



State of Utah

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Division of Facilities Construction and Management

DAVID G. BUXTON
Director

ADDENDUM NO. 2

Date: March 17, 2011
To: Contractors
From: Tim Parkinson
Reference: Stewart Stadium Field Renovation
Weber State University – Ogden, Utah
Project No.10280810

Subject: **Addendum No.2**

Pages	Addendum	1 page
	<u>Architects Addendum</u>	<u>8 pages</u>
	Total	9 pages

Note: *This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.*

2.1 SCHEDULE CHANGES – There are no changes to the project schedule.

2.2 GENERAL – MHTN Architects, please see attached sheets.



MHTN
ARCHITECTS

Addendum No. 2

Issued: 3/17/11

Addendum No. Two
for the
STEWART STADIUM FIELD RENOVATION
WEBER STATE UNIVERSITY
DFCM PROJECT NUMBER 10280810
MHTN Project No. 2010575.00

All Contractors submitting proposals on the above captioned project shall be governed by the following addendum, changes and explanations to the bidding documents dated 03 FEBRUARY, 2011 and shall submit their bids in accordance therewith:

Changes to the Project Manual:

A2.1 SECTION 116633 - EXTERIOR TRACK & FIELD EQUIPMENT is incorporated into the Project Manual as an attachment to this Addendum.

A2.2 SECTION 321810 - TURF FIELD BASE AND DRAINAGE

1. Article 1.2 SUBMITTALS Add the following submittal requirement:

"D. Submit proposed base and top layer drainage course sieve analysis and proposed material for review.

E. Submit calculations for crusher course and base course materials showing locking capabilities of the crusher run course and the base drainage layer for review.

1. Include confirmation of Structural Stability , hardness, separation of both stone types, and compliance with specified drainage performance in calculations

2. Article 1.6 WARRANTY as follows:

"1.6. WARRANTY:

Provide a written warranty approved by the Owner, naming the Owner stating all work executed under this section will be free from defects of materials and workmanship for a period of eight (8) years from date of project acceptance and that any defects will be remedied on written notice at no additional cost to the Owner within 21 days from receipt of notification, and during times of year that outdoor synthetic turf surfacing is normally in use. Warranty shall include removal, repair/replacement defective materials as required to repair/replace drainage course to its original condition at no cost to the Owner.

1. Submitted warranty shall cover, but not be limited to, the following characteristics:

a. Provide full coverage for eight (8) years from the date of substantial completion and project acceptance by Owner. Warranty must be underwritten by a third party as

an Insurance policy that provides NDL coverage for the Owner for the full warranty term against defects in materials and workmanship.

- b. Warrant materials and workmanship, including but not necessarily limited to, loss of strength and integrity, loss of permeability as described herein.
 - c. Warrant that materials installed meet or exceed the product specifications.
 - d. Warrant that manufacturer's onsite representative has inspected the installation and that Work conforms to the manufacturer's requirements
 - e. A provision to either repair, or replace such portions of installed material deemed no longer serviceable to support and maintain a safe, serviceable, and playable surface, as approved by Owner.
 - f. A warranty from a single source covering workmanship and all self-manufactured or procured materials.
 - g. Must not be limited to the amount of annual usage.
2. Paragraph 2.3.D shall be revised to read as follows:
"Performance of the stone layer for drainage requires a minimum performance of the equivalent of 30 inches of rainfall in one hour. A guide for sieve size is shown below. Contractor shall provide gradations and engineering to perform to or exceed the specified level of performance. Submit drainage course sieve analysis as specified in Submittals Article for each layer with calculations showing top and base course locking capabilities for review by Civil and Geo-technical engineer. Examples of the sieve analyses shown below are a baseline and will require modification to perform to the level required for the work. Correct products established by the Bidders sieve analysis will be required to be submitted and warranted to perform for the life of the installation. This contract shall design, engineer, provide and warranty stone drainage course.

REVISIONS TO THE DRAWINGS

A1.3 SHEET AS501 FOOTBALL FIELD DETAILS

Revise the 36" wide white end line and side line and the 36" wide purple boundary shown on Detail A1 to a 4" wide white sideline and endline with a 5'-8" wide purple outer boundary. Color endzone logos shall be 22' x 40' in lieu of the 20' x 20' shown.

A1.4 SHEET CG101 GRADING AND DRAINAGE PLAN

Add spot elevations as per AD01-C01 and C02.

Attachments:

Section 116633 Exterior Track and Field Equipment
AD01-C01 and C02

End of Addendum No. 2

SECTION 116633 – EXTERIOR TRACK & FIELD EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes relocation of existing DISCUS cage, installation of new ground sleeves fitted with resilient caps below turf layer and installation of new discus ring set in concrete pad
- B. Related Sections include the following:
 - 1. Division 31 Section "Earthwork" for filling and grading work.
 - 2. Division 32 Section for Concrete pad

1.3 SUBMITTALS

- A. Shop Drawings: For ring location and cage relocation showing plans details, method of field assembly, connections, and installation details.

1.4 PROJECT CONDITIONS

- A. Layout: Provide locations for uprights , vector lines and ring pad in accordance with NCAA regulations for 2011 season
 - 1. Notify Architect during layout and prior to placement.
 - 2. Do not proceed with placement without Architect's written permission.
 - 3. Before excavating, verify that no conflicts exist with underground services, piping or irrigation systems.

PART 2 - PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
- D. Track & Field components:
 - 1. Sportsfield Specialties
 - 2. Stackhouse Athletic.

2.2 DISCUS RING

A. BASE: TFDWRING DISCUS Ring as manufactured by:

Sportsfield Specialties Inc.
P.O. Box 231
41155 State Highway 10
Delhi, NY 13753
p. 888-975-3343
f. 607-746-8481

B. COMPONENTS:

1. TFDWRING Discus Ring fabricated with 2.0in x 2.0in x .25in Aluminum Angle, 98.5 inch Diameter
2. Mark ring with set line to show recess required for inner ring slab

C. DISCUS CAGE RELOCATION

1. Provide resilient grommets that project through turf system to determine location of uprights
2. Provide ground set sleeves equal to SportsField Specialties TFDC-GS 6 required set in subgrade below turf system.

2.3 MATERIALS

- A. Hardware: Manufacturer's standard, commercial-quality, corrosion-resistant, hot-dip galvanized steel and iron, stainless steel, or aluminum; secure, vandal-resistant design.
- B. Fasteners: Manufacturer's standard, corrosion-resistant, hot-dip galvanized or plated steel and iron, or stainless steel; permanently capped; theft resistant.
- C. Galvanizing: Where indicated for steel and iron components, provide the following protective zinc coating applied to components after fabrication:
 1. Hot-Dip Galvanizing: According to ASTM A 123/A 123M, ASTM A 153/A 153M, or ASTM A 924/A 924M.
- D. Latex Paving Paint: Mark painted lines at outside of ring and at vector points required by IAAF and NCAA regulation, projecting outward to edge of slab showing throwing zone.

2.4 FABRICATION

- A. General: Provide sizes, strengths, thicknesses, wall thickness, and weights of components as required to comply with structural performance and other requirements. Factory drill components for field assembly. Unnecessary holes in components, not required for field assembly, are not permitted. Provide complete structure, including supporting members and connections

2.5 CAST-IN-PLACE CONCRETE

- A. Concrete Materials and Properties: Provide normal-weight, air-entrained concrete with a minimum 28-day compressive strength of 3000 psi (20.7 MPa), 3-inch (75-mm) slump, and 1-inch- (25-mm-) maximum size aggregate.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for site clearing, earthwork, site surface and subgrade drainage, and other conditions affecting performance.
 - 1. Do not begin installation before final grading required for placing protective surfacing is completed, unless otherwise permitted by Architect.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Verify that layout and equipment locations comply with requirements for each type and component of equipment.

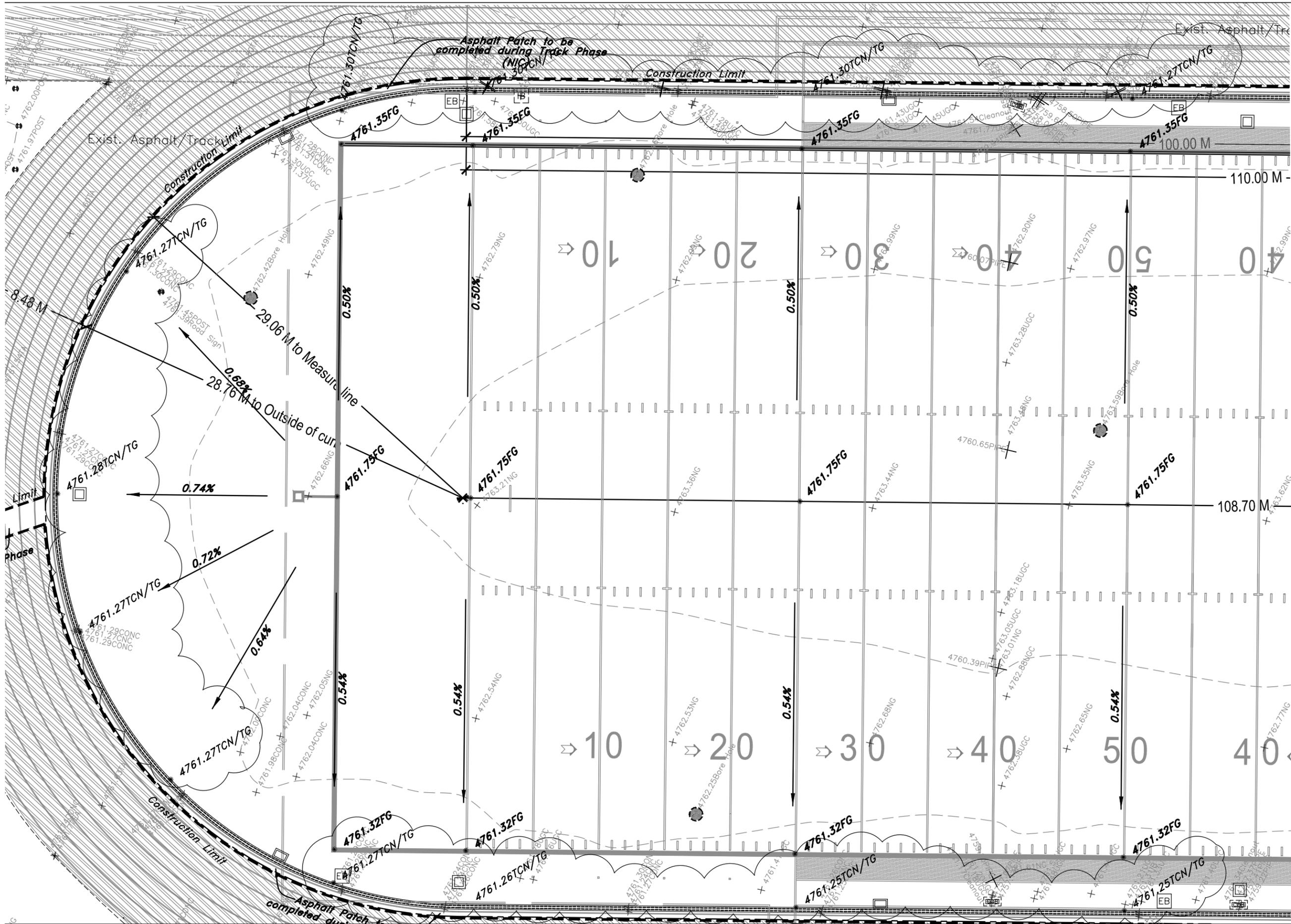
3.3 INSTALLATION, GENERAL

- A. General: Comply with manufacturer's written installation instructions, unless more stringent requirements are indicated. Anchor equipment securely, positioned at locations and elevations indicated on Shop Drawings.
 - 1. Maximum Equipment Height: Coordinate installed heights of equipment and components with required heights for NCAA play.
- B. Post and Footing Excavation: Hand-excavate holes for posts and footings to dimensions, profile, spacings, and in locations indicated on Drawings to match existing cage uprights, in firm, undisturbed or compacted subgrade soil. Level bearing surfaces with drainage fill to required elevation.
- C. Post Setting: Set equipment posts in concrete footing. Protect portion of posts above footing from concrete splatter. Place concrete around posts and vibrate or tamp for consolidation. Verify that posts are set plumb or at the correct angle and are aligned and at the correct height. Hold posts in position during placement and finishing operations until concrete is sufficiently cured.
 - 1. Concrete Footings: Smooth top, and shape to shed water.
- D. Setting Existing Cage. : Re-set existing cage members in locations required to comply with NCAA regulations and to match existing cage structure.
 - 1. Use new ground set bases to match existing upright bases.
 - 2. Restraining nets through pole top pulleys and anchors to secure net to uprights

3.4 CLEANING

- A. After completing equipment installation, inspect components. Remove spots, dirt, and debris. Repair damaged finishes to match original finish or replace component.

END OF SECTION 116633

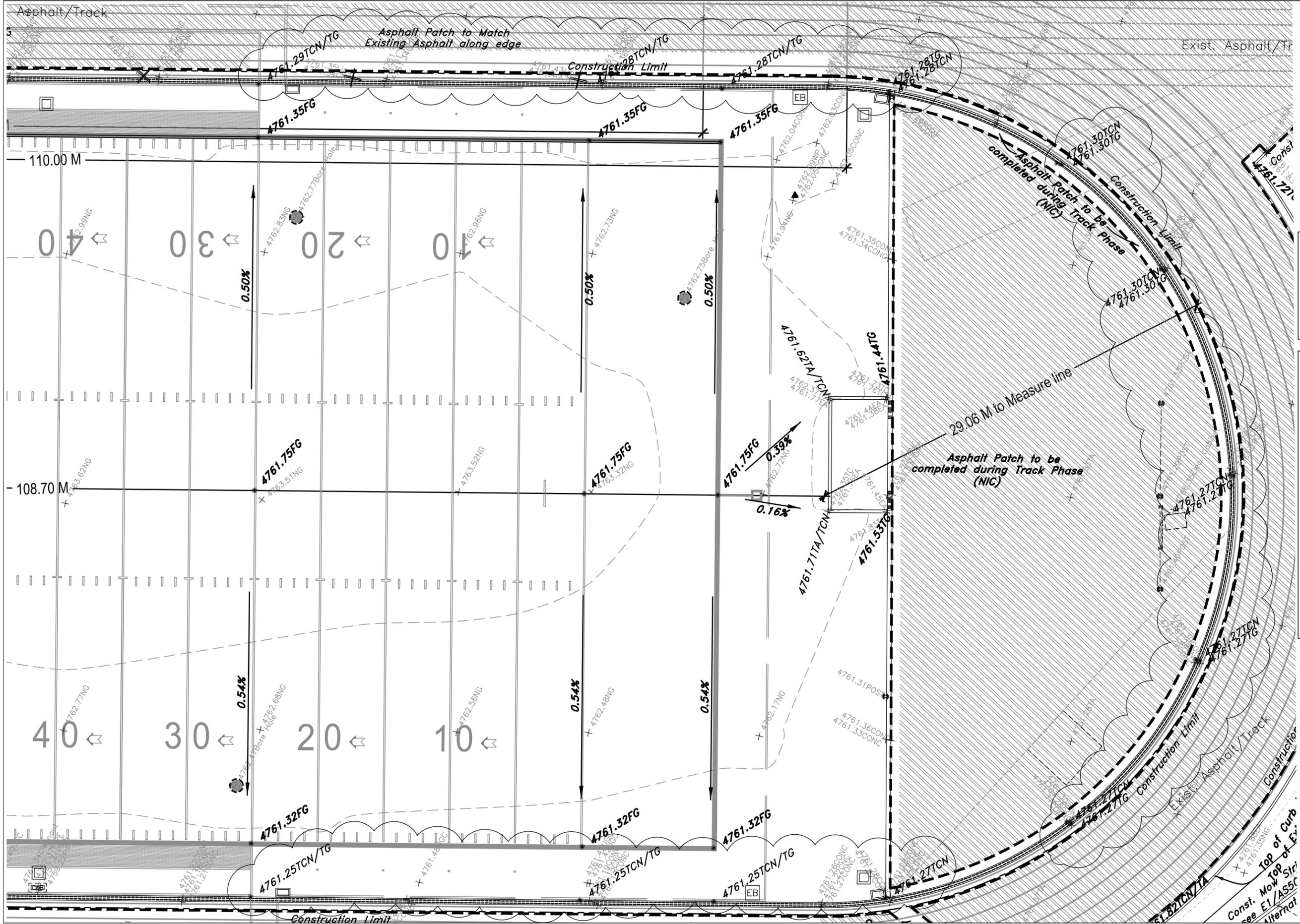


Sheet No. **AD02-C01**
 Sheet Reference **CG101**

Job Name: **WEBER STATE UNIVERSITY
 STEWART STADIUM FIELD RENOVATION**
 Job No: **2010576**
 Date: **17 Mar, 2011**

MHTN ARCHITECTS, INC.
 420 East South Temple
 Suite 100
 Salt Lake City, Utah 84111
 Telephone (801) 595-6700
 Telefax (801) 595-6717
 www.mhtn.com





Sheet No. **AD02-C02**
 Sheet Reference
 CG101

Job Name: WEBER STATE UNIVERSITY
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 420 East South Temple
 Suite 100
 Salt Lake City, Utah 84111
 Telephone (801) 595-6700
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 www.mhtn.com

