



OREGON TECH  
SOCCER & TRACK PROJECT  
REQUEST FOR QUALIFICATIONS

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**REQUEST FOR QUALIFICATIONS FOR THE CONSTRUCTION**

**of the**

**OREGON TECH SOCCER & TRACK PROJECT**

**RFQ #2015-01**

TO: Prospective Construction Contractors

SUBJECT: Request for Qualifications ("RFQ")

ISSUE DATE: December 19, 2014

ISSUED BY: State of Oregon acting by and through the State Board of Higher Education on behalf of the Oregon Institute of Technology ("the Owner")

CONTACT FOR RFQ: George Marlton,  
Exec. Dir. Procurement, Contracts & Risk  
Phone: 503-821-1277  
Email: [George.Marlton@oit.edu](mailto:George.Marlton@oit.edu)

CLOSING DATE: January 9, 2015  
CLOSING TIME: 1:00 PM, Pacific Time

SUBMISSION LOCATION: Email: [Purchasing@oit.edu](mailto:Purchasing@oit.edu)  
Hardcopy: 27500 SW Parkway Ave., Wilsonville, OR  
97070

## **I. INTRODUCTION**

The Oregon Institute of Technology (“Oregon Tech”) is seeking qualifications from experienced construction firms (“Proposers”) to provide complete construction services for the new Soccer and Track Facility at the John F. Moehl Stadium at the Oregon Tech Klamath Falls Campus located at 3201 Campus Drive, Klamath Falls, OR 97601 (“the Project”).

Proposers must have relevant experience in competitive athletic facility construction, including civil infrastructure, fine grading, irrigation systems, and electrical controls requirements for the installation of a new double bend track facility and associated field events facilities, a new synthetic turf competition soccer field, and a new offsite throws venue.

The work includes all demolition of the existing track and installation of all improvements as set forth in the RFQ Documents. These Documents are not for permitting or construction purposes. These documents are for the RFQ only. Furthermore, these Documents are subject to revision prior to the issuance of the ITB and therefore as provided in the ITB.

Oregon Tech is using the Request for Qualifications (“RFQ”) process as the first step in a two-step solicitation process, in which distribution of the Invitation to Bid (“ITB”) will be limited to the firms identified as most qualified through their submitted Statements of Qualifications (“Qualifications”). The ITB will be distributed only to those firms which have been qualified and selected through this RFQ process.

### **IMPORTANT NOTICE**

It will be the responsibility of interested firms to refer daily to the OUS Procurement Gateway website (<https://secure.ous.edu/bid/>) to check for any available addenda, response to clarifying questions, cancellations or other information pertaining to this RFQ.

## II. SCHEDULE OF EVENTS

The schedule for the RFQ and ITB process as well as the construction schedule are set forth below. This schedule is illustrative of optimal timing goals, but may be changed in Oregon Tech discretion. The Substantial Completion date will be firm.

### **RFQ Process**

RFQ Issue Date .....	December 19, 2014
Deadline for Protest of Specifications.....	December 29, 2014 (5:00 pm, PT)
All Clarifying Questions Due.....	December 2, 2014 (5:00 pm, PT)
Closing Date (Qualifications Due).....	January 9, 2015 (1:00 pm, PT)
Deadline to Protest Qualified Pool .....	5 calendar days after date on Notice of Qualified Pool letter

### **ITB Process**

ITB Issued to Qualified Pool.....	February 2, 2015
Mandatory Pre-Bid Meeting.....	February 11, 2015 (1:00 pm, PT)
Deadline for Protest of Specifications.....	February 11, 2015 (5:00 pm, PT)
All Clarifying Questions Due.....	February 20, 2015 (5:00 pm, PT)
Closing Date (BIDs Due) .....	February 27, 2015 (1:00 pm, PT)
Deadline for Protest of Award .....	7 calendar days after date on Notice of Award letter

### **Construction Phase**

Mandatory Pre-Construction .....	April 27, 2015
Mobilization .....	TBD
Construction Start.....	May 4, 2015
Substantial Completion .....	August 10, 2015

### III. GENERAL PROVISIONS

Oregon Tech reserves the right to reject any and all Qualifications received as a result of this RFQ. Oregon Administrative Rules Chapter 580, Divisions 61 and 63 govern the procurement process for Oregon Tech.

**1. Modification or Withdrawal of Qualifications:** Any Qualifications may be modified or withdrawn at any time prior to the closing deadline, provided that a written request is received by Oregon Tech Director of Purchasing and Contract Services, prior to the Closing date. The withdrawal of a Qualifications will not prejudice the right of a Proposer to submit a new Qualifications.

**2. Requests for Clarification and Requests for Change:** Proposers may submit questions regarding the specifications of the RFQ. Questions must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule of Events, at the Purchasing and Contract Services address or email address as listed in the cover page of the RFQ. Requests for changes must include the reason for the change and any proposed changes to the requirements. The purpose of this requirement is to permit Oregon Tech to correct, prior to the opening of Qualifications, RFQ terms or technical requirements that may be unlawful, improvident or which unjustifiably restrict competition. Oregon Tech will consider all requested changes and, if appropriate, amend the RFQ. Oregon Tech will provide reasonable notice of its decision to all Proposers that submit a Notice of Interest and on the OUS Procurement Gateway.

No oral or written instructions or information concerning this RFQ from Oregon Tech managers, employees or agents to prospective Proposers shall bind Oregon Tech unless included in an Addendum to the RFQ.

**3. Protests of the RFQ Specifications:** Protests must be in accordance with OAR 580-061-0145. Protests of Specifications must be received in writing on or before 5:00 p.m. (Pacific Time), on the date indicated in the Schedule of Events, or within three business days of issuance of any addendum, at the Purchasing and Contract Services address or email address as listed in the contact information in the cover page of the RFQ. Protests may not be faxed. Protests of the RFQ specifications must include the reason for the protest and any proposed changes to the requirements.

**4. Addenda:** If any part of this RFQ is amended, addendum will be provided on the OUS Procurement Gateway website (<https://secure.ous.edu/bid/>).

**5. Post-Selection Review and Protest of Award:** Oregon Tech will name the apparent successful Qualified Pool in a "Notice of Qualified Pool" letter. Identification of the apparent successful Qualified Pool is procedural only and creates no right in the named Proposers to award of the step-two ITB contract. Competing Proposers will be notified in writing of the selection of the apparent successful Qualified Pool and shall be given five (5) calendar days from the date on the "Notice of Qualified Pool" letter to review the file and evaluation report at the Purchasing and Contract Services office and file a written protest of award, pursuant to OAR 580-061-0145. Any protest must be in writing and must be delivered by hand delivery, mail or email to the address for the Purchasing and Contract Services Office as listed in the Contact Information section of the RFQ. The Oregon Tech Vice President for Finance and Administration or designee will timely respond to the protest after receipt. This decision shall be final.

**6. Acceptance of Contractual Requirements:** Failure of the selected Proposer to execute a contract and deliver required insurance certificates within ten (10) calendar days after notification of an award may result in cancellation of the award. This time period may be extended at the option of Oregon Tech.

**7. Public Records:** Qualifications are deemed confidential until the "Notice of Intent to Award" letter is issued. This RFQ and one copy of each original Qualifications received in response to it, will be kept and made a part of a file or record which will be open to public inspection. If a Qualification contains any information that is considered a **TRADE SECRET** under ORS 192.501(2), **SUCH INFORMATION MUST BE LISTED ON A SEPARATE SHEET CAPABLE OF SEPARATION FROM THE REMAINING PROPOSAL AND MUST BE CLEARLY MARKED WITH THE FOLLOWING LEGEND:**

**"This information constitutes a trade secret under ORS 192.501(2), and shall not be disclosed except in accordance with the Oregon Public Records Law, ORS Chapter 192."**

The Oregon Public Records Law exempts from disclosure only bona fide trade secrets, and the exemption from disclosure applies only “unless the public interest requires disclosure in the particular instance.” ORS 192.500(1). Therefore, non-disclosure of documents or any portion of a document submitted as part of a Qualifications may depend upon official or judicial determinations made pursuant to the Public Records Law.

**8. Investigation of References:** Oregon Tech reserves the right to investigate all references in addition to those supplied references and investigate past performance of any Proposer with respect to its successful performance of similar services, its compliance with specifications and contractual obligations, its completion or delivery of a project on schedule, its lawful payment of subcontractors and workers and any other factor relevant to this RFQ.

**9. Qualifications Preparation Costs and Other Costs:** Proposer costs of developing the Qualifications, cost of attendance at an interview (if requested by Oregon Tech) or any other costs are entirely the responsibility of the Proposer, and will not be reimbursed in any manner by Oregon Tech.

**10. Clarification and Clarity:** Oregon Tech reserves the right to seek clarification of each Qualification, or to make an award without further discussion of Qualifications received. Therefore, it is important that each Qualification be submitted initially in the most complete, clear and favorable manner possible.

**11. Right to Reject Qualifications:** Oregon Tech reserves the right to reject any or all Qualifications, if such rejection would be in the public interest, as determined by Oregon Tech.

**12. Cancellation:** Oregon Tech reserves the right to cancel or postpone this RFQ at any time.

**13. Review for Responsiveness:** Upon receipt of all Qualifications, Oregon Tech will determine the responsiveness of all Qualifications before submitting them to the evaluation committee. If a Qualification is incomplete or non-responsive in significant part or in whole, it will be rejected and will not be submitted to the evaluation committee. Oregon Tech reserves the right to determine if an inadvertent error is solely clerical or is a minor informality which may be waived, and then to determine if an error is grounds for disqualifying a Qualification. The Proposer’s contact person identified on the Qualification will be notified, identifying the reason(s) the Qualification is non-responsive. One copy of the Qualification will be archived and all others discarded.

**15. Communication Blackout Period.** Except as called for in this RFQ, Proposers may not communicate with members of the Evaluation Committee about the RFQ until the apparent successful Qualified Pool is selected, and all protests, if any, have been resolved.

**16. Prohibition on Commissions.** Oregon Tech will contract directly with persons/entities capable of performing the requirements of this RFQ. Contractors must be represented directly. Participation by brokers or commissioned agents will not be allowed during the proposal process.

**17. Clerical Errors in Awards.** Oregon Tech reserves the right to correct inaccurate awards resulting from its clerical errors.

**18. Collusion.** By responding, the Proposer states that the Qualification is not made in connection with any competing Proposer submitting a separate response to the RFQ, and is in all aspects fair and without collusion or fraud. Proposer also certifies that no officer, agent, or employee of Oregon Tech has a pecuniary interest in its Qualification.

**19. Evaluation Committee:** Qualifications will be evaluated by a committee consisting of representatives from Oregon Tech. Oregon Tech reserves the right to modify the Evaluation Committee make-up in its sole discretion. The committee’s recommendations will be forwarded to the Vice President for Finance and Administration, or designee, for final approval.

#### IV. PROJECT INFORMATION

The Ausland Group in association with DA Hogan is the design team for the Project.

The Project will replace existing track and field facilities on the existing site, including completely new 400m rubberized running track and all related field event facilities, synthetic turf infield sized for competitive collegiate soccer, selective replacement of electric and field lighting components including raceways and conductors, poles, and fixtures, and all related utilities including water and electrical systems, and storm drainage. Offsite work (on campus but beyond the stadium proper) includes a new track & field throwing events venue across N. University Drive, and placement of sod and organic spoils at the campus composting facility.

Qualified firms will have demonstrated success in the following specialties:

- Athletic field construction including the following:
  - General Sitework Construction for athletic facilities designed to meet or exceed NCAA (NAIA), NFL, MLB standards.
  - Grading of compacted soil and aggregate materials to a fine tolerance (1/4" in 10')
  - Storm and Subsurface Drainage installation at engineered shallow gradients less than 1%
  - Synthetic Turf manufacture and installation
- Running Track Construction
  - General Sitework Construction for track and field facilities designed to meet or exceed NCAA (NAIA), IAAF, USTBA, and USTA standards.
  - Grading of compacted soil and aggregate materials to a fine tolerance (1/4" in 10')
  - Asphalt Paving for rubberized track, tennis courts, airport runways, and high speed freeway traffic, at less than 1% gradient and tolerances less than 1/4" in 10'.
  - Rubberized Track Surfacing installation.

For additional information, see the attached documents:

- 01 11 00 RFQ Summary of Work dated 12/18/14
- F-1.2 Field Event Area Layout Plan
- F-1.1 Track Layout Plan

Special Requirements. The selected contractor shall be required to comply with the following requirements:

1. Required to document good faith efforts to develop business opportunities for Minority Owned, Women Owned, Emerging Small Business Enterprises and locally owned firm.
2. Required to comply with the applicable Oregon prevailing wage rates.
3. Required to provide 100% performance and 100% payment bond for the Project in the full amount of the Contract.

## V. QUALIFICATION CONTENT, SUBMISSION INSTRUCTIONS & EVALUATION

### QUALIFICATION FORM AND CONTENT

Qualifications that do not contain all the information requested in this and other sections may be rejected as non-responsive.

#### **Submission Format**

1. The Qualification should be written on standard size (8½" x 11") paper, using generally accessible word processing and document formats conducive to cut-and-paste transfer of information to contracts or other summary documents. MSOffice Suite and Adobe Acrobat documents are preferred.
2. Proposers should structure responses as outlined in this RFQ. Qualifications should be prepared so that responses are specifically addressed in the same order as the requested information identified below and on the Questionnaire.

### REQUIRED PROPOSAL CONTENT

1. You must complete the **Bidder/Proposer Tax Laws and Non-discrimination Certification** sheet, signed by an authorized company official.
2. The Qualification must also include the following:
  - a. **Title Page or Cover Letter.** The title page or cover letter should indicate the date, subject, name of the Proposer, address, telephone number, e-mail address, name and title of the Proposer's contact person as well as a signature of an authorized official with the authority to negotiate and contractually bind the Proposer.
  - b. **Questionnaire.** Complete and specific answers to the Questionnaire for Proposers. Please respond by restating each question and thereafter providing your answer in order beginning with question 1.
3. **Summary Statement.** The Proposer may, but is not required to, provide a summary statement as to its qualifications, as well as briefly describe (no more than 500 words) any special considerations the Oregon Tech should consider.

### DELIVERY OF PROPOSALS

Qualifications may be submitted by email to [Purchasing@oit.edu](mailto:Purchasing@oit.edu) or by hardcopy to Procurement and Contract Services, 27500 SW Parkway Ave., Wilsonville, OR 97070.

It is the responsibility of the Proposer to ensure that Proposals arrive by the closing date and time. **NO LATE PROPOSALS WILL BE ACCEPTED**, unless emailed proposals are delayed or lost by email system filtering or failures as determined by Oregon Tech in its sole discretion.

**EVALUATION CRITERIA**

Qualifications will be evaluated for completeness and compliance with this RFQ. Qualifications considered complete will be evaluated to determine if they comply with the administrative, contractual, and technical requirements of the RFQ. If the Qualification is unclear, Proposers may be asked to provide written clarification. **Qualifications that do not specifically provide the requested information or do not include the complete Qualification content may be rejected.**

Proposals will be evaluated based on the following criteria and questions outlined in the Questionnaire for Proposers:

- |   |           |
|---|-----------|
| 1. Company or Team Overview                   | 15 points |
| 2. Management Personnel and Project Org Chart | 20 points |
| 3. Similar Project Experience                 | 25 points |
| 4. Safety Record                              | 10 points |
| 5. MWESB and Local Firm Inclusion             | 10 points |
| 6. Project Management                         | 15 points |
| 7. Quality of Proposal                        | 5 points  |

Total possible: 100 points

**SELECTION OF QUALIFIED POOL**

Based on the scoring of the Qualifications, Oregon Tech will identify the Qualified Pool of the potential contractors that are most qualified for the Project. Oregon Tech in its sole discretion may determine the number of firms that are included in the Qualified Pool. Only those firms accepted into the Qualified Pool will be permitted to submit a bid in response to the ITB for this Project. This RFQ does not represent an offer nor does it confer any rights on any proposer.



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QUESTIONNAIRE

**Please submit your responses in order beginning with question #1 by restating the question, then providing your answer. Use additional sheets as necessary. Be specific with names and numbers.**

By listing subcontractors in the Statement of Qualifications, the firm guarantees that these subcontractors will be available to work on the Project at the approximate percentages shown. The Owner reserves the right to approve or reject any changes to the proposed personnel. The Owner further reserves the right to request a substitution of personnel if deemed to be in the best interest of the Owner.

**1. Company Overview:**

Provide an overview of your company including years in business, office locations, and general work history. In addition please provide a description of your company's experience in regards to competitive athletic facility construction.

**2. Management Personnel and Project Organizational Chart:**

Provide i) an organizational chart *and* ii) a resume for each and every person who will have any management responsibility, direct or indirect, for the Project, including but not limited to project executives, project managers, field superintendents and field engineers. Joint ventures must identify the company that employs each individual listed.

**3. Similar Project Experience:**

Provide a listing, in chronological order, of at least three (3) similar athletic facility construction projects of like size and type within the past five (5) years. For this RFQ, "similar projects" shall mean projects where the construction cost for the project was an amount similar to the estimated construction cost of this Project; the project was one of similar complexity; the project was of a similar type of scope and the project was the approximate size of the Project or larger. Projects examples for colleges or universities is preferred.

- a. For the referenced similar projects, provide the following information:
  - i. Name of the owner, contact person, and current phone number
  - ii. The engineer, contact person, and current phone number
  - iii. Location of the project and completion date
  - iv. A brief description of the job
  - v. Amount of contract award or negotiated GMP (if applicable)
  - vi. Final contract amount and total amount of change orders
  - vii. Total project claims going to litigation/arbitration and their disposition
- b. Provide a listing, in chronological order, of your company's current construction contracts, regardless of amount.

**4. Safety Record:**

Provide a general description of your firm's safety programs, as well as the firm's experience modifier for the past three years for Workers' Compensation Insurance. Joint ventures must provide this information for each joint venture partner.

**5. MWESB and Local Firm Inclusion:**

Oregon Tech has implemented procedures to increase participation by Historically Underrepresented Businesses. Historically Underrepresented Businesses are Oregon certified and self-identified minority, women and emerging small businesses as well as firms that are certified federally or by another state or entity with substantially the same requirements of the State of Oregon.

Provide a Management Plan to increase the diversity of your workforce and subcontract opportunities with or to purchase from Historically Underrepresented Businesses. The Management Plan may include your nondiscrimination practices, subcontracting strategy, workforce diversity plan, and outreach plan to increase participation by Historically Underrepresented Businesses.

The selected Contractor will be required to perform Good Faith Effort outreach for divisions of work that will be subcontracted out. The required forms for solicitations and reporting will be included in the ITB.

Provide examples of previous Management Plans and describe if the Plans met or exceeded the goals of the Plan.

**6. Project Management.**

Describe your firm's process for managing this specific Project in order to ensure that the Project is completed safely, on schedule, meeting quality requirements, and within the estimated budget. In addition, provide a description of your process for managing changes in construction, including efforts made to minimize change orders and claims.

Provide a copy of a specific project management report from one of the projects supplied in Question 3 above.

**BIDDER/PROPOSER  
TAX LAWS AND NON-DISCRIMINATION CERTIFICATION  
RFQ #2015-01**

I, the undersigned, have read all of the terms and conditions of this Request for Proposals, and I understand that if awarded the contract, I and the firm represented herein shall be bound by its terms and conditions and representations made in this response. I certify that Proposer has not discriminated against minority, women or emerging small business enterprises in obtaining any required subcontracts.

**Certified Minority, Women, and Emerging Small Business**

For statistical purposes only, please indicate if your firm is an Oregon certified minority, women, or emerging small business:  **DBE**     **MBE**     **WBE**     **ESB**

**Certificate of Compliance with Tax Laws**

I, the undersigned, (Check one )

\_\_\_ hereby certify under penalty of perjury that I am not in violation of any Oregon Tax laws,

\_\_\_ hereby certify under penalty of perjury that I am authorized to act on behalf of Contractor and to the best of my knowledge; Contractor is not in violation of any Oregon tax laws.

For purposes of this certification, "Oregon Tax Laws" means a state tax imposed by ORS 320.005 to 320.150 and 403.200 to 403.250, ORS Chapters 118, 314, 316, 317, 318, 321 and 323; the elderly rental assistance program under ORS 310.630 to 310.706; and local taxes administered by the Oregon Department of Revenue under ORS 305.620

Business Designation (check one): \_\_\_ Corporation    \_\_\_ Partnership    \_\_\_ Sole Proprietorship  
\_\_\_ Governmental/Non-Profit    \_\_\_ Limited Partnership    \_\_\_ Limited Liability Partnership  
\_\_\_ Limited Liability Company

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Firm: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Phone: (    ) \_\_\_\_\_

e-mail: \_\_\_\_\_ Fax: \_\_\_\_\_

NOTE: This Specification is a Draft of the document that will be incorporated into the Invitation to Bid / Bid Documents, and Contract. It is intended to provide a more detailed overview of the full anticipated scope of the project work.

## PART 1 - GENERAL

### 1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

### 1.02 SUMMARY

- A. Section Includes:

1. Project information.
2. Work covered by Contract Documents.
3. Work under separate contracts.
4. Owner-furnished products.
5. Access to site.
6. Work restrictions.
7. Specification and drawing conventions.

- B. Related Requirements:

1. Section **015000** "Temporary Facilities and Controls" for limitations and procedures governing temporary use of Owner's facilities.

### 1.03 PROJECT INFORMATION

- A. Project Identification:

1. Project Name: Oregon Tech Soccer & Track Project
2. Project Location:

Oregon Institute of Technology  
John F. Moehl Stadium  
2701 Foothills Blvd.  
Klamath Falls, OR 97603

3. Owner: Oregon University System, Oregon Institute of Technology

4. Owner's Representative:

Eric C. Rulofson  
Executive Director Facility Management and Capital Planning  
Oregon Institute of Technology (OIT)  
3201 Campus Drive, Klamath Falls, OR. 97601  
541.885.1600 (office) 541.885.1809 (fax)

5. Project Engineer:

Todd Powell, P.E.  
Director of Engineering  
Ausland Group  
541.476.3788

6. Field & Track Facilities Designer:

Eric Gold, ASLA  
D.A. Hogan & Associates, Inc.  
206.285.0400

7. Electrical Engineer:

Chris Fote, P.E.  
Sparling Engineers / Candela  
206.224.3667

8. Geotechnical Engineer:

Robin Warren, G.E.  
Applied Geotechnical Engineering  
541.226.6658

1.04 WORK COVERED BY CONTRACT DOCUMENTS

- A. Briefly and without force and effect on requirements of the Contract Documents, the description of the Work of the Contract can be summarized as follows: To furnish all labor, materials and equipment for supervision and other facilities necessary to complete stadium improvements at John F. Moehl Stadium including construction of a new rubberized running track and synthetic turf field and throwing events venue. Generally, the project includes removal of the existing rubberized track and related field events, natural grass field, light poles and fixtures, and underlying utilities, and replacement with a new rubberized track and field related field events, synthetic turf field, and sports field lighting, and a

separate and distinct track and field throwing events venue across the adjacent private road. The work shall be performed under a single prime contract.

B. BASE BID Work of Project is defined by the Contract Documents and consists of the following:

1. Assumption of permit responsibility and management of all permit requirements;
2. Protection of existing utilities including electrical and water for the purposes of maintaining operation of life safety, fire suppression, and landscape maintenance functions on and around the project site;
3. Temporary erosion and sedimentation control facilities and management of sitework in a manner consistent with permit requirements;
4. Temporary chain link fencing as required to secure all construction, temporary power, water, telecommunications, and all utilities necessary to operate the project on site, temporary sanitary facilities, temporary office and meeting space, management and maintenance of all necessary stockpile, storage, laydown, and parking areas including offsite as necessary;
5. Traffic control including vehicular and pedestrian, including coordination and cooperation with OIT student and daily operations schedules;
6. Removal and on-campus disposal of the existing turf grass and root material including clearing, stripping, loading, transport, and placement as directed; and clearing and grubbing of existing vegetation for off-site disposal;
7. Demolition and offsite disposal including storm drainage, water systems, and irrigation piping and related appurtenances, asphalt paving including rubberized surfacing, various track and field equipment including foundations and anchorages, and other complete and selective demolition;
8. Earthwork including mass excavation and fills, on-site cut and fill, trenching and backfill including trench safety systems, compaction, and fine grading of subgrade surfaces;
9. Storm drainage systems including connection to existing conveyance, new conveyance pipe, manholes and catch basins, inlets, specialty slot-type drains and appurtenances;
10. Wash water, field cooling, and irrigation systems including backflow prevention devices, isolation valves, piping, spray and rotor-type sprinkler heads, automatic solenoid valves, quick coupling valves and fully automatic controllers;
11. Modification of sports lighting system including supply and installation of precast foundations, metal poles, bracketry and fixtures, and installation of new fixtures on existing poles, all including new conduit, wire, junction boxes, and control system;
12. Furnish and install scoreboard conduit and junction boxes;
13. Subsurface perforated drainage systems;

14. Cast in place concrete including perimeter concrete curbing, synthetic turf anchor, walks, slabs;
15. Asphalt concrete paving including site paving and track asphalt paving;
16. Furnish and install rubberized track and field event surfacing;
17. Permeable aggregate materials for the synthetic field areas including edge anchor/nailer;
18. Furnish and install field event components, and other site furnishings;
19. Construction of chain link fencing and gates of various heights;
20. Coordination for installation of an infilled synthetic turf surfacing;
21. Restoration of all disturbed areas including soil improvement and

C. Alternate Bid Items

1. Alternate Bid Item 1: In lieu of the specified "sealed base matt / structural spray" rubberized track and field event surfacing, provide a "sandwich system" surface at all locations as specified elsewhere.
2. Alternate Bid Item 2: In lieu of Base Bid soil amendment at Field Event Throws Venue, provide improved soil amendment and automatic irrigation system as shown and described elsewhere.

D. Allowance Item: Allow the prescribed value for exploratory excavation, utility locate, and retrofit of existing water utilities.

E. Unit Pricing: Provide Unit Pricing for Soil Cement Treatment, to be provided as directed.

F. Type of Contract:

1. Project will be constructed under a single prime contract.

G. Schedule of Project Milestone Dates:

Refer to the RFQ Document.

1.05 OWNER-FURNISHED PRODUCTS

A. Owner will furnish products indicated. The Work includes receiving, handling, storing, cleaning, protecting, and installing Owner-furnished products.

1. Items include specific Track & Field Event equipment as specifically itemized in Section 11 68 24 Equipment & Furnishings.

1.06 SALVAGE

- A. The Owner retains first right of refusal to the salvage or salvage value of any and all materials, equipment, furnishings, or artifacts occurring as a part of the work. Specific items to be selectively demolished or removed to the Owner include irrigation valves, sprinkler heads, and appurtenances, track & field equipment, and select organic components of field grass sod, root zone growing medium, and fill soils.

#### 1.07 ACCESS TO SITE

- A. General: Contractor shall have full use of Project site for construction operations during construction period prior to start of the 2015 fall NCAA athletics season. Contractor's use of Project site is limited only by Owner's right to perform work or to retain other contractors on portions of Project.
- B. General: Contractor shall have limited use of Project site for construction operations as indicated on Drawings by the Contract limits and as indicated by requirements of this Section.
- C. Access: Keep driveways and entrances serving premises clear and available to Owner, Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- D. Use of Site: Limit use of Project site to areas within the Contract limits indicated. Do not disturb portions of Project site beyond areas in which the Work is indicated.
  - 1. Limits: Confine construction operations to area as directed by Owner's Representative.
  - 2. Driveways, Walkways and Entrances: Keep driveways, loading areas, and entrances serving premises clear and available to Owner, Owner's employees, and emergency and service vehicles at all times. Do not use these areas for parking or storage of materials.
    - a. Schedule deliveries to minimize use of driveways and entrances by construction operations.
    - b. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on-site.

#### 1.08 WORK RESTRICTIONS

- A. Work Restrictions, General: Comply with restrictions on construction operations.
  - 1. Comply with limitations on use of public streets and private roadways, and with other requirements of authorities having jurisdiction.



- B. On-Site Work Hours: Limit work as follows except as specifically authorized in writing.
  - 1. Weekdays: 7:00 am – 7:00 pm.
  - 2. Weekend Hours: Saturday 7:00 am to 7:00 pm.
  - 3. Early Morning Hours: Not permitted before 7:00 am.
  - 4. Hours for site-specific Utility Shutdowns: Not to exceed four hours.
  
- C. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
  - 1. Notify Owner not less than two days in advance of proposed utility interruptions.
  
- D. Noise, Vibration, and Odors: Coordinate operations that may result in high levels of noise and vibration, odors, or other disruption to Owner occupancy with Owner.
  - 1. Notify Owner not less than two days in advance of proposed disruptive operations.
  
- E. Nonsmoking Campus: Smoking is not permitted on the project site.
  
- F. Controlled Substances: Use of tobacco products and other controlled substances on Project site is not permitted.
  
- G. Employee Screening: Comply with Owner's requirements for drug and background screening of Contractor personnel working on Project site.
  - 1. Maintain list of approved screened personnel with Owner's representative.
  
- H. Enclosure Fence: Install a 6 ft. ht. enclosure fence with lockable entrance gates to enclose the project site including equipment and materials as required to ensure security of the site, work in progress, and the general public.

#### 1.09 SPECIFICATION AND DRAWING CONVENTIONS

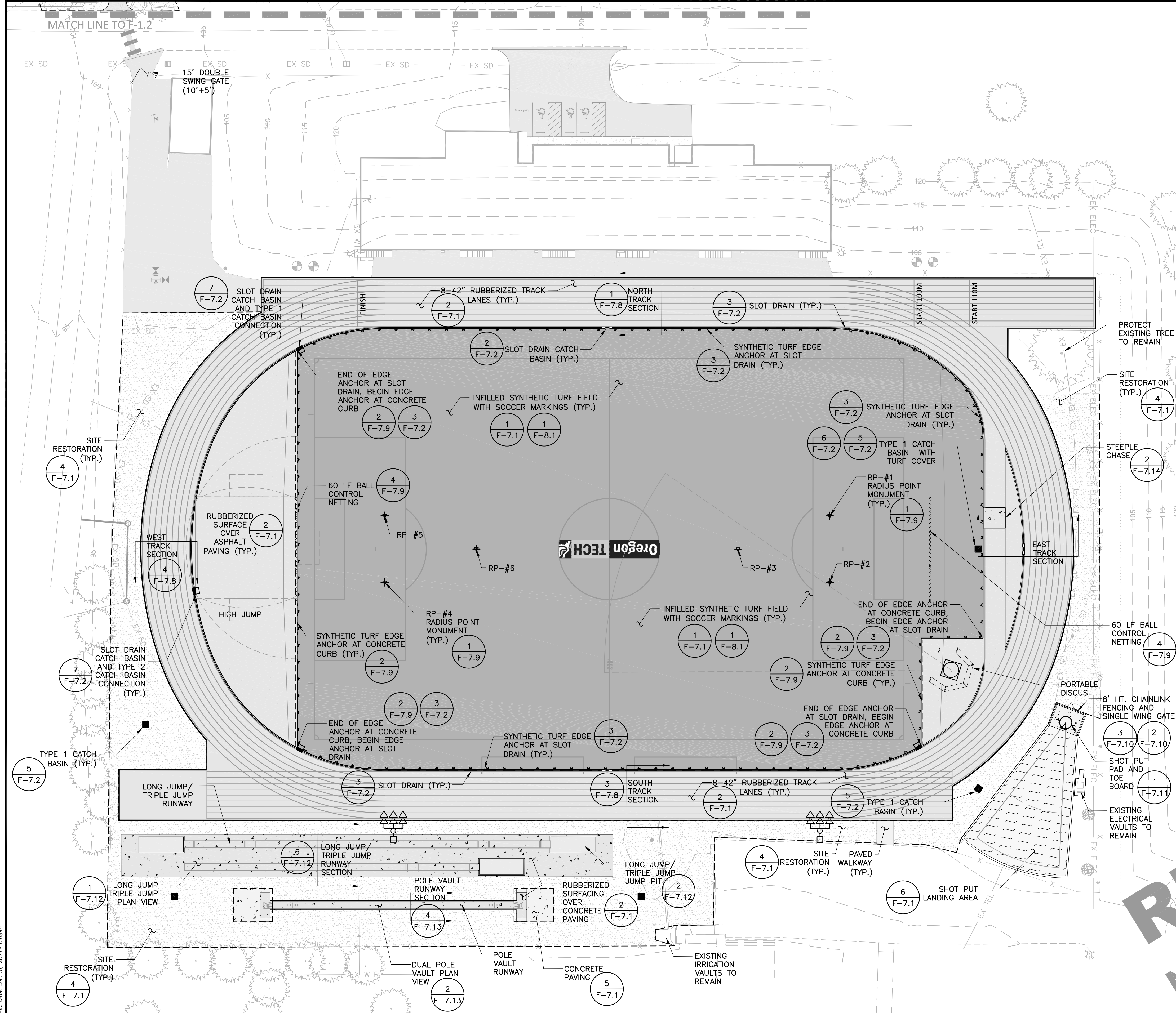
- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
  - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.

2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
  2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standard and scheduled on Drawings.
  3. Keynoting: Materials and products are identified by reference keynotes referencing Specification Section numbers found in this Project Manual.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 11 00  
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### LAYOUT NOTES

- FIELD & TRACK Layout Notes:
- LAYOUT CONTROL PLAN ON SHEET F-6.1. DIGITAL DATA PROVIDED TO THE CONTRACTOR AFTER BID AWARD UPON REQUEST. DO NOT SCALE PRINTED DRAWINGS.
  - ESTABLISH THE LAYOUT OF THE TRACK RADIUS POINTS, CENTERLINE, AND MEASURING LINE, AND VERIFY 400M DISTANCE PRIOR TO COMMENCING CONSTRUCTION STAKING. SEVERAL OFFSET DIMENSIONS BASED ON THE MEASURING LINE ARE PROVIDED.
  - FURNISH AND INSTALL THE TRACK SLOT DRAIN SYSTEM INCLUDING CATCH BASINS, CONNECTIONS, AND CONCRETE ENCASUREMENT AS SHOWN AND DESCRIBED. MEASUREMENTS TO OUTSIDE FACE AS PROVIDED. PROVIDE FOR UTILITIES ACCESS BOXES INCLUDING SPECIFIED CLEARANCES AND CONCRETE COVER. INSTALL SYNTHETIC TURF EDGE ANCHOR ON THE INSIDE FACE AS SHOWN.
  - FURNISH AND INSTALL CONTINUOUS CONCRETE TRACK ASPHALT PAVEMENT CONTAINMENT CURB ALONG OUTSIDE PERIMETER, MEETING PAVING AND GRADING TOLERANCES. VERIFY A 3.25' MINIMUM CLEARANCE BETWEEN THE OUTSIDE EDGE OF THE OUTSIDE LANE OF THE RUBBERIZED SURFACING AND ANY VERTICAL FEATURE EXISTING OR PROPOSED INCLUDING TREES AND SHRUBS, ELECTRICAL EQUIPMENT, AND FENCING.
  - INSTALL ALL IN-FIELD UTILITIES AS SHOWN AND DIRECTED; STAKE LOCATIONS FOR APPROVAL PRIOR TO INSTALLATION. UTILITY PIPING AND RACEWAYS ARE SHOWN SCHEMATICALLY; INCORPORATE COMMON TRENCHING AND PLACE VALVES AND APPURTENANCES AS CLOSE AS PRACTICAL.
  - PROVIDE CONCRETE CONTAINMENT CURB AND RUBBERIZED SURFACING TERMINATION SURROUNDING ALL RUBBERIZED TRACK AND FIELD EVENT SURFACING. NO RUBBERIZED SURFACING SHALL BE PLACED ON UNCONTAINED ASPHALT PAVING, AND NO RUBBERIZED SURFACING SHALL TERMINATE IN ANY WAY WHOLELY OR PARTLY ON OTHER THAN CONCRETE, OR APPROVED STEEL, ALUMINUM, OR WOOD UTILITIES ACCESS COMPONENTS.
  - FURNISH AND INSTALL SYNTHETIC TURF COVERS FOR CATCH BASINS LOCATED IN THE SYNTHETIC TURF FIELD AREA NOT OTHERWISE SCHEDULED TO RECEIVE RUBBERIZED SURFACING COVER.
  - FURNISH AND INSTALL RUBBERIZED SURFACING ON ALL UTILITIES INCLUDING FIELD COOLING SYSTEM COMPONENTS, ELECTRICAL AND COMMUNICATIONS HANDHOLES, WATER SYSTEMS CONTROL VALVES, AND CATCH BASINS LOCATED WITHIN OR ADJACENT TO THE RUNNING TRACK AND FIELD EVENT AREAS.
  - FURNISH AND INSTALL IN-GROUND, LOCKING CABLE ANCHORS FOR PORTABLE SOCCER GOALS, TOTAL 6 (SIX) AS SHOWN OR DIRECTED.
  - ALL LAYOUT (HORIZONTAL AND VERTICAL) SHALL MEET NCAA REQUIREMENTS FOR THE COMPETITION FACILITY PROPOSED. NON-COMPETITION AREAS SHALL BE LAID OUT TO +/-0.10'±10'.
- (CONTINUED ON SHEET F-1.2)

### LAYOUT LEGEND

- SYNTHETIC TURF AND PERMEABLE AGGREGATE
- RUBBERIZED SURFACING OVER ASPHALT PAVING
- CINDERS
- ASPHALT PAVING
- RUBBERIZED SURFACING OVER CONCRETE PAVING
- CONCRETE PAVING
- JUMP PIT SAND
- SITE RESTORATION
- CONCR CURB
- LIMIT OF SYNTHETIC TURF AND EDGE ANCHOR
- SLOT DRAIN
- TYPE 1 SLOT DRAIN CATCH BASIN
- SLOT DRAIN CATCH BASIN
- TYPE 1 CATCH BASIN
- BALL CONTROL NETTING

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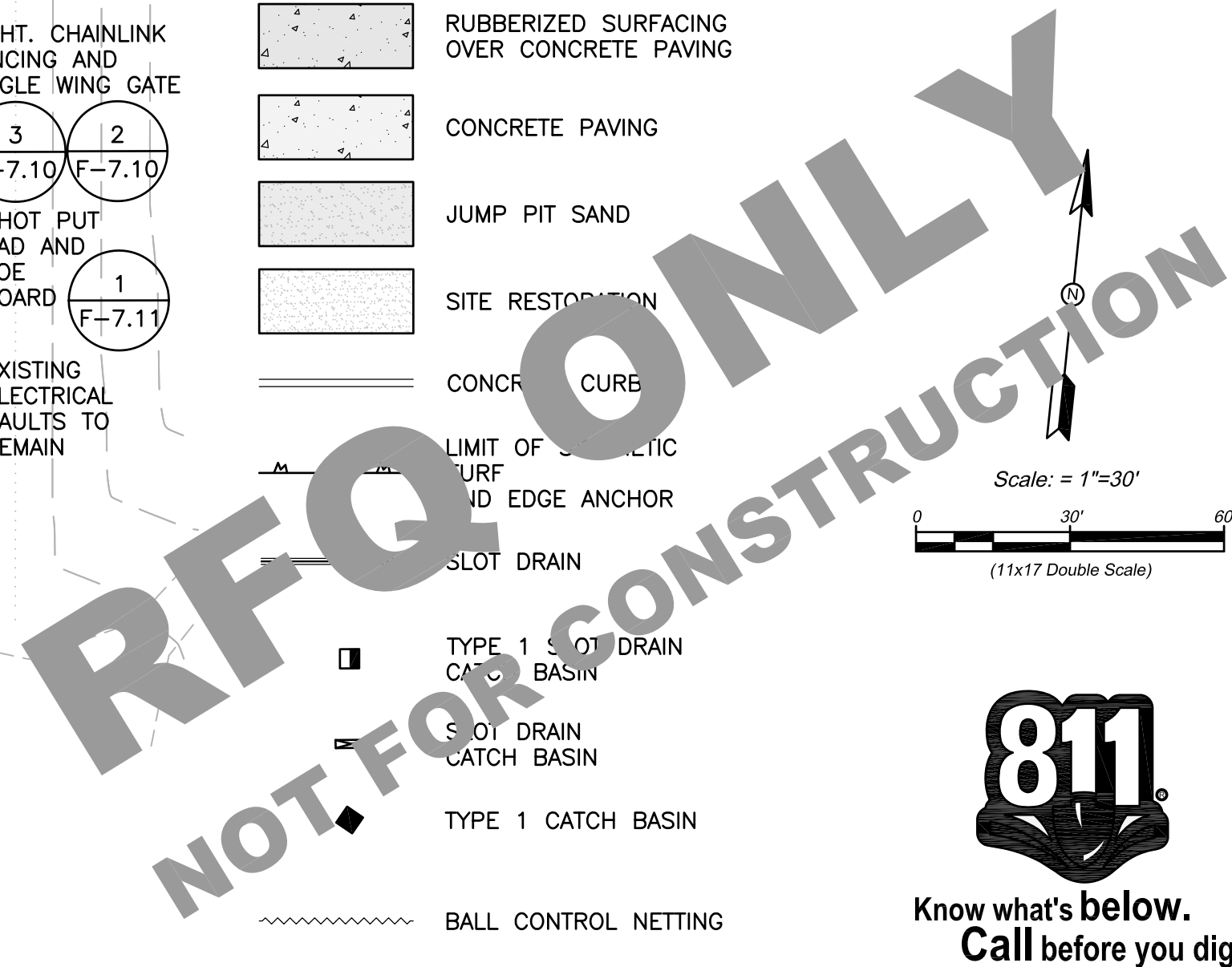
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Designed By:	E/G	First Submitted Date:	12-08-2014
Checked By:	E/G, RSH	Second Submitted Date:	
Approved:		City Approval Date:	
Rev. 1:		By:	
Rev. 2:		By:	
Rev. 3:		By:	
As-Built:		By:	

**OIT Soccer & Track Facilities**  
**Construction Documents**  
 (95% Review Set)  
 Map No. 38-09-00, Tax Lot 4900  
 3201 Campus Drive, Klamath Falls, Oregon  
 City Project No. OIT-270-P-13-17

**VERIFY SCALES**  
 ORIGINAL DRAWING  
 BAR IS ONE INCH LONG  
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

**REGISTERED LANDSCAPE ARCHITECT**  
 548  
 ROBERT HARDING  
 OREGON  
 05/31/15

Sheet: 1 OF 25  
**F-1.1**  
 FIELD & TRACK  
 LAYOUT PLAN



Drawings name: K:\Files\Current Project Files\Oregon\Institute of Technology Drawings\F-0.1 OIT CURRENT 22x34.dwg  
 Plot Date: Dec 18, 2014, 1:48pm



### LAYOUT NOTES

FIELD & TRACK CONTINUED FROM SHEET F-1.1:

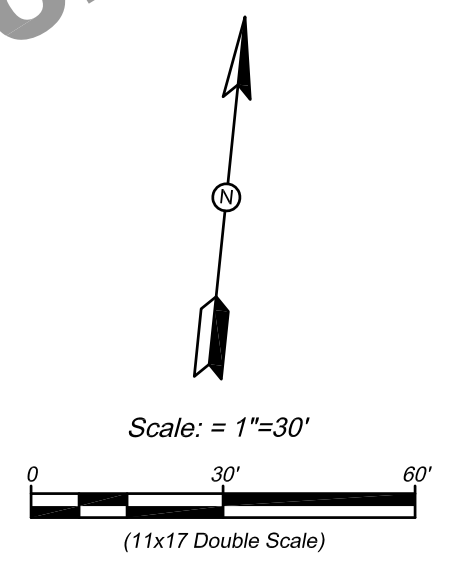
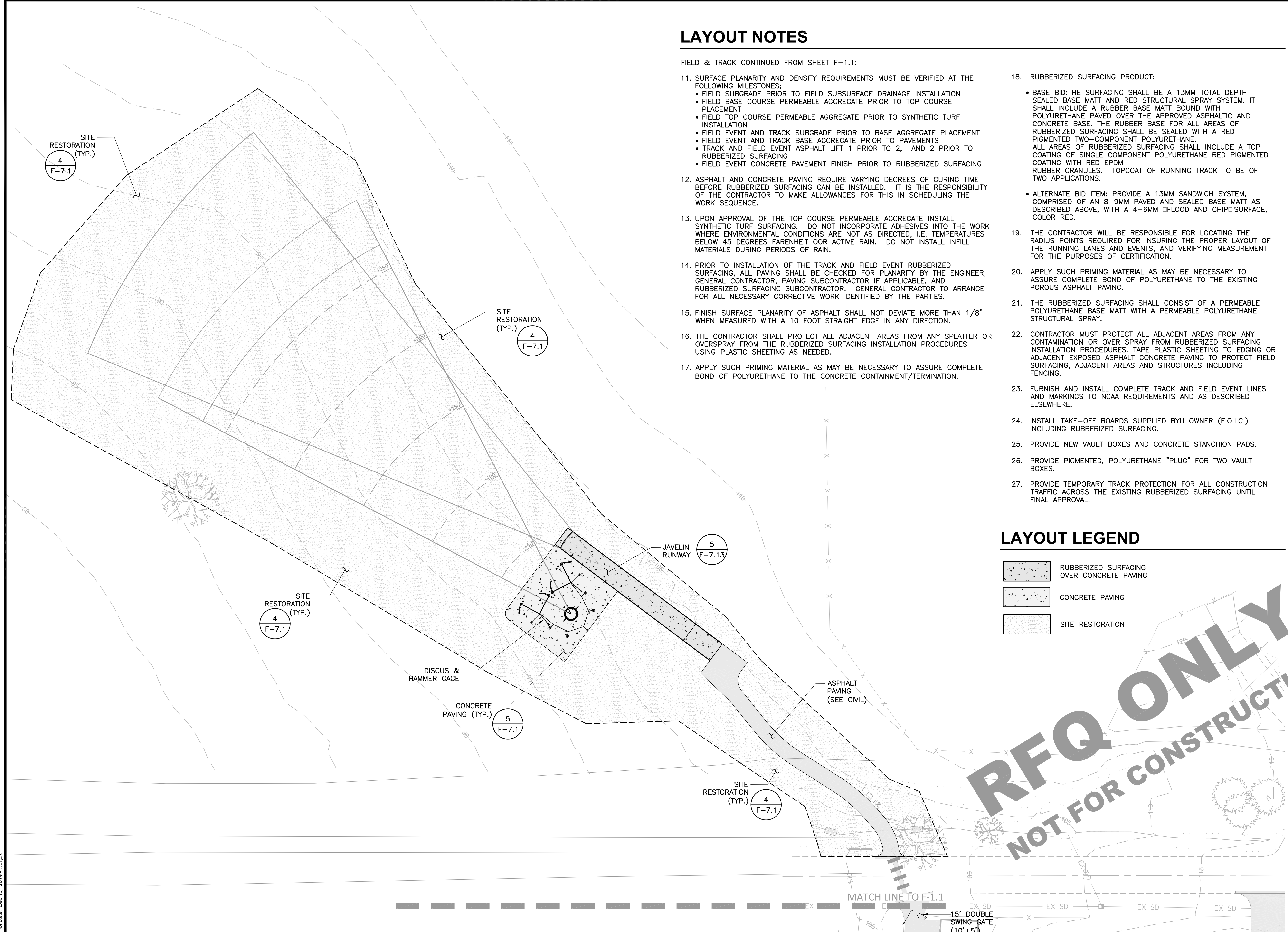
11. SURFACE PLANARITY AND DENSITY REQUIREMENTS MUST BE VERIFIED AT THE FOLLOWING MILESTONES:
  - FIELD SUBGRADE PRIOR TO FIELD SUBSURFACE DRAINAGE INSTALLATION
  - FIELD BASE COURSE PERMEABLE AGGREGATE PRIOR TO TOP COURSE PLACEMENT
  - FIELD TOP COURSE PERMEABLE AGGREGATE PRIOR TO SYNTHETIC TURF INSTALLATION
  - FIELD EVENT AND TRACK SUBGRADE PRIOR TO BASE AGGREGATE PLACEMENT
  - FIELD EVENT AND TRACK BASE AGGREGATE PRIOR TO PAVEMENTS
  - TRACK AND FIELD EVENT ASPHALT LIFT 1 PRIOR TO 2, AND 2 PRIOR TO RUBBERIZED SURFACING
  - FIELD EVENT CONCRETE PAVEMENT FINISH PRIOR TO RUBBERIZED SURFACING
12. ASPHALT AND CONCRETE PAVING REQUIRE VARYING DEGREES OF CURING TIME BEFORE RUBBERIZED SURFACING CAN BE INSTALLED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALLOWANCES FOR THIS IN SCHEDULING THE WORK SEQUENCE.
13. UPON APPROVAL OF THE TOP COURSE PERMEABLE AGGREGATE INSTALL SYNTHETIC TURF SURFACING. DO NOT INCORPORATE ADHESIVES INTO THE WORK WHERE ENVIRONMENTAL CONDITIONS ARE NOT AS DIRECTED, I.E. TEMPERATURES BELOW 45 DEGREES FAHRENHEIT OR ACTIVE RAIN. DO NOT INSTALL INFILL MATERIALS DURING PERIODS OF RAIN.
14. PRIOR TO INSTALLATION OF THE TRACK AND FIELD EVENT RUBBERIZED SURFACING, ALL PAVING SHALL BE CHECKED FOR PLANARITY BY THE ENGINEER, GENERAL CONTRACTOR, PAVING SUBCONTRACTOR IF APPLICABLE, AND RUBBERIZED SURFACING SUBCONTRACTOR. GENERAL CONTRACTOR TO ARRANGE FOR ALL NECESSARY CORRECTIVE WORK IDENTIFIED BY THE PARTIES.
15. FINISH SURFACE PLANARITY OF ASPHALT SHALL NOT DEVIATE MORE THAN 1/8" WHEN MEASURED WITH A 10 FOOT STRAIGHT EDGE IN ANY DIRECTION.
16. THE CONTRACTOR SHALL PROTECT ALL ADJACENT AREAS FROM ANY SPLATTER OR OVERSPRAY FROM THE RUBBERIZED SURFACING INSTALLATION PROCEDURES USING PLASTIC SHEETING AS NEEDED.
17. APPLY SUCH PRIMING MATERIAL AS MAY BE NECESSARY TO ASSURE COMPLETE BOND OF POLYURETHANE TO THE CONCRETE CONTAINMENT/TERMINATION.

### 18. RUBBERIZED SURFACING PRODUCT:

- BASE BID-THE SURFACING SHALL BE A 13MM TOTAL DEPTH SEALED BASE MATT AND RED STRUCTURAL SPRAY SYSTEM. IT SHALL INCLUDE A RUBBER BASE MATT BOUND WITH POLYURETHANE PAVED OVER THE APPROVED ASPHALTIC AND CONCRETE BASE. THE RUBBER BASE FOR ALL AREAS OF RUBBERIZED SURFACING SHALL BE SEALED WITH A RED PIGMENTED TWO-COMPONENT POLYURETHANE. ALL AREAS OF RUBBERIZED SURFACING SHALL INCLUDE A TOP COATING OF SINGLE COMPONENT POLYURETHANE RED PIGMENTED COATING WITH RED EPDM RUBBER GRANULES. TOPCOAT OF RUNNING TRACK TO BE OF TWO APPLICATIONS.
  - ALTERNATE BID ITEM: PROVIDE A 13MM SANDWICH SYSTEM, COMPRISED OF AN 8-9MM PAVED AND SEALED BASE MATT AS DESCRIBED ABOVE, WITH A 4-6MM FLOOD AND CHIP SURFACE, COLOR RED.
19. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING THE RADIUS POINTS REQUIRED FOR INSURING THE PROPER LAYOUT OF THE RUNNING LANES AND EVENTS, AND VERIFYING MEASUREMENT FOR THE PURPOSES OF CERTIFICATION.
  20. APPLY SUCH PRIMING MATERIAL AS MAY BE NECESSARY TO ASSURE COMPLETE BOND OF POLYURETHANE TO THE EXISTING POROUS ASPHALT PAVING.
  21. THE RUBBERIZED SURFACING SHALL CONSIST OF A PERMEABLE POLYURETHANE BASE MATT WITH A PERMEABLE POLYURETHANE STRUCTURAL SPRAY.
  22. CONTRACTOR MUST PROTECT ALL ADJACENT AREAS FROM ANY CONTAMINATION OR OVER SPRAY FROM RUBBERIZED SURFACING INSTALLATION PROCEDURES. TAPE PLASTIC SHEETING TO EDGING OR ADJACENT EXPOSED ASPHALT CONCRETE PAVING TO PROTECT FIELD SURFACING, ADJACENT AREAS AND STRUCTURES INCLUDING FENCING.
  23. FURNISH AND INSTALL COMPLETE TRACK AND FIELD EVENT LINES AND MARKINGS TO NCAA REQUIREMENTS AND AS DESCRIBED ELSEWHERE.
  24. INSTALL TAKE-OFF BOARDS SUPPLIED BY OWNER (F.O.I.C.) INCLUDING RUBBERIZED SURFACING.
  25. PROVIDE NEW VAULT BOXES AND CONCRETE STANCHION PADS.
  26. PROVIDE PIGMENTED, POLYURETHANE "PLUG" FOR TWO VAULT BOXES.
  27. PROVIDE TEMPORARY TRACK PROTECTION FOR ALL CONSTRUCTION TRAFFIC ACROSS THE EXISTING RUBBERIZED SURFACING UNTIL FINAL APPROVAL.

### LAYOUT LEGEND

- RUBBERIZED SURFACING OVER CONCRETE PAVING
- CONCRETE PAVING
- SITE RESTORATION



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Drawn By:	CPW, JS	Director Decision Date:	N/A
Designed By:	E/G	First Submitted Date:	12-08-2014
Checked By:	E/G, RSH	Second Submitted Date:	
Approved:		City Approval Date:	
Rev 1:	By: [Signature]	By:	
Rev 2:	By: [Signature]	By:	
Rev 3:	By: [Signature]	By:	
As-Built:			

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**REGISTERED**  
 548  
**ROBERT HARDING**  
**OREGON**  
 05/31/15  
**LANDSCAPE ARCHITECT**

Sheet: XX OF 25  
**F-1.2**  
 FIELD EVENTS  
 LAYOUT PLAN

Drawing Name: K:\Files\Current Project Files\Oregon\Institute of Technology Drawings\F-0.1 OIT CURRENT 22x34.dwg  
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