



City of Tampa

Jane Castor, Mayor

Contract Administration Department

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ADDENDUM 7

DATE: June 29, 2023

Contract: **22-C-00001; Tampa Multimodal Network and Safety Improvements Project (West River District BUILD)**

Item 1 – Clarification – MBD form must be submitted with the technical proposal so that scoring can be completed before the price proposal submission.

Item 2 - Inquiries followed by responses follow:

From: Jordan Robbins <jrobbins@pcl.com>

Sent: Wednesday, June 21, 2023 1:35 PM

1. The design criteria for Tony Jannus Park states to “Construct 15’ minimum width trail between pedestrian bridges”. The criteria also asks to “remove redundant pavement throughout the park”. In an effort to provide the best value to the City, would it be acceptable to modify/supplement the existing 10’ wide trail along the seawall and/or bifurcate the trail in order to preserve the existing pavement? This would be in alignment with the design criteria language added via Addendum 6.

R: Yes, it is acceptable to modify/supplement the existing 10’ wide trail in Tony Janus Park, to create the required 15’- wide trail connecting the two pedestrian bridges, per Addendum 6’s Design Criteria PA6v2. This trail should not be bifurcated. Additionally the City prefers the existing [redundant] sidewalk in Tony Janus Park to be removed and replaced closer to the roadway.

2. During the University of Tampa school year, the staircase access to Plant Park from Kennedy Street is blocked using the wrought iron gates. During construction, will these gates remain locked during the school year?

R: The City is the owner of Plant Park which the Univ. of Tampa leases on a long term basis. Access will be coordinated as needed.

3. The Tampa Preparatory School (TPS) section of the design criteria does not mention installation of any fencing at the easement line, however the R1 Concept Drawings state to “Install 8’ Decorative Metal Fence and Gate”. We understand there is an existing 6’ fence that is currently located within the City’s easement, and the 2010 Greenway Trail concept drawings (Reference R14) show to “relocate/add fence at easement”. Please clarify the D-B Firms requirement with regards to relocation or replacement of the existing fence.

R: Please ignore the reference documents notations to install/relocate fence at this property. The D-B firm has no fencing requirement at Tampa Preparatory School, the City Parks & Recreation Dept. will remove the existing fencing and install new fencing. Until this school is completely secured from the

public easement, all Design-Build team personnel and subcontractors are required to undergo a Level 2 screening before accessing the property of this K-12 school.

4. The design criteria for the University of Tampa states to “attempt to integrate additional security and safety features in the Women’s Dormitory area”. Has there been any discussions with the University on the expectations from this project?

R: Yes, the City has had numerous discussions with the Univ. of Tampa on this project. The Technical Proposals should include creative suggestions for added security/safety of McKay Hall (the women’s dormitory). The University of Tampa stakeholder will have the opportunity to review your suggestions. The Univ. of Tampa desires that the proposed trail lighting (Univ. of Tampa LED Standard) does not permit light to enter the dormitory rooms of McKay Hall. The Univ. of Tampa also prefers riverwalk trail work near McKay Hall (the women’s dormitory) be scheduled for the summer months.

From: Jordan Robbins <jrobbins@pcl.com>

Sent: Tuesday, June 20, 2023 12:49 PM

1. Please confirm that the City of Tampa remains responsible as the generator for all pre-existing hazardous materials found on site, will sign any applicable waste manifests and except for Contractor’s own negligence, will be responsible for any pre-existing hazardous materials.

R: No, see Attachment P-A16, Specific Provision, SP-4.07 IDENTIFIED AREAS OF CONTAMINATION. The Contractor and his own firm or subconsultant Contamination Assessment/Remediation Contractor – CAR Contractor will be responsible for any/all contamination encountered.

2. Please confirm that the Liquidated Damages as stipulated on the Public Construction Bond Form of \$500 per day is the sole and exclusive remedy for delay.

R: Liquidated Damages per calendar day on this federally funded project are \$10,203 plus 0.00005 of any amount over \$20 million (Round to nearest whole dollar). See SPT-8.10 in the Division 1 Specifications included in Attachment P-A16. Delays beyond substantial completion will cause the City to lose eligibility for reimbursement of grant funds. D-B Team to provide sufficient labor, materials and equipment to complete the work by the substantial completion date of 12/31/2026.

3. Will a standard permit or letter of permission be required from the Army Corp?

R: The Design-Build firm is responsible for all coordination and permitting. See the Pre-Permitting Agencies Meeting Notes dated 11/10/22, reference document R11, it mentions a letter of permission but the regulatory agency will decide what is required after the D-B firm submits their permit application and design.

4. Will a benthic survey, to confirm there are no resources/SAV in the priority areas of the living shoreline, be performed by the City within the 2023 growing season, so that it can be used for the D-B Firm’s ACOE permit application?

R: The City will not perform a confirmation benthic survey. If necessary, the D-B firm will need to perform this survey in the areas they propose for living shorelines.

5. Please confirm that the D-B Firm does not have to design/permit for the docking of any water taxi.

6. R: Correct, the D-B firm does not have to design/permit for the docking of any water taxi.

7. Does the City have access to the pre-application meeting minute notes for the pedestrian bridge proposed under the Kennedy Blvd Bridge? If so, can these be shared with the shortlisted firms?

R: No, the City does not have this information and cannot provide to either bidder.

From: Jordan Robbins <jrobbins@pcl.com>

Sent: Tuesday, June 20, 2023 2:03 PM

1. The design criteria for the Bayshore Blvd and Platt Street Intersection Improvements does not state any additional considerations regarding the Platt Steet Bridge bridge tender parking at the NE corner of the intersection/along Bayshore. In the R1 Concept Drawings, it appears the curb line is moved westward, resulting in removal of the bridge tender parking. Additionally, a callout is suggesting to "Install Grass" in this area. Please confirm the City is planning to remove the Platt Street bridge tender parking along Bayshore Blvd.

R: Designs should include three (3), parallel parking spots north of the crosswalk at this location, for City bridge weekly bridge maintenance vehicles and equipment. If there is remaining area, grass can be installed north of these parking spots. If necessary, the proposed roadside sidewalk may be located slightly to the east, further into Tony Janus Park to accommodate.

From: Jordan Robbins jrobbins@pcl.com

Sent: Friday, June 16, 2023 4:34 PM

1. Please reference Section V.F (Survey) of the RFP. Paragraph 1 states that "The D-B Firm shall perform all surveying (Terrestrial, Marine, Mobile and/or Aerial)...necessary to complete the project". This indicates that Mobil LiDAR and Aerial mapping (photogrammetry/LiDAR) are anticipated to be utilized by the D-B Firm. However, Paragraph 2 of Section F contradicts this by stating that "No scanning, LIDAR or GPS may be used for data collection." Please confirm that it is acceptable to use Mobil LiDAR and Aerial mapping as long as the survey data meets the rest of the requirements from Paragraph 2 (i.e. NAD 83/90, NAVD 1988, AutoCAD Civil 3D format, etc).

R: The City has had concerns over LiDAR and other collection methods in the past. However, as this is a design build, the collection method should be determined by each individual team. Therefore, those methods are acceptable.

Also, any follow up on the question below? I realized that the Segment 6 trail alignment along Cruis A Cade/North Blvd was provided in the R1 folder, but we still are requesting clarification on if this alternate trail will be desired by the City. Please also advise on the status of the City RoW/CADD file.

R: Yes, please include the Segment 6 Alignment option, adjacent to North Boulevard, in your Technical Proposal. We have attached the sketch and legal that will accompany the development agreement. However, the agreement has not yet been approved by Council. See response to number 2., below.

From: Jordan Robbins jrobbins@pcl.com

Sent: Monday, June 12, 2023 3:09 PM

1. In the Ridgewood Park section of the design criteria, it states that City may direct the Design-Builder to construct the trail along N. Boulevard and to refer to Reference R1. Reference R1 does not show a concept of the trail along N. Blvd. Has the City determined if this alternate trail location will be desired? If so, can the City provide additional detail showing the intended location along N. Blvd? There are utility conflicts and elevation/existing grade challenges along both the east and west sides of N. Blvd., so the pricing will be greater for this alternate option.

R: I see you located the Preliminary proposed trail alignments west of North Boulevard, in R11. Yes, please include the Segment 6 Alignment option, adjacent to the west side of North

Boulevard, in your Technical Proposal. The Draft easement for the proposed trail alignment on the west side of North Boulevard is attached. Existing trees in this area, are to be protected/retained to the maximum extent possible.

2. In one of the ATC Submission meetings, it was mentioned that the City's RoW design/CADD file would be provided to the shortlisted teams. When can we expect this file to be sent to PCL?

R: The project ROW Map is not yet available. Please utilize the approximate ROW based on the available survey info, existing easements and deeds as provided in Attachments P-A12. The City will provide when available.

From: Robles, Ivan S. <Ivan.Robles@haskell.com>

Sent: Tuesday, June 13, 2023 11:12 AM

1. **Trail Segments**

- a. Per the Concrete Pavement - Multi-Use Trail typical section (Attachment P-A13), sub-grade should be compacted to 98% of T-180. We request that the City consider following FDOT Specification 522 for Concrete Sidewalk and Driveways and allow sub-grade under reinforced concrete trail segments to be compacted to 95% of AASHTO T99 density?

R: Yes, the City Concrete Pavement Detail Note #2 states that preparation and placement should be per FDOT Specifications 522 and 346. Spec 522 states that the compacted area under sidewalks meet a density minimum of "95% of AASHTO T99". This is allowable.

2. **Living Shoreline**

- a. As we understand the RFP, the performance specifications for the living shorelines are:
 - i. 1,500 linear feet minimum of living shoreline should be incorporated into the project.
 - ii. Planting zones a minimum of 10-feet wide with native, littoral/intertidal vegetation.
 - iii. A plant warranty/establishment period of 6 months, other living shoreline elements would fall under the standard 12-month warranty period.
 - iv. A maximum overall width from seawall of 30-feet.
 - v. Please confirm there are no other design parameters for the living shoreline portion of the project.

R: Most of these are correct. Item iii. - Living Shoreline System also requires D-B Team to, "Provide a maintenance plan for City staff or contractors to realize the design intent and provide long term maintenance through maturation." Item iv. - The Living Shoreline design parameter for this project is a minimum length of 1,500 LF. The 30' overall width is a USACE recommendation based on recommended permit type. The D-B Firm shall utilize professional expertise and best practices to meet the design criteria.

- b. On previous living shoreline projects for the City of Tampa, a "no-rise certification", "wave run-up analysis" and "slope-stability analysis" were not required for the living shorelines design and permitting. Please confirm that the same holds true for the living shoreline portion of this project as well.

R: The Design-Build firm is required to coordinate and obtain all necessary permits. The regulatory agencies will inform you of what they currently required. See the “Pre-Permitting Agencies Meeting Notes” in reference document, R11. If not previously required, unlikely required for this project.

c. Is there a design life or return period storm that the living shoreline should be designed to withstand?

R: The living shoreline system should be designed to withstand physical and environmental conditions on site. Technical scoring will consider the durability of the proposed system. The permitting agencies may also have durability / stability requirements.

d. Please verify that if a storm, or other unforeseen event greater than the design storm criteria, occurs during the warranty period that this will fall under force majeure and the contractor will not be responsible for rehabilitation or reinstallation of the living shoreline elements under the warranty provision.

R: Section 10.3 of the City’s Design-Build provides:

10.3 Extension of Time. If such an application is made, the Firm shall be entitled to an extension of time for delay in completion of the services should the Firm be delayed in the commencement, prosecution of completion of any part of said services by any act or delay of the City, or by acts or omissions of other contractors on this Project, or by a riot, insurrection, war, pestilence, epidemic, acts of public authorities, fire, lightning, hurricanes, earthquakes, tornadoes, floods, extremely abnormal and excessive inclement weather as indicated by the records of the local weather bureau for a five (5) year period preceding the date of the Agreement, or by strikes, or other causes, which causes of delay mentioned in this Agreement, in the reasonable opinion of the City, are beyond the expectation and control of the Firm.

The fixed infrastructure (e.g. boulders) should not be significantly impacted by storm events per the anticipated permit requirements.

e. Is the City requiring the submittal of numerical model results, monitoring data or empirical calculations to quantify reductions in wave reflection, flood impacts and improvements to water quality?

R: No, It is assumed that living shorelines will provide these benefits without negatively impacting the existing conditions. The satisfaction of the regulatory agencies’ requirements and the acquisition of the required permits is all the City will require.

f. Are there metrics related to the living shoreline that must be met to satisfy the Build Grant Criteria other than those presented in P-A6?

R: No. The Living Shoreline metric for this project is a minimum length of 1,500 LF. The 30’ overall width is a USACE recommendation based on recommended permit type.

3. ~~Plant Park~~ Univ. of Tampa

a. The design trail criteria for the University of Tampa (UT) prescribes that, “The proposed design should attempt to integrate additional security and safety features in the Women’s Dormitory area...”. Please specify the types and extents of additional security and safety features the proposed design should attempt to integrate.

R: The Technical Proposals should include creative suggestions for added security/safety of McKay Hall (the women's dormitory). The University of Tampa stakeholder will have the opportunity to review your suggestions. The Univ. of Tampa desires that the proposed trail lighting (Univ. of Tampa LED Standard) does not permit light to enter the dormitory rooms of McKay Hall. The Univ. of Tampa also prefers riverwalk trail work near McKay Hall (the women's dormitory) be scheduled for the summer months.

4. **Rome Avenue (Spruce St. to Columbus Dr.)**

a. Is the intention of the City for the Furniture Zone to be paved? Will a vegetative/landscape strip be allowed between back of curb and the shared use path?

R: The furniture zone can be paved or turf as long as trees are accommodated. Any vegetative/landscape strip must be a minimum of four-feet wide.

b. Please specify the extent of what is considered by the City to be damaged sidewalks? Will sidewalks be replaced in kind or upgraded to 6' sidewalk?

R: Damaged sidewalks have broken panels, vertical elevation differences of more than an inch and/or non-ADA compliance and should be repaired or replace in-kind. Of note, some portions of Rome Avenue may have historic concrete squares instead of typical panels. These should be replaced in a like manner, to which they exist today.

c. If the EOR provides a bi-directional cycle track on the east side of Rome Ave — must the separator between the track and vehicle lanes be raised concrete across its full 3-ft width?

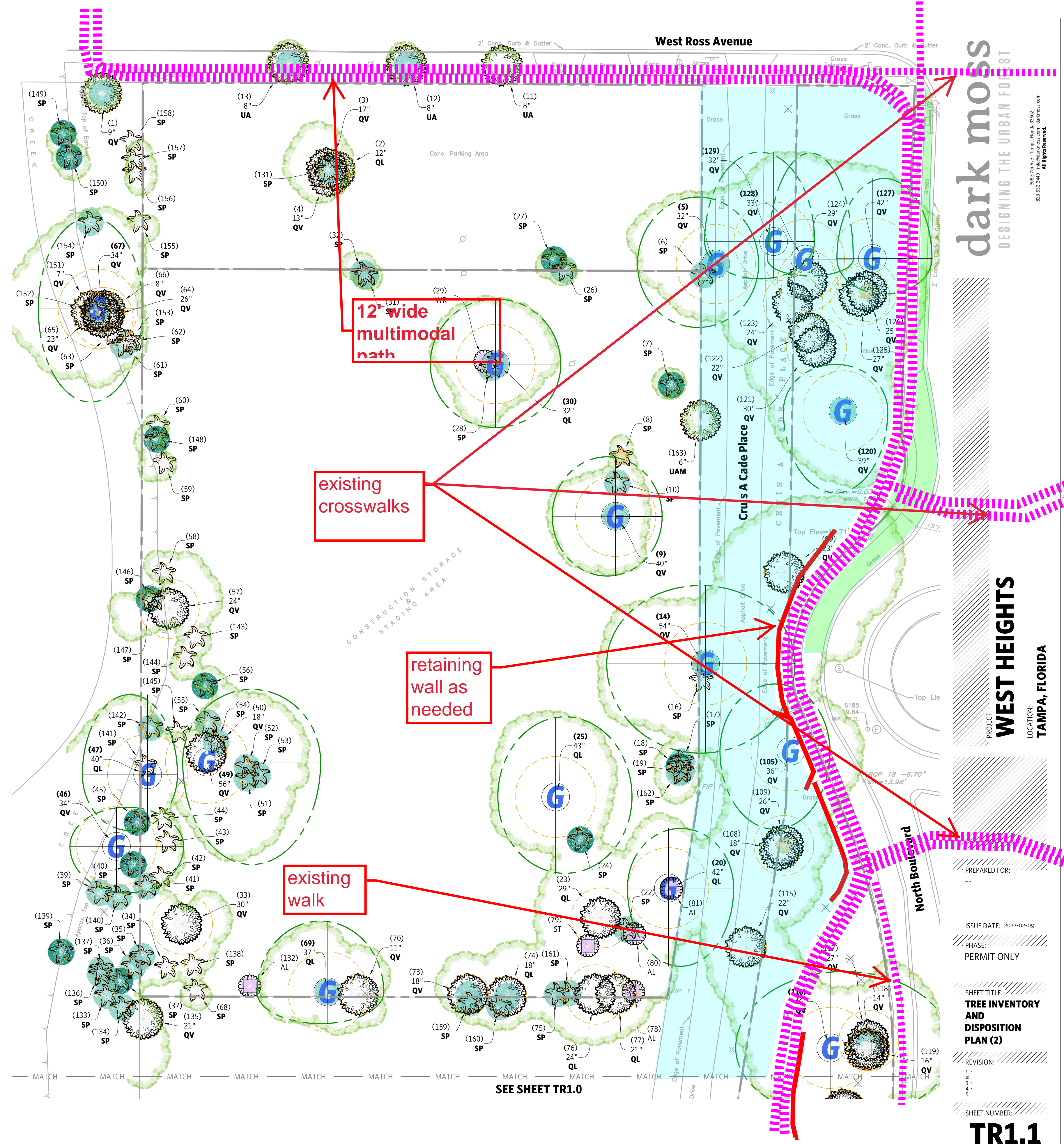
R: The separator should be a physical raised separator (hardscape), concrete or paver. In areas where a three-foot separator cannot be maintained, due to the minimal length, such as spacing between two driveways would not allow for a separator of significant length, other pin down separators and delineators may be considered in that span.

All parts of the RFQ & RFP not in conflict with this Addendum shall remain in full force and effect.

Questions are to be e-mailed to ContractAdministration@tampagov.net.

Jim Greiner

Jim Greiner, P.E., Contract Management Supervisor

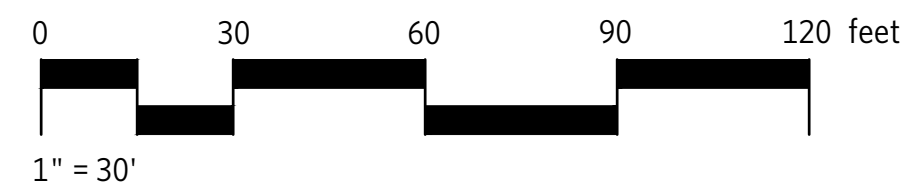


12' wide multimodal path

existing crosswalks

retaining wall as needed

existing walk



SEE SHEET TR1.0

TREE DISPOSITION SUMMARY TABLE

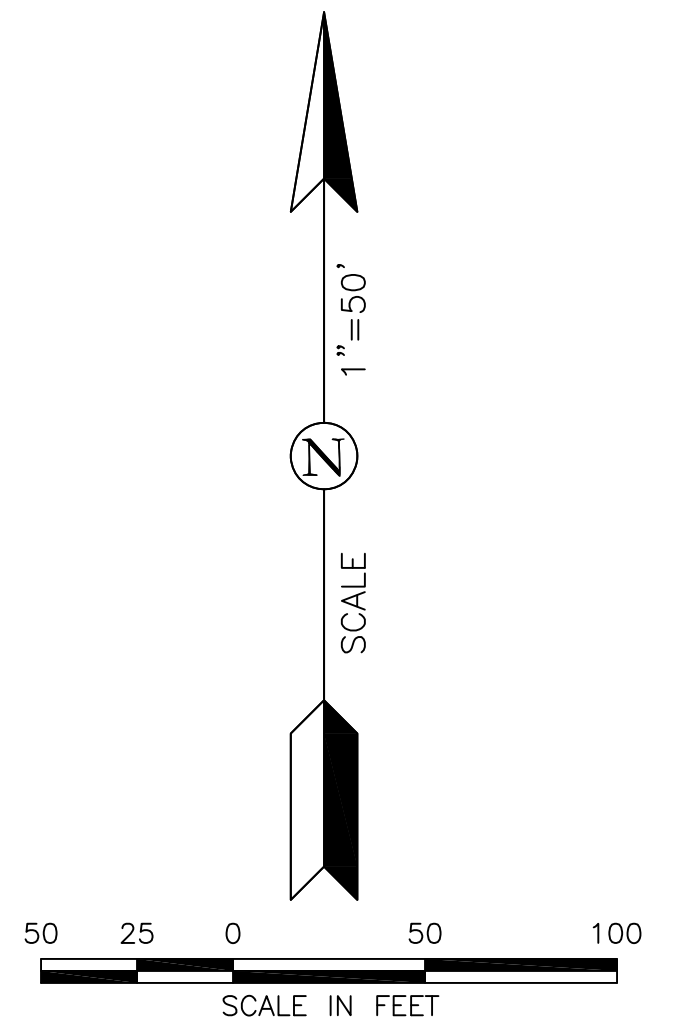
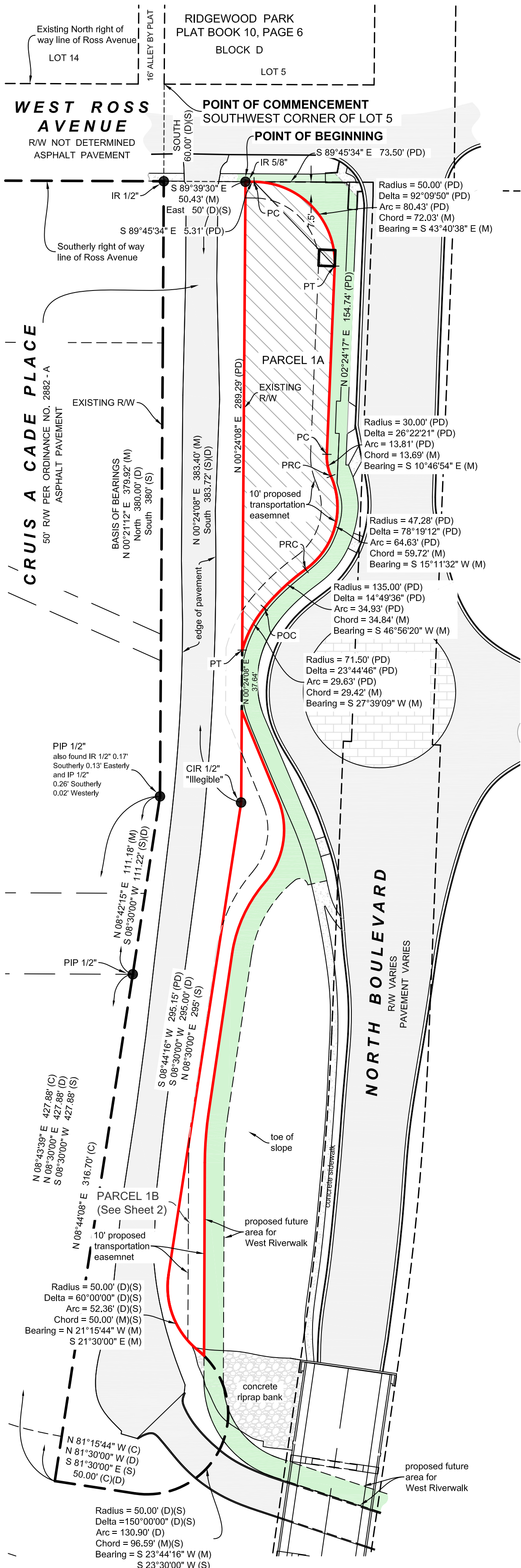
Num	Sym	Botanical Name	Common Name	Is Grand?	CR-HAZ	Permit DBH	H-S-F=	CR	Disposition
1	QV	Quercus virginiana	Southern Live Oak			9	(B-C-B)	B	Preserved
2	QL	Quercus laurifolia	Laurel Oak			12	(B-C-C)	C	Preserved
3	QV	Quercus virginiana	Southern Live Oak			17	(B-B-C)	C	Preserved
4	QV	Quercus virginiana	Southern Live Oak			13	(B-C-C)	C	Preserved
5	QV	Quercus virginiana	Southern Live Oak	Grand	B-6	32	(B-C-A)	B	Preserved
6	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
7	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
8	SP	Sabal palmetto	Cabbage Palm				(--)	D	Preserved
9	QV	Quercus virginiana	Southern Live Oak	Grand	B-4	40	(B-C-B)	B	Preserved
10	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
11	UA	Ulmus alata	Winged Elm			8	(C-C-C)	C	Preserved
12	UA	Ulmus alata	Winged Elm			8	(B-B-A)	B	Preserved
13	UA	Ulmus alata	Winged Elm			8	(B-C-B)	B	Preserved
14	QV	Quercus virginiana	Southern Live Oak	Grand	B-5	54	(B-B-A)	B	Preserved
15	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
16	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
17	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
18	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
19	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
20	QL	Quercus laurifolia	Laurel Oak	Grand	C-4	42	(B-C-C)	C	Preserved
21	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
22	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
23	QL	Quercus laurifolia	Laurel Oak			29	(B-C-B)	C	Preserved
24	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
25	QL	Quercus laurifolia	Laurel Oak	Grand	C-6	43	(C-D-B)	C	Preserved
26	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
27	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
28	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
29	WR	Washingtonia robusta	Washington Palm				(--)	Y	Preserved
30	QL	Quercus laurifolia	Laurel Oak	Grand	B-5	32	(B-C-B)	B	Preserved
31	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
32	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
33	QV	Quercus virginiana	Southern Live Oak			30	(B-C-D)	C	Preserved
34	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
35	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
36	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
37	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
38	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
39	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
40	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
41	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
42	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
43	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
44	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
45	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
46	QV	Quercus virginiana	Southern Live Oak	Grand	C-4	34	(C-B-B)	C	Preserved
47	QL	Quercus laurifolia	Laurel Oak	Grand	C-5	40	(C-C-D)	C	Preserved
48	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
49	QV	Quercus virginiana	Southern Live Oak	Grand	C-7	56	(C-C-C)	C	Preserved
50	QV	Quercus virginiana	Southern Live Oak			18	(C-C-C)	C	Preserved
51	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
52	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
53	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
54	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
55	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
56	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
57	QV	Quercus virginiana	Southern Live Oak			24	(B-C-C)	C	Preserved
58	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
59	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
60	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
61	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
62	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
63	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
64	QV	Quercus virginiana	Southern Live Oak			26	(C-C-C)	C	Preserved
65	QV	Quercus virginiana	Southern Live Oak			23	(C-C-C)	C	Preserved
66	QV	Quercus virginiana	Southern Live Oak			8	(C-C-C)	C	Preserved
67	QV	Quercus virginiana	Southern Live Oak	Grand	C-5	34	(C-C-C)	C	Preserved
68	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
69	QL	Quercus laurifolia	Laurel Oak	Grand	B-7	37	(B-B-A)	B	Preserved
70	QV	Quercus virginiana	Southern Live Oak			11	(C-C-C)	C	Preserved
71	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
72	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
73	QV	Quercus virginiana	Southern Live Oak			18	(B-B-B)	B	Preserved
74	QL	Quercus laurifolia	Laurel Oak			18	(B-B-B)	B	Preserved
75	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
76	QL	Quercus laurifolia	Laurel Oak			24	(C-C-C)	C	Preserved
77	QL	Quercus laurifolia	Laurel Oak			21	(B-C-C)	C	Preserved
78	AL	Albizia julibrissin	Mimosa				(--)	Y	Preserved
79	ST	Schinus terebinthifolius	Brazilian Pepper				(--)	Y	Preserved
80	AL	Albizia julibrissin	Mimosa				(--)	Y	Preserved
81	AL	Albizia julibrissin	Mimosa				(--)	Y	Preserved
82	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
83	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
84	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
85	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
86	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
87	QV	Quercus virginiana	Southern Live Oak			28	(B-B-B)	B	Preserved
88	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
89	QV	Quercus virginiana	Southern Live Oak			18	(B-C-D)	C	Preserved
90	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
91	QV	Quercus virginiana	Southern Live Oak			12	(C-B-D)	D	Preserved
92	QV	Quercus virginiana	Southern Live Oak			23	(C-B-B)	C	Preserved
93	SP	Sabal palmetto	Cabbage Palm			9	(--)	B	Preserved
94	QV	Quercus virginiana	Southern Live Oak			9	(C-C-F)	F	Preserved
95	QV	Quercus virginiana	Southern Live Oak			21	(B-C-C)	C	Preserved
96	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
97	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
98	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
99	QV	Quercus virginiana	Southern Live Oak			23	(B-C-C)	C	Preserved
100	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
101	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
102	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
103	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
104	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
105	QV	Quercus virginiana	Southern Live Oak	Grand	C-6	36	(C-B-C)	C	Preserved

106	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
107	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
108	QV	Quercus virginiana	Southern Live Oak			18	(B-B-C)	C	Preserved
109	QV	Quercus virginiana	Southern Live Oak			26	(D-C-C)	D	Preserved
110	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
111	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
112	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
113	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
114	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
115	QV	Quercus virginiana	Southern Live Oak			22	(B-C-C)	C	Preserved
116	QV	Quercus virginiana	Southern Live Oak	Grand	C-5	46	(B-B-D)	C	Preserved
117	QV	Quercus virginiana	Southern Live Oak			27	(B-B-B)	B	Preserved
118	QV	Quercus virginiana	Southern Live Oak			14	(B-C-D)	C	Preserved
119	QV	Quercus virginiana	Southern Live Oak			16	(B-C-C)	C	Preserved
120	QV	Quercus virginiana	Southern Live Oak	Grand	B-4	39	(B-C-B)	B	Preserved
121	QV	Quercus virginiana	Southern Live Oak			30	(B-C-C)	C	Preserved
122	QV	Quercus virginiana	Southern Live Oak			22	(C-C-C)	C	Preserved
123	QV	Quercus virginiana	Southern Live Oak			24	(C-B-C)	C	Preserved
124	QV	Quercus virginiana	Southern Live Oak			29	(C-C-C)	C	Preserved
125	QV	Quercus virginiana	Southern Live Oak			27	(C-C-C)	C	Preserved
126	QV	Quercus virginiana	Southern Live Oak			25	(D-C-F)	D	Preserved
127	QV	Quercus virginiana	Southern Live Oak	Grand	C-5	42	(C-C-C)	C	Preserved
128	QV	Quercus virginiana	Southern Live Oak	Grand	C-4	33	(B-C-C)	C	Preserved
129	QV	Quercus virginiana	Southern Live Oak	Grand	C-4	32	(C-B-C)	C	Preserved
130	XX	(n/a)	Excluded or Reserved				(--)	C	Preserved
131	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
132	AL	Albizia julibrissin	Mimosa				(--)	Y	Preserved
133	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
134	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
135	QV	Quercus virginiana	Southern Live Oak			21	(B-B-C)	C	Preserved
136	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
137	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
138	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
139	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
140	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
141	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
142	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
143	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
144	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
145	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
146	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
147	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
148	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
149	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
150	SP	Sabal palmetto	Cabbage Palm				(--)	A	Preserved
151	QV	Quercus virginiana	Southern Live Oak			7	(D-C-F)	F	Preserved
152	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
153	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
154	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
155	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
156	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
157	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
158	SP	Sabal palmetto	Cabbage Palm				(--)	C	Preserved
159	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
160	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
161	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
162	SP	Sabal palmetto	Cabbage Palm				(--)	B	Preserved
163	UAM	Ulmus americana	American Elm			6	(B-C-B)	C	Preserved

GRAND TREE SUMMARY TABLE:

Num	Disposition	Symbol	Botanical Name	DBH	Hazard	CR-HAZ	N-S	E-W	CS	CF	SR	Diminution	RCF	Credits	Debits
5	Preserved	QV	Quercus virginiana	32	non	B-6	70	65	67.5	3578.5	0.9	0.9	2898.6	-18.7	0.0
9	Preserved	QV	Quercus virginiana	40	non	B-4	64	59	61.5	2970.6	0.9	0.9	2406.2	-15.5	0.0
14	Preserved	QV	Quercus virginiana	54	non	B-5	90	101	95.5	7163.0	0.9	0.9	5802.0	-37.4	0.0
20	Preserved	QL	Quercus laurifolia	42	non	C-4	74	57	65.5	3369.6	0.7	0.8	1769.0	-11.4	0.0
25	Preserved	QL	Quercus laurifolia	43	non	C-6	84	72	78.0						

Section 14 - Township 29 South - Range 18 East Hillsborough County, Florida



Notes

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- Survey based on monumentation found acceptable.
- Neither interior fences, structures, nor improvements, either above or below ground, have been located as part of this survey, except as shown.
- This survey consists of two (2) sheets, each incomplete without the others.

Legend

- (M) Measured
- (C) Calculated
- (D) Description
- (PD) Proposed description
- (P) Plat
- (S) City of Tampa Public Works Department survey, E-2F-112, dated 5/24/1964
- CIR Capped iron rod
- IP Iron pipe
- PIP Pinched iron pip
- IR Iron rod
- CM Concrete monument
- FND Found
- R/W Right-of-way
- OR Official Records book, Public Records of Hillsborough County
- EOL East of line
- NOL North of line
- SOL South of line
- WOL West of line
- PC Point of curvature
- PT Point of tangency
- PRC Point of reverse curve
- POC Point on curve
- ID Identification
- COT City of Tampa
- Found monumented as shown
- ⊙ Set 5/8" iron rod and cap "City of Tampa T. & S.S."
- ⊗ Set MAG nail & disk "City of Tampa T. & S.S. Survey"

PRELIMINARY

REVISIONS

DESCRIPTION	DATE
1	
2	
3	
4	
5	
6	

SURVEYOR'S CERTIFICATE

THIS CERTIFIES THAT A SURVEY OF THE PROPERTY DEPICTED HEREON WAS MADE UNDER MY SUPERVISION AND MEETS THE STANDARDS OF PRACTICE SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

CLARENCE WADE, III
FLORIDA PROFESSIONAL LAND SURVEYOR, CERTIFICATE NO. 4383

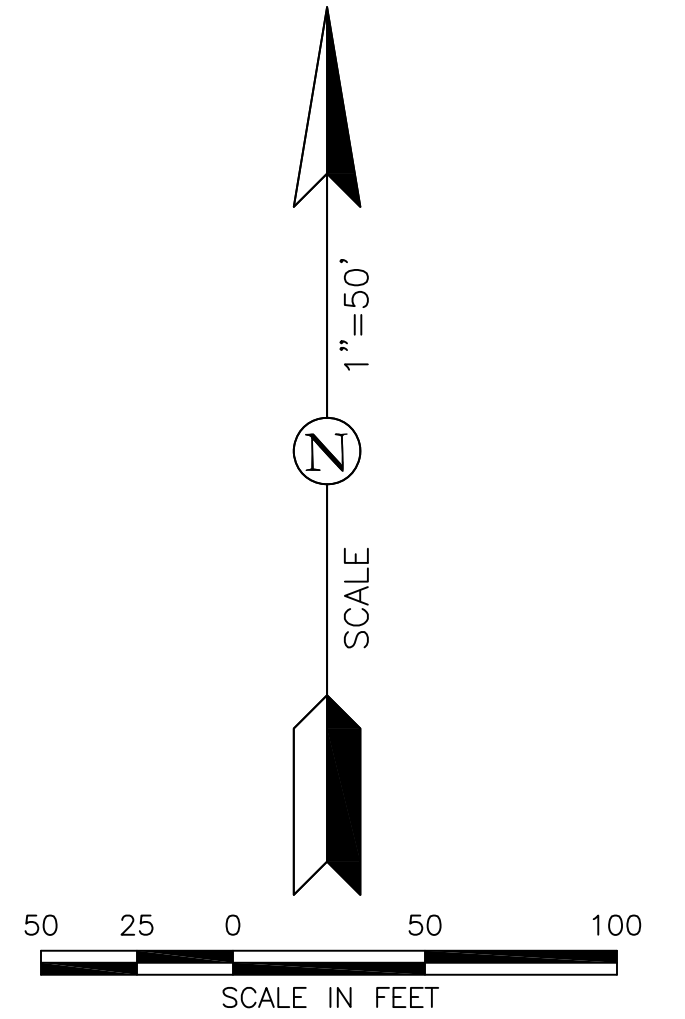
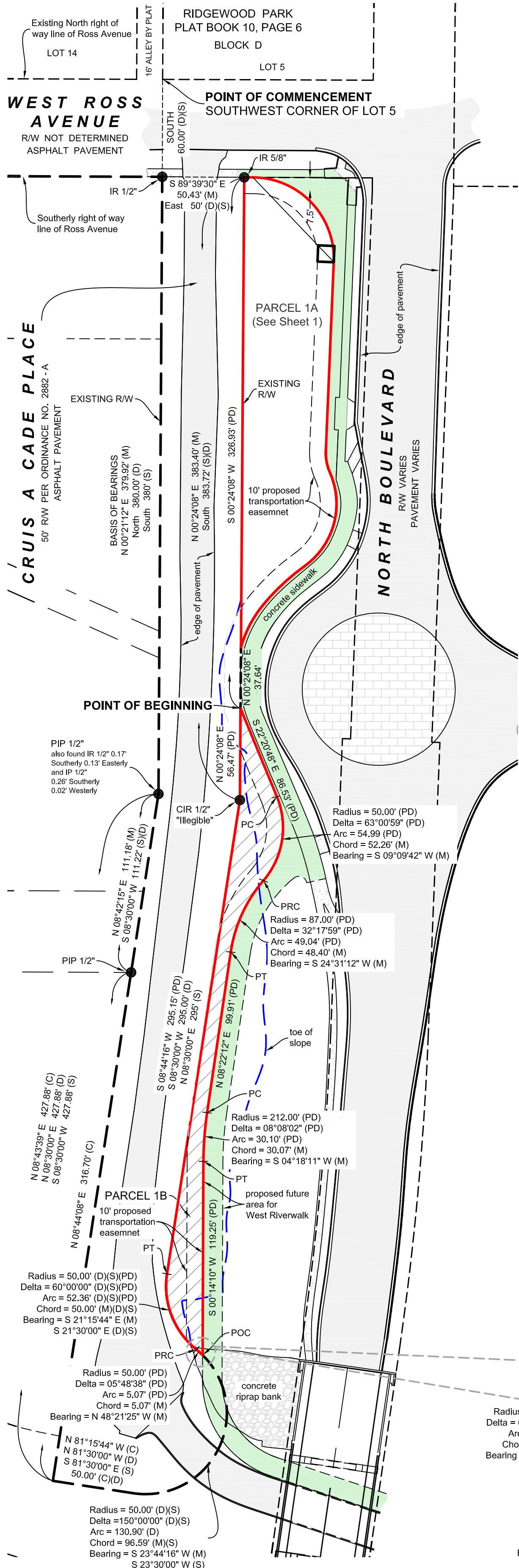
UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS MAP/REPORT IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.

CITY OF TAMPA, FLORIDA
MOBILITY DEPARTMENT
SURVEY SECTION
3808 EAST 26TH AVENUE
TAMPA, FLORIDA
(813) 635-3430

SKETCH OF DESCRIPTION

SECTION 14, TOWNSHIP 29 S. RANGE 18 E.
HILLSBOROUGH COUNTY, FLORIDA
DATE OF LAST FIELD WORK: N/A
DRAWN BY: SURVEY SECTION DRAFTING - KJ
FIELD BOOK: N/A
DRAWING FILE: North Blvd Bridge_Parcels 1A_1B.dwg
SHEET NO. 1 OF 2

Section 14 - Township 29 South - Range 18 East Hillsborough County, Florida



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SHEET NO. 2 OF 2