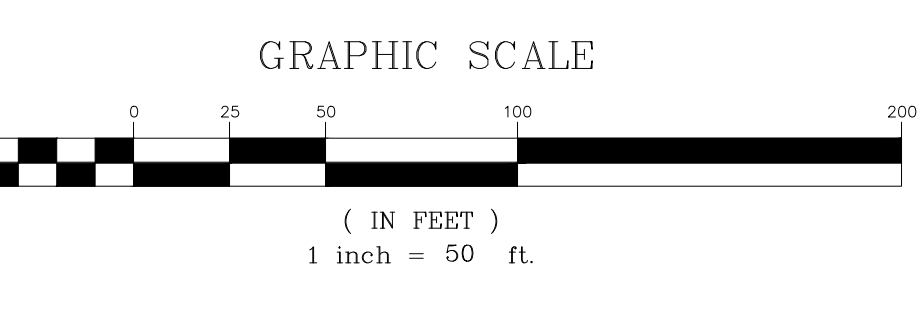
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT COND.	REMARKS
<b>DECIDUOUS TREES</b>						
ARA	44	Acer rubrum 'Armstrong'	Armstrong Red Maple	3" - 3 1/2" CAL.	B & B	
ARO	32	Acer rubrum 'October Glory'	Red Maple	3" - 3 1/2" CAL.	B & B	
LT	11	Liriodendron tulipifera	Tulip Tree	2" - 2 1/2" CAL.	B & B	
PO2	3	Platanus occidentalis	American Sycamore	2 1/2" - 3" CAL.	B & B	
PD	11	Populus deltoides	Cottonwood	2" - 2 1/2" CAL.	B & B	
CA	6	Quercus alba	White Oak	3" - 3 1/2" CAL.	B & B	
QM	11	Quercus macrocarpa	Burr Oak	3" - 3 1/2" CAL.	B & B	
QP	45	Quercus palustris	Pin Oak	3" - 3 1/2" CAL.	B & B	
QR	28	Quercus rubra	Red Oak	3" - 3 1/2" CAL.	B & B	
QV	18	Quercus velutina	Black Oak	2" - 2 1/2" CAL.	B & B	
<b>EVERGREEN TREES</b>						
AB	24	Abies balsamea	Balsam Fir	10' - 12' HT.	B & B	
IO	11	Ilex opaca	American Holly	8' - 10' HT.	B & B	
JV	70	Juniperus virginiana	Eastern Red Cedar	8' - 8' HT.	B & B	
PA	105	Picea abies	Norway Spruce	10' - 12' HT.	B & B	
PG	68	Picea glauca	White Spruce	10' - 12' HT.	B & B	
PS	34	Pinus strobus	White Pine	10' - 12' HT.	B & B	
<b>FLOWERING &amp; UNDERSTORY TREES</b>						
AC	67	Ametanther canadensis	Shadbush	8' - 10' HT.	B & B	
BN	44	Betula nigra	Bewitching	10' - 12' HT.	B & B	
CC	33	Corporinus caroliniana	American Hornbeam	7' gal.	CONT.	
CR	22	Cercis canadensis	Redbud	B & B	8' - 10' HT.	
<b>SHRUBS</b>						
CFA	42	Calycanthus floridus	Carolina Allspice	7 gal.	CONT.	
CA	48	Cedrus atlantica	Sweetgum	3 gal.	CONT.	
CS	150	Cornus sericea 'Aric Sun'	Red Choke Dogwood	3 gal.	CONT.	
HD	18	Hydrangea paniculata 'SMNHPT'	Little Lime Panicle Hydrangea	5 gal.	CONT.	
HO	32	Hydrangea quercifolia	Oakleaf Hydrangea	5 gal.	CONT.	
HY	43	Yucca verticillata	Whitewater	3 gal.	CONT.	71 Female, 18 Male
LB	28	Lindera benzoin	Northern Spice Bush	5 gal.	CONT.	
RT	69	Rhus typhina	Staghorn Sumac	5 gal.	CONT.	
SC	78	Sambucus canadensis	Elderberry	5 gal.	CONT.	
VM	31	Viburnum dentatum 'Blue Muffin'	Blue Muffin Arrowwood Viburnum	5 gal.	CONT.	
VP	65	Viburnum pumilum	Blackhaw Viburnum	7 gal.	CONT.	



- NOTES**
1. ALL PLANT MATERIAL SPECIFIED ON THE DRAWINGS SHALL BE FIRST QUALITY NURSERY GROWN STOCK, CERTIFIED TREE TO THEIR GENUS, SPECIES AND VARIETY, ALL OF WHICH SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK" PUBLISHED BY AMERICANHORT (ANSI Z60.1), LATEST EDITION.
  2. ALL AREAS OF THE SITE NOT OCCUPIED BY BUILDINGS, PAVEMENT, OR OTHER IMPROVED SURFACE, AND NOT SPECIFIED AS BEING PLANTED WITH TREES, SHRUBS OR GROUND COVER, SHALL BE LAWN.
  3. ALL MULCH TO BE PLACED IN PLANTING BEDS SHALL BE CLEAN, NON-DYED, TOXIC FREE, ORGANIC MATERIAL, CONSISTING OF GROUNDWOOD, ROOT MULCH, SHREDDED CEDAR, OR BARK CHIPS, AS APPROVED BY THE OWNER'S FIELD REPRESENTATIVE OR PROJECT LANDSCAPE ARCHITECT. THE PLACEMENT THICKNESS OF THE MULCH SHALL BE 3" AND/OR AS DIRECTED IN THE PLANTING DETAILS.
  4. PLANT MATERIAL SUBSTITUTIONS SHALL NOT BE PERMITTED WITHOUT THE PROJECT LANDSCAPE ARCHITECT'S WRITTEN APPROVAL.
  5. ALL LANDSCAPE PLANTINGS SHALL BE MAINTAINED IN A HEALTHY GROWING CONDITION THROUGHOUT THE DURATION OF THE PROJECT. ANY PLANTING NOT SO MAINTAINED SHALL BE REPLACED WITH NEW PLANTING(S) AT THE BEGINNING OF THE NEXT IMMEDIATELY FOLLOWING PLANTING SEASON.
  6. ALL PLANT MATERIAL SHALL BE SUBJECT TO THE APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT AND GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.
  7. ALL PLANT MATERIAL STOCK SHALL BE WELL-BRANCHED AND WELL-FORMED, SOUND, WOODS, HEALTHY, FREE FROM DISEASE, SCALE, INSECTS, WINDSUCK, ABRASSION, AND HARMFUL INSECTS OR INSECT EGGS, AND SHALL HAVE HEALTHY NORMAL UNIFORM ROOT SYSTEMS. DECIDUOUS TREES AND SHRUBS SHALL BE SYMMETRICALLY DEVELOPED, OF UNIFORM HABIT OF GROWTH, WITH STRAIGHT TRUNKS AND LIMBS AND FREE FROM UNDESIRABLE BRANCHES OR DISFIGUREMENTS. EVERGREEN TREES AND SHRUBS SHALL HAVE WELL-DEVELOPED SYMMETRIC LIMBS WITH TYPICAL SPREAD OF BRANCHES FOR EACH PARTICULAR SPECIES OR VARIETY. ONLY WIVES AND GROUND COVER PLANTS WELL ESTABLISHED IN REMOVAL CONTAINERS, INTERNAL CONTAINERS, OR FORMED HOMOGENEOUS SOIL SECTIONS SHALL BE USED.
  8. 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.
  9. ALL PLANT MATERIAL SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN STOCK, AS SPECIFIED IN THE PLANT LIST. BAREROOT STOCK OF ANY KIND IS UNACCEPTABLE UNLESS SPECIFIED.
  10. ALL LAWN/MEADOW AREAS (SOO OR SEED) SHALL RECEIVE A MINIMUM 4" THICK LAYER OF SCREENED TOPSOIL PRIOR TO INSTALLATION OF SOO OR SEED, UNLESS OTHERWISE SPECIFIED. TOPSOIL SHALL CONFORM TO THE PROJECT SPECIFICATIONS.
  11. SOIL WITHIN ALL PLANTING BEDS SHALL BE PREPARED AS DIRECTED IN THE PLANTING DETAILS AND PROJECT SPECIFICATIONS PRIOR TO INSTALLATION OF PLANT MATERIALS.
  12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PLANT MATERIAL IN GOOD HEALTH UNTIL THE PROJECT LANDSCAPE ARCHITECT HAS PROVIDED WRITTEN ACCEPTANCE THAT THE PLANTINGS ARE COMPLETE AND IN CONFORMANCE WITH THE PLANS. THE CONTRACTOR SHALL GUARANTEE THE SURVIVAL OF THE PLANT MATERIAL FOR A PERIOD OF TWO YEARS AFTER ACCEPTANCE BY THE PROJECT LANDSCAPE ARCHITECT. UNLESS OTHERWISE AGREED TO WITH THE OWNER, ALL PLANT MATERIAL SHALL BE INSPECTED BY THE PROJECT LANDSCAPE ARCHITECT AFTER THE INITIAL PLANTING, AS WELL AS AT THE BEGINNING OF THE TWO GROWING SEASONS FOLLOWING THE INITIAL PLANTING. ANY PLANT MATERIAL REQUIRED TO BE REPLACED SHALL BE REPLACED AT THE SAME SIZE AND SPECIES AS SPECIFIED ON THE PLANT LIST PROVIDED HERE ON.
  13. ALL AREAS DISTURBED OR DAMAGED DURING THE COURSE OF THE CONTRACTOR'S WORK SHALL BE REPAIRED OR RESTORED TO ORIGINAL OR RESTRICTED CONDITION AT NO ADDITIONAL COST TO OWNER.
  14. FINAL LOCATION OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL BY PROJECT LANDSCAPE ARCHITECT. PROJECT LANDSCAPE ARCHITECT MAY ADJUST SPACING AND LOCATION IN FIELD PRIOR TO OR AFTER PLANTING.
  15. CONTRACTOR SHALL IMMEDIATELY REPORT ANY UNSATISFACTORY SITE CONDITIONS TO THE OWNER IN WRITING. CONTRACTOR SHALL RECEIVE NO ADDITIONAL PAYMENT FOR ADDITIONAL WORK ASSOCIATED WITH THE UNSATISFACTORY CONDITIONS IF NOT PROPERLY REPORTED AND WITHOUT PRIOR WRITTEN APPROVAL OF THE OWNER.
  16. ALL TREE AND SHRUB PLANTINGS INSTALLED ADJACENT TO PARKING AREAS SHALL BE SETBACK A MINIMUM OF 24" FROM EDGE OF THE PLANT TO EDGE OF PARKING AREA.
  17. ALL PLANTINGS ADJACENT TO LAWN AREAS SHALL HAVE A 4" DEEP VERTICAL CUT EDGE ALONG THE OUTSIDE OF THE PLANTING BED.
  18. THE CONTRACTOR IS INFORMED THAT ALL SOILS (SUBSOILS AND TOPSOIL) TO BE USED ON SITE SHALL BE SUBJECT TO TESTING BY AN INDEPENDENT LAB PRIOR TO BEING DISTRIBUTED ACROSS THE SITE FOR COMPLIANCE WITH THE SPECIFICATIONS PROVIDED HEREON AND/OR TECHNICAL SPECIFICATIONS. SPECIAL ATTENTION SHALL BE GIVEN TO THE TOPSOIL, AS IT IS CRITICAL TO THE SURVIVAL OF THE PLANTINGS. MATERIAL TEST RESULTS SHALL BE PROVIDED TO THE PROJECT LANDSCAPE ARCHITECT AND TOWN LANDSCAPE ARCHITECT FOR THEIR REVIEW/APPROVAL. CONTRACTOR SHALL AMEND THE SUBGRADE AND TOPSOIL TO MEET THE SPECIFICATIONS REQUIRED AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL COOPERATE WITH THE TOWN AND PROJECT LANDSCAPE ARCHITECTS FOR INSPECTION OF THE SUBGRADE AND TOPSOIL PRIOR TO THE START OF PLANTING.
  19. THE CONTRACTOR IS INFORMED THAT THE PLANT MATERIAL IS SUBJECT TO THE INSPECTION OF THE PROJECT LANDSCAPE ARCHITECT PRIOR TO INSTALLATION FOR CONFORMANCE THAT SUCH MATERIAL MEETS THE SIZE AND SPECIES SPECIFICATIONS NOTED HEREON. THIS INSPECTION MAY TAKE PLACE ON SITE OR AT THE NURSERY SUBJECT TO APPROVAL BY THE OWNER. THE CONTRACTOR SHALL PROVIDE REPLACEMENTS FOR ANY MATERIAL REJECTED BY THE PROJECT LANDSCAPE ARCHITECT AT NO COST TO THE OWNER.
  20. THE CONTRACTOR IS INFORMED THAT, IF REQUIRED BY THE BUILDING CODE OFFICIAL, ALL LANDSCAPE PLANTINGS SHALL BE SUBJECT TO INSPECTION AND ACCEPTANCE OF THE TOWN LANDSCAPE ARCHITECT PRIOR TO CERTIFICATE OF OCCUPANCY.
  21. THE CONTRACTOR IS INFORMED THAT A LANDSCAPE BOND IS REQUIRED IN ACCORDANCE WITH THE RESOLUTION OF SITE PLAN APPROVAL. AN AMOUNT DETERMINED BY THE TOWN LANDSCAPE ARCHITECT. UPON COMPLETION OF INSTALLATION, PLANTINGS SHALL BE INSPECTED AND ACCEPTED BY THE TOWN LANDSCAPE ARCHITECT ONE YEAR AFTER THE ACCEPTANCE. A PARTIAL RELEASE OF THE LANDSCAPE BOND MAY BE REQUESTED AND TWO YEARS AFTER THE ACCEPTANCE, A FULL RELEASE OF THE LANDSCAPE BOND MAY BE REQUESTED. APPROVAL OF EITHER REQUEST WILL BE RECOMMENDED BY THE TOWN LANDSCAPE ARCHITECT IF MORE THAN 50% OF THE PLANT MATERIAL, INCLUDING GROUND COVER, ARE IN GOOD HEALTH AT THE TIME OF INSPECTION. SHOULD IT BE DETERMINED THAT MORE THAN 10% OF THE PLANT MATERIAL IS IN POOR HEALTH, SAID PLANT MATERIAL SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER AND THE NEWLY INSTALLED PLANT MATERIAL SHALL LIVE FOR ONE YEAR AFTER INSTALLATION BEFORE THE LANDSCAPE BOND CAN BE RECOMMENDED FOR RELEASE.
  22. THE CONTRACTOR IS INFORMED THAT THE SELECTIVE PRUNING AND/OR TREE REMOVAL IN THE AREA SHOWN HEREON IS INTENDED TO PROVIDE VISIBILITY OF THE PROPOSED MONUMENT SIGN AND SHALL BE DONE UNDER THE DIRECTION OF THE PROJECT LANDSCAPE ARCHITECT, TOWN LANDSCAPE ARCHITECT, AND/OR BUILDING CODE OFFICIAL.

**SEED PLANTINGS LEGEND**

	LAWN (60.30 ACRES) SUPPLIER: PHARRIE NURSERY INC. SEED NAME: NO ROW LAWN MIX SEEDING RATE: 5LBS PER 1000 SQFT, OR 200LBS PER ACRE
	WETLAND BASIN BOTTOM MIX (41.00 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-125 SEEDING RATE: 25-40LBS PER ACRE
	EROSION CONTROL MEADOW MIX (4.60 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-18 SEEDING RATE: 60LBS PER ACRE, OR 1.5LBS PER 1,000 SQFT
	SFHC MIX (41.20 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-105-1 SEEDING RATE: 5-10LBS PER ACRE W/ 20LBS PER ACRE OF COVER CROP (GRASS DATE: JAN 1-AUG 1; GRAIN RYE: AUG 1-JAN 1)
	OPEN MEADOW FLOWER MIX (40.83 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-105 SEEDING RATE: DIRECT TO APPLY - 20LBS PER ACRE
	WETLAND/NORTHERN POLLINATOR MIX (4.16 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-114 SEEDING RATE: 7LBS PER ACRE
	DROUGHT RESISTANT SEED MIX (4.81 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-114 SEEDING RATE: 100-200LBS PER ACRE, OR 3-5LBS PER 1,000 SQFT
	SWITCHGRASS SEED MIX (8.10 ACRES) SUPPLIER: ERNST SEEDS SEED NAME: ERW-105-1 SEEDING RATE: 40LBS PER ACRE



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FARRELL INDUSTRIAL PARK  
TOWN OF NEWBURGH, NY

ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209. SUBSECTION 2.

Drawn: TC Approved: DL/S  
Scale: 1" = 50'  
Date: 04/19/2023  
Project No: 22127/2109  
22127-000 LND LND-02

**L-100**

NOT FOR CONSTRUCTION