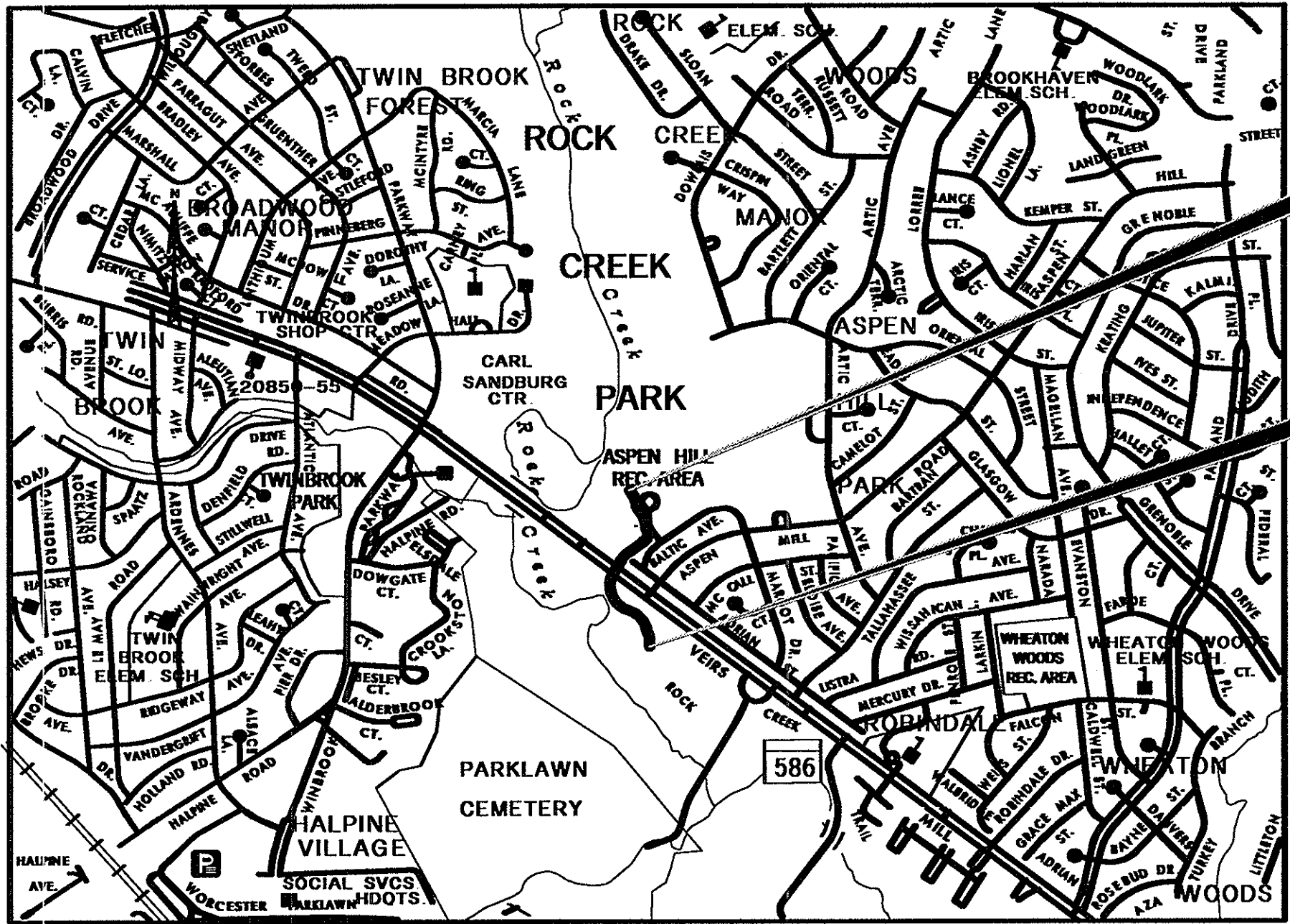


ROCK CREEK TRAIL BRIDGE AND TRAIL APPROACHES

NOTES:

- CONTRACTOR SHALL HAND DIG OR AIR SPADE ROOTS 2" IN DIAMETER OR GREATER OF ALL TREES 24" DBH AND GREATER ENCOUNTERED DURING AND IMPACTED BY CONSTRUCTION. ROOT PRUNE ALL AFFECTED ROOTS AS DIRECTED BY THE MNCPPC PARKS ARBORIST OR MNCPPC PLANNING DEPARTMENT INSPECTOR. EXISTING ASPHALT OR CONCRETE SIDEWALKS OR PAVEMENT WITHIN FIVE FEET OF A TREE TRUNK DESIGNATED FOR REMOVAL SHALL BE REMOVED MANUALLY OR VIA JACKHAMMER TO MINIMIZE DAMAGE TO TREE TRUNK AND ROOTS.
- SILT FENCE WITHIN CRZ'S SHALL BE PLACED IN COORDINATION WITH ROOT PRUNING LOCATIONS WHERE POSSIBLE TO REDUCE ROOT DISTURBANCE AND TO CONTROL RUNOFF.
- PLACE TREE PLANKING ON TREES 24" DBH AND GREATER INSIDE THE LOD AND DESIGNATED AS "SAVE" AND THOSE OUTSIDE OF, BUT LOCATED WITHIN 10' OF THE LOD. SEE DETAILS ON FCP-5.
- CONTRACTOR SHALL MINIMIZE GRADE CHANGES NEAR TREES AND WITHIN CRZ'S. DISTURBED AREAS NOT PAVED SHALL BE SEEDED.
- ENTIRE LENGTH OF LOD NOT WITHIN PAVED AREAS SHALL BE ROOT PRUNED (APPROX. 2,140 LF). EXISTING TREES OUTSIDE OF AND WITHIN 25' OF THE LOD, WITH OVER 18" DBH ARE TO REMAIN AND SHALL BE ROOT PRUNED AT THE LOD OR AS DIRECTED BY THE MNCPPC ARBORIST OR THE MNCPPC PLANNING DEPARTMENT INSPECTOR. EXISTING INDIVIDUAL TREES 24" DBH AND GREATER WITHIN 25' OF THE LOD (OUTSIDE) SHALL ALSO BE ROOT PRUNED AT THE LOD AS DIRECTED BY THE MNCPPC ARBORIST OR THE MNCPPC PLANNING DEPARTMENT INSPECTOR. TREES DESIGNATED FOR CROWN PRUNING AND/OR FERTILIZER SHALL BE SO TREATED AS DIRECTED BY OR APPROVED BY THE MNCPPC ARBORIST OR THE MNCPPC PLANNING DEPARTMENT INSPECTOR AND ENGINEER.
- SEE EROSION AND SEDIMENT CONTROL PLANS TO COORDINATE TREE PROTECTION FENCE LOCATIONS. TREE PROTECTION FENCING LOCATIONS TO BE APPROVED BY THE MNCPPC ARBORIST AND ENGINEER.
- PLANS ARE FOR CONSTRUCTION PURPOSES ONLY. AS-BUILT ROADWAY CONDITIONS MAY VARY. CONTRACTOR SHALL VERIFY CONDITIONS AND INFORM THE ENGINEER OF ANY DISCREPANCIES OF POTENTIAL PROBLEMS PRIOR TO PERFORMING THE WORK. DIMENSIONS SHALL BE VERIFIED IN THE FIELD. DEVIATIONS FROM DIMENSIONS GIVEN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO EXCAVATION. CALL "MISS UTILITY" (1-800-257-7777) AND MONTGOMERY COUNTY (1-240-314-8500), A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION.
- EXISTING CONDITIONS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE REPLACED OR REPAIRED WITH MATERIALS TO MATCH THOSE EXISTING. MATERIALS SHALL BE SUPPLIED BY THE CONTRACTOR AT NO COST TO MNCPPC.
- QUANTITIES SHOWN ARE FOR CONTRACTOR'S CONVENIENCE. PLAN SHALL GOVERN.
- SELECTIVE TREE TRIMMING SHALL BE FIELD DETERMINED OR AS DIRECTED BY THE MNCPPC PARKS ARBORIST OR ENGINEER AND BY THE MNCPPC PLANNING DEPARTMENT INSPECTOR AND THE ENGINEER.
- ONCE CONSTRUCTION IS COMPLETED A POST- CONSTRUCTION MEETING WITH THE MNCPPC PARKS DEPARTMENT AND PLANNING DEPARTMENT INSPECTORS, PARKS ARBORIST, AND ENGINEER SHALL BE SCHEDULED. CONTRACTOR SHALL BE RESPONSIBLE FOR, AS A RESULT OF THE WORK FOR THE PROJECT, REMOVAL OF DEAD LIMBS OR OTHER ASSOCIATED WORK AS DIRECTED BY THE ENGINEER AND MNCPPC INSPECTORS. A FINAL INSPECTION MEETING SHALL BE SCHEDULED TO REVIEW ALL WORK AND CORRECTIVE MEASURES MADE TO DATE. ONCE THE INSPECTORS AND ENGINEER PROVIDE ACCEPTANCE, THEN PROTECTIVE MEASURES SHALL BE REMOVED.
- SEE FCP-4 FOR ADDITIONAL STANDARD NOTES.



VICINITY MAP
NTS

LIMIT OF WORK
ROCK CREEK
TRAIL BRIDGE
STA. 10+00.00

LIMIT OF WORK
ROCK CREEK
TRAIL BRIDGE
STA. 27+48.06

EXISTING TREE SUMMARY AND STATUS

(SIGNIFICANT TREES OF 24" DBH AND GREATER - SEE NOTE A)

EXISTING TREE KEY NO.	SPECIES	TREE CONDITION	ROOT ZONE IMPACT	STATUS	REMARKS
1	24" TULIP POPLAR	GOOD	68%	REMOVE	
2	30" TULIP POPLAR	GOOD	47%	REMOVE	
3	24" TULIP POPLAR	GOOD	10%	SAVE	
4	24" TULIP POPLAR	GOOD	14%	SAVE	
5	25" TULIP POPLAR	GOOD	0%	SAVE	
6	27" TULIP POPLAR	GOOD	0%	SAVE	
7	26" TULIP POPLAR	GOOD	0%	SAVE	
8	30" HICKORY	GOOD	0%	SAVE	
9	36" TULIP POPLAR	GOOD	0%	SAVE	
10	37" TULIP POPLAR	GOOD	44%	REMOVE	
11	26" TULIP POPLAR	GOOD	60%	REMOVE	
12	24" TULIP POPLAR	GOOD	41%	REMOVE	
13	24" TULIP POPLAR	GOOD	44%	SAVE	FIELD VERIFY
14	25" BEECH	GOOD	41%	SAVE	FIELD VERIFY-SEE NOTE B
15	26" TULIP POPLAR	GOOD	0%	SAVE	
16	29" TULIP POPLAR	GOOD	0%	N/A	REMOVED BY OTHERS
17	26" SYCAMORE	GOOD	0%	SAVE	
18	28" SYCAMORE	GOOD	0%	SAVE	
19	28" SYCAMORE	GOOD	0%	SAVE	
20	35.5" BLACK WALNUT	POOR	69%	REMOVE	SEVERE POWER LINE PRUNING
21	55" WHITE OAK	GOOD	39%	SAVE	NO CROWN CONFLICT/NO PRUNING
22	27" BLACK WALNUT	FAIR	4%	SAVE	
23	30" TULIP POPLAR	GOOD	44%	SAVE	FIELD VERIFY-SEE NOTE B
24	24" TULIP POPLAR	GOOD	81%	REMOVE	
25	25" SYCAMORE	GOOD	10%	SAVE	
26	24" TULIP POPLAR	GOOD	17%	REMOVE	
27	26" TULIP POPLAR	GOOD	100%	REMOVE	
28	30" TULIP POPLAR	GOOD	92%	REMOVE	
29	38" TULIP POPLAR	GOOD	78%	REMOVE	

FOREST CONSERVATION WORKSHEET					
Rock Creek Trail Bridge					
NET TRACT AREA:					
A. Total tract area (Area of LOD)					* 2.30
B. Land dedication acres (parks, county facility, etc.)					0.00
C. Land dedication for roads or utilities (not being constructed by this plan)					0.00
D. Area to remain in commercial agricultural production/use					0.00
E. Other deductions (specify)					0.00
F. Net Tract Area					=2.30

LAND USE CATEGORY: (from Trees Technical Manual)					
Input the number "1" under the appropriate land use, limit to only one entry.					
ARA	MDR	IDA	HDR	MPD	CIA
0	0	0	1	0	0

G. Afforestation Threshold	15%	x F =	0.35
H. Conservation Threshold	20%	x F =	0.46

EXISTING FOREST COVER:			
I. Existing forest cover =			1.55
J. Area of forest above afforestation threshold =			1.21
K. Area of forest above conservation threshold =			1.09

BREAK EVEN POINT:			
L. Forest retention above threshold with no mitigation =			0.68
M. Clearing permitted without mitigation =			0.87

PROPOSED FOREST CLEARING:			
N. Total area of forest to be cleared =			1.55
O. Total area of forest to be retained =			0.00

PLANTING REQUIREMENTS:			
P. Reforestation for clearing above conservation threshold =			0.27
Q. Reforestation for clearing below conservation threshold =			0.92
R. Credit for retention above conservation threshold =			0.00
S. Total reforestation required =			1.19
T. Total afforestation required =			0.00
U. Credit for landscaping (may not exceed 20% of "S") =			0.00
V. Total reforestation and afforestation required =			**1.19

* LIMIT OF DISTURBANCE ONLY WITHIN PARKLAND. DOES NOT INCLUDE LOD WITHIN VEIRS MILL ROAD RIGHT-OF-WAY AS THIS IS AERIAL WORK FOR BRIDGE WITHOUT GROUND DISTURBANCE.
** REFORESTATION TO BE PLACED ON OFF-SITE PARKLAND.

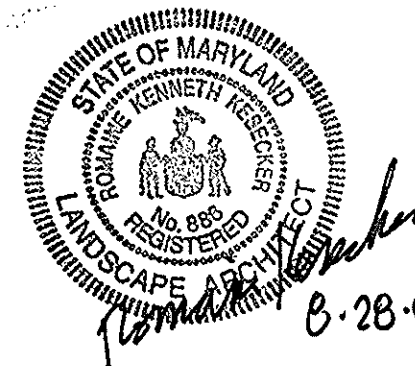
TREE SUMMARY NOTES:	
A. SEE FCP-4 FOR TREES 6" - 23" DBH.	
B. MNCPPC PARKS ARBORIST AND MNCPPC PLANNING DEPARTMENT INSPECTOR TO REVIEW AND FIELD VERIFY THESE DESIGNATED TREES TO DETERMINE FINAL STATUS.	
C. TREE CONDITION DESCRIPTION: GOOD: NO APPARENT PROBLEM WITH STRUCTURE AND/OR DISEASE FAIR: MINOR PROBLEM WITH STRUCTURE AND/OR DISEASE POOR: MAJOR PROBLEM WITH STRUCTURE AND/OR DISEASE	

FOREST SOILS INFORMATION

USDA SOIL CONSERVATION SERVICE			PERCENT SLOPE (RANGE)	ERODIBLE SOIL ? (K VALUE > .35, 15% SLOPE)	STEEP SLOPE ? SLOPE > 25%	ON MD HYDRIC SOILS LIST?	PRIME AGRICULTURAL SOIL?	SCS CAPABILITY CLASS	WOODLAND POTENTIAL PRODUCTIVITY		SCS LIMITATIONS FOR DEVELOPMENT
SYMBOL	SOIL NAME	TEXTURE							SITE INDEX	CLASS	
2C	GLENELG	SILT LOAM	8 TO 15 %	NO	NO	YES	YES	Ile	70, 78 & 80	4, 6 & 8	SLOPE
2UC	GLENELG	URBAN LAND COMPLEX	0 TO 8 %	NO	NO	YES	NO	NONE ASSIGNED	70, 78 & 87	4, 6 & 8	
16D	BRINKLOW-BLOCKTOWN	CHANNERY SILT LOAM	15 TO 25 %	YES	NO	YES	NO	Ive	70, 75, 80 & 90	4 & 6	DEPTH OF BEDROCK, SLOPE
4IB	ELLSINBORO	SILT LOAM	3 TO 8 %	NO	NO	YES	YES	Ile	80 & 90	4, 6 & 8	HIGH WATER TABLE, MODERATE PERMEABILITY
53A	CODORUS	SILT LOAM	0 TO 3 %	NO	NO	YES	YES	IIw	90 & 100	4, 5, 8 & 10	HIGH WATER TABLE, FLOODING
54A	HATBORO	SILT LOAM	0 TO 3 %	NO	NO	YES	NO	IIw	85+	4	HIGH WATER TABLE, FLOODING
65B	WHEATON	SILT LOAM	0 TO 8%	NO	NO	NO	YES	Ile	68, 78 & 87	4 & 6	POTENTIAL FROST, LOW STRENGTH

NRI/FSD NO. 4-03352
APPROVED 7/25/03

FINAL FOREST CONSERVATION
PLAN NO. P-04001



FCP SHEET INDEX

FCP-1 COVER
FCP-2 PLAN
FCP-3 PLAN
FCP-4 DETAILS
FCP-5 DETAILS
RF-1 OFF-SITE REFORESTATION (N.I.C.)

dwg. no. FCP-1

design

R. K. Kesecker 9/07
landscape architect date

architect date
9/07

engineer date
L. L. Kennedy 9/07

drawn by date

review and approval

park development division date

central maintenance date

region date

natural resources date

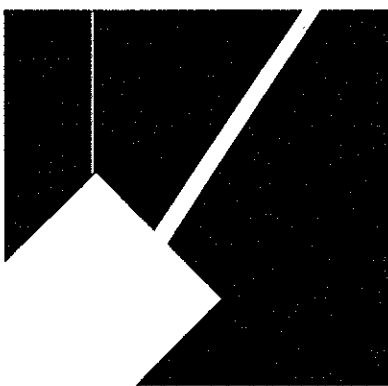
review and approval

director of parks date

park police date

date

date



The Maryland-National Capital
Park and Planning Commission

9500 Brunett Avenue
Silver Spring, Maryland 20901
Montgomery County Department of Parks
(301) 495-2535

revisions:

rev. no.	date	description

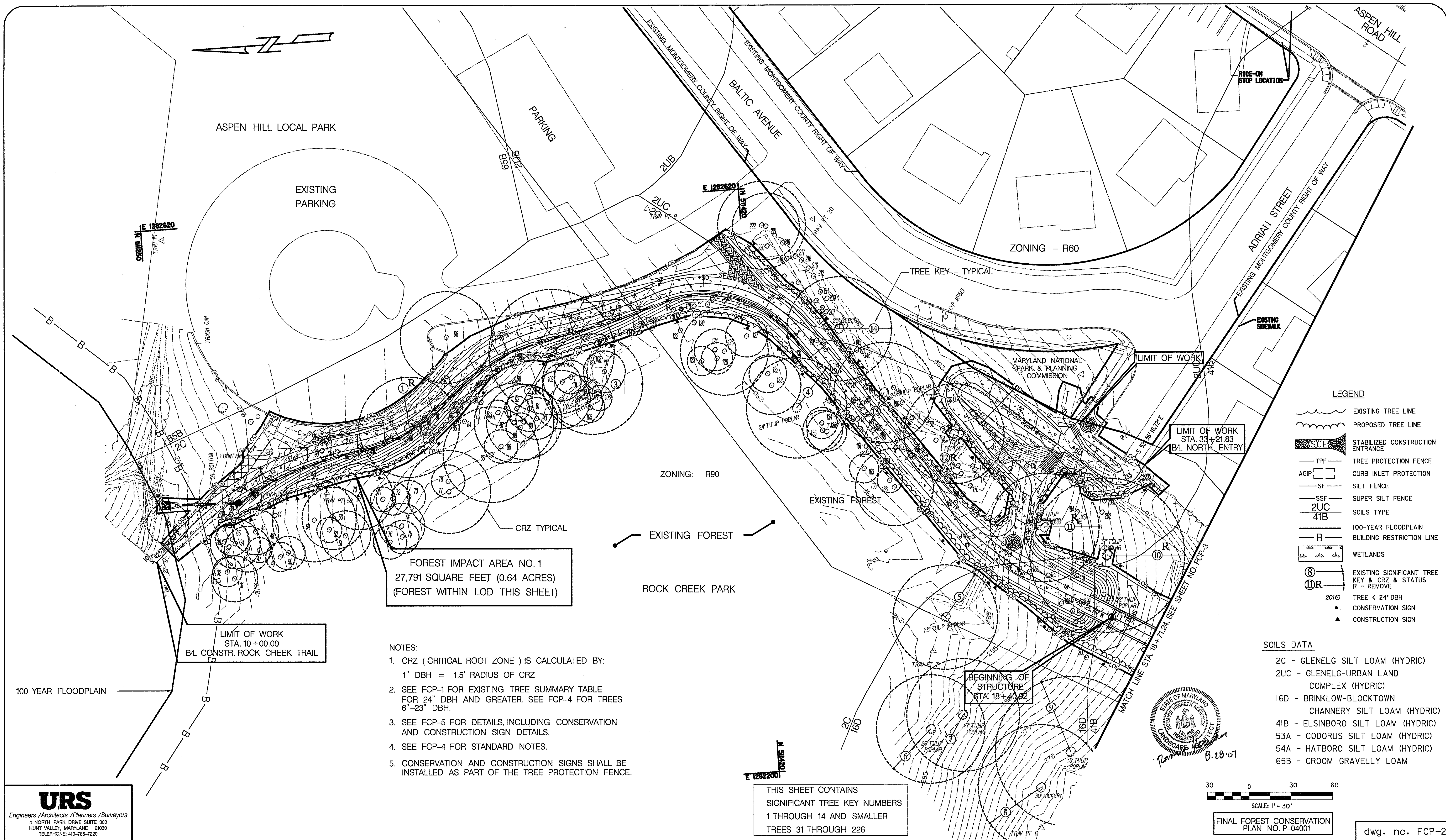
project:

ROCK CREEK TRAIL BRIDGE
AND TRAIL APPROACHES

COMBINED
FOREST CONSERVATION PLAN
AND
TREE SAVE PLAN

scale: AS NOTED

sheet 91 of 95



- LEGEND**
- EXISTING TREE LINE
 - PROPOSED TREE LINE
 - STABILIZED CONSTRUCTION ENTRANCE
 - TREE PROTECTION FENCE
 - CURB INLET PROTECTION
 - SILT FENCE
 - SUPER SILT FENCE
 - SOILS TYPE
 - 100-YEAR FLOODPLAIN
 - BUILDING RESTRICTION LINE
 - WETLANDS
 - EXISTING SIGNIFICANT TREE KEY & CRZ & STATUS
 - R - REMOVE
 - TREE < 24" DBH
 - CONSERVATION SIGN
 - CONSTRUCTION SIGN

- SOILS DATA**
- 2C - GLENELG SILT LOAM (HYDRIC)
 - 2UC - GLENELG-URBAN LAND COMPLEX (HYDRIC)
 - 16D - BRINKLOW-BLOCKTOWN CHANNERY SILT LOAM (HYDRIC)
 - 41B - ELSINBORO SILT LOAM (HYDRIC)
 - 53A - CODORUS SILT LOAM (HYDRIC)
 - 54A - HATBORO SILT LOAM (HYDRIC)
 - 65B - CROOM GRAVELLY LOAM

- NOTES:**
- CRZ (CRITICAL ROOT ZONE) IS CALCULATED BY:
1" DBH = 1.5' RADIUS OF CRZ
 - SEE FCP-1 FOR EXISTING TREE SUMMARY TABLE FOR 24" DBH AND GREATER. SEE FCP-4 FOR TREES 6"-23" DBH.
 - SEE FCP-5 FOR DETAILS, INCLUDING CONSERVATION AND CONSTRUCTION SIGN DETAILS.
 - SEE FCP-4 FOR STANDARD NOTES.
 - CONSERVATION AND CONSTRUCTION SIGNS SHALL BE INSTALLED AS PART OF THE TREE PROTECTION FENCE.

URS
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design		review and approval		review and approval	
R. K. Kesecker	9/07				
landscape architect	date	park development division	date	director of parks	date
		central maintenance	date	park police	date
architect	date	region	date		date
9/07		natural resources	date		date
engineer	date				
L. L. Kennedy	9/07				
drawn by	date				

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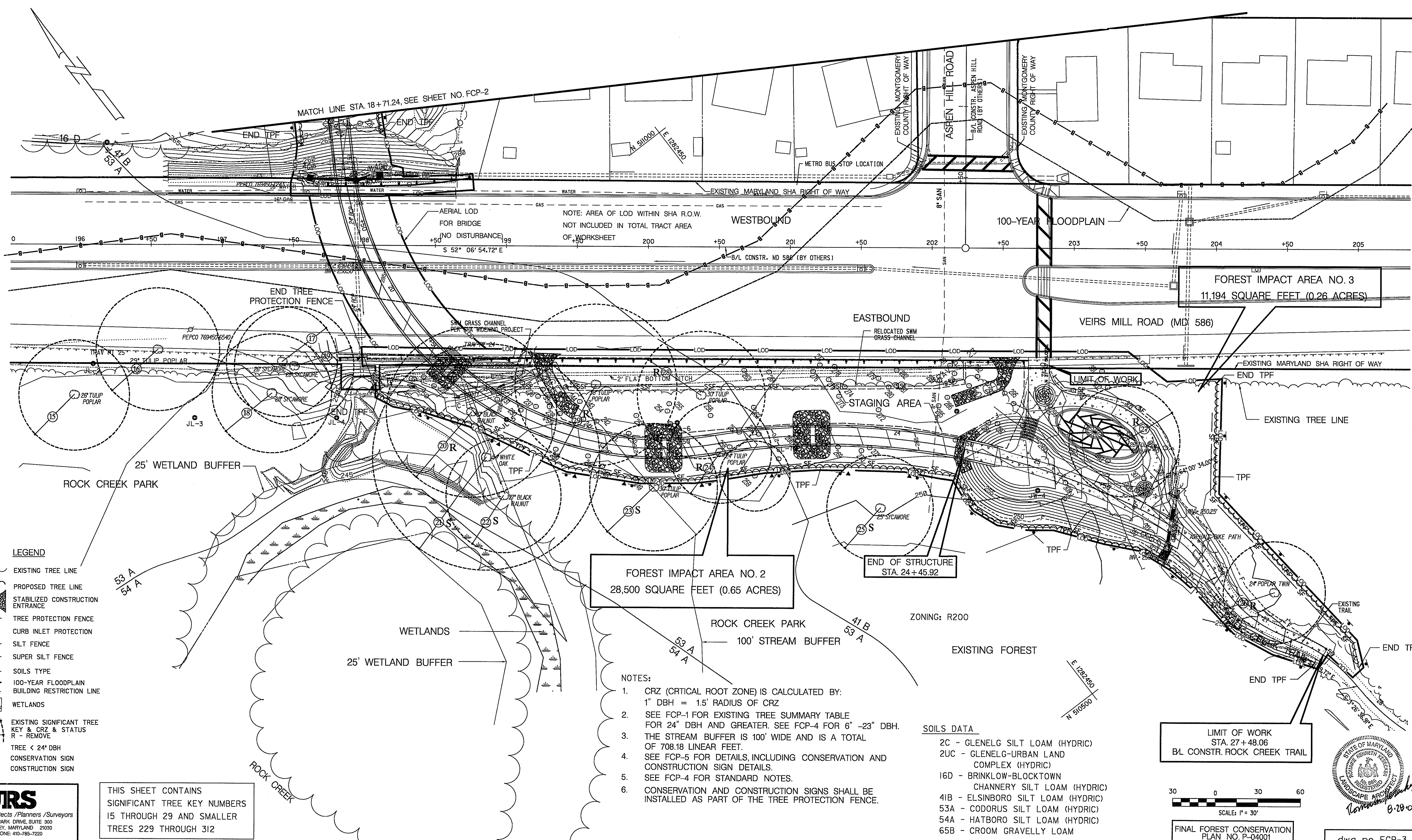
revisions:			
rev. no.	date	description	

project: **ROCK CREEK TRAIL BRIDGE AND TRAIL APPROACHES**

COMBINED FOREST CONSERVATION PLAN AND TREE SAVE PLAN

scale: 1" = 30'

sheet 92 of 95



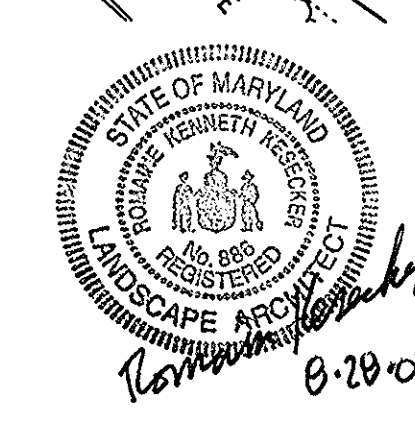
- LEGEND**
- EXISTING TREE LINE
 - PROPOSED TREE LINE
 - STABILIZED CONSTRUCTION ENTRANCE
 - TPF - TREE PROTECTION FENCE
 - AGIP - CURB INLET PROTECTION
 - SF - SILT FENCE
 - SSF - SUPER SILT FENCE
 - SOILS TYPE
 - 100-YEAR FLOODPLAIN
 - BUILDING RESTRICTION LINE
 - WETLANDS
 - EXISTING SIGNIFICANT TREE KEY & CRZ & STATUS
 - R - REMOVE
 - 201 - TREE < 24" DBH
 - CONSERVATION SIGN
 - CONSTRUCTION SIGN

- NOTES:**
- CRZ (CRITICAL ROOT ZONE) IS CALCULATED BY:
1" DBH = 1.5' RADIUS OF CRZ
 - SEE FCP-1 FOR EXISTING TREE SUMMARY TABLE FOR 24" DBH AND GREATER. SEE FCP-4 FOR 6" - 23" DBH.
 - THE STREAM BUFFER IS 100' WIDE AND IS A TOTAL OF 708.18 LINEAR FEET.
 - SEE FCP-5 FOR DETAILS, INCLUDING CONSERVATION AND CONSTRUCTION SIGN DETAILS.
 - SEE FCP-4 FOR STANDARD NOTES.
 - CONSERVATION AND CONSTRUCTION SIGNS SHALL BE INSTALLED AS PART OF THE TREE PROTECTION FENCE.

- SOILS DATA**
- 2C - GLENELG SILT LOAM (HYDRIC)
 - 2UC - GLENELG-URBAN LAND COMPLEX (HYDRIC)
 - 16D - BRINKLOW-BLOCKTOWN CHANNERY SILT LOAM (HYDRIC)
 - 41B - ELSINBORO SILT LOAM (HYDRIC)
 - 53A - CODORUS SILT LOAM (HYDRIC)
 - 54A - HATBORO SILT LOAM (HYDRIC)
 - 65B - CROOM GRAVELLY LOAM

LIMIT OF WORK
STA. 27+48.06
B/L CONSTR. ROCK CREEK TRAIL

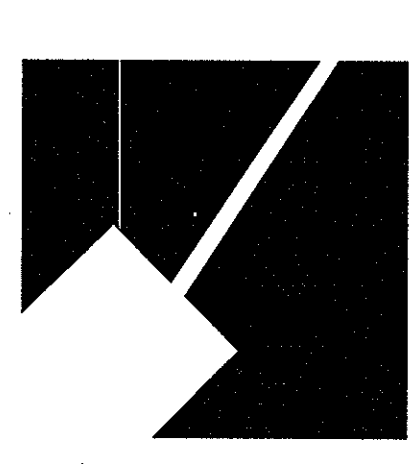
FINAL FOREST CONSERVATION PLAN NO. P-04001



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TELEPHONE: 410-785-7220

THIS SHEET CONTAINS
SIGNIFICANT TREE KEY NUMBERS
15 THROUGH 29 AND SMALLER
TREES 229 THROUGH 312

design	review and approval	review and approval
R. K. Kesecker landscape architect 9/07 date	park development division date	director of parks date
architect 9/07 date	central maintenance date	park police date
engineer 9/07 date	region date	
L. L. Kennedy drawn by 9/07 date	natural resources date	



**The Maryland-National Capital
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revisions:		
rev. no.	date	description

project:
**ROCK CREEK TRAIL BRIDGE
AND TRAIL APPROACHES**

**COMBINED
FOREST CONSERVATION PLAN
AND TREE SAVE PLAN**

scale: 1" = 30'

sheet 93 of 95

EXISTING TREE SUMMARY AND STATUS (TREES OF 6" TO 23" DBH)		
EXISTING TREE KEY NO.	SPECIES	STATUS
30	10" BETULA NIGRA	SAVE
31	11" TULIP POPLAR	SAVE
32	7" TULIP POPLAR	SAVE
33	6.5" TULIP POPLAR	REMOVE
34	12" TULIP POPLAR	SAVE
35	8" ASH	SAVE
36	8" TULIP POPLAR	REMOVE
37	15" TULIP POPLAR	REMOVE
38	10" AN	REMOVE
39	14"TULIP POPLAR	REMOVE
40	14" SYCAMORE	REMOVE
41	6" BETULA NIGRA	REMOVE
42	15" TULIP POPLAR	REMOVE
43	10" TULIP POPLAR	REMOVE
44	9" TULIP POPLAR	REMOVE
45	11" TULIP POPLAR	SAVE
46	11" TULIP POPLAR	SAVE
47	6" TULIP POPLAR	SAVE
48	13" TULIP POPLAR	SAVE
49	7" TULIP POPLAR	SAVE
50	8" TULIP POPLAR	SAVE
51	12" TULIP POPLAR	SAVE
52	6" TULIP POPLAR	SAVE
53	15" TULIP POPLAR	SAVE
54	20" TULIP POPLAR	SAVE
55	19" TULIP POPLAR	REMOVE
56	18" TULIP POPLAR	REMOVE
57	6" MULBERRY	REMOVE
58	13" TULIP POPLAR	REMOVE
59	14" RED MAPLE	REMOVE
60	10" TULIP POPLAR	REMOVE
61	6" RED MAPLE	REMOVE
62	6" BLACK CHERRY	REMOVE
63	7" RED MAPLE	REMOVE
64	17" RED MAPLE	REMOVE
65	13" BLACK CHERRY	REMOVE
66	15" TULIP POPLAR	REMOVE
67	6.5" BLACK CHERRY	REMOVE
68	13" RED MAPLE	REMOVE
69	7.5" TULIP POPLAR	REMOVE
70	16" TULIP POPLAR	SAVE
71	6" RED MAPLE	SAVE
72	8" RED MAPLE	SAVE
73	8" RED MAPLE	SAVE
74	11" VIRGINIA PINE	SAVE
75	8" TULIP POPLAR	SAVE
76	8" RED MAPLE	SAVE
77	20" TULIP POPLAR	SAVE
78	8" RED MAPLE	SAVE
79	11" RED MAPLE	REMOVE
80	14"TULIP POPLAR	REMOVE
81	6" ELM	REMOVE
82	11" RED MAPLE	REMOVE
83	8" RED MAPLE	REMOVE
84	10" TULIP POPLAR	REMOVE
85	11" TULIP POPLAR	REMOVE
86	8" RED MAPLE	SAVE
87	19" TULIP POPLAR	SAVE
88	7" RED MAPLE	SAVE

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TELEPHONE: 410-785-7220

EXISTING TREE KEY NO.	SPECIES	STATUS
89	18" TULIP POPLAR	SAVE
90	10" VIRGINIA PINE	SAVE
91	11" VIRGINIA PINE	SAVE
92	6" RED MAPLE	SAVE
93	6" RED MAPLE	SAVE
94	11" TULIP POPLAR	REMOVE
95	16" TULIP POPLAR	REMOVE
96	22" RED MAPLE	SAVE
97	10" TULIP POPLAR	SAVE
98	8" RED MAPLE	REMOVE
99	11" TULIP POPLAR	SAVE
100	6" BLACK CHERRY	REMOVE
101	8" RED MAPLE	SAVE
102	9" VIRGINIA PINE	SAVE
103	14" ASH	SAVE
104	12" RED MAPLE	SAVE
105	7" ASH	SAVE
106	6" BOX ELDER	SAVE
107	10" RED MAPLE	SAVE
108	7" BOX ELDER	REMOVE
109	24" TULIP POPLAR	REMOVE
110	6" SASSAFRAS	REMOVE
111	18" ASH	REMOVE
112	11" SASSAFRAS	REMOVE
113	7" SASSAFRAS	REMOVE
114	17" SYCAMORE	REMOVE
115	7" ELM	REMOVE
116	12" ELM	REMOVE
117	13" OSAGE ORANGE	REMOVE
118	13" OSAGE ORANGE	REMOVE
119	13" RED MAPLE	REMOVE
120	18" BOX ELDER	REMOVE
121	9" TULIP POPLAR	REMOVE
122	17" SYCAMORE	REMOVE
123	7" ELM	SAVE
124	10" RED OAK	SAVE
125	21" TULIP POPLAR	SAVE
126	7.5" BOX ELDER	SAVE
127	10" BOX ELDER	SAVE
128	7" BOX ELDER	REMOVE
129	6" RED MAPLE	REMOVE
130	6.5" VIRGINIA PINE	REMOVE
131	9.5" HICKORY	REMOVE
132	9" BLACK CHERRY	SAVE
133	14" SYCAMORE	SAVE
134	7.5" HICKORY	SAVE
135	9.5" BLACK WALNUT	SAVE
136	9.5" SYCAMORE	SAVE
137	7" BOX ELDER	REMOVE
138	18" TULIP POPLAR	REMOVE
139	13.5" TULIP POPLAR	REMOVE
140	11" BLACK WALNUT	REMOVE
141	6.5" HICKORY	REMOVE
142	6" RED MAPLE	REMOVE
143	6.5" BEECH	REMOVE
144	7" BEECH	REMOVE
145	19" VIRGINIA PINE	REMOVE
146	7" HICKORY	REMOVE
147	18" TULIP POPLAR	REMOVE
148	7.5" SASSAFRAS	REMOVE
149	18" RED OAK	REMOVE
150	7" ASH	REMOVE
151	23" TULIP POPLAR	REMOVE
152	22" TULIP POPLAR	REMOVE
153	11" TULIP POPLAR	REMOVE
154	10" BLACK CHERRY	REMOVE
155	18.5" SYCAMORE	REMOVE

EXISTING TREE KEY NO.	SPECIES	STATUS
157	14" TULIP POPLAR	REMOVE
158	18" TULIP POPLAR	REMOVE
159	18" TULIP POPLAR	REMOVE
160	10.5" TULIP POPLAR	REMOVE
161	10" TULIP POPLAR	REMOVE
162	11" TULIP POPLAR	REMOVE
163	7" ASH	SAVE
164	6.5" ASH	REMOVE
165	6" JUNIPER	SAVE
166	10" AN	SAVE
167	10.5" SYCAMORE	REMOVE
168	12.5" BOX ELDER	REMOVE
169	11.5" BOX ELDER	REMOVE
170	6.5" BOX ELDER	REMOVE
171	17.5" SYCAMORE	REMOVE
172	9.5" TULIP POPLAR	REMOVE
173	17.5" TULIP POPLAR	REMOVE
174	11" TULIP POPLAR	REMOVE
175	10" TULP POPLAR	REMOVE
176	18" JUNIPER	REMOVE
177	9" BLACK CHERRY	REMOVE
178	10"BLACK WALNUT	REMOVE
179	11.5" ASH	REMOVE
180	11.5" BLACK WALNUT	REMOVE
181	8" RED OAK	REMOVE
182	6.5" HICKORY	REMOVE
183	15" TULIP POPLAR	REMOVE
184	6" HICKORY	REMOVE
185	12" BLACK WALNUT	REMOVE
186	18" BLACK WALNUT	REMOVE
187	17.5" TULIP POPLAR	REMOVE
188	20.5" TULIP POPLAR	REMOVE
189	23" TULIP POPLAR	REMOVE
190	14" TULIP POPLAR	REMOVE
191	12" TULIP POPLAR	REMOVE
192	21.5" TULIP POPLAR	REMOVE
193	23" TULIP POPLAR	REMOVE
194	30" TULIP POPLAR	REMOVE
195	6.5" BLACK CHERRY	REMOVE
196	14.5" ASH	REMOVE
197	14.5" TULIP POPLAR	REMOVE
198	20.5" TULIP POPLAR	REMOVE
199	7.5" SYCAMORE	REMOVE
200	10.5" ASH	REMOVE
201	19.5" TULIP POPLAR	REMOVE
202	26" TULIP POPLAR	REMOVE
203	23" TULIP POPLAR	REMOVE
204	20.5" SYCAMORE	REMOVE
205	18" BLACK WALNUT	REMOVE
206	18" VIRGINIA PINE	REMOVE
207	7" RED MAPLE	REMOVE
208	13" BLACK CHERRY	REMOVE
209	12" RED MAPLE	REMOVE
210	15" BLACK CHERRY	REMOVE
211	7" SASSAFRAS	REMOVE
212	8" BOX ELDER	REMOVE
213	10" CHERRY	REMOVE
214	17" TULIP POPLAR	REMOVE
215	19" RED OAK	REMOVE
216	7" BOX ELDER	REMOVE
217	11" RED MAPLE	REMOVE
218	6" SASSAFRAS	REMOVE
219	16" CEDAR	SAVE
220	21" ASH	SAVE
221	8.5" LOCUST	REMOVE
222	18" BLACK WALNUT	REMOVE
223	7" BOX ELDER	SAVE

EXISTING TREE KEY NO.	SPECIES	STATUS
226	8.5" JUNIPER	REMOVE
227	17" BOX ELDER	REMOVE
228	19.5" B. WALNUT	REMOVE
229	12" BOX ELDER	REMOVE
230	6.5" BOX ELDER	REMOVE
231	6.5" BOX ELDER	REMOVE
232	7" BOX ELDER	REMOVE
233	6.5" BOX ELDER	REMOVE
234	7" SYCAMORE	REMOVE
235	12.5" SYCAMORE	REMOVE
236	6" BOX ELDER	REMOVE
237	14.5" SYCAMORE	REMOVE
238	9.5" BOX ELDER	REMOVE
239	15" HICKORY	REMOVE
240	6.5" BOX ELDER	REMOVE
241	7" BOX ELDER	REMOVE
242	6" BOX ELDER	REMOVE
243	6.5" BOX ELDER	REMOVE
244	7" SYCAMORE	REMOVE
245	12.5" SYCAMORE	REMOVE
246	6" BOX ELDER	REMOVE
247	14.5" SYCAMORE	REMOVE
248	9.5" BOX ELDER	REMOVE
249	14.5" TULIP POPLAR	REMOVE
250	18" TULIP POPLAR	REMOVE
251	10.5" TULIP POPLAR	REMOVE
252	20.5" TULIP POPLAR	REMOVE
253	6" IRON WOOD	REMOVE
254	9" BLACK WALNUT	REMOVE
255	16.5" SYCAMORE	REMOVE
256	6.5" IRON WOOD	REMOVE
257	11.5" TULIP POPLAR	REMOVE
258	18" TULIP POPLAR	REMOVE
259	16.5" TULIP POPLAR	REMOVE
260	17" TULIP POPLAR	SAVE
261	14" TULIP POPLAR	REMOVE
262	23" TULIP POPLAR	REMOVE
263	14.5" TULIP POPLAR	REMOVE
264	14" BLACK WALNUT	REMOVE
265	16" TULIP POPLAR	REMOVE
266	14.5" TULIP POPLAR	REMOVE
267	19.5" TULIP POPLAR	REMOVE
268	10" TULIP POPLAR	REMOVE
269	15" TULIP POPLAR	REMOVE
270	18.5" TULIP POPLAR	REMOVE
271	18.5" TULIP POPLAR	REMOVE
272	21" TULIP POPLAR	REMOVE
273	14.5" TULIP POPLAR	REMOVE
274	9" SYCAMORE	REMOVE
275	21" SYCAMORE	REMOVE
276	18" TULIP POPLAR	REMOVE
277	23" TULIP POPLAR	REMOVE
278	7.5" RED MAPLE	REMOVE
279	8" TULIP POPLAR	REMOVE
280	19" TULIP POPLAR	REMOVE
281	8" RED MAPLE	REMOVE
282	8" SYCAMORE	REMOVE
283	6" TUPELO	REMOVE
284	19" TULIP POPLAR	REMOVE
285	18.5" TULIP POPLAR	REMOVE
286	10" SYCAMORE	REMOVE
287	7" TULIP POPLAR	REMOVE
288	8" TULIP POPLAR	REMOVE
289	6" CHERRY	REMOVE
290	7.5" ASH	REMOVE

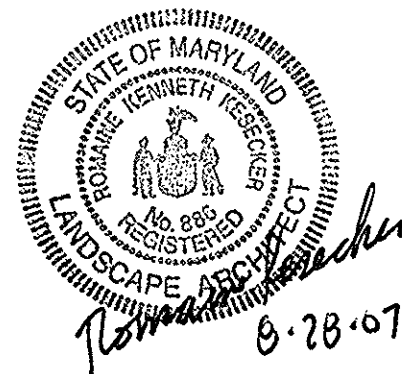
EXISTING TREE KEY NO.	SPECIES	STATUS
291	15" TULIP POPLAR	REMOVE
292	14" RED MAPLE	REMOVE
293	16.5" LINDEN	REMOVE
294	10.5" TULIP POPLAR	REMOVE
295	11.5" SYCAMORE	REMOVE
296	18" TULIP POPLAR	REMOVE
297	11.5" SYCAMORE	REMOVE
298	16.5" TULIP POPLAR	REMOVE
299	15" TULIP POPLAR	REMOVE
300	17" TULIP POPLAR	REMOVE
301	19" BLACK WALNUT	REMOVE
302	7" BLACK WALNUT	REMOVE
303	2.5" BLACK WALNUT	REMOVE
304	6.5" JUNIPER	REMOVE
305	10" BLACK CHERRY	REMOVE
306	7" ASH	REMOVE
307	8.5" RED MAPLE	REMOVE
308	6" ASH	REMOVE
309	16" SYCAMORE	REMOVE
310	11" ASH	REMOVE
311	11.5" ASH	REMOVE
312	16" ASH	REMOVE

NOTES:

TREE AND TOPOGRAPHIC SURVEY WAS PERFORMED PRIOR TO ROAD IMPROVEMENT WORK AT THIS INTERSECTION. SEVERAL TREES MAY HAVE ALREADY BEEN REMOVED BY SHA WORK.

- STANDARD NOTES:
- A. AN ON-SITE PRE-CONSTRUCTION MEETING SHALL BE REQUIRED AFTER THE LIMITS OF DISTURBANCE HAVE BEEN STAKED AND FLAGGED, BUT BEFORE ANY CLEARING OR GRADING BEGINS. CONTACT MARYLAND NATIONAL CAPITAL PARK AND PLANNING COMMISSION TO VERIFY THE LIMITS OF DISTURBANCE AND DISCUSS TREE PROTECTION AND TREE CARE MEASURES. THE ATTENDANTS AT THE MEETING SHALL INCLUDE: DEVELOPER'S REPRESENTATIVE, CONSTRUCTION SUPERINTENDENT, MNCPPC PARKS ARBORIST, MNCPPC PARKS AND PLANNING DEPARTMENT INSPECTORS AND DPS SEDIMENT CONTROL INSPECTOR.
- B. NO CLEARING OR GRADING SHALL BEGIN BEFORE STRESS-REDUCTION MEASURES HAVE BEEN IMPLEMENTED. APPROPRIATE MEASURES MAY INCLUDE, BUT ARE NOT LIMITED TO:
1. ROOT PRUNING
 2. CROWN REDUCTION OR PRUNING
 3. WATERING
 4. FERTILIZING
- MEASURES NOT SPECIFIED ON THE FOREST CONSERVATION PLAN MAY BE REQUIRED AS DETERMINED BY THE MNCPPC PLANNING DEPARTMENT INSPECTORS IN COORDINATION WITH THE MNCPPC PARKS ARBORIST.
- C. THE MNCPPC PARKS ARBORIST WILL IDENTIFY ALL STRESS REDUCTION MEASURES. DOCUMENTATION OF STRESS REDUCTION MEASURES MUST BE EITHER OBSERVED BY THE MNCPPC PLANNING DEPARTMENT INSPECTORS OR SENT TO THE MNCPPC INSPECTORS AT 8787 GEORGIA AVENUE, SILVER SPRING, MD 20910. THE MNCPPC PLANNING DEPARTMENT INSPECTORS WILL DETERMINE THE EXACT METHOD TO CONVEY THE STRESS REDUCTION MEASURES DURING THE PRE-CONSTRUCTION MEETING.
- D. TEMPORARY TREE PROTECTION DEVICES SHALL BE INSTALLED PER THE FOREST CONSERVATION PLAN AND PRIOR TO ANY CONSTRUCTION ACTIVITIES. TREE PROTECTION FENCING LOCATIONS SHALL BE STAKED PRIOR TO THE PRE-CONSTRUCTION MEETING. MNCPPC PLANNING DEPARTMENT INSPECTORS MAY MAKE FIELD ADJUSTMENTS TO INCREASE THE SURVIVABILITY OF TREES AND FOREST SHOWN AS SAVED ON THE APPROVED PLAN. TEMPORARY TREE PROTECTION DEVICES MAY INCLUDE, BUT NOT LIMITED TO:
1. SUPER SILT FENCE
 2. FERTILIZING
 3. TREE PROTECTION FENCING AS DETAILED

NOTES CONTINUED ON FCP-5



FINAL FOREST CONSERVATION
PLAN NO. P-04001

dwg. no. FCP-4

design

R. K. Kesecker

9/07

landscape architect

date

architect

date

9/07

date

engineer

date

L. L. Kennedy

9/07

drawn by

date

review and approval

park development division

date

central maintenance

date

region

date

natural resources

date

review and approval

director of parks

date

park police

date

date

date



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Silver Spring, Maryland 20901
Montgomery County Department of Parks
(301) 495-2535

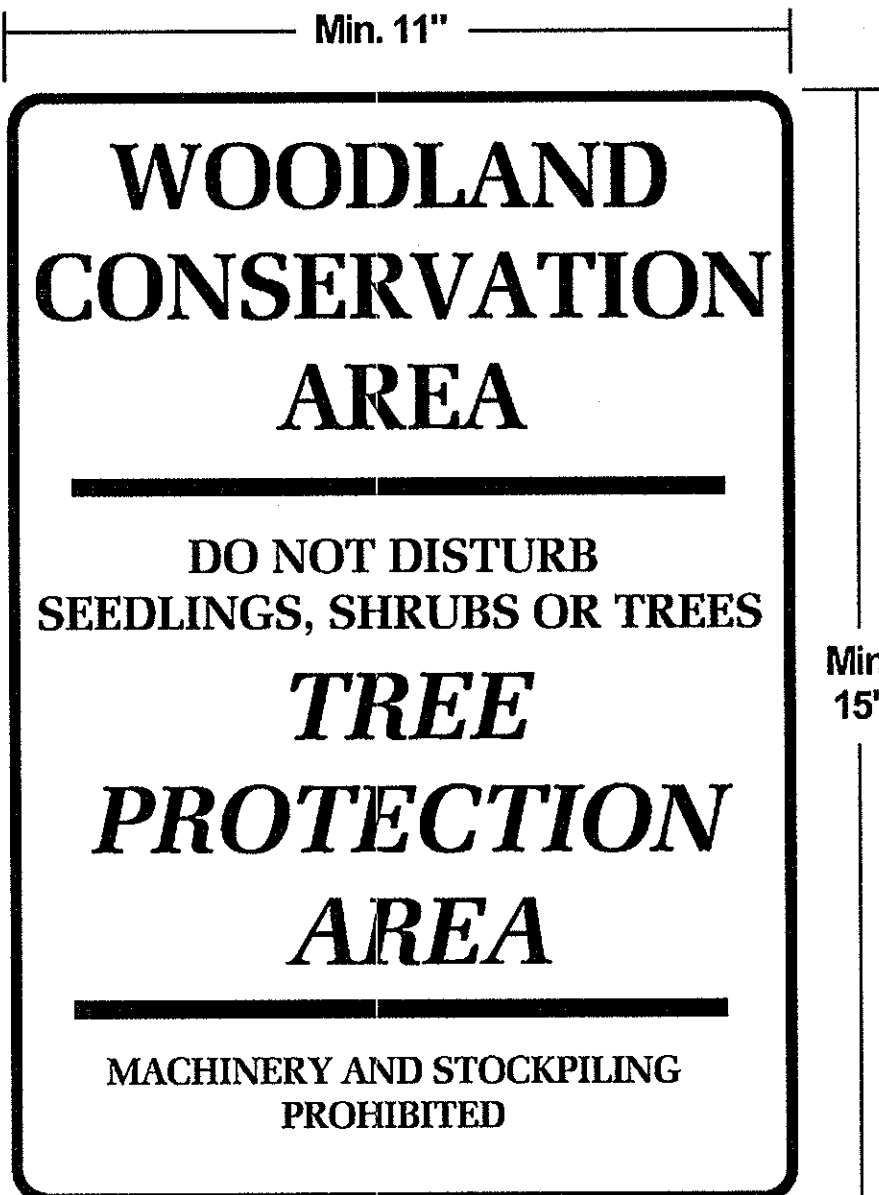
revisions:		
rev. no.	date	description

project:

ROCK CREEK TRAIL BRIDGE
AND TRAIL APPROACHES
COMBINED
FOREST CONSERVATION PLAN
AND
TREE SAVE PLAN

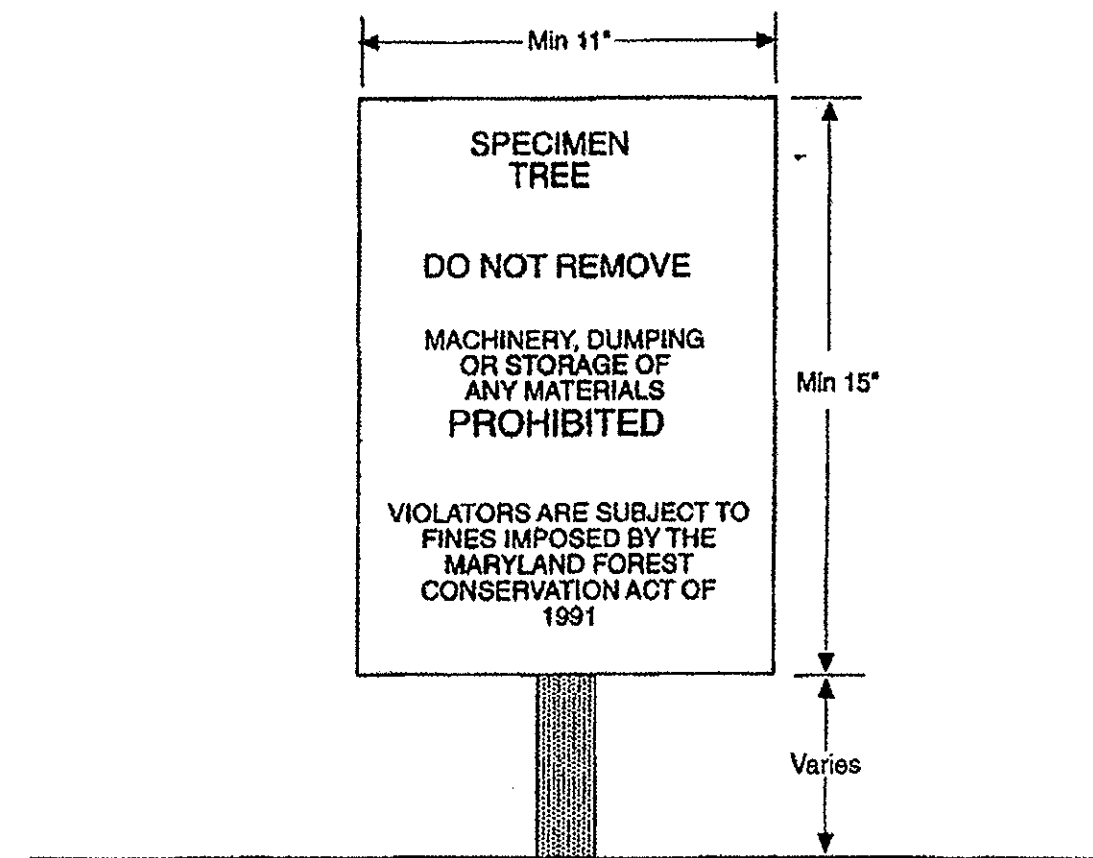
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sheet 94 of 95



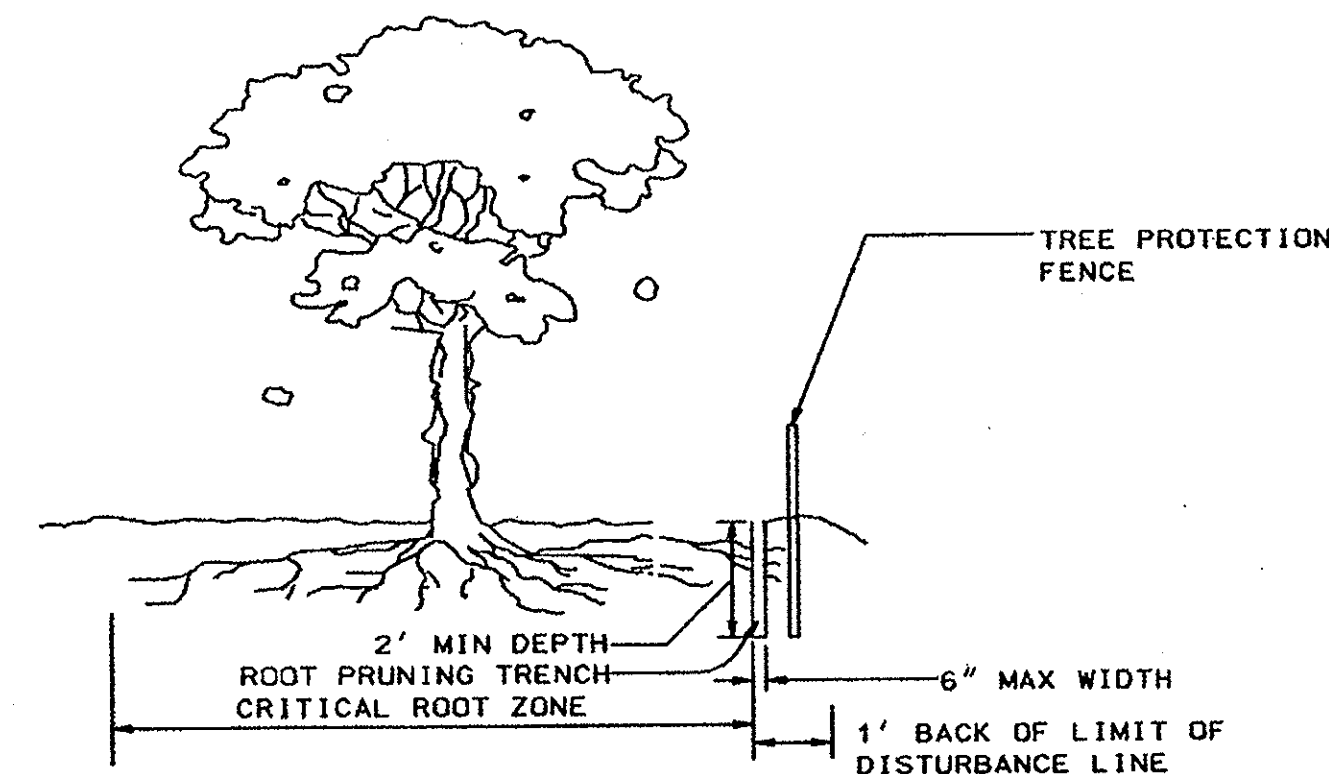
- NOTES:
1. Bottom of signs to be higher than top of tree protection fence.
 2. Signs to be placed approximately 50 feet apart at LOD when adjacent to forest. Conditions on site affecting visibility may warrant placing signs closer or farther apart.
 3. Attachment of signs to trees is prohibited.
 4. Cost of furnishing, installing, and removing conservation sign shall be incidental to and included in tree protection fence.

CONSERVATION SIGN
N.T.S.



- NOTES:
1. Bottom of signs to be higher than top of tree protection fence.
 2. Signs to be placed approximately 30 feet apart. Conditions on site affecting visibility may warrant placing signs closer or farther apart.
 3. Attachment of signs to trees is prohibited.
 4. Cost of furnishing, installing, and removing construction sign shall be incidental to and included in tree protection fence.

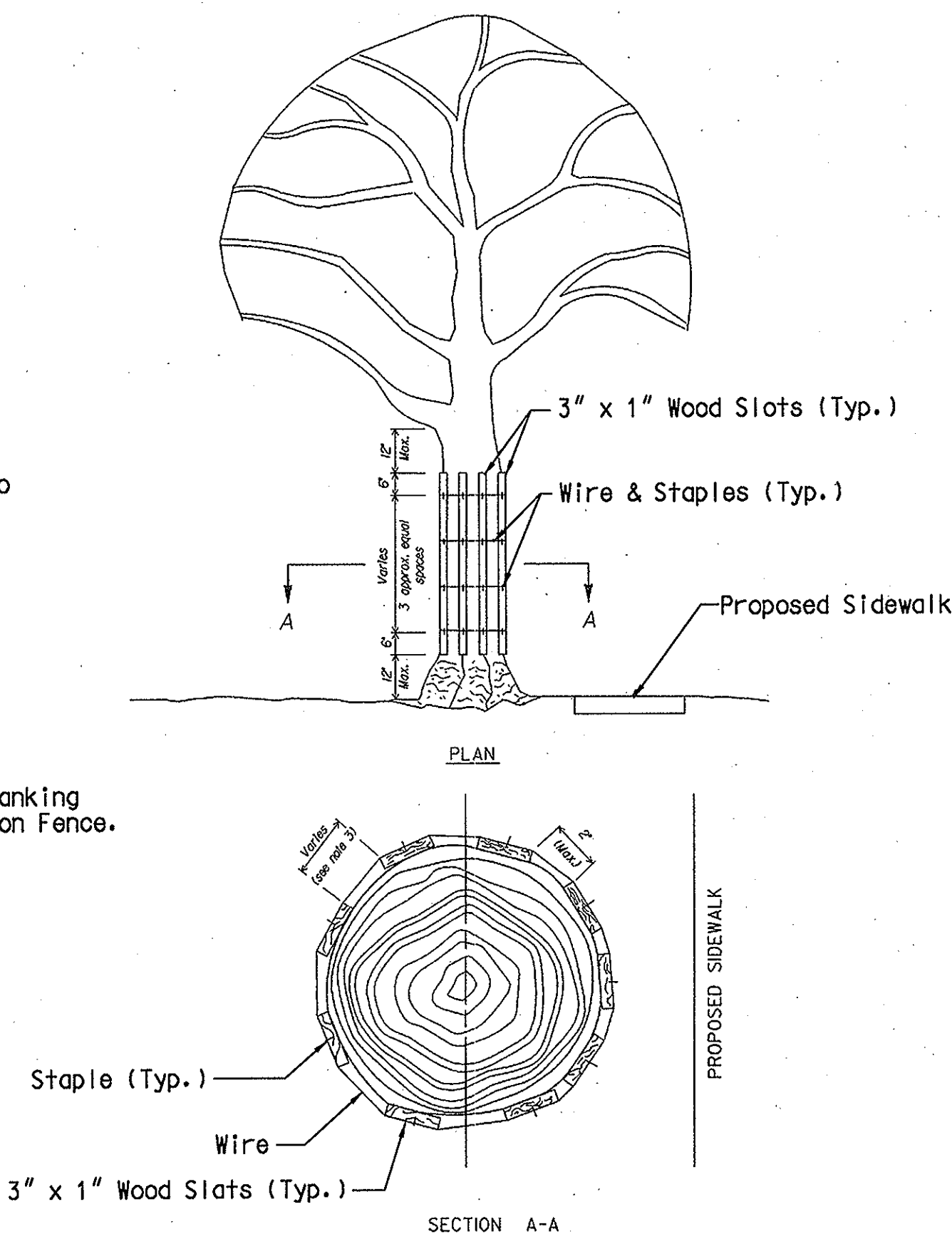
CONSTRUCTION SIGN
N.T.S.



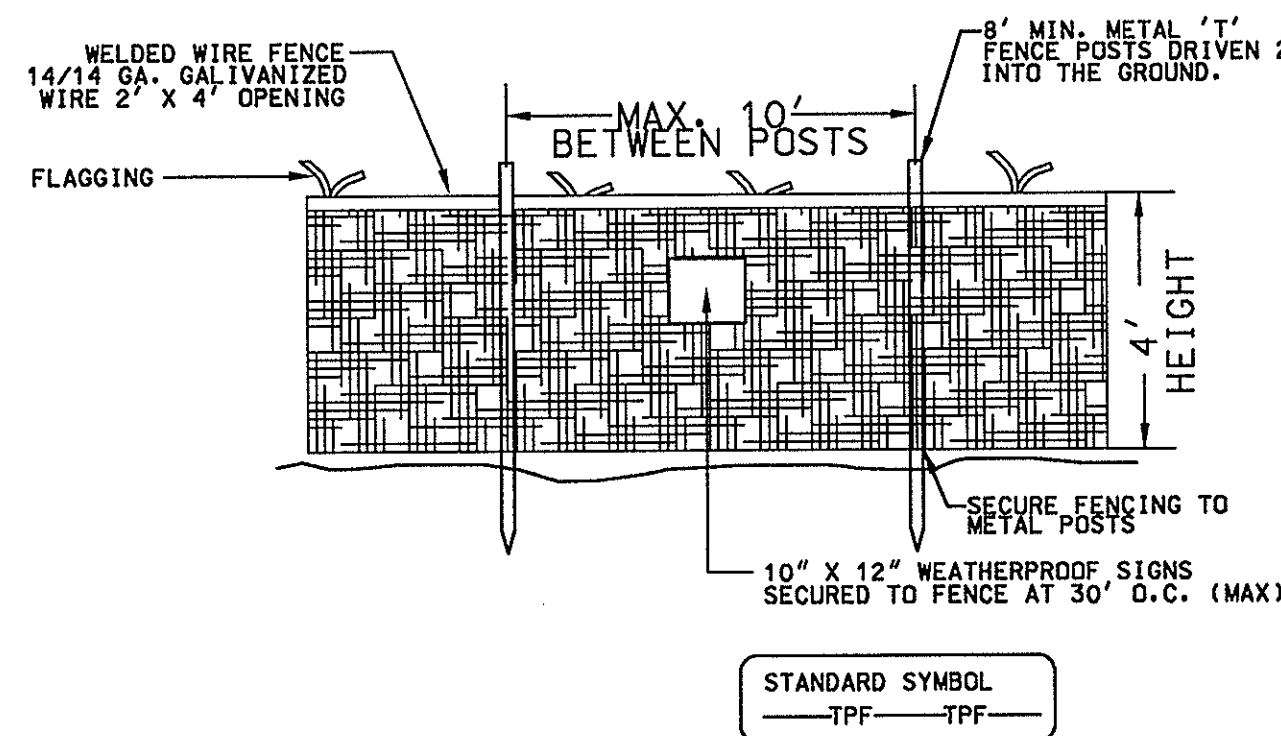
- NOTES:
1. Retention areas will be set as part of the review process.
 2. Boundaries of retention areas shall be staked and flagged prior to trenching.
 3. Exact location of trench shall be identified in the field by the arborist.
 4. Trench shall be immediately backfilled with soil removed or other high organic soil.
 5. Roots shall be cleanly cut using vibratory knife or other acceptable equipment.

ROOT PRUNING DETAIL
N.T.S.

1. Install tree planking on trees which are too close to the work area to allow installation of standard tree protection fence.
2. Space the slats on the side facing the work area a maximum of 2' apart. Space the slats on the side away from the work area such that the wire will not come into contact with the bark.
3. Securely fasten the wire to the slats with staples. Do not damage the bark with the staples.
4. Cost of furnishing, installing, and removing tree planking shall be incidental to and included in Tree Protection Fence.



TREE PLANKING DETAIL
N.T.S.



- NOTES:
1. PRACTICE MAY BE COMBINED WITH SEDIMENT CONTROL FENCING.
 2. LOCATION AND LIMITS OF FENCING SHALL BE COORDINATED IN FIELD WITH ARBORIST.
 3. BOUNDARIES OF TREE PROTECTION AREA SHALL BE STAKED AND FLAGGED PRIOR TO INSTALLING PROTECTIVE DEVICE.
 4. ROOT DAMAGE SHALL BE AVOIDED.
 5. PROTECTIVE SIGNAGE IS REQUIRED.
 6. FENCING SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

TREE PROTECTION FENCE
N.T.S.

STANDARD NOTES (CONTINUED FROM FCP-4):

- E. TEMPORARY PROTECTION DEVICES SHALL BE MAINTAINED AND INSTALLED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION PROJECT AND SHALL NOT BE ALTERED WITHOUT PRIOR APPROVAL FROM MNCPPC PLANNING DEPARTMENT INSPECTORS. NO EQUIPMENT, TRUCKS, MATERIALS, OR DEBRIS MAY BE STORED WITHIN THE TREE PROTECTION FENCE AREAS DURING THE ENTIRE CONSTRUCTION PROJECT. NO VEHICLE OR EQUIPMENT ACCESS TO THE FENCED AREA WILL BE PERMITTED. TREE PROTECTION SHALL NOT BE REMOVED WITHOUT PRIOR APPROVAL OF MNCPPC PLANNING DEPARTMENT INSPECTORS. TREE PROTECTION DEVICES SHALL BE COORDINATED WITH EROSION AND SEDIMENT CONTROL DEVICES AS INDICATED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
- F. CONSERVATION AND SPECIMEN TREE SIGNS SHALL BE INSTALLED AS REQUIRED BY THE MNCPPC PLANNING DEPARTMENT INSPECTORS, OR AS SHOWN.
- G. LONG-TERM PROTECTION DEVICES SHALL BE INSTALLED PER THE FOREST CONSERVATION PLAN AND DETAILS. INSTALLATION SHALL OCCUR AT THE APPROPRIATE TIME DURING THE CONSTRUCTION PROJECT. REFER TO THE PLAN DRAWING FOR LONG-TERM PROTECTION MEASURES TO BE INSTALLED.
- H. PERIODIC INSPECTIONS BY THE MNCPPC PLANNING DEPARTMENT INSPECTORS WILL OCCUR DURING THE CONSTRUCTION PROJECT. CORRECTIONS AND REPAIRS TO ALL TREE PROTECTION DEVICES, AS DETERMINED BY THE MNCPPC PLANNING DEPARTMENT INSPECTOR, SHALL BE MADE WITHIN THE TIME FRAME ESTABLISHED BY THE MNCPPC PLANNING DEPARTMENT INSPECTOR.
- I. AFTER CONSTRUCTION IS COMPLETED, AN INSPECTION SHALL BE REQUESTED. CORRECTIVE MEASURES WHICH MAY BE REQUIRED, INCLUDING, BUT NOT LIMITED TO:
1. REMOVAL AND REPLACEMENT OF DEAD DYING TREES.
 2. PRUNING OF DEAD OR DECLINING LIMBS
 3. SOIL AERATION
 4. FERTILIZATION
 5. WATERING
 6. WOUND REPAIR
 7. CLEAN UP OF RETENTION AREAS
- J. AFTER INSPECTION AND COMPLETION OF CORRECTIVE MEASURES HAVE BEEN UNDERTAKEN, ALL TEMPORARY PROTECTION DEVICES SHALL BE REMOVED FROM THE SITE. NO ADDITIONAL GRADING, SODDING, OR DISTURBANCE SHALL OCCUR.



design	
R. K. Kosecker	9/07
landscape architect	date
architect	date
	9/07
engineer	date
L. L. Kennedy	9/07
drawn by	date

review and approval	
park development division	date
central maintenance	date
region	date
natural resources	date

review and approval	
director of parks	date
park police	date
	date
	date



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Silver Spring, Maryland 20901
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revisions:

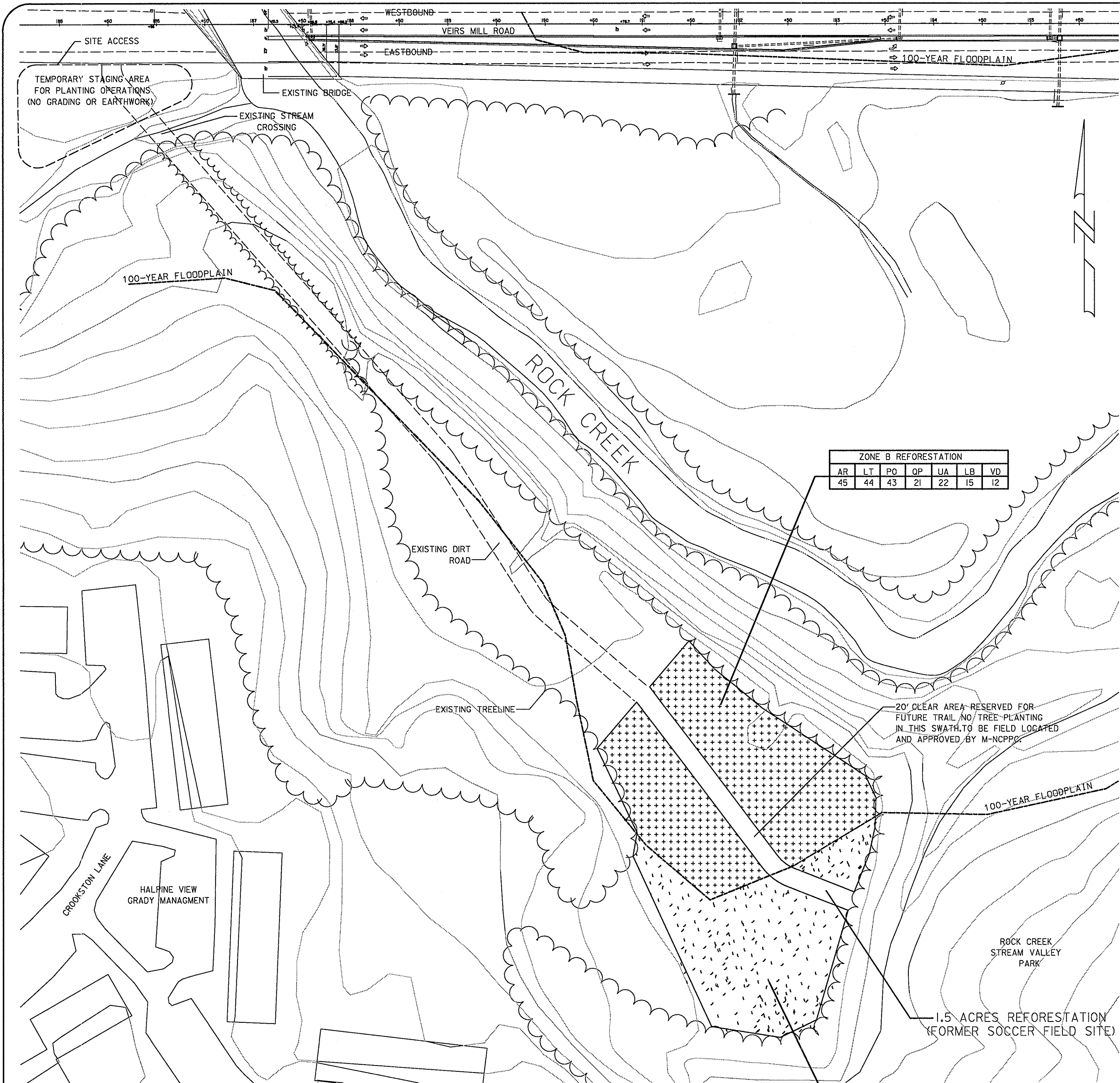
rev. no.	date	description

project:

ROCK CREEK TRAIL BRIDGE
AND TRAIL APPROACHES
COMBINED
FOREST CONSERVATION PLAN
AND
TREE SAVE PLAN

scale: NTS

sheet 95 of 95



NOTES:

SITE PREPARATION

1. A PRE-PLANTING MEETING IS REQUIRED. ALL OF THE APPROPRIATE AGENCIES INCLUDING MNCPPC PARKS FOREST ECOLOGIST (301-949-2818) AND MNCPPC PLANNING DEPARTMENT INSPECTORS SHALL BE PRESENT.
2. NON-NATIVE INVASIVE PLANT SPECIES, SPECIES ERADICATION SHALL BE PERFORMED PRIOR TO PLANTING OPERATIONS. PROVIDE SCHEDULE OF ANTICIPATED WORK TO MNCPPC PARKS FOREST ECOLOGIST FOR REVIEW AND APPROVAL.
3. NON-NATIVE INVASIVE MANAGEMENT SHALL EXTEND 50' BEYOND THE AREA OF PLANTING.
4. BRUSH HOG THE SITE PRIOR TO PLANTING OPERATIONS.
5. SOIL TESTING AND AMENDMENTS SHALL BE PERFORMED AND SOIL TESTING SHALL BE DONE PRIOR TO PRE-PLANTING MEETING. PROVIDE RESULTS TO MNCPPC FOREST AND PARKS ECOLOGIST AND MNCPPC PLANNING DEPARTMENT INSPECTORS. SOIL TESTING RESULTS WILL BE THE BASIS FOR DETERMINING AMENDMENTS AS APPROVED OR DIRECTED BY THE MNCPPC FOREST AND PARKS ECOLOGIST AND MNCPPC PLANNING DEPARTMENT INSPECTORS..

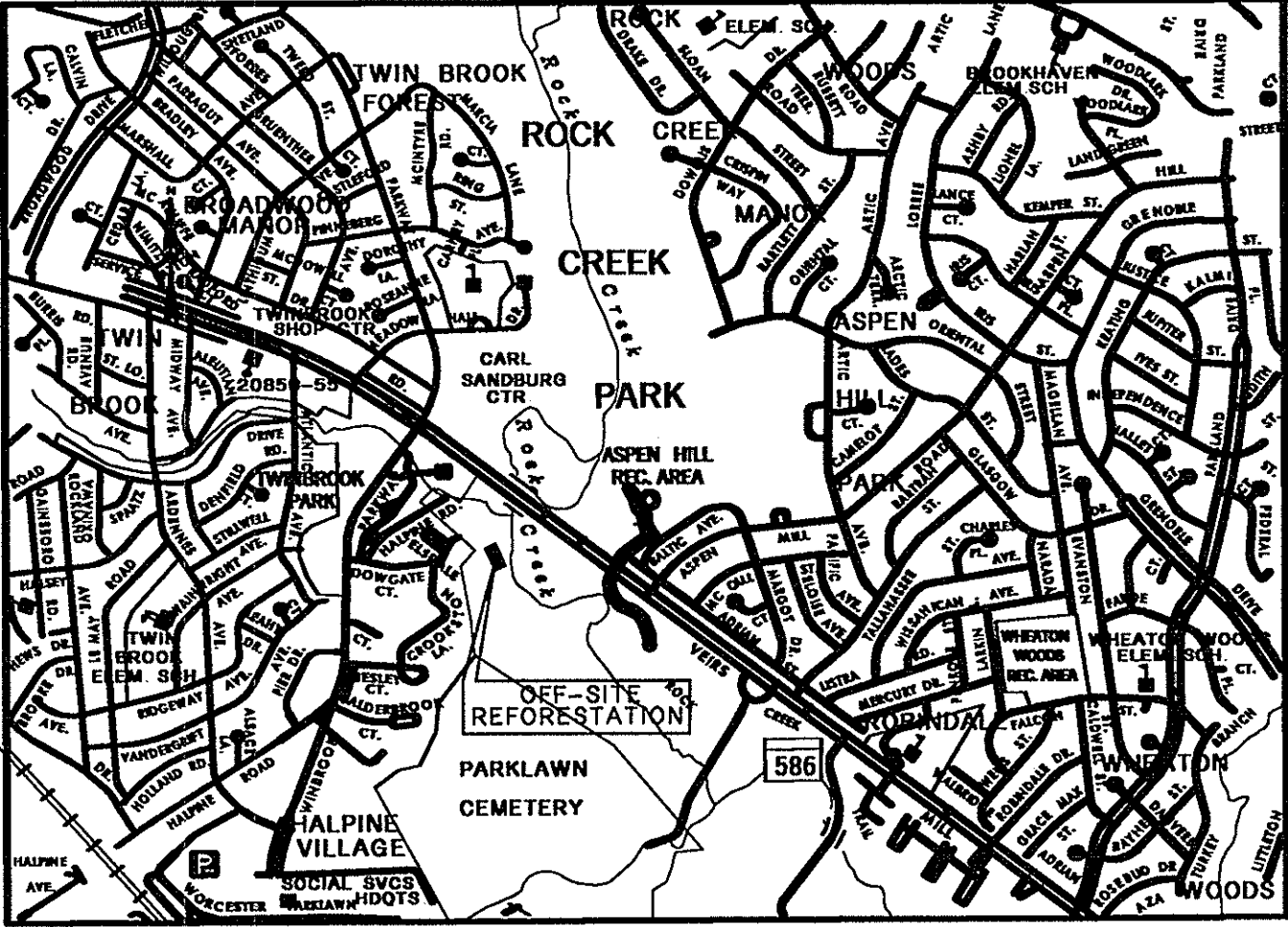
INSTALLATION AND PLANTING SPECIFICATIONS:

6. THE ENTIRE DESIGNATED AREA SHALL BE REFORESTED. REFORESTATION SHALL BE INSTALLED PRIOR TO OR WITHIN 12 MONTHS OF PROJECT COMPLETION, CONSISTENT WITH THE COUNTY FOREST CONSERVATION LAW. BARE AREAS RESULTING FROM INVASIVE REMOVAL OR OTHER DISTURBANCE SHALL BE SEEDED WITH OPEN MEADOW MIX.
7. DEER PROTECTION SHALL BE INSTALLED ON REFORESTATION PLANTINGS TO PROTECT FROM BOTH DEER BROWSE AND BUCK RUBBING.
TREES: TREE SLEEVES: HEAVY-DUTY PLASTIC OF AN OPEN WEAVE MESH, 4" TALL, 6" DIAMETER.
SHRUBS: 4 FOOT TALL, 3 FOOT IN DIAMETER, WIRE FENCE CAGE ERECTED AROUND EACH PLANT. ONE STAKE SHALL BE USED TO ANCHOR EACH CAGE IN PLACE, AND 2 TWIST TIES EMPLOYED TO ATTACH THE STAKE TO THE CAGE.

8. TREES SHALL BE PLANTED 'OFF-CENTER' UNLESS OTHERWISE DIRECTED BY THE MNCPPC PLANNING DEPARTMENT INSPECTORS IN COORDINATION WITH MNCPPC FOREST ECOLOGIST. IN ORDER TO CONTROL NON-NATIVE INVASIVE SPECIES PLANTINGS MAY BE SPACED IN 'MOWER-WIDTH' ROWS FOR EASE OF MAINTENANCE PURPOSES.
9. PLANTING AND AFTERCARE SHALL CONFORM TO MNCPPC PARKS DEPARTMENT SPECIFICATIONS AND DETAILS.

MAINTENANCE PERIOD

10. MAINTENANCE DURING THE EARLY YEARS FOLLOWING PLANTING IS KEY TO REFORESTATION SUCCESS. WATERING PLANTED STOCK IS ESSENTIAL FOR THE FIRST YEAR FOLLOWING INSTALLATION. 'GATOR-BAG' INSTALLATION SHALL BE USED TO ENSURE HIGH SURVIVAL RATES.
11. MNCPPC PLANNING DEPARTMENT INSPECTORS AND FOREST ECOLOGIST WILL INSPECT THE PROJECT TWO YEARS. AFTER DENSITY AND SPECIES COMPOSITION ARE ACCEPTABLE MNCPPC COMPOSITION ARE ACCEPTABLE, MNCPPC WILL RELIEVE THE APPLICANT OF RESPONSIBILITY FOR THE REPLANTED AREA. THE ACCEPTABLE LEVEL OF SURVIVAL AT THE END OF THE MINIMUM MAINTENANCE PERIOD IS NO LESS THEN 90% SURVIVAL.
12. IF THE LEVEL OF SURVIVAL IS LESS THAN 80% AT THE END OF THE MINIMUM 2-YEAR MAINTENANCE PERIOD, THE APPLICANT SHALL PLANT BACK UP TO THE 100% LEVEL (WITH POSSIBLE REQUIREMENTS TO ADD OR MODIFY ORIGINAL PLANTING SPECS BY USING LARGER STOCK, OR BETTER DEER PROTECTION, ECT.) THE SITE WILL BE RE-INSPECTED AT THE END OF THE GROWING SEASON FOLLOWING REPLANTING. IF SURVIVAL RATES ARE ACCEPTABLE, THE APPLICANT WILL BE RELIEVED OF ALL RESPONSIBILITY FOR THE REPLANTED AREA. PROJECTS WITH NEED FOR EXTENSIVE CORRECTIONS MAY REQUIRE AN ADDITIONAL MAINTENANCE PERIOD BY THE APPLICANT AND SUBSEQUENT INSPECTION BY MNCPPC BEFORE THE APPLICANT IS RELIEVED OF RESPONSIBILITY.
13. NON-NATIVE INVASIVE (NNI) SPECIES CONTROL MUST BE MAINTAINED WITHIN THE AREA OF DISTURBANCE AND FOR A DISTANCE OF 50 TO 150 FEET BEYOND - DISTANCE TO BE DETERMINED BY MNCPPC PARKS FOREST ECOLOGIST DEPENDING ON HABITAT QUALITY, SURROUNDING HABITAT, LEVEL OF DISTURBANCE AND OVERALL LIKELIHOOD FOR NNI INFESTATION. CONTROL METHODS MUST BE APPROVED BY THE MNCPPC PARKS FOREST ECOLOGIST. INVASIVE SPECIES REMOVAL SHALL COMPLY WITH MNCPPC SPECIFICATIONS.
14. NON-NATIVE INVASIVE SPECIES CONTROL MUST BE ACCEPTABLE TO MNCPPC AT THE END OF THE 2-YEAR MAINTENANCE PERIOD OR FURTHER MANAGEMENT WILL BE REQUIRED OF THE APPLICANT.



VICINITY MAP
NTS

ZONE A (UPLAND) REFORESTATION PLANT SCHEDULE - 0.60 AC.

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
TREES					
AR	30	ACER RUBRUM	RED MAPLE	1" CAL.	7 GAL. CONT. OR B & B
LT	16	LIRIODENDRON TULIPIFERA	TULIP POPLAR	1" CAL.	7 GAL. CONT. OR B & B
PV	31	PINUS VIRGINIANA	VIRGINIA PINE	8' HT.	7 GAL. CONT. OR B & B
QA	15	QUERCUS ALBA	WHITE OAK	1" CAL.	7 GAL. CONT. OR B & B
QR	33	QUERCUS RUBRA	RED OAK	1" CAL.	7 GAL. CONT. OR B & B
SHRUBS					
AA	3	AMELANCHIER ARBOREA	SERVICEBERRY	18" HT.	CONTAINER
LB	20	LINDERA BENZOIN	SPICEBUSH	18" HT.	CONTAINER

ZONE B (FLOODPLAIN) REFORESTATION PLANT SCHEDULE - 0.90 AC.

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION
TREES					
AR	45	ACER RUBRUM	RED MAPLE	1" CAL.	7 GAL. CONT. OR B & B
LT	44	LIRIODENDRON TULIPIFERA	TULIP POPLAR	1" CAL.	7 GAL. CONT. OR B & B
PO	43	PLATANUS OCCIDENTALIS	SYCAMORE	1" CAL.	7 GAL. CONT. OR B & B
OP	21	QUERCUS PALUSTRIS	PIN OAK	1" CAL.	7 GAL. CONT. OR B & B
UA	22	ULMUS AMERICANA	AMERICAN ELM	1" CAL.	7 GAL. CONT. OR B & B
SHRUBS					
LB	15	LINDERA BENZOIN	SPICEBUSH	18" HT.	CONTAINER
VD	12	VIBURNUM DENTATUM	ARROW-WOOD VIBURNUM	18" HT.	CONTAINER

SEE FCP-1 FOR REFORESTATION WORKSHEET. DISTRIBUTE SHRUBS EVENLY AMONG TREES.

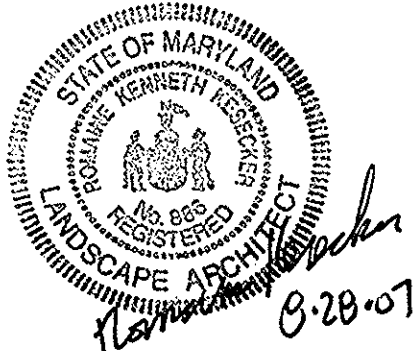
REFORESTATION SUMMARY

REFORESTATION REQUIRED	1.20 ACRES
REFORESTATION PROVIDED	1.50 ACRES
TREES PROVIDED	
1" CAL. AT 200 PER ACRE	300 TOTAL
SHRUBS PROVIDED	
18" HT. AT 33 PER ACRE	50 TOTAL

OPEN MEADOW MIX*	% MIX
BIG BLUESTEM (ANDROPOGON GERARDII)	25%
LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM)	20%
SWITCHGRASS (PANICUM VIRGATUM)	20%
INDIANGRASS (SORGHASTRUM NUTANS)	15%
PURPLETOP (TRIDENS FLAVUS)	15%
CEREAL GRAIN (OATS OR BARLEY)	5%
	100%

SEEDING RATE: 35 BULK LBS. PER ACRE OR 0.8 LB. PER 1,000 SQUARE FEET.

*SEEDING SHALL TAKE PLACE IN DISTURBED PLANTING AREAS ONLY FOLLOWING REFORESTATION, AS DIRECTED BY THE MNCPPC PLANNING DEPARTMENT INSPECTORS.



NOTE: WORK ON THIS SHEET ONLY IS N.I.C. AND WILL BE PERFORMED BY M-NCPPC

FINAL FOREST CONSERVATION
PLAN NO. P-04001

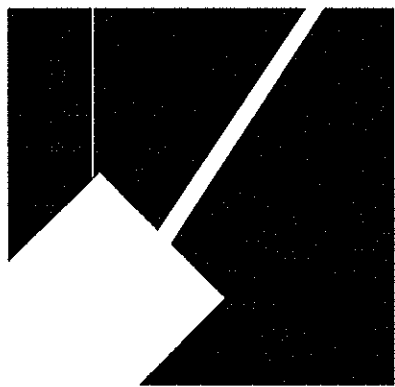
dwg. no. RF-1

design
R. K. Kesecker 9/07
landscape architect date

architect 9/07
date
engineer 9/07
L. L. Kennedy date
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revisions:		
rev. no.	date	description

project:
ROCK CREEK TRAIL BRIDGE
AND TRAIL APPROACHES

OFF-SITE REFORESTATION
PLAN

scale: 1" = 60'

sheet 1 of 1