

THE CITY OF WALTHAM  
MASSACHUSETTS

PURCHASING DEPARTMENT

# Construction of the Lazazzero Park and Monsignor McCabe Playground

**ADDENDUM NO. 5**

December 15, 2011

## CHANGES, CORRECTIONS AND CLARIFICATIONS

The attention of bidders submitting proposals for the above subject project is called to the following addendum to the specifications. The items set forth herein, whether of omission, addition, substitution or clarification are all to be included in and form a part of the proposal submitted.

THE NUMBER OF THIS ADDENDUM (**NO. 5**) MUST BE ENTERED IN THE APPROPRIATE SPACE PROVIDED AT THE END OF THE SCHEDULE OF VALUES PAGE.

### ITEM NO.: 1      ANSWERS TO POSED QUESTIONS:

1. Question: On sheet S.02 the detail displays an 8" crushed stone base beneath the boat ramp treads. For the bid, can we assume that 8" of excavation will be sufficient to obtain a suitable sub base before spreading the 8" crushed stone base?

**Answer: We anticipate a suitable sub base in this area. However, Excavation will be required to achieve proposed grades and additional excavation may be required to obtain a suitable sub base.**

2. Question: On sheet S.02, at the limits of the boat ramp the high mean water table level scales out to 3' 2" from the top of the precast tread. Is this accurate?

**Answer: This is assumed based on the topography.**

3. Question: Drawing M-GD1 labels the sub drain trench but doesn't indicate a size or type of pipe to be placed in the trench. What size is the pipe? Is the pipe perforated?

**Answer: 6" perforated pipe.**

4. Question: Please provide rim and invert elevations for the two (2) 18" dia DMH on drawing M-GD1.

Answer: Southern DMH RIM: 58.3 (meet existing grade, verify in field)  
INV: 55.28 (both)

Northern DMH RIM: 57.00 (meet existing grade, verify in field)  
INV: 55.1 (both)  
Connection to existing DMH INV 54.86

5. Question: Drawing M-EN1 shows a different type of fencing along Candance Ave but is not labeled. What type of fencing is this?

Answer: This is wood guard rail.

6. Question: Original documents called for fiberglass collar at exposed portion of the fish pier. Addendum released today indicates a fiberglass wrapped creosote pile. Addenda conflicts with detail on S.01 Please confirm the extent and thickness of fiberglass wrap.

Answer: DELETE the fiberglass and creosote wrap from the project, see answer to question 7 below.

7. Question: Please confirm that creosote is allowed in the Commonwealth of Massachusetts.

Answer: According to the Massachusetts Department of Environmental Protection (DEP) Small Docks and Piers Guide, dated November 2003, Creosote wood preservatives shall not be used in aquatic environments. Therefore based on the type of wood required for the Piles in the 02459 TIMBER PILES SPECIFICATION we recommend using a Copper Chromated Arsenic (CCA) pressure treatment for the piles. The MA DEP Small Docks and Piers Guide establish that this preservation treatment is allowed for use as piling for docks or piers. The pile treatment shall follow the AWPA U1 (Commodity Specification e, Use Category 4C) Standards for round timber elements and an appropriate post treatment procedure to maximize fixation of the preservative.

8. Question: L-LM1 – Bleacher No 3. – does this receive a new canopy?

Answer: No. Refer to sheet L-LM1

9. Question: M-GD1 – What size pipe & type runs from behind South backstop at 18" D.I. to 24" D.I. at infiltration system?

Answer: The size of the pipe shall be 6" dia. perforated pipe.

10. Question: M-GD1/Detail 1/DT02 – Are feed connectors required between all chambers?

Answer: They are just required on the beginning and end chambers.

11. Question: M-GD1/4 DT.02 – Please confirm all Rim/Inverts and sumps on all Nyloplast drain basins so we can accurately determine overall height.

Answer: The 12" dia. drain inlets shall be 3" below top of curb. Invert shall be 2.5' below finished grade.

12. Question: M-GD1 – What is invert of 8" solid pipe at connection to existing MH?

Answer: See answer to question 4 above.

13. Question: M-GD1 – Need detail of drop inlet at infiltration system

Answer: The inlet shall be solid HDPE pipe with a grate installed per underground stormwater storage system manufacturer's requirements.

14. Question: M-GD1/DT.02 What is bottom elevation of subgrade under the infiltration system?

Answer: This will depend on the system used and can be calculated from the detail. Contractor to provide appropriate excavation required by manufacturer of selected system at no additional cost to the owner.

15. Question: L-GD1 – At install new external sewer drop are we only providing a drop for the inv 200.4 pipe? What type of pipe is it? Where is the next SMH upstream from there? Can we plug or do we have to by pass?

Answer: Yes, this can be plugged and no bypass is required. The next upstream structure is a catch basin in the splash pad which is used seasonally.

16. Question: L-GD1 – Are overflow structure/cleanout actually area drains? Please tell us what size and type

Answer: Refer to Detail 8 sheet DT.02 and Detail 5 sheet DT.02 These are clean out structures with a mesh steel grate to create an overflow structure.

17. Question: L-GD1 – What is the invert of the 6" pipe at the dog housed DMH?

Answer: It is approximately 196. Contractor to confirm in field.

18. Question: Is it expected that all spoils from excavations at Lazazzaro can be used as fill onsite to construct berms?? Should we anticipate and export of materials?

Answer: Excavated material can be used on site. The excavated material must be suitable material that meets the specification.

19. Question: At McCabe are we completely removing the existing outfield fence and replacing with a new 6' BVCLF fence?

**Answer: Yes. Remove and dispose of existing fence and replace with new fence.**

20. Question: What is the dark line adjacent to the wood guardrail along Candace Avenue on sheet M-LM1?

**Answer: Omit this line**

21. Question: On addendum 3 question 29 someone asked the following question: There is an indication of a bituminous pavement walkway outside the guardrail on drawing M-EN1, but not as to the limits to be replaced. Is the entire walkway along the east side to be replaced? The response was as follows: Answer: Yes, the walkway is an entirely new walkway and not a replacement. Meet and match the existing walkway at both ends. There is a bold black line that scales to approximately 44' (right above the scale). Is this an indication of new curb that we will have to be installing and if so will it be granite or precast?

**Answer: No, omit this line.**

22. Question: Does the approximately 88' of existing 4' CLF get replaced along the first base side of the baseball field on sheet M-EN1? It seems all the other fencing on this field is being replaced but I don't see anything on either this sheet or on M-LM1. Please clarify

**Answer: Yes, R&D the existing fence. Install new 6" Ht. BVCL fence along same line as existing fence.**

23. Question: On sheet M-LM1 and M-EN1 there is a bold line (it scales to approximately 104' long) shown adjacent to the guardrail on Candace Avenue. What does this line represent?

**Answer: Omit this line.**

24. Question: On sheets M-LM1 and sheet M-EN1 on Candace Avenue at the corner of Charlotte Road there is a symbol that appears to be the same symbol as the guardrail shown elsewhere on the sheet. This symbol is different here. Is this the same guardrail or is this something else?

**Answer: Yes, it is wood guard rail.**

25. Question: We have a question regarding this project. Are the parking areas and the basketball courts at Lazazzero park standard bituminous asphalt pavement or are they pervious asphalt pavement?

**Answer: The courts and parking areas are standard asphalt pavement. Refer to sheet L-LM1**

**ITEM NO.: 2**      **CLARIFICATIONS**

1. All fence painting shall comply with the following:

1. Provide complete list of the coating materials proposed for use, both factory and job mixed, to Landscape Architect before commencing any work. Provide manufacturer's name, product name and product line number for each material. Provide manufacturer's technical data sheet for each coating giving descriptive data, curing time, mixing, thinning, and application instructions, and shelf life. Shop Primed Metal: Hand or Power Tool Clean field connections, welds, burned and abraded areas to remove rust and contaminants and touch up with specified primer before further rusting occurs in accordance with SSPC-SP2 and SSPC-SP3.

2. Remove white rust by hand or power brushing. Remove rust from old galvanized steel in accordance with SSPC-SP2 and SSPC-SP3. Exercise care not to damage or remove galvanizing.

3. Tnemec paint products have been selected to establish a level of quality or submit approved equal.

4. Paint for Steel Fencing: The following products of the Tnemec Company, Inc., Amercoat, Carboline, or approved substitute. Finish coat must be compatible with prime coats.

5. Prime Coat material for Galvanized Steel: Tnemec-Zinc, Series 90-97, Amercoat, Carboline, or approved equal conforming to the following requirements:

- a. Type: One package organic epoxy zinc rich primer.
- b. Metallic zinc content by weight in dry applied film: 83% minimum.
- c. Dry time: 60 minutes @ 75 degrees F.
- d. Recoat time: 4 hours @ 75 degrees F.
- e. Minimum Temperature: Surface temperature of 40 degrees F. and 5 degrees F. above dew point.

6. Finish Coat material: Tnemec Series 73 Endura-Shield Amercoat, Carboline, or approved equal conforming to the following requirements:

- a. Type: 100% acrylic.
- b. Gloss: Semi-gloss.
- c. Dry time: 30 minutes @ 75°F.
- d. Recoat Time: 2 hours @ 75°F.
- e. Minimum Temperature: Surface temperature of 50° F. and 5° F. above dew point.

7. Application: Brush or spray application. Brush application only for touch up areas for finish coat.

**8. Dry Film Thickness- Mils**

Prime Coat 2.5-3.5

Finish Coat [High Build] 3.0-5.0

Total Dry Film Thickness 5.5-8.5

For best results, use product when surface and air temperatures are between 50-90°F (10-32°C).

Do not apply if temperature is below 50°F or if rain or heavy dew is expected within 24 hours.

Avoid applying in direct sunlight to a hot surface. If temperature exceeds 90°F, hose down surface and allow drying to a damp condition before painting.

**9. Color shall be gloss black (gloss level G6)**

10. Exercise great care not to deface adjacent work. Cover or otherwise protect surfaces not being painted concurrently or not to be painted and the finished work of other trades.

11. Remove all equipment, materials and debris caused by work of this Section and leave the site of the work in a clean condition insofar as this work is concerned. Rectify any damage to adjacent work caused by painting operations. Touch up and restore finishes where damaged. Remove spilled, splashed or spattered paint from all surfaces. Repaint entire item where portion of finish has been damaged or is unacceptable.

2. At Monsignor McCabe Playground the storage capacity of the Underground storm water storage chambers is 8,481 CF including stone. The storage capacity of 14,688 indicated on sheet M-GD1 includes surface storage.

3. At Lazazzero on sheet L-LM1. The contractor shall replace 3 missing stair treads on the stairs at the southwestern corner of the site. Salvaged treads from the existing R&D wall may be used.

**END OF ADDENDUM 5**