Avon Parks – Burnett Park and Winton Meadows Park Addendum 01

DATE: Tuesday, February 17, 2026

PROJECT NAME: **Burnette Park and Winton Meadows Park**

ATTACHMENTS: Plan Holder List, Specification 31 2000 Earth Work

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This Addendum forms part of the Contract Documents for the Project and contains clarifications and revisions to the Contract Documents.

The information contained herein modifies the original Bidding Documents and all prior Addenda as applicable. Requirements of the original Bidding Documents and previous Addenda remain in effect except as modified by this Addendum.

Bidders must acknowledge receipt of all Addendum on the Bid form. Failure to acknowledge receipt of this Addendum may subject Bidder to disqualification.

The extent of this addendum is as follows:

PHONE, EMAIL, PRE-BID QUESTIONS, RESPONSES, AND CLARIFICATIONS

1) **Question:** Can you share the plan holder list?

   Response: See the attached plan holder list as of 02/17/2026. All interested bidders can find the updated Plan Holder List by visiting Eastern Planning Online Plan Room.

2) **Question:** What is the spec or detail for the length of the eye bolt located in the Hammock Grove Timbers?

   Response: No eye bolts required. We will reissue drawings in Addenda #2 to reflect this change.

3) **Question:** What type of coating is to be used at the top of the timbers at the Hammock Grove?

   Response: Exterior grade water-based paint with a properly applied primer, high uv resistnace and moisture content of 12-15%. Kiln dry or air dry lumber after treatment before applying paint.

4) **Question:** Please clarify what reinforcement is required for Key P6 table?

   Response: Refer to Specification 32 15 43

5) **Question:** Detail #6 for Aggregate Pavement for the stabilized shows some pins, but there is no call out. Please clarify.

   Response: Refer to Gravel Pave2 Product and Manufacturer's Requirements.

6) **Question:** Per drawing L518 the wood floor should be installed perpendicular of the joist, so the floor is supported by the joists. Please clarify.

   Response: Design intent is for the wood floor to be perpendicular to the joists. We will reissue drawings in Addenda #2.

7) **Question:** Drawing L107 Add Alternate 4 call for P4 (Asphalt Trail Det 5/L500) both sides of the boardwalk, but sheet L522 Boardwalk Overall Plan call for detail 4 both sides which call for concrete walk. Please clarify what material and detail to be used.

   Response: Asphalt to on the walks on either side of the boardwalk. Refer to Detail 5/L500, Asphalt Trail for the paving material.

8) **Question:** Please clarify the limits of sitework for Alternate 2 and Alternate 3, is this only for the walk areas?

   Response: Site work to extend to the mown turf buffer extent.

9) **Question:** Spec book refers to Division 31 Earthwork but is missing.

   Response: See Attached Spec 31 20 00 Earth Moving

10) **Question:** Does this job require prevailing wage or Davis Bacon?

    Response: No.

11) **Question:** Sheet L101 Reference Key notes "C" Civil Engineering feature. But there no detail in the plans. Please clarify.

    Response: Refer to Civil Engineering sheet set for materials, layout and specifications of items labeled as "Civil Engineering Features".

12) **Question:** Sheel L101 Reference Pavements "P1 Concrete Pavement Det 2 &3 call for Fiber but also call for integral curb with wire reinforcement. Please clarify what detail to use.

    Response: Basis of design to be fiber reinforced concrete.

13) **Question:** Sheet L520 detail 1 2 Rail Fence. Where is located?

    Response: Refer to Sheet L100, S7

14) **Question:** Plan sheet L520 detail #1 2 Rail Fence call for 6 feet separation between posts, but Section 32 31 23 Plastic Fencing sail post separation set to 9 feet apart. Please clarify separation.

    Response: Refer to details as basis of design.

15) **Question:** Plan sheet L520 detail #1 2 Rail Fence call for a 5' 9" high fence but section 32 31 23 Plastic fencing call for 7 feet high. Please clarify.

    Response: Refer to details as basis of design.

16) **Question:** Please clarify how much above ground need to be installed the 2 Rail Fence shown in L520 drawing.

    Response: 3'

17) **Question:** Please provide a plan view for the Bioswale Weir area. That show the location of the stones.

    Response: Stones are to be located on either side of each weir; there are two weirs shown within the path; Refer to Detail 1/L515.

18) **Question:** What is dept of the water line passing under the asphalt areas?

Response: Standard depth for water line is 5', but should be confirmed with the water company standards.

19) **Question:** Please provide specs for HDPE Pipe.

Response: See C003. Storm Sewer item B1

20) **Question:** Please provide specs for RCP pipe.

Response: See C003. Storm Sewer item B3.

21) **Question:** Please provide specs for Underdrain Pipe.

Response: See C003. Storm Sewer item B2. See also Pavement Underdrain Detail C600.

22) **Question:** Please provide specs for Mitter Ens Sections.

Response: Detail will be added to plans. Specified on C003 Storm Sewer Item B11.

23) **Question:** Please clarify the invert elevations of the drainage pipe. The Storm STR 101 Inv is 829 that means the top of the pipe is 830, but Bottom of curb is 830.46, this pipe has to clear the underdrain and the Bottom of the asphalt base. Please clarify elevations of pipe and grading elevations.

Response: Pipe will be lowered on next revision.

24) **Question:** Drawing C200 under Site Legend call out " Right of Way Asphalt Pavement, refer to Town of Avon Construction Standards", but under their standards there are several, asphalt sections. Please indicate which section to use.

Response: Dan Jones is a Primary Arterial. Confirm with geotechnical engineer for subgrade treatments.

25) **Question:** Sheet C602 Site Details, 2' Sidewalk Flume. Section A-A. Please clarify the scale.

Response: Details are not to scale. See dimensions on detail.

26) **Question:** Please provide the location of the sewer manhole that contain the GP HydraFlow Drop shown in sheet C601.

Response: GP HydraFlow Drop was requested to be used per the sanitary utility company. It should be installed at the existing manhole where the lateral connects to the main.

27) **Question:** 4809 Fire Resistant Barritech - vapor barrier substitution

Response: Acceptable.

28) **Question:** What is the budget?

Response: Budget is not being released.

29) **Question:** When can work start and needs to be completed?

Response: Work to be awarded on or before March 30th. Work must be completed by October 1, 2026 except for any required native restoration dormant seeding, and January 31st, 2027 for the entire project

ISSUED SPECIFICATION REVISIONS

1) **31 20 00 - Earth Moving**

ISSUED DRAWING REVISIONS

1) **None at this time**

END OF ADDENDUM #1

Avon Parks - Burnett Park And Winton Meadows Park

Plan Holders

Company Information	CSI Codes	Contact Information	Status Date Filled	Delivery Method Tracking Number	Bid Categories
ConstructConnect 3825 Edwards Rd. Ste 800 Cincinnati, OH 45209	01006 - Plan Rooms	Megan Anderson (800) 364-2059	Filled 2/4/2026	Pickup - N/A (Downloads or Other)	Subcontractor/Supplier
Context Design 5825 Lawton Loop East Drive Indianapolis, IN 46216	Subcontractor	Joe Mayes (317) 485-6900	Filled 1/30/2026	Delivery - Eastern Engineering-Ft Wayne Office	(C) Eastern Engineering Use Only
Davey Resource Group Inc. 3605 Gagnon Street South Bend, IN 46628	00 00 00-General Contractor	Clay Kusbach (574) 201-7433	Filled 2/9/2026	Pickup - N/A (Downloads or Other)	Subcontractor/Supplier
Eastern Engineering - Fishers 9901 Allisonville Road Fishers, IN 46038	Reprographics	Fishers Plan Room Services (317) 598-0661	Filled 1/30/2026	Pickup - N/A (Downloads or Other)	(C) Eastern Engineering Use Only
Mattcon General Contractors Inc. 5460 West 84th Street Indianapolis, IN 46268	00 00 00-General Contractor	Chuck Penaflor (317) 872-4700	Filled 2/10/2026	Pickup - N/A (Downloads or Other)	BIDDER
Pace Contracting, LLC 15415 Shelbyville Rd Louisville, KY 40245	00 00 00-General Contractor	Kris Smith (502) 815-4142	Filled 2/2/2026	Pickup - N/A (Downloads or Other)	BIDDER
Patterson Horth 5745 Progress Rd. Indianapolis, IN 46241	00 00 00-General Contractor	Jacob Jeffries (317) 243-6104	Filled 2/4/2026	Pickup - N/A (Downloads or Other)	BIDDER
R Chavez Construction Company Inc. 1811 Executive Drive Suite O Indianapolis, IN 46241	00 00 00-General Contractor	Brian Chavez (317) 584-3746	Filled 2/11/2026	Pickup - N/A (Downloads or Other)	BIDDER
RLTurner Corporation 1000 West Oak Street Zionsville, IN 46077	00 00 00-General Contractor	Ron Lubbehusen (317) 873-2712	Filled 2/16/2026	Pickup - N/A (Downloads or Other)	BIDDER
Smock Fansler Corporation 2910 W Minnesota St Indianapolis, IN 46241	00 00 00-General Contractor	Dia Donoho (317) 248-8371	Filled 1/30/2026	Pickup - N/A (Downloads or Other)	BIDDER

If you need assistance with the plan room please contact Eastern Engineering here or call Eastern Engineering Fishers at (317) 598-0661.

SECTION 312000 - EARTH MOVING

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following:
   1. Preparing subgrades for slabs-on-grade, walks, pavements, lawns and grasses and exterior plants.
   2. Excavating and backfilling for buildings and structures.
   3. Drainage course for slabs-on-grade.
   4. Subbase course for concrete walks and pavement.
   5. Subbase and base course for asphalt paving.
   6. Excavating and backfilling for utility trenches.

1.2 DEFINITIONS

A. Backfill: Soil material used to fill an excavation.
   1. Initial Backfill: Backfill placed beside and over pipe in a trench, including haunches to support sides of pipe.
   2. Final Backfill: Backfill placed over initial backfill to fill a trench.

B. Base Course: Course placed between the subbase course and hot-mix asphalt paving.

C. Bedding Course: Course placed over the excavated subgrade in a trench before laying pipe.

D. Borrow Soil: Satisfactory soil imported from off-site for use as fill or backfill.

E. Drainage Course: Course supporting the slab-on-grade that also minimizes upward capillary flow of pore water.

F. Planting Soil: Imported soil blended with existing topsoil with a minimum of 12” of depth in planting areas and 6” of depth in lawn areas. Planting soil mix shall be reviewed and approved by Landscape Architect. Contractor to submit planting soil composition to Landscape Architect for review prior to placement.

G. Excavation: Removal of material encountered above subgrade elevations and to lines and dimensions indicated.
   1. Authorized Additional Excavation: Excavation below subgrade elevations or beyond indicated lines and dimensions as directed by Landscape Architect or Owner. Authorized additional excavation and replacement material will be paid for according to Contract provisions changes in the Work.
   2. Unauthorized Excavation: Excavation below subgrade elevations or beyond indicated lines and dimensions without direction by Landscape Architect or Owner. Unauthorized excavation, as well as remedial work directed by Landscape Architect or Owner, shall be without additional compensation.

H. Fill: Soil materials used to raise existing grades.

I. Structures: Buildings, footings, foundations, retaining walls, slabs, tanks, curbs, mechanical and electrical appurtenances, or other man-made stationary features constructed above or below the ground surface.

J. Subbase Course: Course placed between the subgrade and base course for hot-mix asphalt pavement, or course placed between the subgrade and a cement concrete pavement or a cement concrete or hot-mix asphalt walk.

K. Subgrade: Surface or elevation remaining after completing excavation, or top surface of a fill or backfill immediately below subbase, drainage fill, or topsoil materials.

L. Utilities: On-site underground pipes, conduits, ducts, and cables, as well as underground services within buildings.

1.3 PROJECT CONDITIONS

A. Existing Utilities: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted in writing by the Landscape Architect and then only after arranging to provide temporary utility services according to requirements indicated.

PART 2 - PRODUCTS

2.1 SOIL MATERIALS

A. General: Provide borrow soil materials when sufficient satisfactory soil materials are not available from excavations. All soil materials to be imported to the site (excluding aggregate materials brought onsite from a commercial facility) must be tested by the site owner's representative for environmental compliance prior to import. Soil planned for import must be identified to owner's representative at least 21 days prior to import.

B. Satisfactory Soils: ASTM D 2487 Soil Classification Groups GW, GP, GM, SW, SP, and SM AASHTO M 145 Soil Classification Groups A-1, A-2-4, A-2-5, and A-3, or a combination of these groups; free of rock or gravel larger than 3 inches (75 mm) in any dimension, debris, waste, frozen materials, vegetation, and other deleterious matter.

C. Unsatisfactory Soils: Soil Classification Groups GC, SC, CL, ML, OL, CH, MH, OH, and PT according to ASTM D 2487 A-2-6, A-2-7, A-4, A-5, A-6, and A-7 according to AASHTO M 145, or a combination of these groups.
   1. Unsatisfactory soils also include satisfactory soils not maintained within 2 percent of optimum moisture content at time of compaction.

D. Subbase Material for Site Work: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 90 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 12 percent passing a No. 200 (0.075-mm) sieve.

E. Base Course Subbase Material for Site Work: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 95 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 8 percent passing a No. 200 (0.075-mm) sieve.

F. Engineered Fill Material for Site Work: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; with at least 90 percent passing a 1-1/2-inch (37.5-mm) sieve and not more than 12 percent passing a No. 200 (0.075-mm) sieve.

G. Bedding Course Material for Site Work: Naturally or artificially graded mixture of natural or crushed gravel, crushed stone, and natural or crushed sand; ASTM D 2940; except with

100 percent passing a 1-inch (25-mm) sieve and not more than 8 percent passing a No. 200 (0.075-mm) sieve.

H. Drainage Course Material for Site Work: Narrowly graded mixture of crushed stone, or crushed or uncrushed gravel; ASTM D 448; coarse-aggregate grading Size 57; with 100 percent passing a 1-1/2-inch (37.5-mm) sieve and 0 to 5 percent passing a No. 8 (2.36-mm) sieve.

2.2 ACCESSORIES

A. Warning Tape: Acid- and alkali-resistant polyethylene film warning tape manufactured for marking and identifying underground utilities, 6 inches (150 mm) wide and 4 mils (0.1 mm) thick, continuously inscribed with a description of the utility.

2.3 AGGREGATES FOR CONCRETE PAVING

A. Coarse Aggregate: ASTM D 692, sound; angular crushed stone, crushed gravel, or cured, crushed blast-furnace slag.

B. Fine Aggregate: ASTM D 1073 sharp-edged natural sand or sand prepared from stone, gravel, cured blast-furnace slag, or combinations thereof.

C. Aggregates below concrete pavement to be free flowing to allow for the percolation of water to trench drains and infiltration trench. Contractor to provide #8 stone clean and free of mud and debris. Void spaces shall achieve 40% porosity.

PART 3 - EXECUTION

3.1 PREPARATION

A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.

B. Preparation of subgrade for earthwork operations including removal of vegetation, topsoil, debris, obstructions, and deleterious materials from ground surface is specified in Division 31 Section "Site Clearing."

C. Protect and maintain erosion and sedimentation controls, which are specified in Division 31 Section "Site Clearing." during earthwork operations.

3.2 EXCAVATION

A. Unclassified Excavation: Excavate to subgrade elevations regardless of the character of surface and subsurface conditions encountered. Unclassified excavated materials may include rock, soil materials, and obstructions. No changes in the Contract Sum or the Contract Time will be authorized for rock excavation or removal of obstructions.
   1. If excavated materials intended for fill and backfill include unsatisfactory soil materials and rock, replace with satisfactory soil materials.
   2. The excavation contractor should be prepared to encounter bedrock in excavations that extend about 6.5 feet below surface. Refer to the boring logs provided in the Geotechnical Report by K&S Engineering (dated 5/2/22; project 13544). Specialized equipment such as rock ripping, hammering, etc. equipment may be needed. Refer to recommendations of Geotechnical Report.

3.3 EXCAVATION FOR STRUCTURES

A. Excavate to indicated elevations and dimensions within a tolerance of plus or minus 1 inch (25 mm). If applicable, extend excavations a sufficient distance from structures for placing and removing concrete formwork, for installing services and other construction, and for inspections.
   1. Excavations for Footings and Foundations: Do not disturb bottom of excavation. Excavate by hand to final grade just before placing concrete reinforcement. Trim bottoms to required lines and grades to leave solid base to receive other work.

3.4 EXCAVATION FOR WALKS AND PAVEMENTS

A. Excavate surfaces under walks and pavements to indicated lines, cross sections, elevations, and subgrades.

3.5 EXCAVATION FOR UTILITY TRENCHES

A. Excavate trenches to indicated gradients, lines, depths, and elevations.

B. Excavate trenches to uniform widths to provide the following clearance on each side of pipe or conduit. Excavate trench walls vertically from trench bottom to 12 inches (300 mm) higher than top of pipe or conduit, unless otherwise indicated.
   1. Clearance: A minimum of 12 inches (300 mm) each side of pipe or conduit.

C. Trench Bottoms: Excavate and shape trench bottoms to provide uniform bearing and support of pipes and conduit. Shape subgrade to provide continuous support for bells, joints, and barrels of pipes and for joints, fittings, and bodies of conduits. Remove projecting stones and sharp objects along trench subgrade.
   1. Excavate trenches 6 inches (150 mm) deeper than elevation required in rock or other unyielding bearing material, 4 inches (100 mm) deeper elsewhere, to allow for bedding course.

3.6 UTILITY DEMOLITION

A. Locate, identify, disconnect, and seal or cap off utilities indicated to be removed.
   1. Arrange with utility companies to shut off indicated utilities.

B. Existing Utilities: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after arranging to provide temporary utility services according to requirements indicated:
   1. Notify Landscape Architect not less than two days in advance of proposed utility interruptions.
   2. Do not proceed with utility interruptions without written permission from the Town of Avon
   3. Removal of underground utilities shall be in compliance with Town of Avon requirements.

3.7 SUBGRADE INSPECTION

A. Proof-roll subgrade with heavy pneumatic-tired equipment to identify soft pockets and areas of excess yielding. Do not proof-roll wet or saturated subgrades.

B. Reconstruct subgrades damaged by freezing temperatures, frost, rain, accumulated water, or construction activities, as directed by Architect, without additional compensation.

3.8 UNAUTHORIZED EXCAVATION

A. Fill unauthorized excavation under foundations or wall footings by extending bottom elevation of concrete foundation or footing to excavation bottom, without altering top elevation. Lean concrete fill, with 28-day compressive strength of *900 psi*, may be used when approved by Architect.
   1. Fill unauthorized excavations under other construction or utility pipe as directed by Landscape Architect or Owner.

3.9 STORAGE OF SOIL MATERIALS

A. Stockpile borrow soil materials and excavated satisfactory soil materials without intermixing. Place, grade, and shape stockpiles to drain surface water. Cover to prevent windblown dust.
   1. Stockpile soil materials away from edge of excavations. Do not store within drip line of remaining trees.

3.10 UTILITY TRENCH BACKFILL

A. Place backfill on subgrades free of mud, frost, snow, or ice.

B. Place and compact bedding course on trench bottoms and where indicated. Shape bedding course to provide continuous support for bells, joints, and barrels of pipes and for joints, fittings, and bodies of conduits.

C. Backfill trenches excavated under footings and within 18 inches (450 mm) of bottom of footings with satisfactory soil; fill with concrete to elevation of bottom of footings. Concrete is specified in Division 03 Section "Cast-in-Place Concrete."

D. Provide 4-inch- (100-mm-) thick, concrete-base slab support for piping or conduit less than 30 inches (750 mm) below surface of roadways. After installing and testing, completely encase piping or conduit in a minimum of 4 inches (100 mm) of concrete before backfilling or placing roadway subbase.

E. Place and compact initial backfill of subbase material, free of particles larger than 1 inch (25 mm) in any dimension, to a height of 12 inches (300 mm) over the utility pipe or conduit.
   1. Carefully compact initial backfill under pipe haunches and compact evenly up on both sides and along the full length of utility piping or conduit to avoid damage or displacement of piping or conduit. Coordinate backfilling with utilities testing.

F. Place and compact final backfill of satisfactory soil to final subgrade elevation.

G. Install warning tape directly above utilities, 12 inches (300 mm) below finished grade, except 6 inches (150 mm) below subgrade under pavements and slabs.

3.11 SOIL FILL

A. Plow, scarify, bench, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so fill material will bond with existing material.

B. Place and compact fill material in layers to required elevations as follows:
   1. Under grass and planted areas, use satisfactory soil material
   2. Under walks and pavements, use satisfactory soil material
   3. Under steps and ramps, use engineered fill

4. Under building slabs, use engineered fill
5. Under all column footings and foundations, bare on natural material or lean fill concrete.

3.12 SOIL MOISTURE CONTROL

A. Uniformly moisten or aerate subgrade and each subsequent fill or backfill soil layer before compaction to within 2 percent of optimum moisture content.
   1. Do not place backfill or fill soil material on surfaces that are muddy, frozen, or contain frost or ice.
   2. Remove and replace, or scarify and air dry otherwise satisfactory soil material that exceeds optimum moisture content by 2 percent and is too wet to compact to specified dry unit weight.

3.13 COMPACTION OF SOIL BACKFILLS AND FILLS

A. Place backfill and fill soil materials in layers not more than 8 inches (200 mm) in loose depth for material compacted by heavy compaction equipment, and not more than 4 inches (100 mm) in loose depth for material compacted by hand-operated tampers.

B. Place backfill and fill soil materials evenly on all sides of structures to required elevations, and uniformly along the full length of each structure.

C. Compact soil materials to not less than the following percentages of maximum dry unit weight according to ASTM D 698:
   1. Under structures, building slabs, steps, and pavements, scarify and re-compact top 12 inches (300 mm) of existing subgrade and each layer of backfill or fill soil material at 95 percent.
   2. Under walkways, scarify and re-compact top 6 inches (150 mm) below subgrade and compact each layer of backfill or fill soil material at 92 percent.
   3. Under lawn or unpaved areas, scarify and re-compact top 6 inches (150 mm) below subgrade and compact each layer of backfill or fill soil material at 85 percent.
   4. For utility trenches, compact each layer of initial and final backfill soil material at 85 percent.

3.14 GRADING

A. General: Uniformly grade areas to a smooth surface, free of irregular surface changes. Comply with compaction requirements and grade to cross sections, lines, and elevations indicated.

B. Site Grading: Slope grades to direct water away from buildings and to prevent ponding. Finish subgrades to required elevations within the following tolerances:
   1. Lawn or Unpaved Areas: Plus or minus 1 inch (25 mm).
   2. Walks: Plus or minus 1 inch (25 mm).
   3. Pavements: Plus or minus 1/2 inch (13 mm).

C. Grading inside Building Lines: Finish subgrade to a tolerance of 1/2 inch (13 mm) when tested with a 10-foot (3-m) straightedge.

3.15 SUBBASE AND BASE COURSES

A. Place subbase and base course on subgrades free of mud, frost, snow, or ice.

B. On prepared subgrade, place subbase and base course under pavements and walks as follows:
   1. Shape subbase course to required crown elevations and cross-slope grades.
   2. Compact subbase and base course at optimum moisture content to required grades, lines, cross sections, and thickness to not less than 95 percent of maximum dry unit weight according to ASTM D 698.

3.16 DRAINAGE COURSE

A. Place drainage course on subgrades free of mud, frost, snow, or ice.

B. On prepared subgrade, place and compact drainage course under cast-in-place concrete slabs-on-grade as follows:
   1. Place drainage course that exceeds 6 inches (150 mm) in compacted thickness in layers of equal thickness, with no compacted layer more than 6 inches (150 mm) thick or less than 3 inches (75 mm) thick.
   2. Compact each layer of drainage course to required cross sections and thicknesses to not less than 95 percent of maximum dry unit weight according to ASTM D 698.

3.17 FIELD QUALITY CONTROL

A. Testing Agency: *Contractor* will engage a qualified independent geotechnical engineering testing agency to perform field quality-control testing. Contractor to provide a minimum of four (4) field testing reports to the Owner indicating proper compaction of the sub-grade and soil.

B. Allow testing agency to inspect and test subgrades and each fill or backfill layer. Proceed with subsequent earthwork only after test results for previously completed work comply with requirements.

C. Footing Subgrade: At **all** footing subgrades, at least one test of each soil stratum will be performed to verify design bearing capacities. Subsequent verification and approval of other footing subgrades may be based on a visual comparison of subgrade with tested subgrade when approved by Architect.

D. Testing agency will test compaction of soils in place according to ASTM D 1556, ASTM D 2167, ASTM D 2922, and ASTM D 2937, as applicable.

E. When testing agency reports that subgrades, fills, or backfills have not achieved degree of compaction specified, scarify and moisten or aerate, or remove and replace soil to depth required; re-compact and retest until specified compaction is obtained.

F. When testing agency reports that over excavation is required, contractor to remove undesirable material offsite and replace with acceptable material until proper compaction is obtained.

3.18 PROTECTION

A. Protecting Graded Areas: Protect newly graded areas from traffic, freezing, and erosion. Keep free of trash and debris.

B. Repair and reestablish grades to specified tolerances where completed or partially completed surfaces become eroded, rutted, settled, or where they lose compaction due to subsequent construction operations or weather conditions.

C. Where settling occurs before Project correction period elapses, remove finished surfacing, backfill with additional soil material, compact, and reconstruct surfacing.
   1. Restore appearance, quality, and condition of finished surfacing to match adjacent work, and eliminate evidence of restoration to greatest extent possible.

PART 4 - QUANTITIES

4.1 CUT/FILL QUANTITIES

A. Utility and foundation spoils are the responsibility of the Contractor and can be used as fill to balance the earthwork on-site assuming proper compaction is achieved.

B. The cost of transport and disposal of excess topsoil shall be included as a lump sum in the bid to the Owner.

END OF SECTION 312000