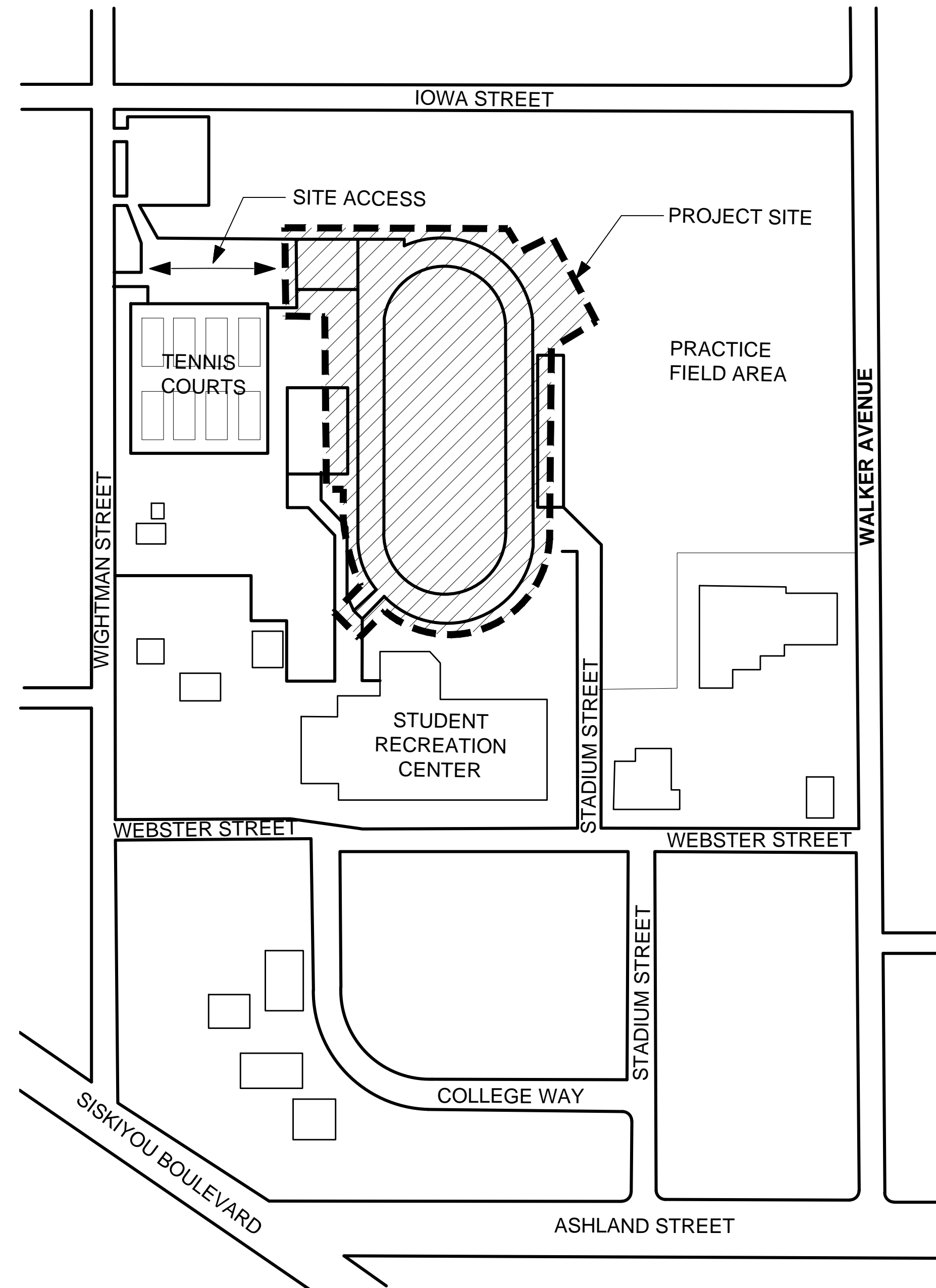
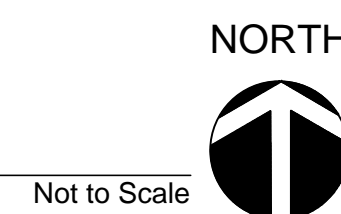


SOUTHERN OREGON UNIVERSITY TURF & TRACK REPLACEMENT



VICINITY MAP



PROJECT TEAM

OWNER

Southern Oregon University
1250 Siskiyou Boulevard
Ashland, OR 97520
Contact: Drew Gilliland, Director of Facilities, Management & Planning
P: 541.552.6233

LANDSCAPE ARCHITECT

Cameron McCarthy Landscape Architecture & Planning LLP
160 East Broadway
Eugene, OR 97401
P: 541.485.7385
F: 541.485.7389
Contact: Matt Scheibe, ASLA
Aaron Olsen, ASLA

LANDSCAPE ARCHITECT - ASHLAND

Covey Pardee Landscape Architecture
295 E. Main Street, No. 8
Ashland, OR 97520
P: 541.552.1015
Contact: Greg Covey, ASLA

CIVIL ENGINEER

Hardey Engineering & Assoc. Inc.
2870 Nansen Drive
Medford, OR 97501
P: 541.772.6880
Contact: Jim Higday

ELECTRICAL ENGINEER

Paradigm Engineering
85193 Appletree Drive
Eugene, OR 97405
P: 541.285.1680
Contact: Jim Krumsick, PE

DRAWING LIST

GENERAL

- G0.0 Cover Sheet
- S1.0 Topographic Survey (Existing Conditions)

CIVIL

- C1.0 Utility Plan
- D1.0 Drainage Details

LANDSCAPE

- L1.0 Site Plan
- L2.0 Layout Plan
- L3.0 Grading Plan
- L4.0 Field Markings Plan
- L5.0 Site Details
- L5.1 Track Details
- L6.0 Irrigation Demolition Plan
- L6.1 Irrigation Plan
- L6.2 Irrigation Legend & Details

ELECTRICAL

- E1.0 Electrical Site Plan
- E2.0 Power & Communication One Line Diagram

SOUTHERN OREGON UNIVERSITY
TURF & TRACK REPLACEMENT

SOUTHERN OREGON UNIVERSITY
1250 Siskiyou Blvd. Ashland, OR 97520

STAMP



Checked: _____ MS
Drawn By: _____ NR
Checked: _____ MS
Project #: 1340 C
Date: 04/04/2014

Rev. #: _____ Date: _____

100%
CONSTRUCTION
DOCUMENTS

SHEET TITLE

COVER
SHEET

SHEET #

G0.0

TOPOGRAPHIC SITE SURVEY

LOCATED AT

Southern Oregon University Football Field & Track Project

LYING SITUATE WITHIN

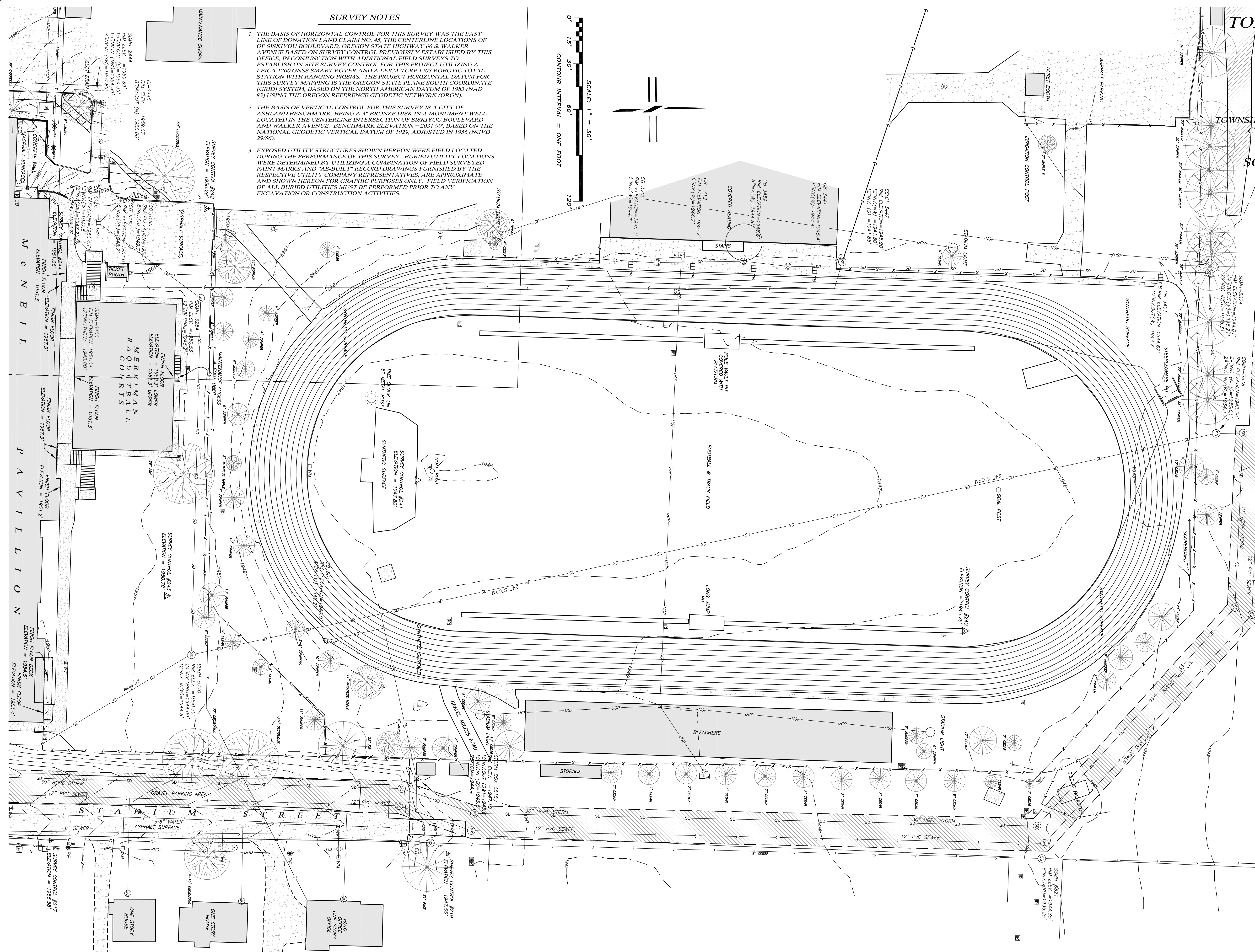
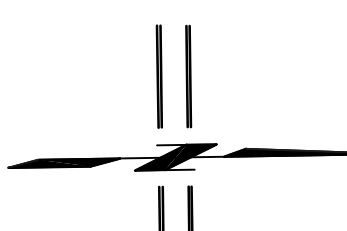
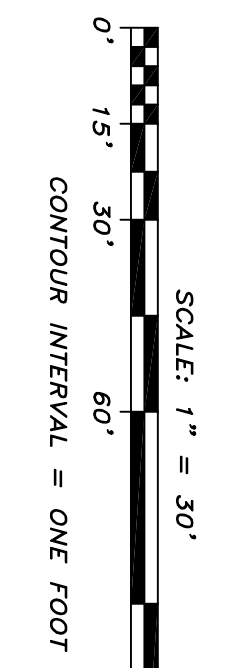
SOUTHWEST QUARTER OF SECTION 10,
TOWNSHIP 39 SOUTH, RANGE 1 EAST, WILLAMETTE MERIDIAN
CITY OF ASHLAND, JACKSON COUNTY, OREGON

FOR

SOUTHERN OREGON UNIVERSITY

351 Walker Avenue
Ashland, Oregon 97520

- ### SURVEY NOTES
1. THE BASIS OF HORIZONTAL CONTROL FOR THIS SURVEY WAS THE EAST LINE OF DONATION LAND CLAIM NO. 45, THE CENTERLINE LOCATIONS OF SISKIYOU BOULEVARD, OREGON STATE HIGHWAY 66 & WALKER AVENUE BASED ON SURVEY CONTROL PREVIOUSLY ESTABLISHED BY THIS OFFICE, IN CONJUNCTION WITH ADDITIONAL FIELD SURVEYS TO ESTABLISH ON-SITE SURVEY CONTROL FOR THIS PROJECT UTILIZING A LEICA 1200 GNSS SMART ROVER AND A LEICA TCRP 1203 ROBOTIC TOTAL STATION WITH RANGING PRISMS. THE PROJECT HORIZONTAL DATUM FOR THIS SURVEY MAPPING IS THE OREGON STATE PLANE SOUTH COORDINATE (GRID) SYSTEM, BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD 83) USING THE OREGON REFERENCE GEODETIC NETWORK (ORGN).
 2. THE BASIS OF VERTICAL CONTROL FOR THIS SURVEY IS A CITY OF ASHLAND BENCHMARK BEING A 3" BRONZE DISK IN A MONUMENT WELL LOCATED IN THE CENTERLINE INTERSECTION OF SISKIYOU BOULEVARD AND WALKER AVENUE. BENCHMARK ELEVATION = 2031.90', BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929, ADJUSTED IN 1956 (NGVD 2956).
 3. EXPOSED UTILITY STRUCTURES SHOWN HEREON WERE FIELD LOCATED DURING THE PERFORMANCE OF THIS SURVEY. BURIED UTILITY LOCATIONS WERE DETERMINED BY UTILIZING A COMBINATION OF FIELD SURVEYED PAINT MARKS AND "AS-BUILT" RECORD DRAWINGS FURNISHED BY THE RESPECTIVE UTILITY COMPANY REPRESENTATIVES. ARE APPROXIMATE AND SHOWN HEREON FOR GRAPHIC PURPOSES ONLY. FIELD VERIFICATION OF ALL BURIED UTILITIES MUST BE PERFORMED PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITIES.



LEGEND

	SURVEY CONTROL POINT
	PROPERTY BOUNDARY LINE
	BOUNDARY LINE
	CENTERLINE
	EASEMENT LINE
	FENCE LINE
	WATER LINE
	IRRIGATION LINE
	BURIED NATURAL GAS LINE
	SANITARY SEWER LINE
	STORM DRAIN LINE
	OVERHEAD POWER LINE
	UNDERGROUND POWER LINE
	ROCK WALL
	CONTOUR LINE
	GUY ANCHOR
	POWER POLE
	POWER TRANSFORMER
	JUNCTION BOX
	HEAT PUMP
	ELECTRIC METER
	LIGHT POLE
	WATER METER
	WATER VALVE
	FIRE HYDRANT
	FIRE DEPT. CONNECTION
	AREA DRAIN
	CATCHBASIN
	STORM SEWER MANHOLE
	SANITARY SEWER MANHOLE
	CLEANOUT
	TELEPHONE PEDESTAL
	CABLE TV PEDESTAL
	GAS VALVE
	IRRIGATION BOX
	SOILS TEST HOLE
	MAILBOX
	SIGNAL POLE
	SIGNAL CONTROL BOX
	SIGNAL CONTROL JUNCTION BOX
	SIGN POST
	HANDICAP PARKING
	BUILDING
	CONCRETE SURFACE
	ASPHALT SURFACE
	CITY OF ASHLAND UTILITY EASEMENT
	CONIFER TREE (AS DESCRIBED)
	DECIDUOUS TREE (AS DESCRIBED)

REGISTERED PROFESSIONAL LAND SURVEYOR
OREGON
SHAWN KAMPMANN
2883 LS
RENEWAL DATE: 6/30/2015

SURVEYED BY:
POLARIS LAND SURVEYING LLC
P.O. BOX 459
ASHLAND, OREGON 97520
(541) 482-5009

DATE: OCTOBER 18, 2013
PROJECT NO. 620-10

Assessor's Map No. 39 1E 10 CD, Tax Lot 100 & 39 1E 10 CA, Tax Lot 100

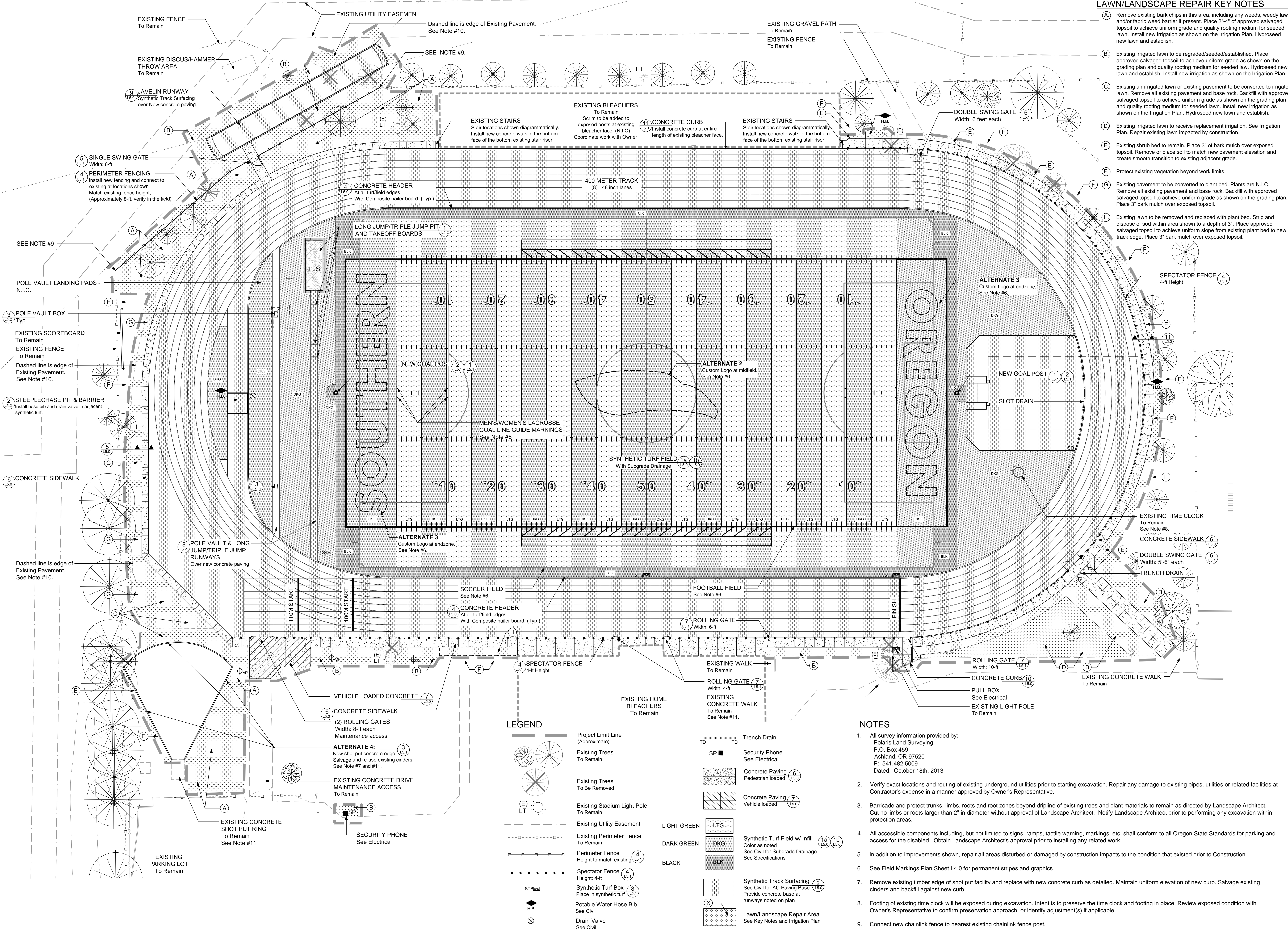
LAWN/LANDSCAPE REPAIR KEY NOTES

- (A) Remove existing bark chips in this area, including any weeds, weedy lawn and/or fabric weed barrier if present. Place 2"-4" of approved salvaged topsoil to achieve uniform grade and quality rooting medium for seeded lawn. Install new irrigation as shown on the Irrigation Plan. Hydroseed new lawn and establish.
- (B) Existing irrigated lawn to be regraded/seeded/established. Place approved salvaged topsoil to achieve uniform grade as shown on the grading plan and quality rooting medium for seeded lawn. Hydroseed new lawn and establish. Install new irrigation as shown on the Irrigation Plan.
- (C) Existing un-irrigated lawn or existing pavement to be converted to irrigated lawn. Remove all existing pavement and base rock. Backfill with approved salvaged topsoil to achieve uniform grade as shown on the grading plan and quality rooting medium for seeded lawn. Install new irrigation as shown on the Irrigation Plan. Hydroseed new lawn and establish.
- (D) Existing irrigated lawn to receive replacement irrigation. See Irrigation Plan. Repair existing lawn impacted by construction.
- (E) Existing shrub bed to remain. Place 3" of bark mulch over exposed topsoil. Remove or place soil to match new pavement elevation and create smooth transition to existing adjacent grade.
- (F) Protect existing vegetation beyond work limits.
- (G) Existing pavement to be converted to plant bed. Plants are N.I.C. Remove all existing pavement and base rock. Backfill with approved salvaged topsoil to achieve uniform grade as shown on the grading plan. Place 3" bark mulch over exposed topsoil.
- (H) Existing lawn to be removed and replaced with plant bed. Strip and dispose of sod within area shown to a depth of 3". Place approved salvaged topsoil to achieve uniform slope from existing plant bed to new track edge. Place 3" bark mulch over exposed topsoil.

CAMERON MCCARTHY
 LANDSCAPE ARCHITECTURE & PLANNING
 180 East Bowline • Eugene Oregon 97401 • P: 541.482.7888
 www.cameronmccarthy.com • F: 541.482.7888

CONSULTANTS
 LOGO

**SOUTHERN OREGON UNIVERSITY
 TURF & TRACK REPLACEMENT**
 SOUTHERN OREGON UNIVERSITY
 1250 Siskiyou Blvd. Ashland, OR 97520



SITE PLAN

LEGEND

- Project Limit Line (Approximate)
- Existing Trees To Remain
- Existing Trees To Be Removed
- Existing Stadium Light Pole To Remain
- Existing Utility Easement
- Existing Perimeter Fence To Remain
- Perimeter Fence Height to match existing
- Spectator Fence
- Synthetic Turf Box
- Potable Water Hose Bib
- Drain Valve
- Slot Drain
- Area Drain
- Trench Drain
- Security Phone
- Concrete Paving Pedestrian loaded
- Concrete Paving Vehicle loaded
- Synthetic Turf Field w/ Infill
- Synthetic Track Surfacing
- Lawn/Landscape Repair Area
- Long Jump/Triple Jump Pit Sand

NOTES

1. All survey information provided by: Polaris Land Surveying, P.O. Box 459, Ashland, OR 97520, P: 541.482.5009, Dated: October 18th, 2013.
2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
3. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Landscape Architect. Cut no limbs or roots larger than 2" in diameter without approval of Landscape Architect. Notify Landscape Architect prior to performing any excavation within protection areas.
4. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled. Obtain Landscape Architect's approval prior to installing any related work.
5. In addition to improvements shown, repair all areas disturbed or damaged by construction impacts to the condition that existed prior to Construction.
6. See Field Markings Plan Sheet L4.0 for permanent stripes and graphics.
7. Remove existing timber edge of shot put facility and replace with new concrete curb as detailed. Maintain uniform elevation of new curb. Salvage existing cinders and backfill against new curb.
8. Footing of existing time clock will be exposed during excavation. Intent is to preserve the time clock and footing in place. Review exposed condition with Owner's Representative to confirm preservation approach, or identify adjustment(s) if applicable.
9. Connect new chainlink fence to nearest existing chainlink fence post.
10. Where noted at Landscape Repair Area, remove pavement and base rock below new landscape.
11. Topographic survey does not include the existing element noted and is shown diagrammatically. Verify existing condition in the field and notify Owner's Representative of any discrepancies.

REGISTERED
 LANDSCAPE ARCHITECT
 MATTHEW K. SCHEIBE
 5/9/97

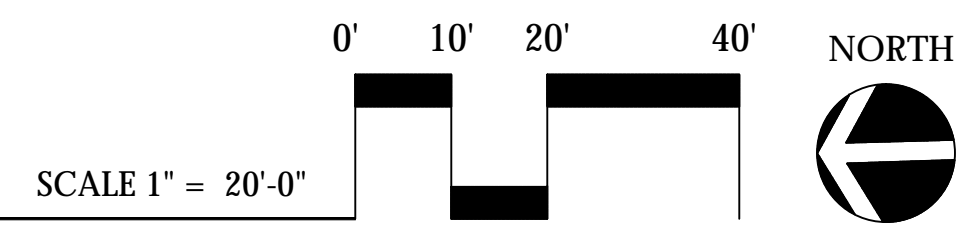
Checked: _____ MS
 Drawn By: _____ NR
 Project #: 1340 C
 Date: 04/04/2014
 Rev. #: _____ Date: _____

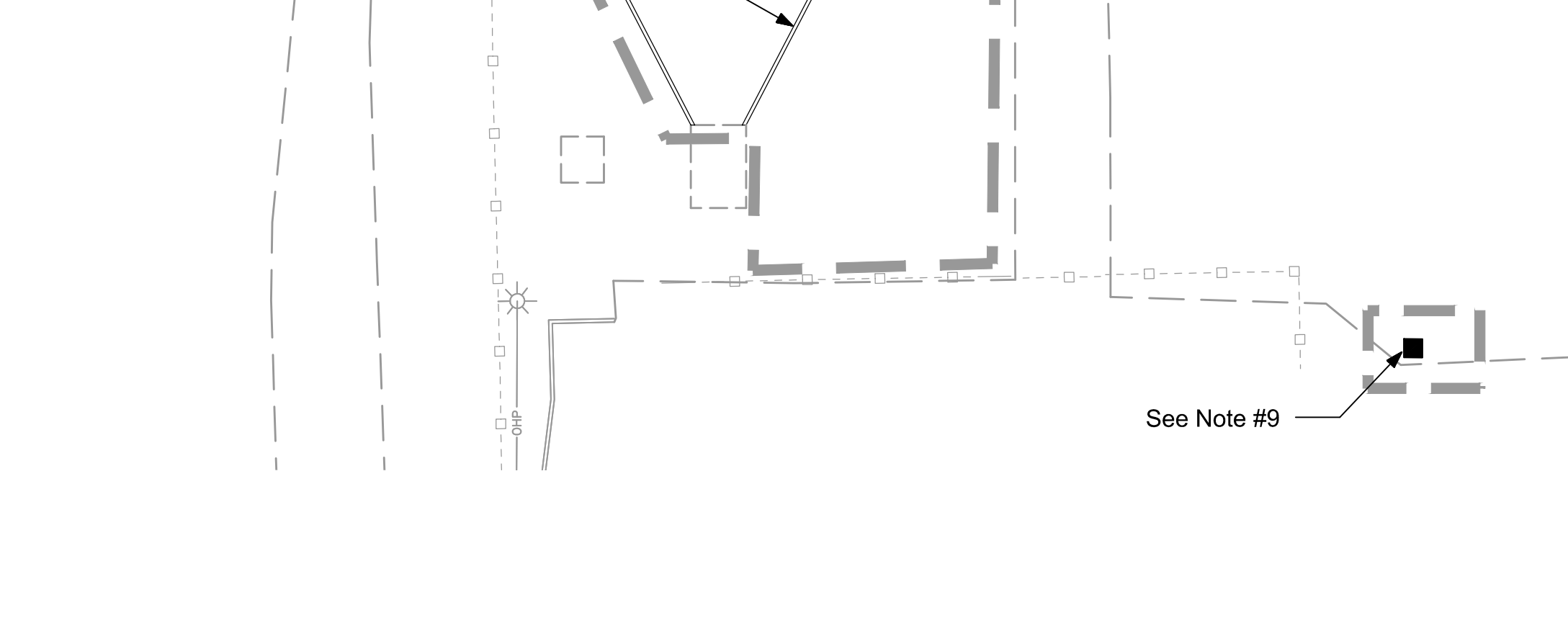
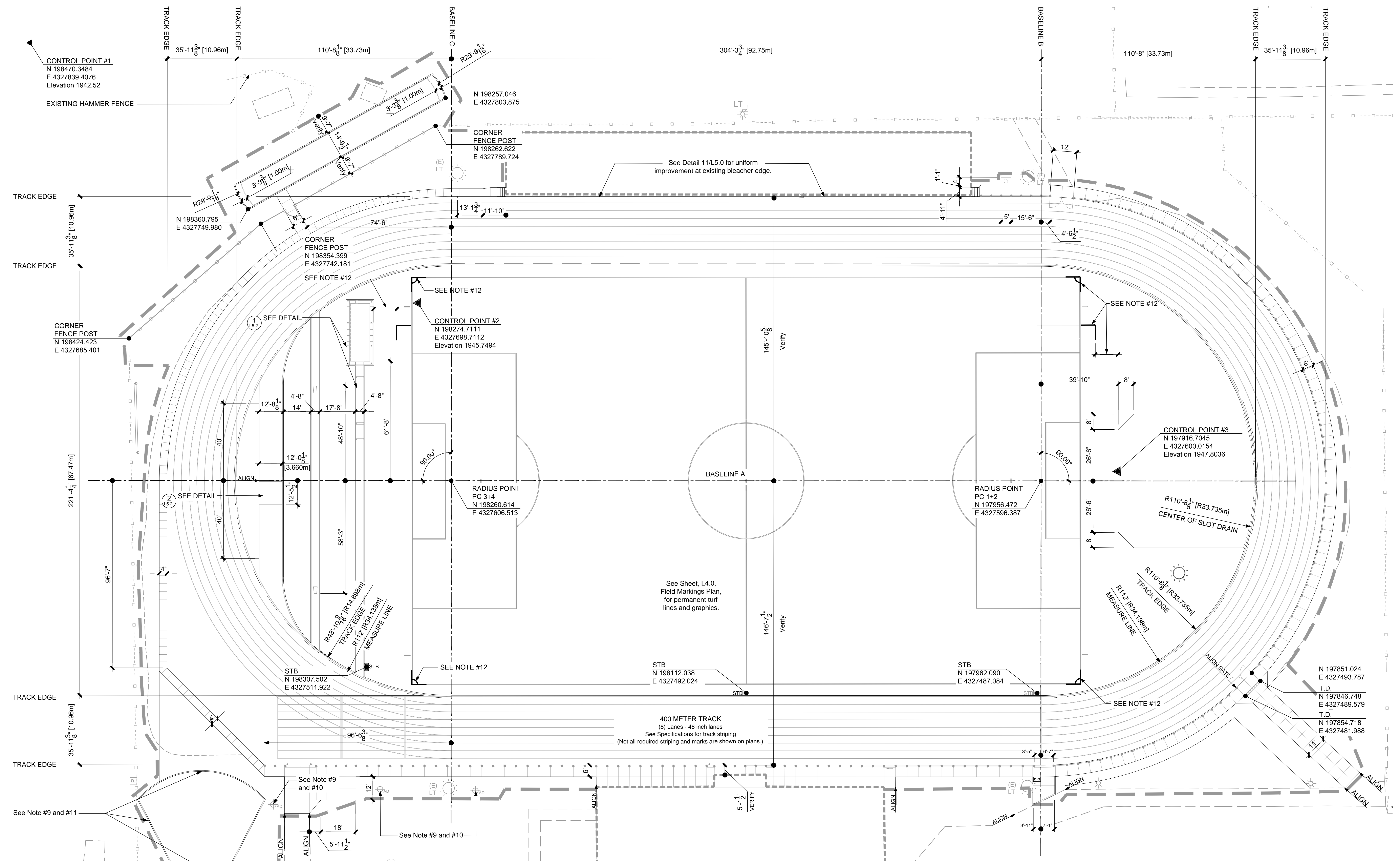
100%
 CONSTRUCTION
 DOCUMENTS

SHEET TITLE

SHEET #

L1.0



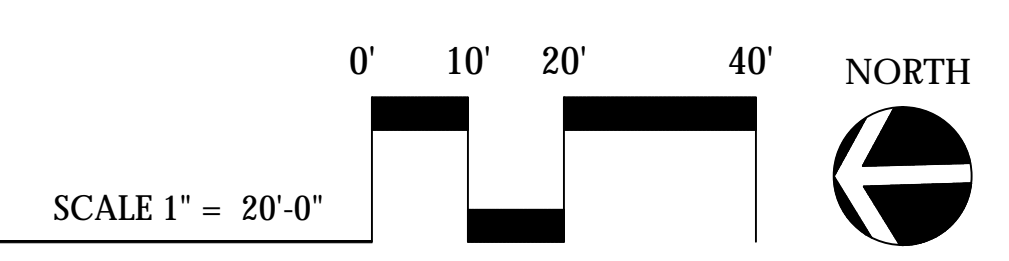


SPECIAL NOTE
 Field event layout shall be staked by the contractor after excavation and prior to installation. The exact location of field events shall be reviewed by the Owner and Landscape Architect. Obtain Owner's and Landscape Architect's approval prior to installing any related work.

- LEGEND**
- Limit of Work (Approximate)
 - Baseline
 - 1' [0.30] Dimension - Standard/Metric See Note #6
 - 1' Dimension
 - 1' Dimension from Existing Element or Baseline
 - Northing/Easting Coordinate Point
 - Center of Synthetic Turf Box See Note #8.
 - Control Point See Control Point Schedule

- NOTES**
1. All survey information provided by: Polaris Land Surveying P.O. Box 459 Ashland, OR 97520 P: 541.482.5009 Dated: October 18th, 2013
 2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Authorized Representative.
 3. Cease layout work and notify Owner's Authorized Representative of any discrepancies in Project Benchmarks, Control Points, coordinates, dimensions, degrees, locations, stakes, etc. Obtain approval prior to executing any layout work different from that shown or specified.
 4. All coordinates and dimensions are at face of element (curb, walk, building, or wall) unless noted otherwise.
 5. All concrete paving joints not specifically dimensioned shall be equally spaced between shown or noted limits.
 6. Standard Units supplied for Contractor's convenience. Ensure all metric dimensions are achieved.
 7. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled.
 8. Coordinates shown at junction boxes are the center of the box. Adjust final box placement square to and abutting adjacent elements such as curbs and runways.
 9. Topographic survey of existing conditions does not include this area. The improvements shown are approximate and subject to field adjustment based on actual conditions. Coordinate with Owner's Representative.
 10. Locations of existing drains are approximate. Intent is to place new drains at resulting low point in landscape to be repaired.
 11. Location of replacement shot put curb is approximate. Confirm final location in the field with Owner's Representative's Approval.
 12. Verify track edge is 3'-6" minimum from soccer field corner kick striping and 12'-0" clear from football endzone stripe. See Sheet L4.0, Field Marking Plan. Notify Owner's Representative of any discrepancies prior to construction.

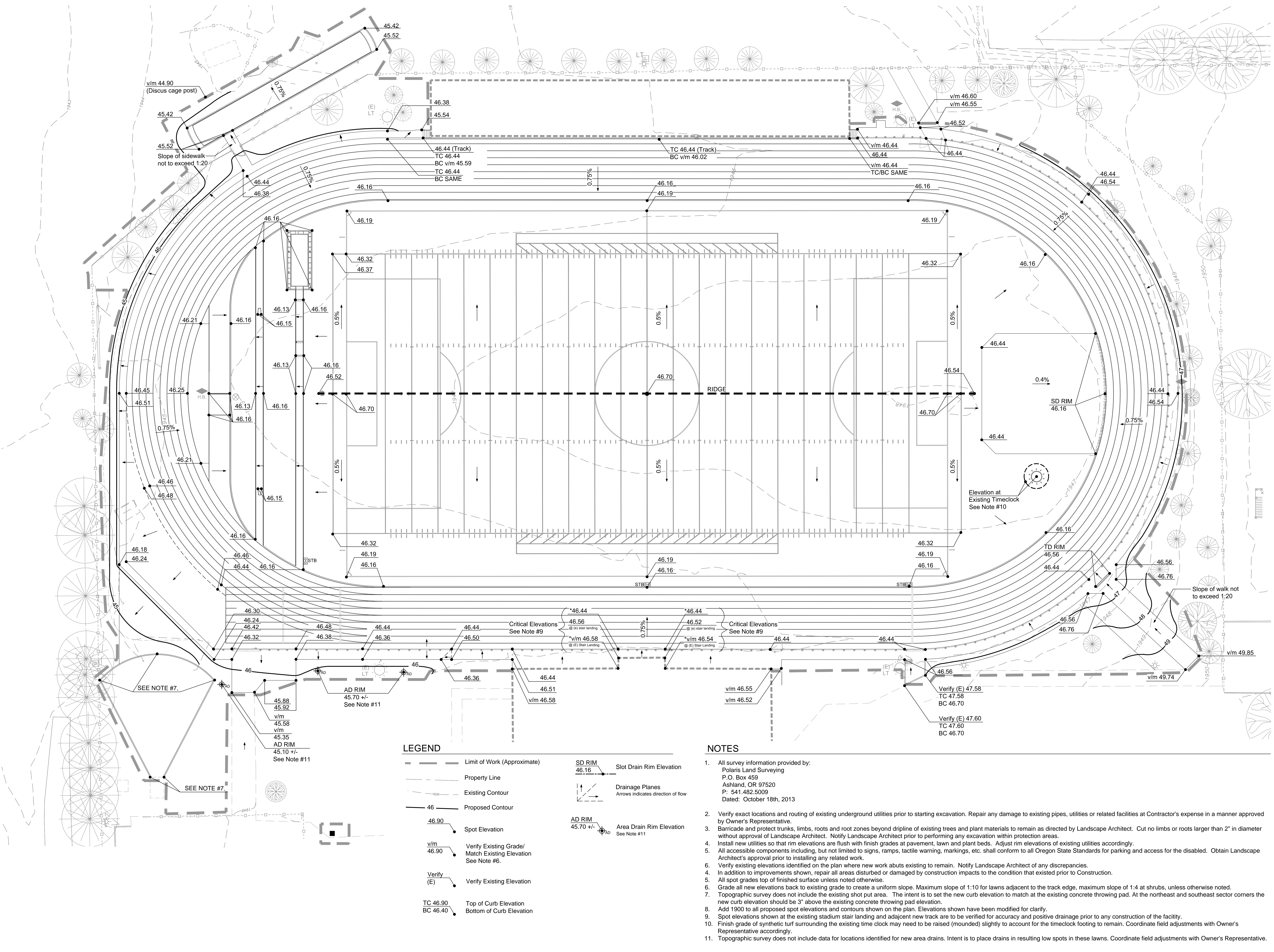
LAYOUT PLAN



STAMP

Checked: _____ MS
 Drawn By: _____ NR
 Checked: _____ MS
 Project #: 1340.C
 Date: 04/04/2014

Rev. #: _____ Date: _____



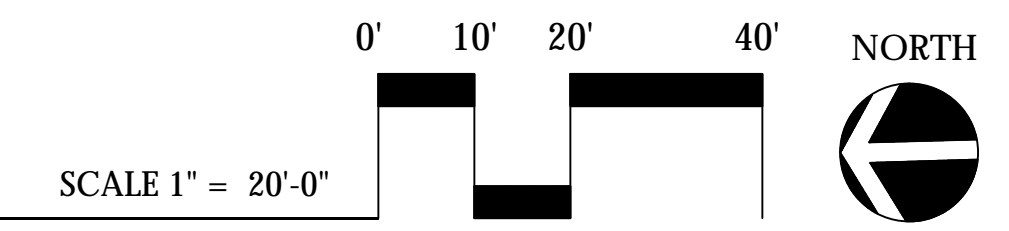
LEGEND

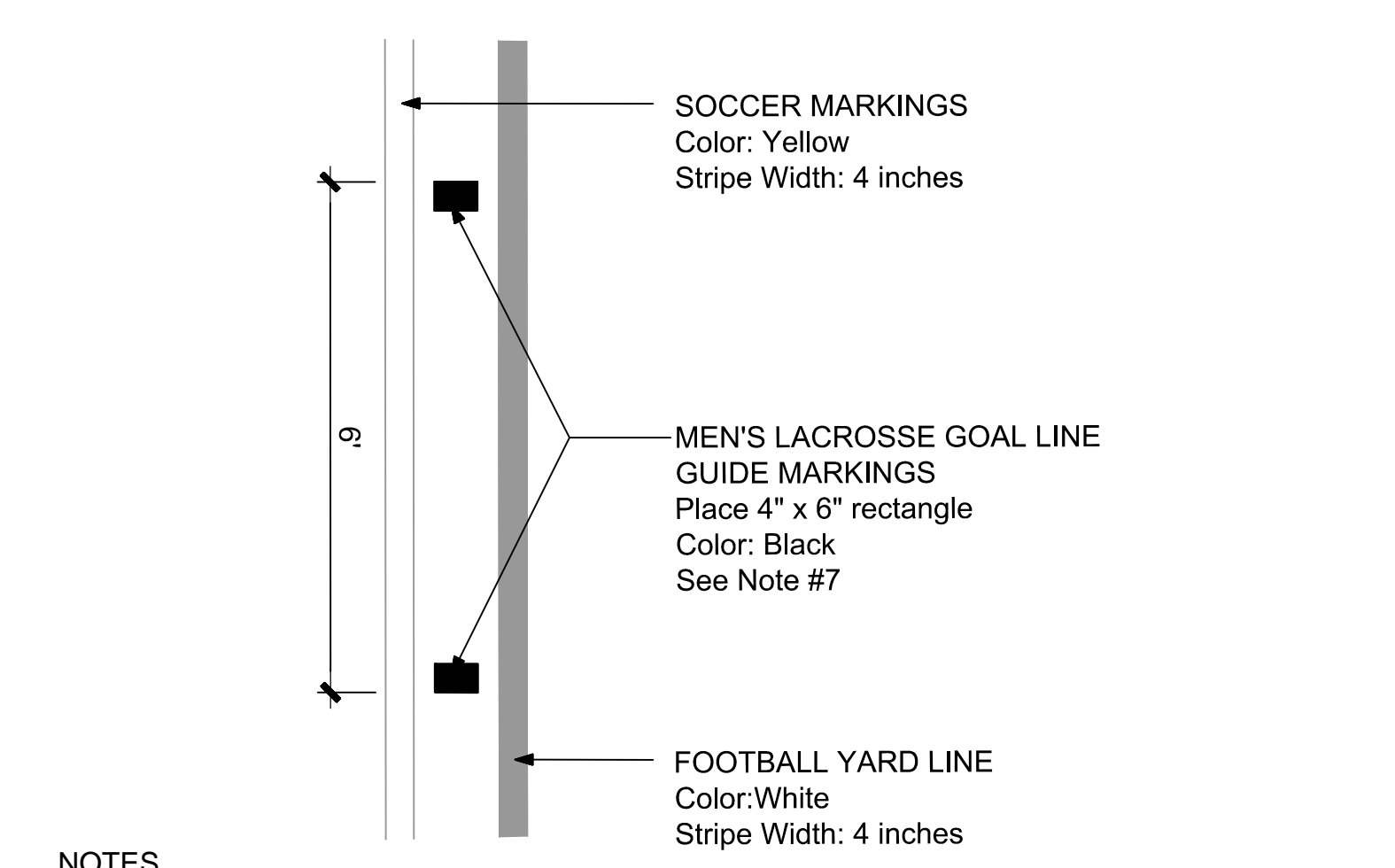
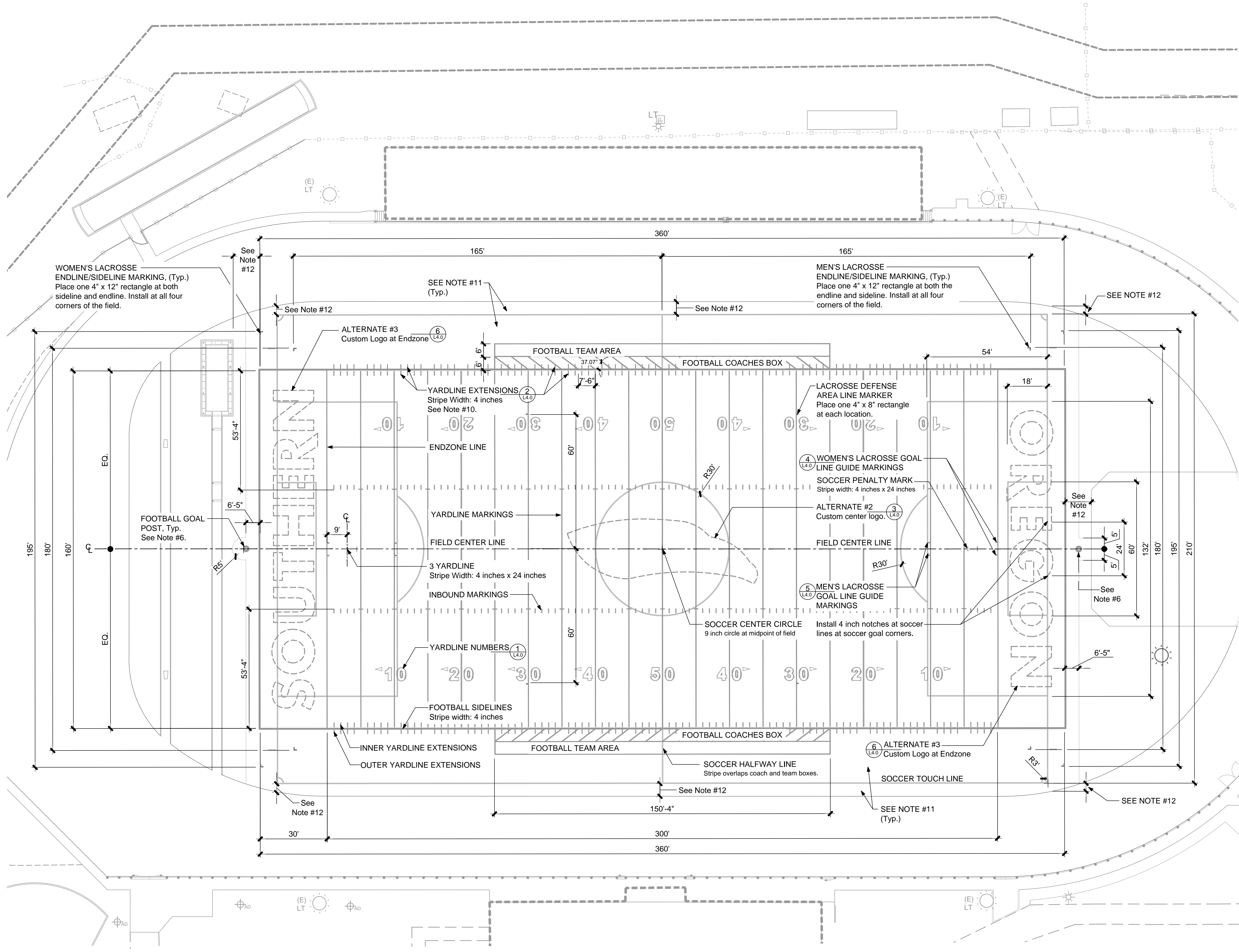
- Limit of Work (Approximate)
- - - Property Line
- - - Existing Contour
- Proposed Contour
- 46.90 Spot Elevation
- v/m 46.90 Verify Existing Grade/
Match Existing Elevation
See Note #6.
- Verify (E) Verify Existing Elevation
- TC 46.90 Top of Curb Elevation
BC 46.40 Bottom of Curb Elevation
- SD RIM 46.16 Slot Drain Rim Elevation
- AD RIM 45.70 +/- Area Drain Rim Elevation
See Note #11
- Drainage Planes
Arrows indicates direction of flow

NOTES

1. All survey information provided by:
 Polaris Land Surveying
 P.O. Box 459
 Ashland, OR 97520
 P: 541.482.5009
 Dated: October 18th, 2013
2. Verify exact locations and routing of existing underground utilities prior to starting excavation. Repair any damage to existing pipes, utilities or related facilities at Contractor's expense in a manner approved by Owner's Representative.
3. Barricade and protect trunks, limbs, roots and root zones beyond dripline of existing trees and plant materials to remain as directed by Landscape Architect. Cut no limbs or roots larger than 2" in diameter without approval of Landscape Architect. Notify Landscape Architect prior to performing any excavation within protection areas.
4. Install new utilities so that rim elevations are flush with finish grades at pavement, lawn and plant beds. Adjust rim elevations of existing utilities accordingly.
5. All accessible components including, but not limited to signs, ramps, tactile warning, markings, etc. shall conform to all Oregon State Standards for parking and access for the disabled. Obtain Landscape Architect's approval prior to installing any related work.
6. Verify existing elevations identified on the plan where new work abuts existing to remain. Notify Landscape Architect of any discrepancies.
4. In addition to improvements shown, repair all areas disturbed or damaged by construction impacts to the condition that existed prior to Construction.
5. All spot grades top of finished surface unless noted otherwise.
6. Grade all new elevations back to existing grade to create a uniform slope. Maximum slope of 1:10 for lawns adjacent to the track edge, maximum slope of 1:4 at shrubs, unless otherwise noted.
7. Topographic survey does not include the existing spot pad area. The intent is to set the new curb elevation to match at the existing concrete throwing pad. At the northeast and southeast sector corners the new curb elevation should be 3" above the existing concrete throwing pad elevation.
8. Add 1900 to all proposed spot elevations and contours shown on the plan. Elevations shown have been modified for clarity.
9. Spot elevations shown at the existing stadium stair landing and adjacent new track are to be verified for accuracy and positive drainage prior to any construction of the facility.
10. Finish grade of synthetic turf surrounding the existing time clock may need to be raised (mounded) slightly to account for the timeclock footing to remain. Coordinate field adjustments with Owner's Representative accordingly.
11. Topographic survey does not include data for locations identified for new area drains. Intent is to place drains in resulting low spots in these lawns. Coordinate field adjustments with Owner's Representative.

GRADING PLAN





NOTES
1. Install at both ends of the field.

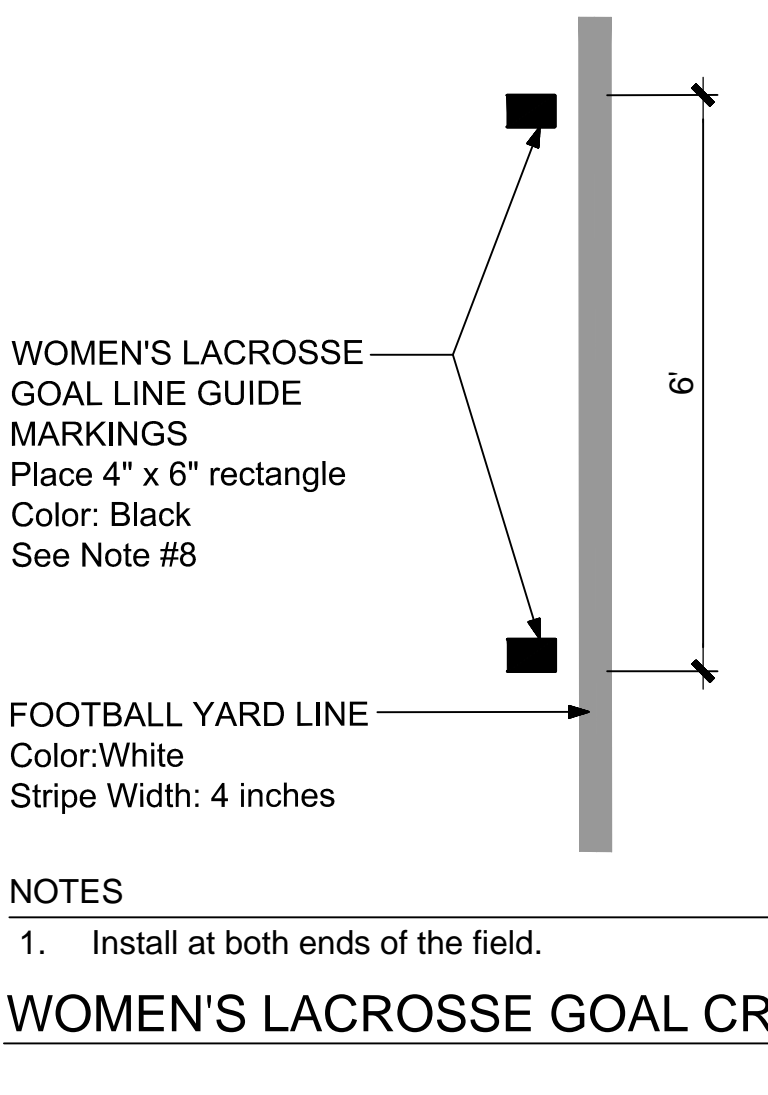
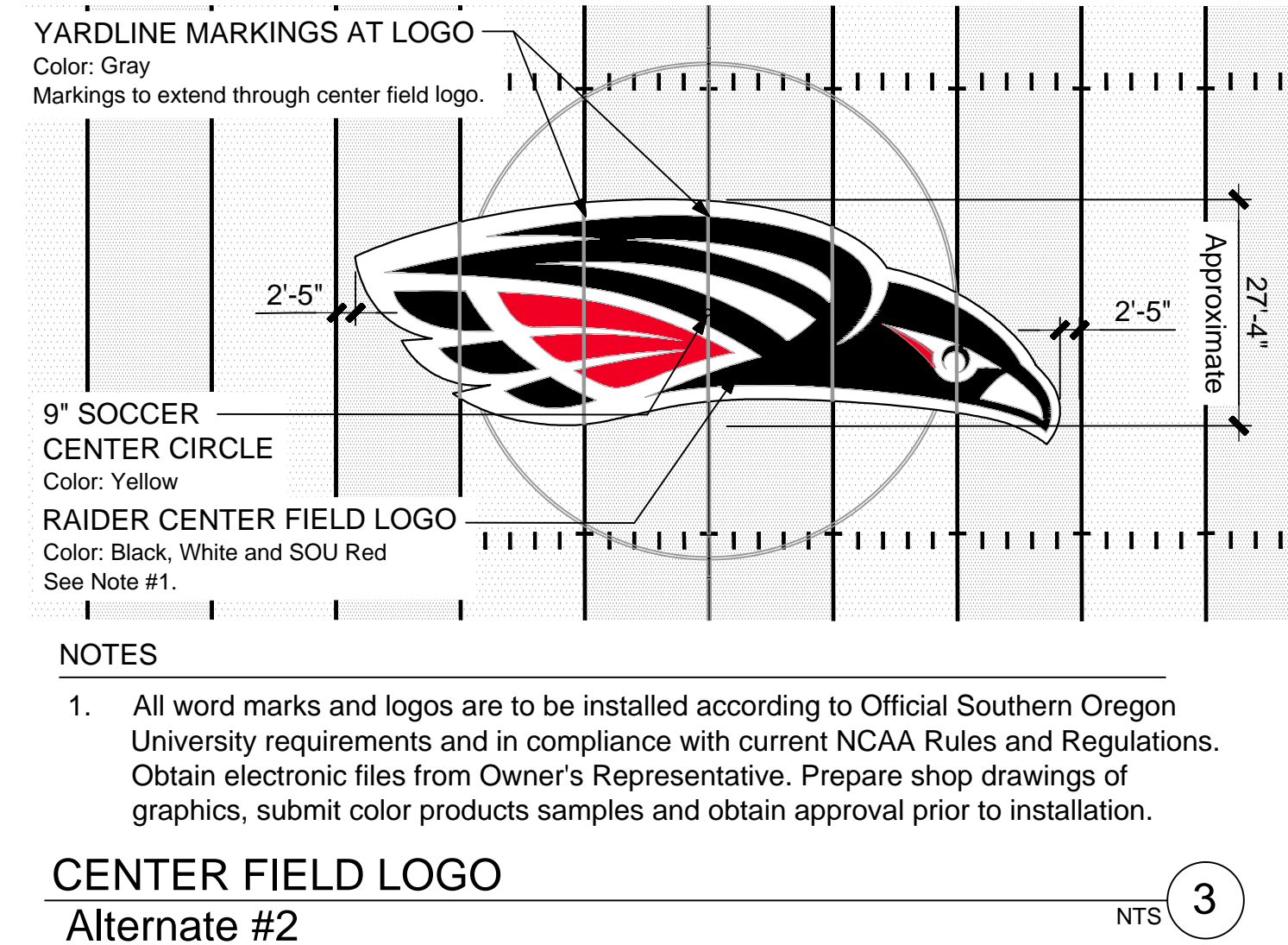
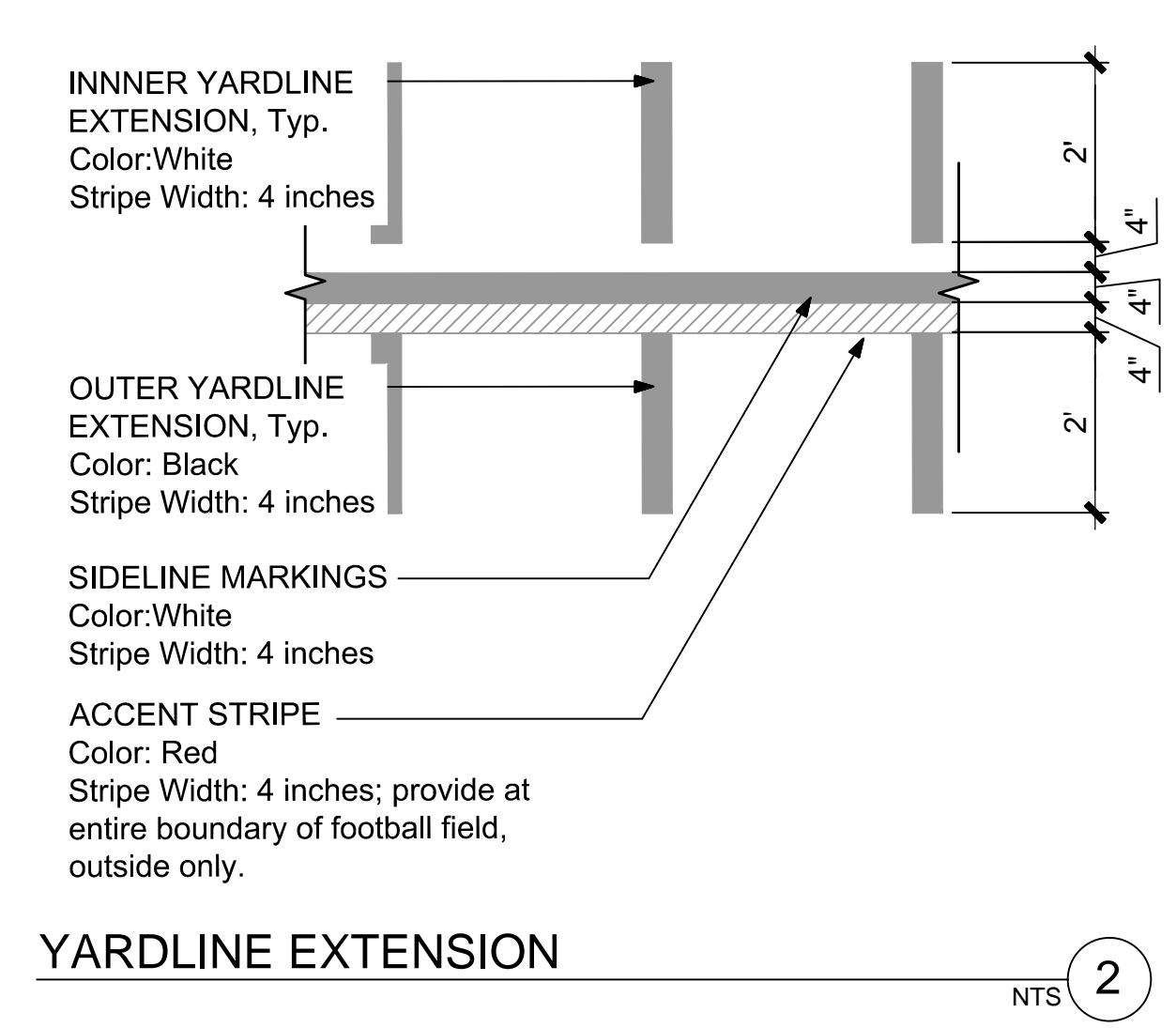
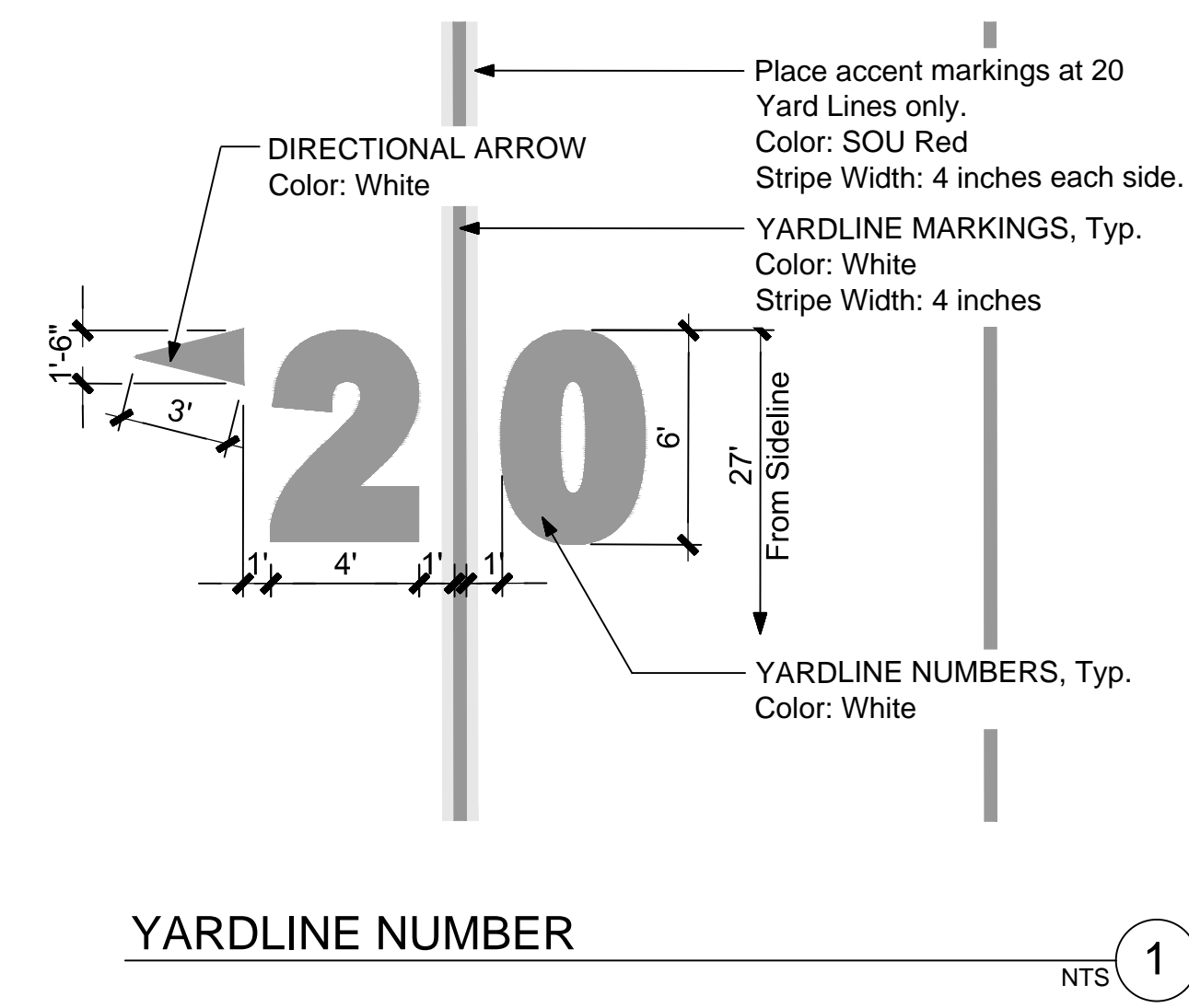


NOTES
1. See Field Markings Plan Notes #2.
2. Items with asterisks (*) apply to both Base Bid and Alternate #3.

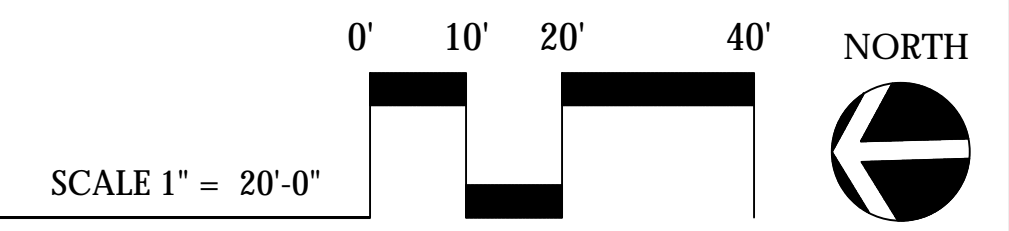
FIELD MARKINGS SCHEDULE

Football	Color: White Width: 4 inches, unless otherwise noted.
Soccer	Color: Yellow Width: 4 inches, unless otherwise noted.
Men's & Women's Lacrosse	Lacrosse tick markings and goal line guides Color: Black Stripe: 4 inches

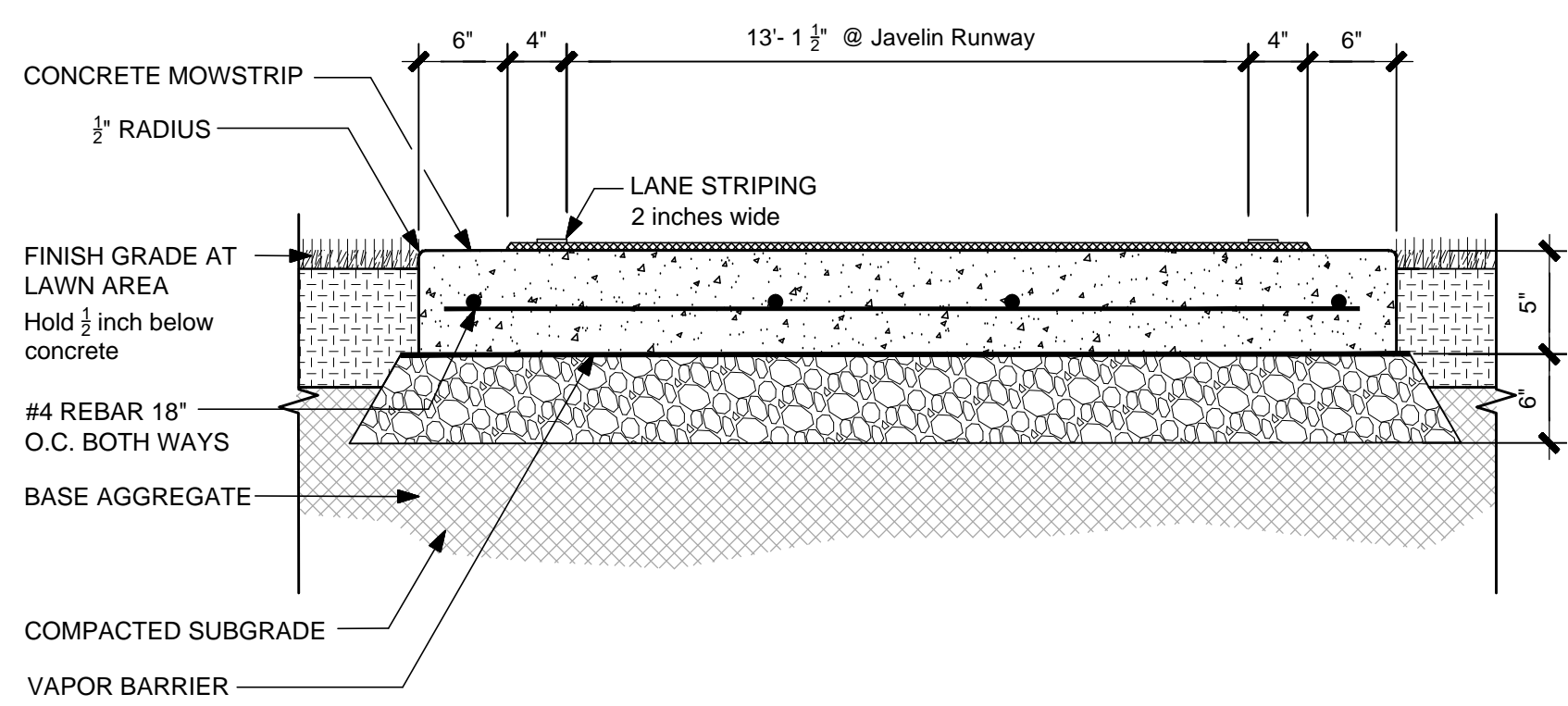
- NOTES**
- All survey information provided by: Polaris Land Surveying, P.O. Box 459, Ashland, OR 97520, P: 541.482.5009, Dated: October 18th, 2013
 - All wordmarks and Logos are to be installed according to the Official Southern Oregon University requirements. Obtain electronic files from Owner's Representative. Prepare full color shop drawings of all lines, numbers and graphic. Submit color product samples and obtain approval prior to installation.
 - Football markings shall be the dominant markings where they intersect other field markings, except where noted.
 - Notify Owner's Representative of any discrepancies with dimensions and obtain approval of any required adjustments prior to installation.
 - Install football and soccer markings to conform with current NCAA Rules and Regulations and Field Diagram Guide.
 - Ensure that field goal uprights are in line with the center of back of endzone and centered on the field per the NCAA Rules and Regulations.
 - Not Used.
 - Not Used.
 - Not Used.
 - Place additional yard line extension markings on the outside perimeter of the football field. Yard line extensions within the coach's box should be dominant markings.
 - See Site Plan for delineation between the primary turf field colors of dark green, light green and black.
 - Verify track edge is 3'-6" minimum from soccer field corner kick striping, 5'-10" minimum clear from soccer sideline and 12'-0" clear from football endzone stripe. Notify Owner's Representative of any discrepancies prior to construction.



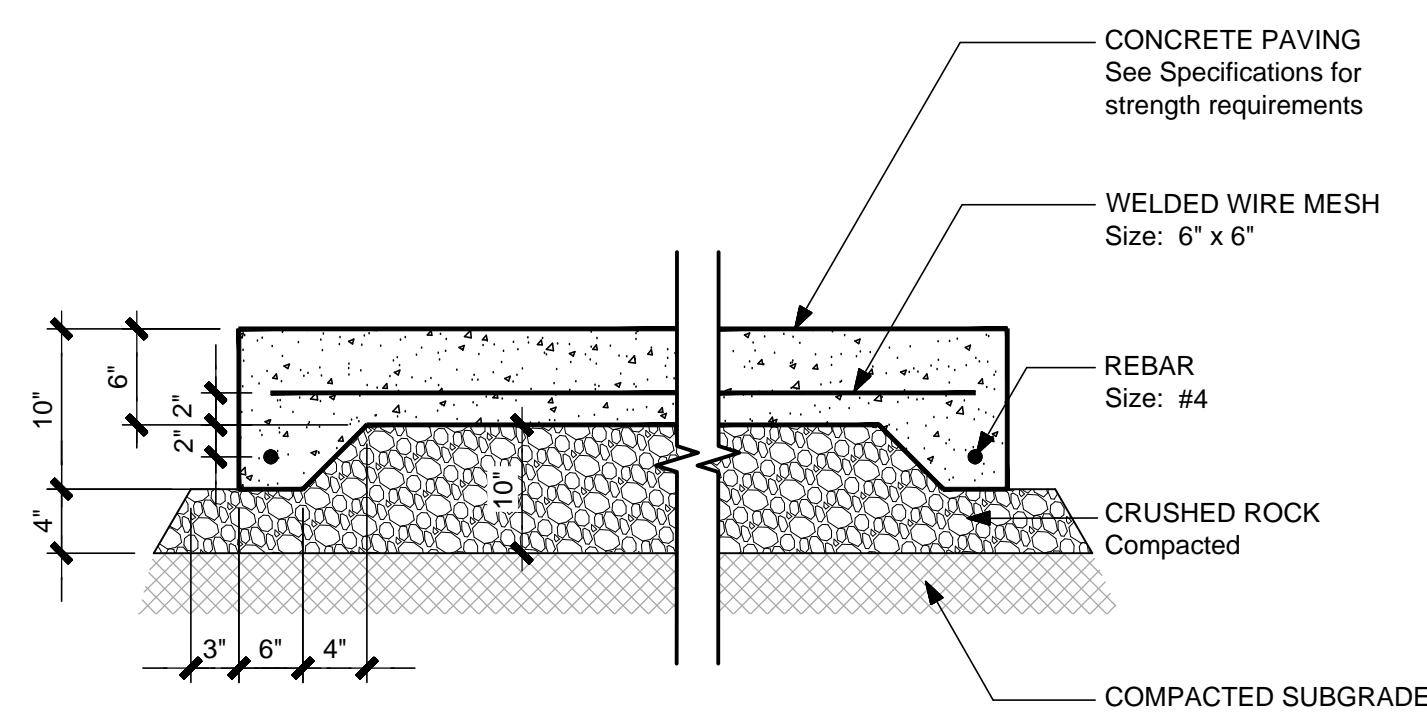
FIELD MARKINGS PLAN



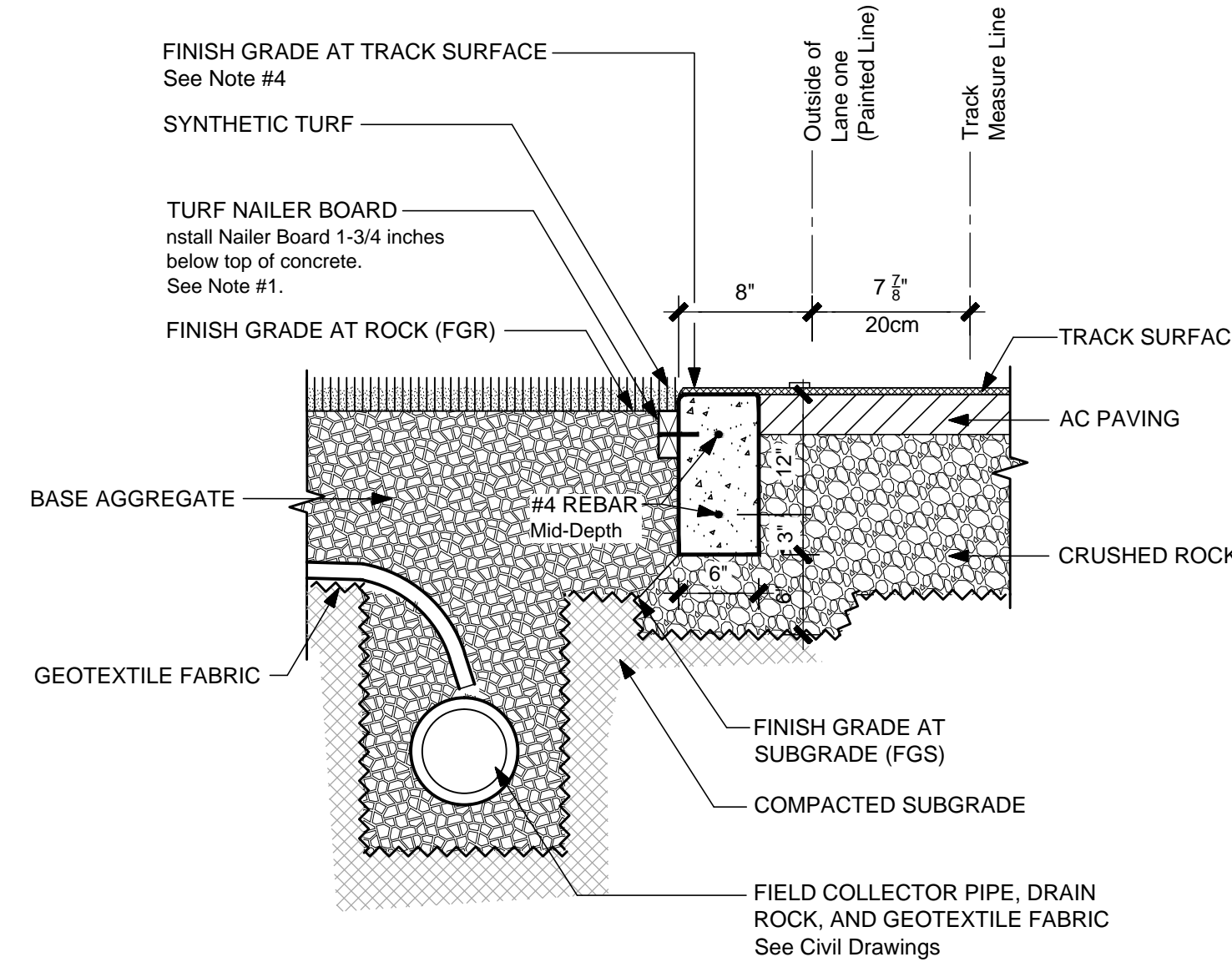
Checked:	MS
Drawn By:	NR
Checked:	MS
Project #:	1340.C
Date:	04/04/2014
Rev. #:	Date:



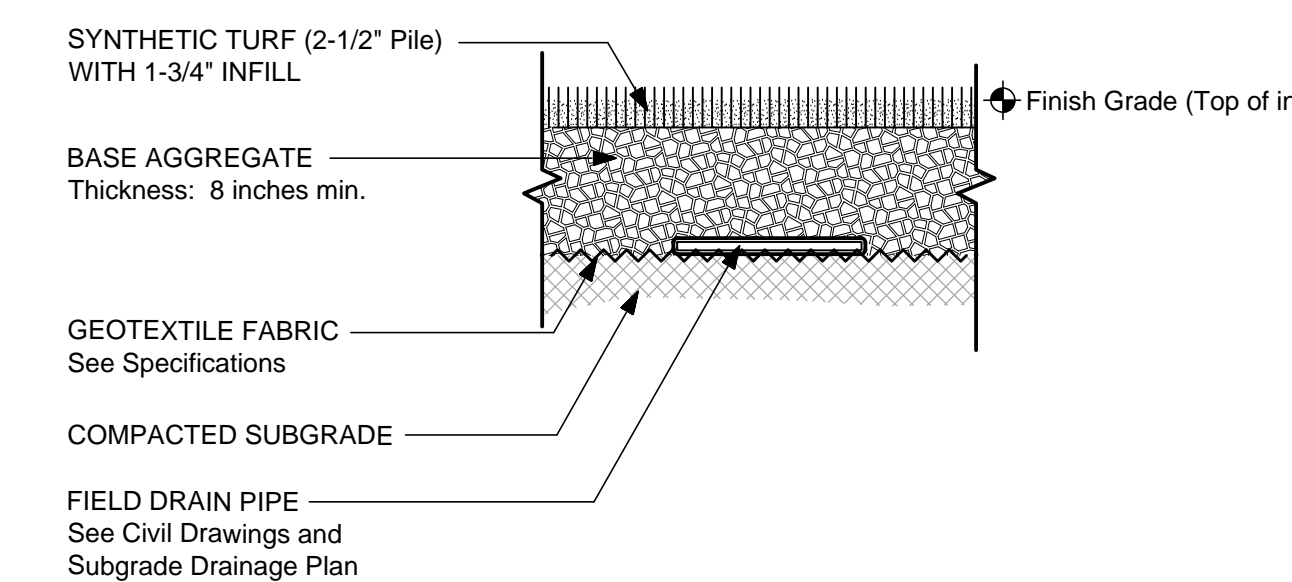
9 CONCRETE RUNWAY At Javelin
NTS



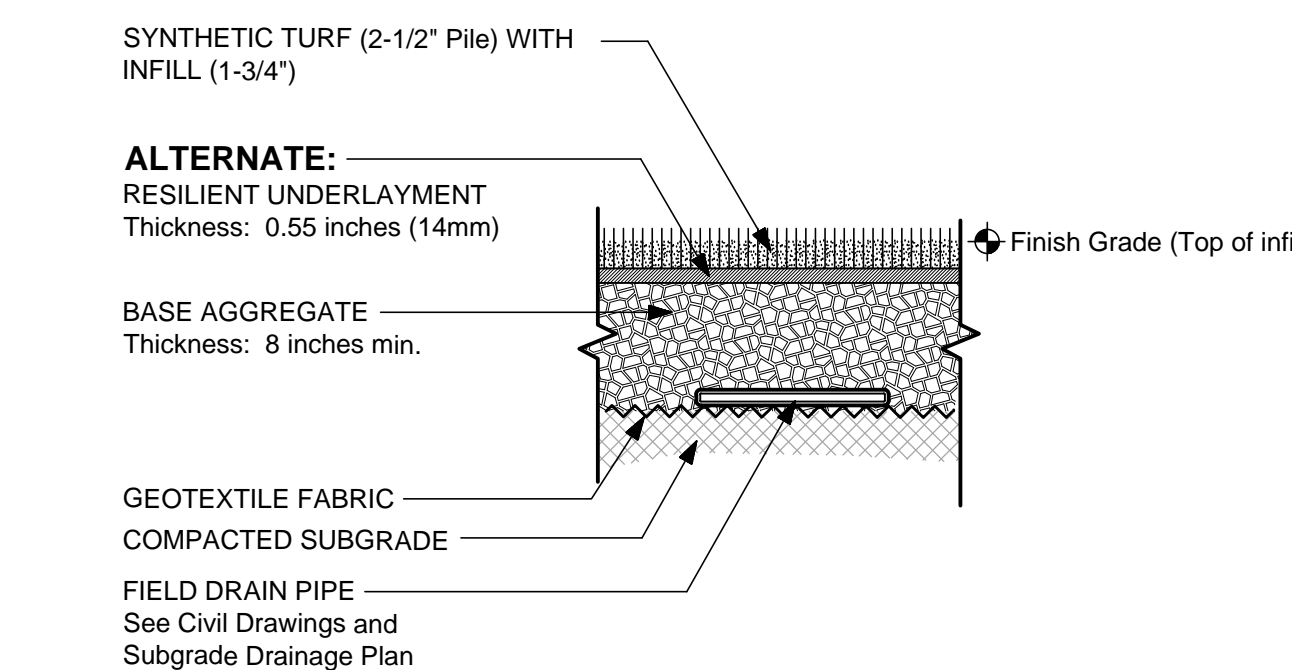
7 CONCRETE PAVING - Vehicle Loaded
NTS



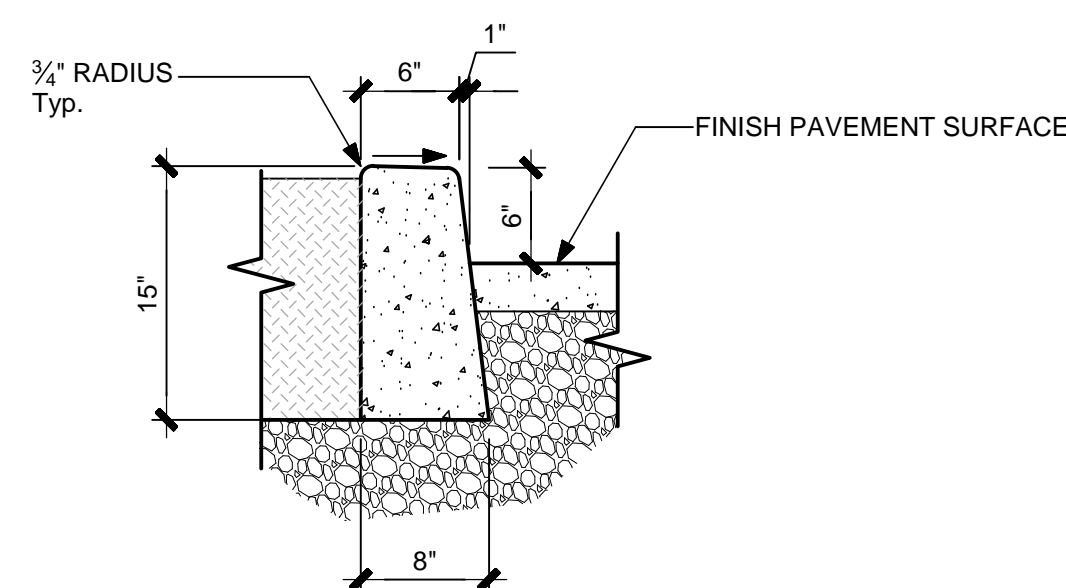
4 CONCRETE HEADER AT TRACK EDGE
NTS



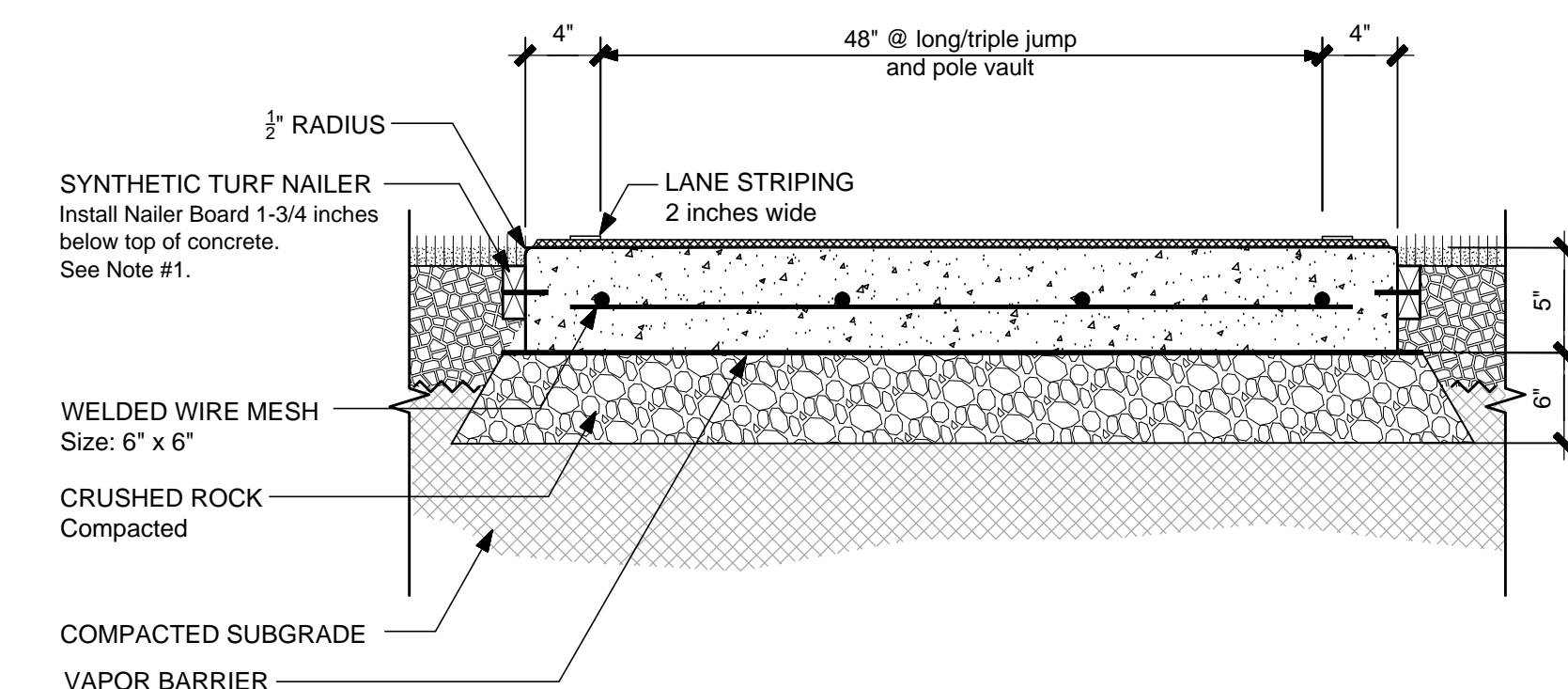
1a SYNTHETIC FIELD PROFILE - BASE BID
NTS



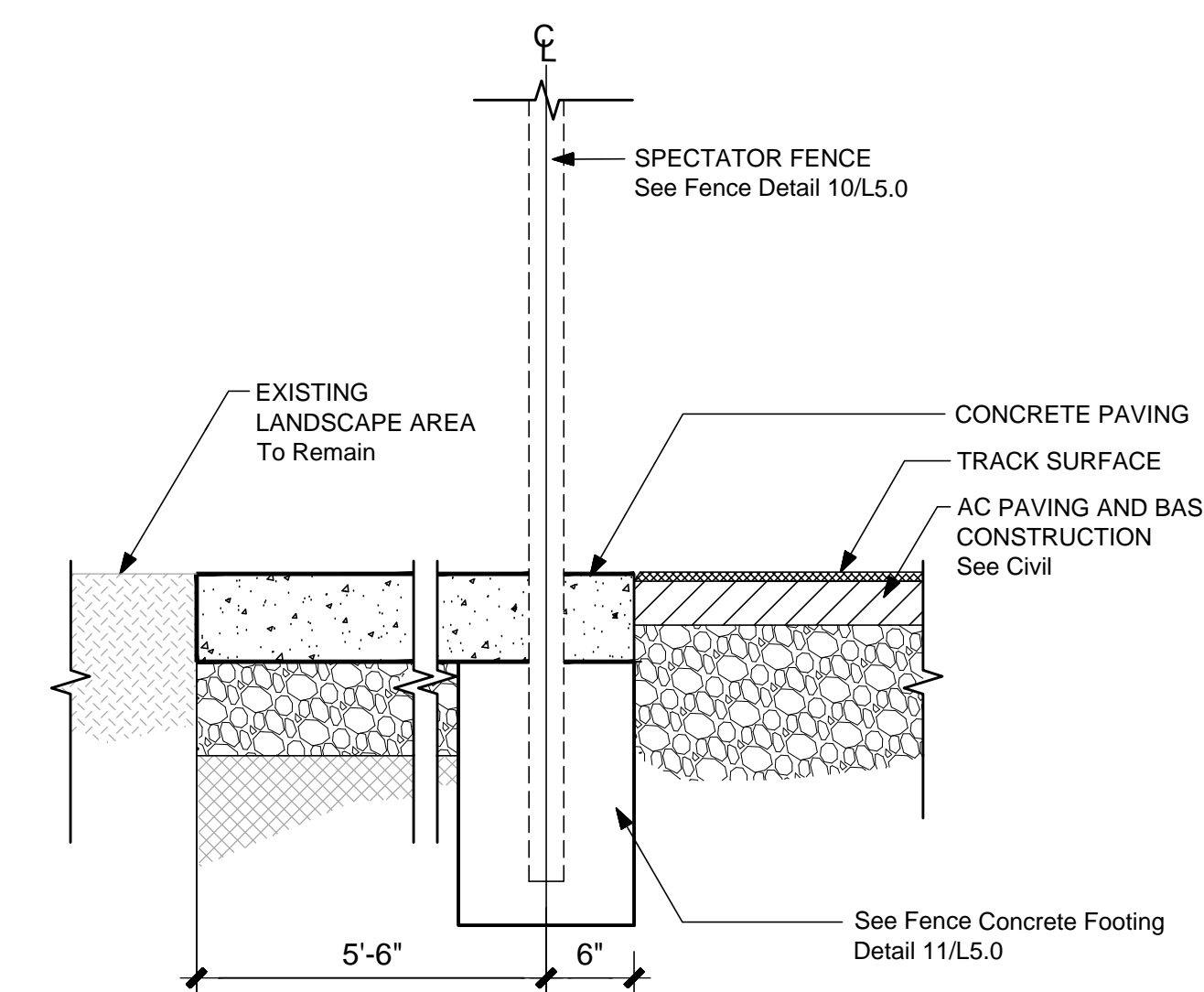
1b SYNTHETIC FIELD PROFILE - ALTERNATE #1
NTS



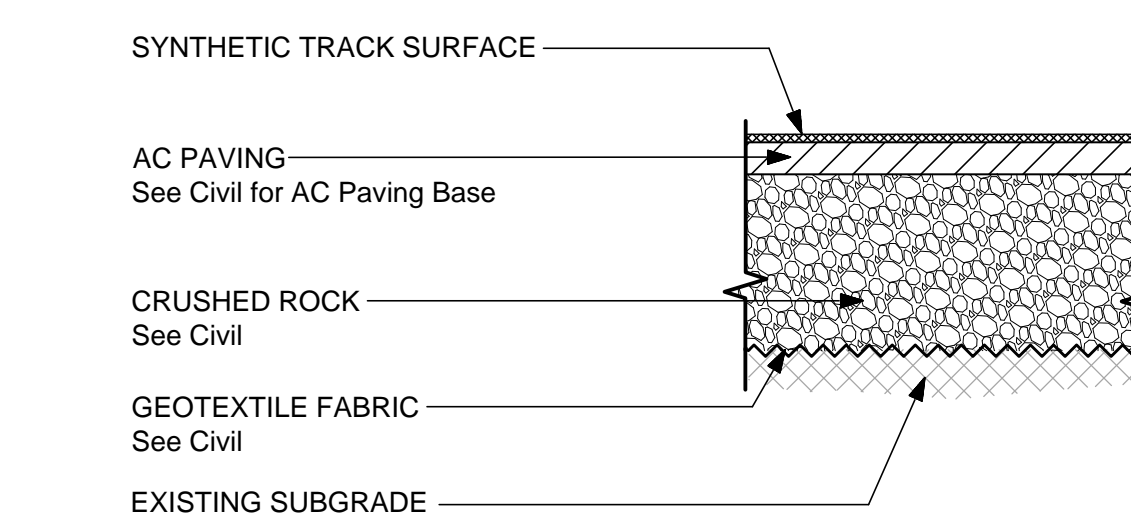
10 CONCRETE CURB
NTS



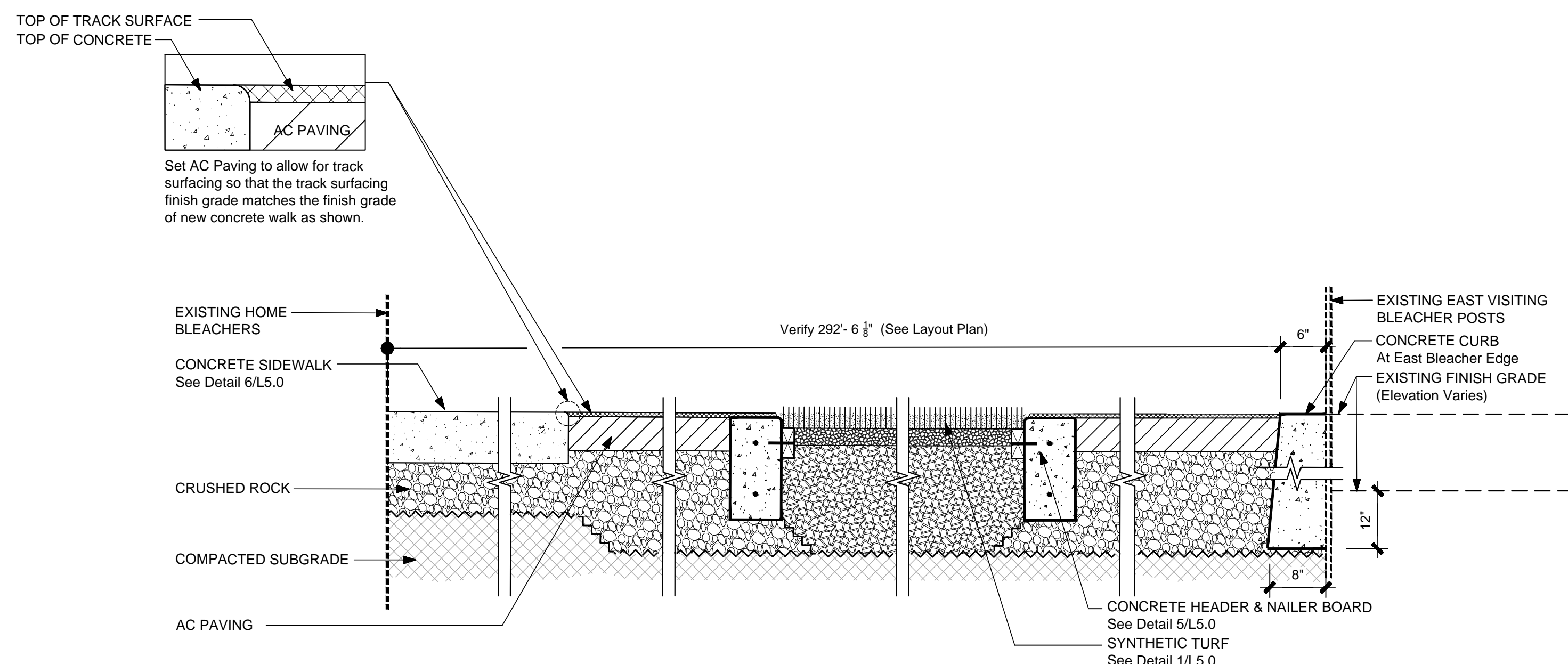
8 CONCRETE RUNWAY At Pole Vault and Long Jump/Triple Jump
NTS



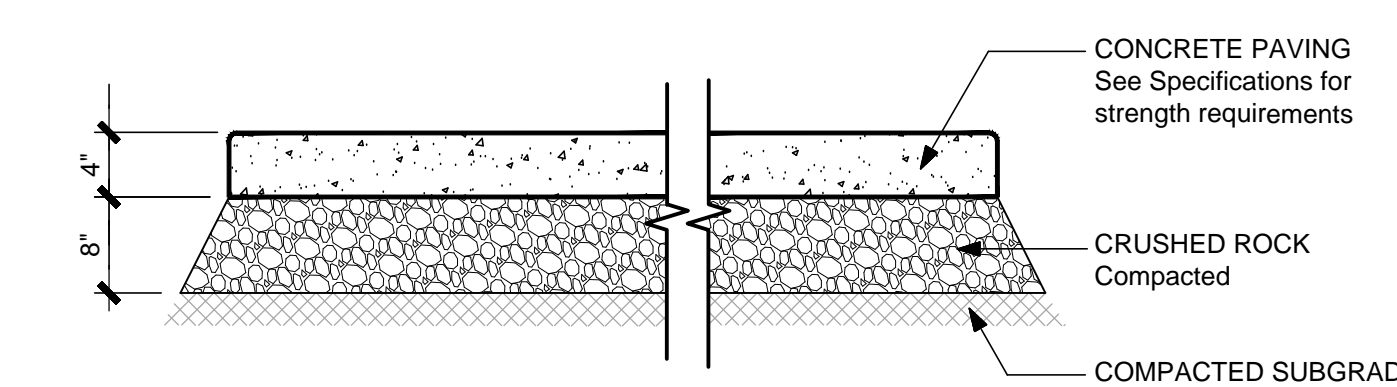
5 CONCRETE WALK AT TRACK EDGE With Spectator Fence
NTS



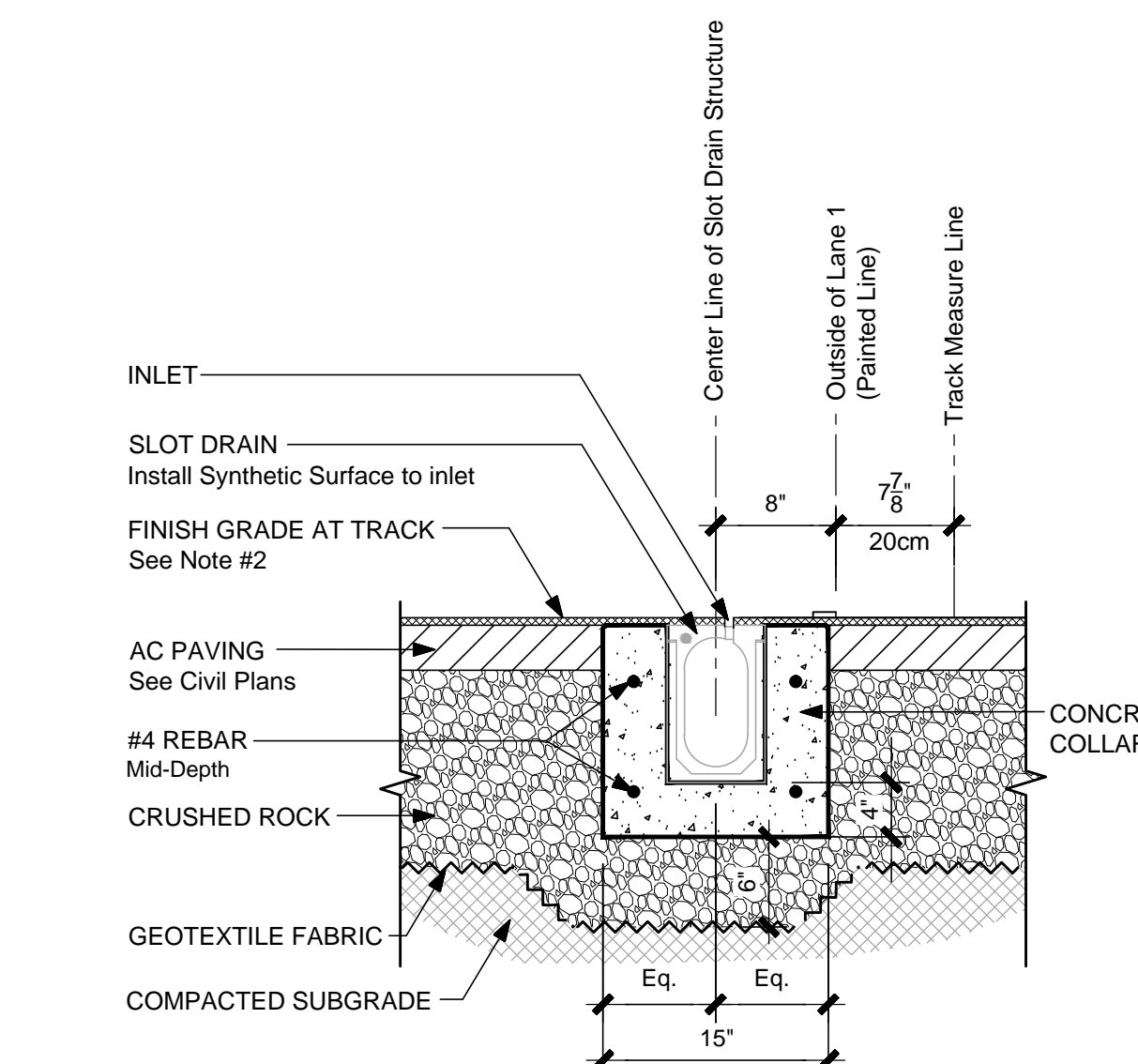
2 TRACK SURFACING PROFILE
NTS



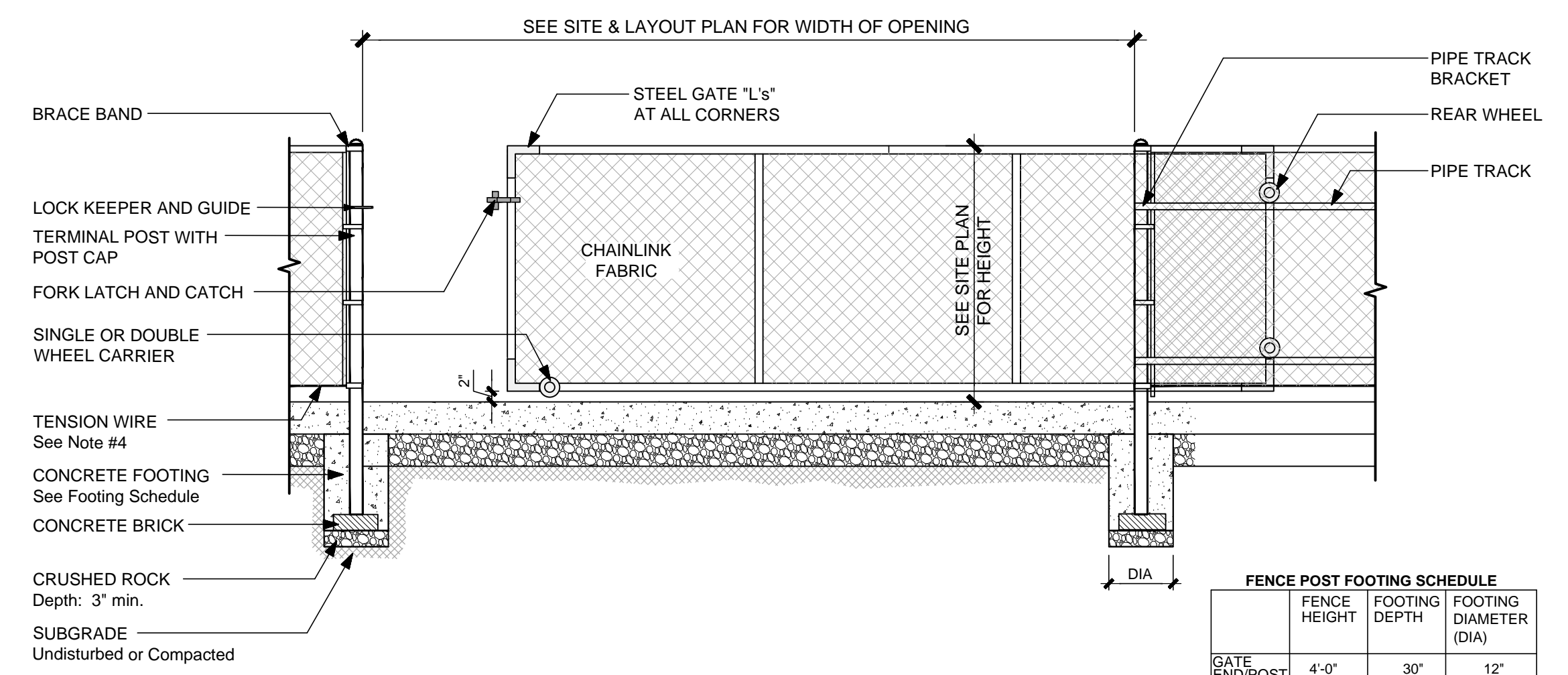
11 TRACK EDGE PROFILE
NTS



6 CONCRETE PAVING - Pedestrian Loaded
NTS



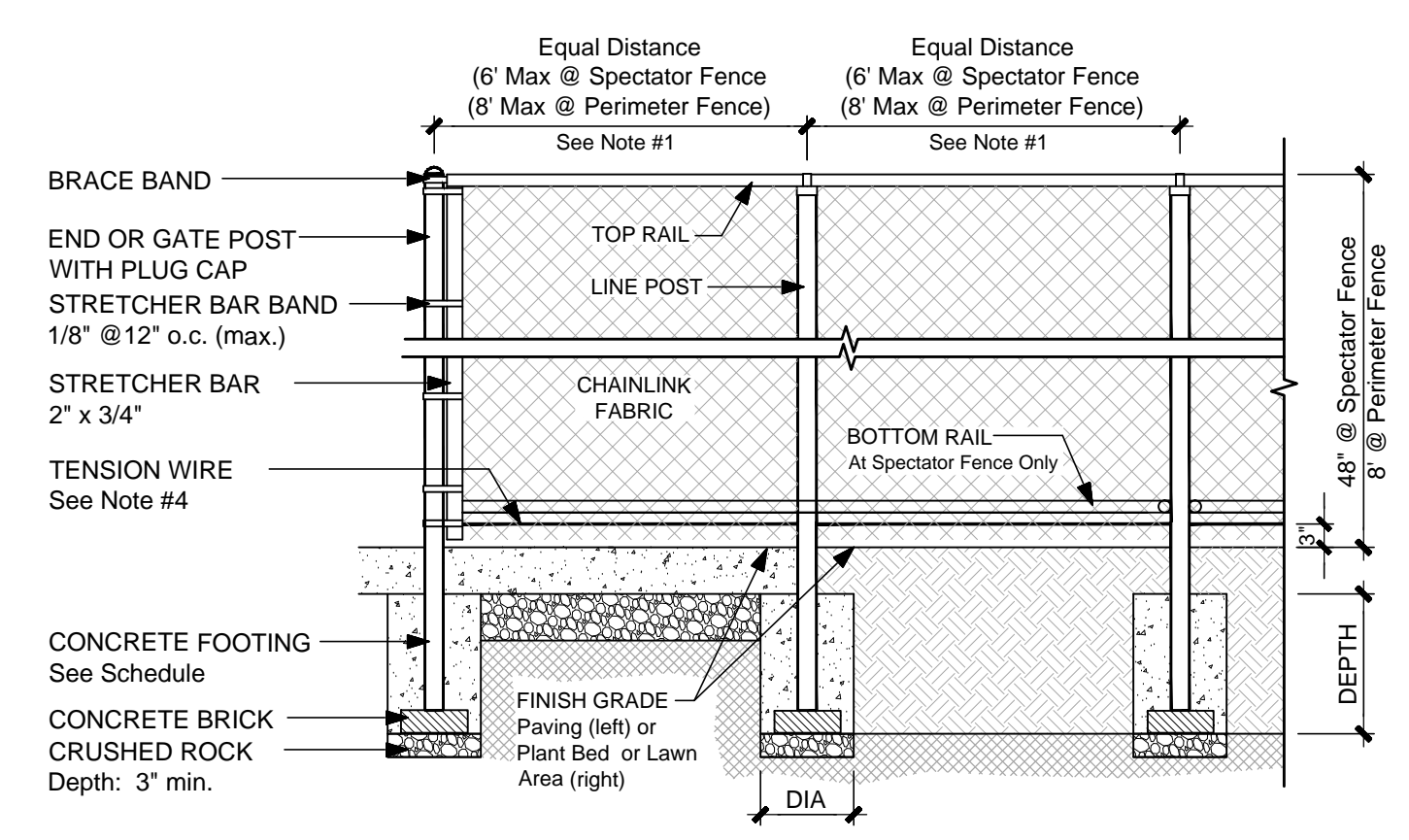
3 SLOT DRAIN
NTS



	FENCE HEIGHT	FOOTING DEPTH	FOOTING DIAMETER (DIA)
GATE END POST	4'-0"	30"	12"
LINE POST	4'-0"	24"	12"
GATE END POST	8'-0"	30"	12"
LINE POST	8'-0"	36"	12"

- NOTES**
- Coordinate layout and installation with concrete work. Locate fence posts at concrete score joints as shown on plans where applicable.
 - Submit Shop Drawings for fence as specified.
 - See Specifications for finishes and materials.
 - Install Tension Wire 3 inches above finish grade. Install Chain Link Fabric 1 inch above finish grade.
 - Construct to open in direction indicated on plan.

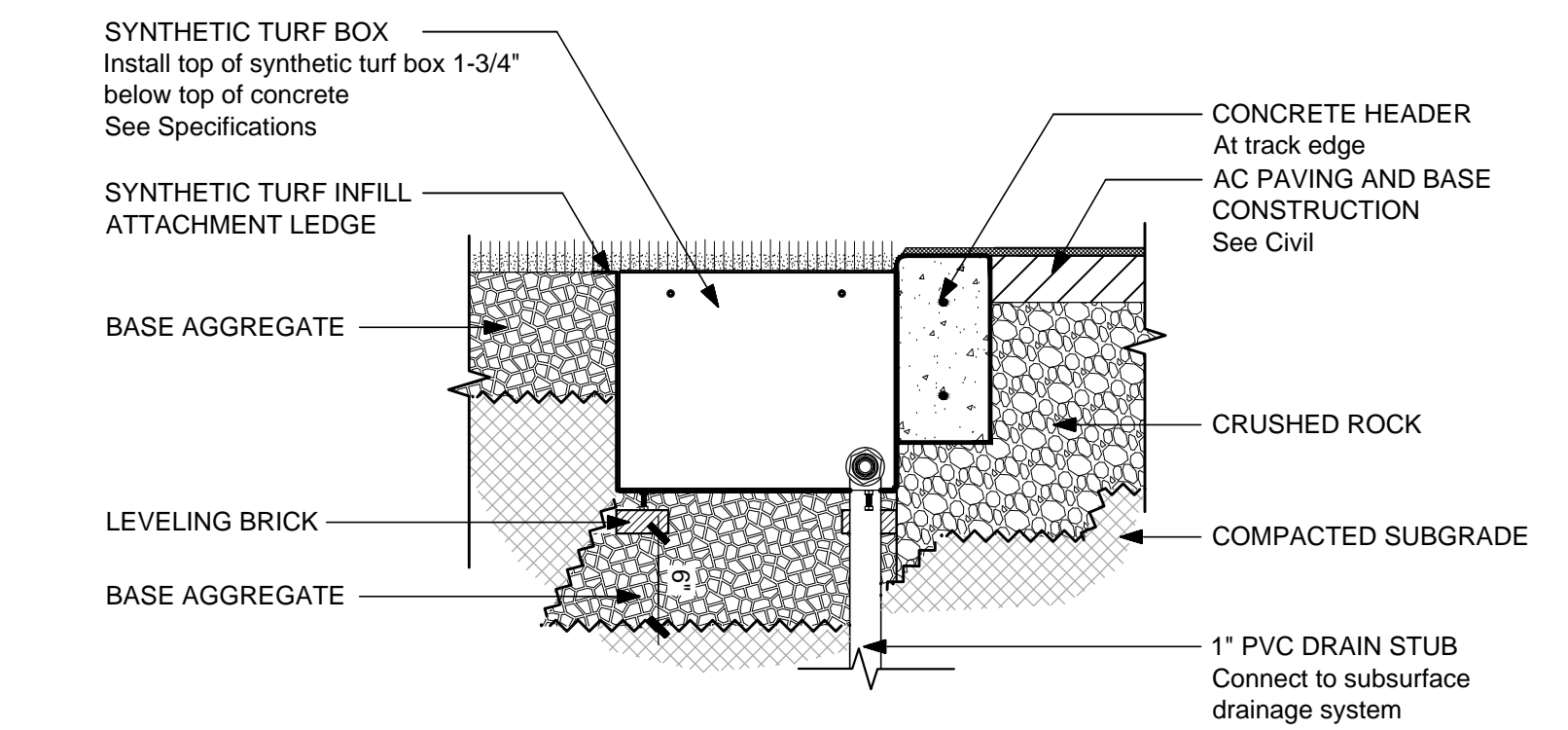
7 CHAINLINK FENCE - ROLLING GATE
 NTS



	FENCE HEIGHT	FOOTING DEPTH	FOOTING DIAMETER (DIA)
GATE END POST	4'-0"	30"	12"
LINE POST	4'-0"	24"	12"
GATE END POST	8'-0"	36"	16"
LINE POST	8'-0"	36"	12"

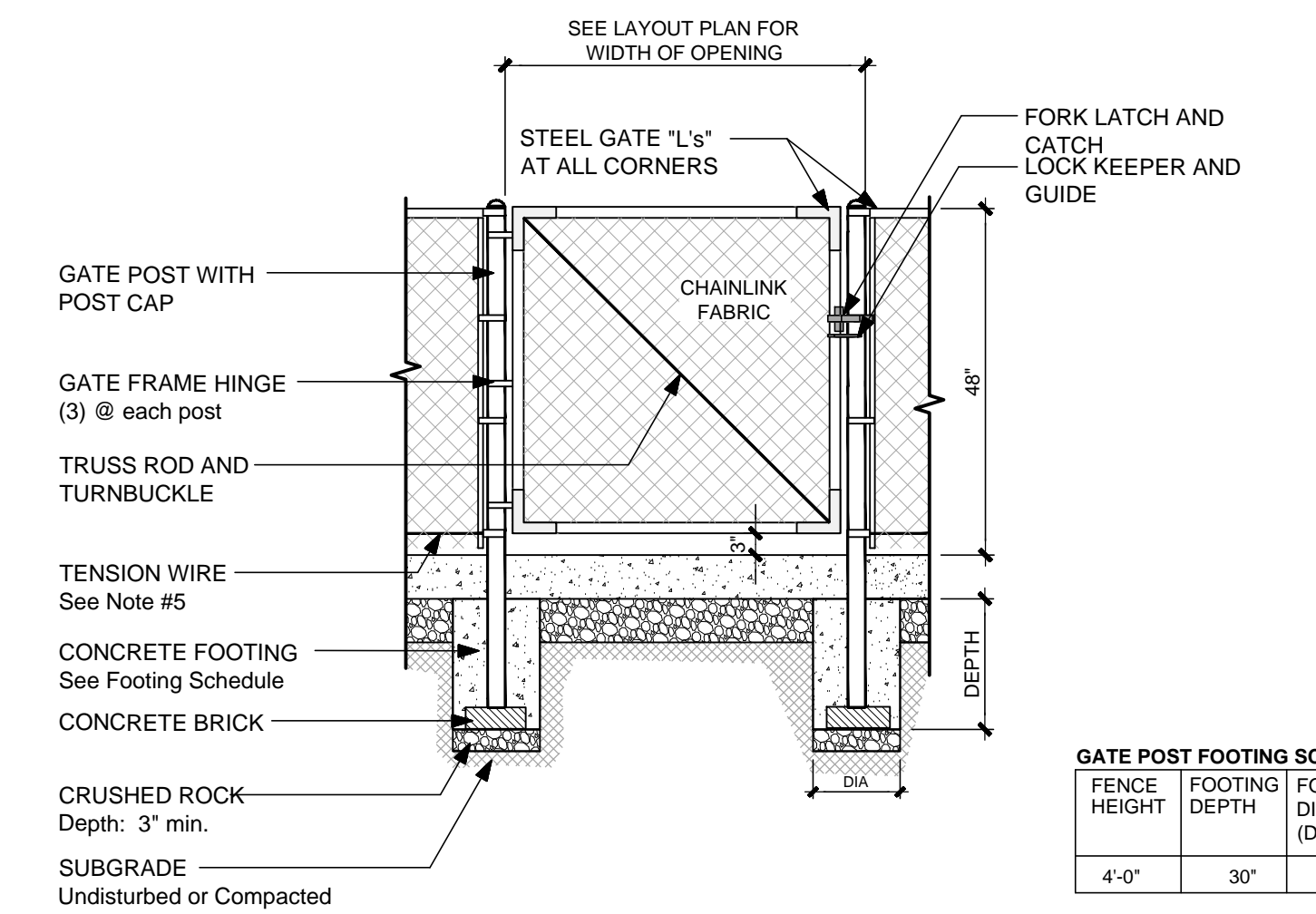
- NOTES**
- Coordinate layout and installation with concrete work. Locate fence posts at concrete score joints as shown on plans where applicable.
 - Submit Shop Drawings for fence as specified.
 - See Specifications for finishes and materials.
 - Install Tension Wire 3 inches above finish grade. Install Chain Link Fabric 1 inch above finish grade.

4 CHAINLINK FENCE
 NTS



- TRACK AND FIELD EQUIPMENT NOTE:**
- Follow manufacturer's installation instructions for track and field products. Details showing track and field equipment are for the Contractor's convenience during bidding and to show improvements adjacent to track and field products.

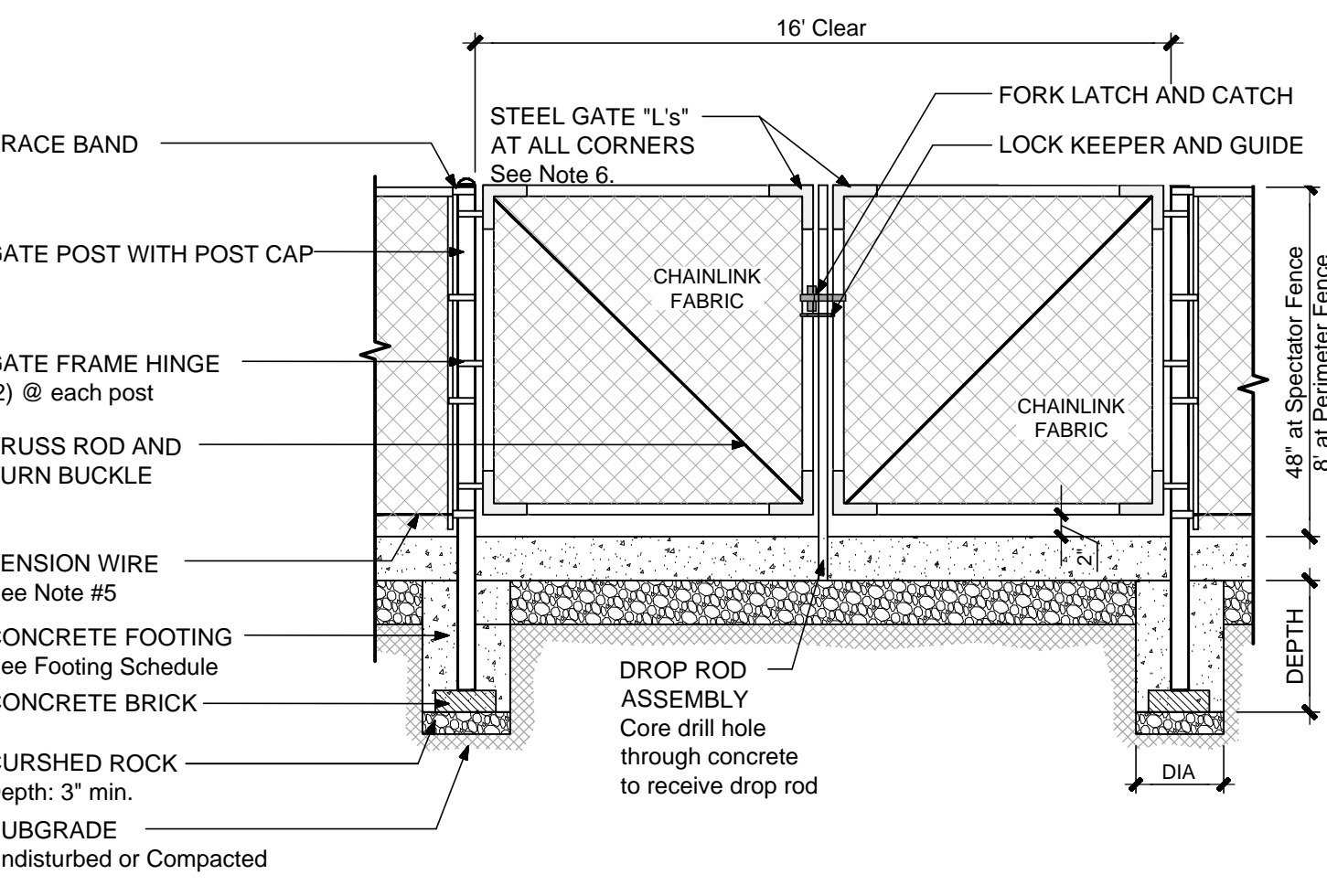
8 SYNTHETIC TURF BOX
 NTS



FENCE HEIGHT	FOOTING DEPTH	FOOTING DIAMETER (DIA)
4'-0"	30"	12"

- NOTES**
- Coordinate layout and installation with concrete work. Locate fence posts at concrete score joints as shown on plans where applicable.
 - Submit Shop Drawings for fence, gate, and assemblies as specified.
 - See Specifications for finishes and materials.
 - Confirm gate swing is not impeded by surrounding grades or site elements prior to fabrication.
 - Install Tension Wire 3 inches above finish grade. Install Chain Link Fabric 1 inch above finish grade.

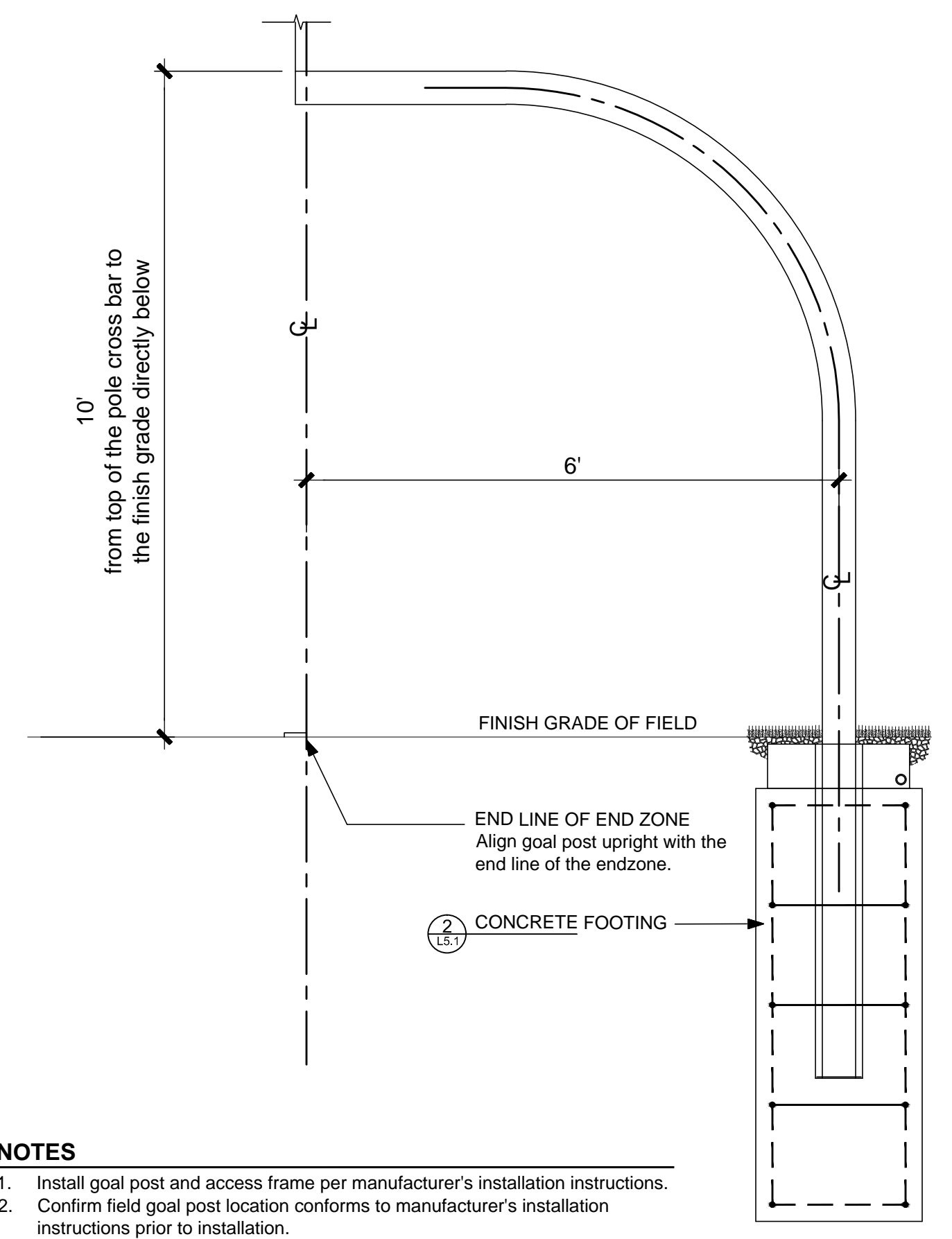
5 CHAINLINK SINGLE FENCE GATE
 NTS



FENCE HEIGHT	FOOTING DEPTH	FOOTING DIAMETER (DIA)
4'-0"	30"	12"

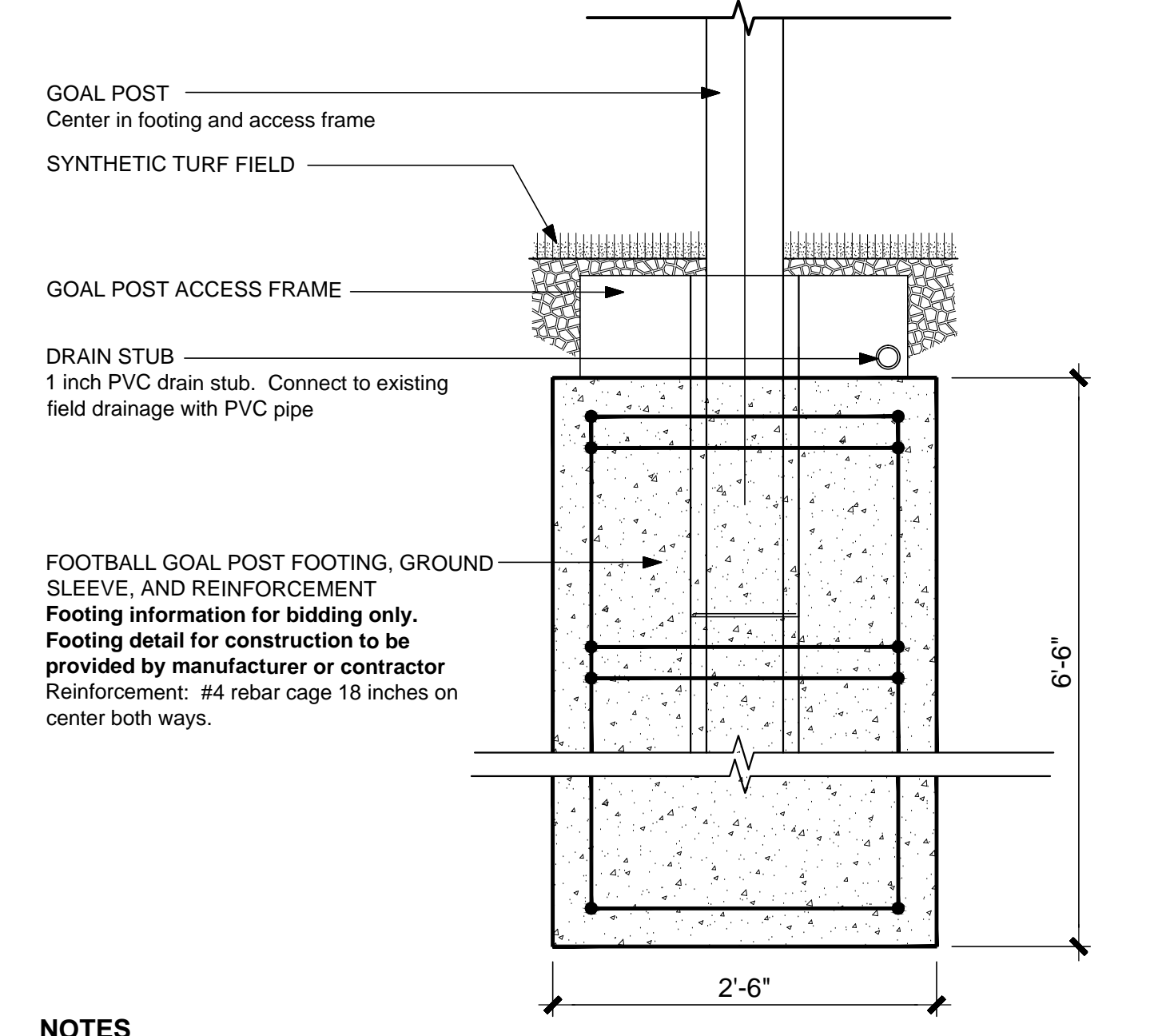
- NOTES**
- Coordinate layout and installation with concrete work. Locate fence posts at concrete score joints as shown on plans where applicable.
 - Submit Shop Drawings for fence, gate, and assemblies as specified.
 - See Specifications for finishes and materials.
 - Confirm gate swing is not impeded by surrounding grades or site elements prior to fabrication. Notify Owner's Representative of conflicts.
 - Install Tension Wire 3 inches above finish grade. Install Chain Link Fabric 1 inch above finish grade.
 - All steel gate corners to be welded.

6 CHAINLINK DOUBLE FENCE GATE
 NTS



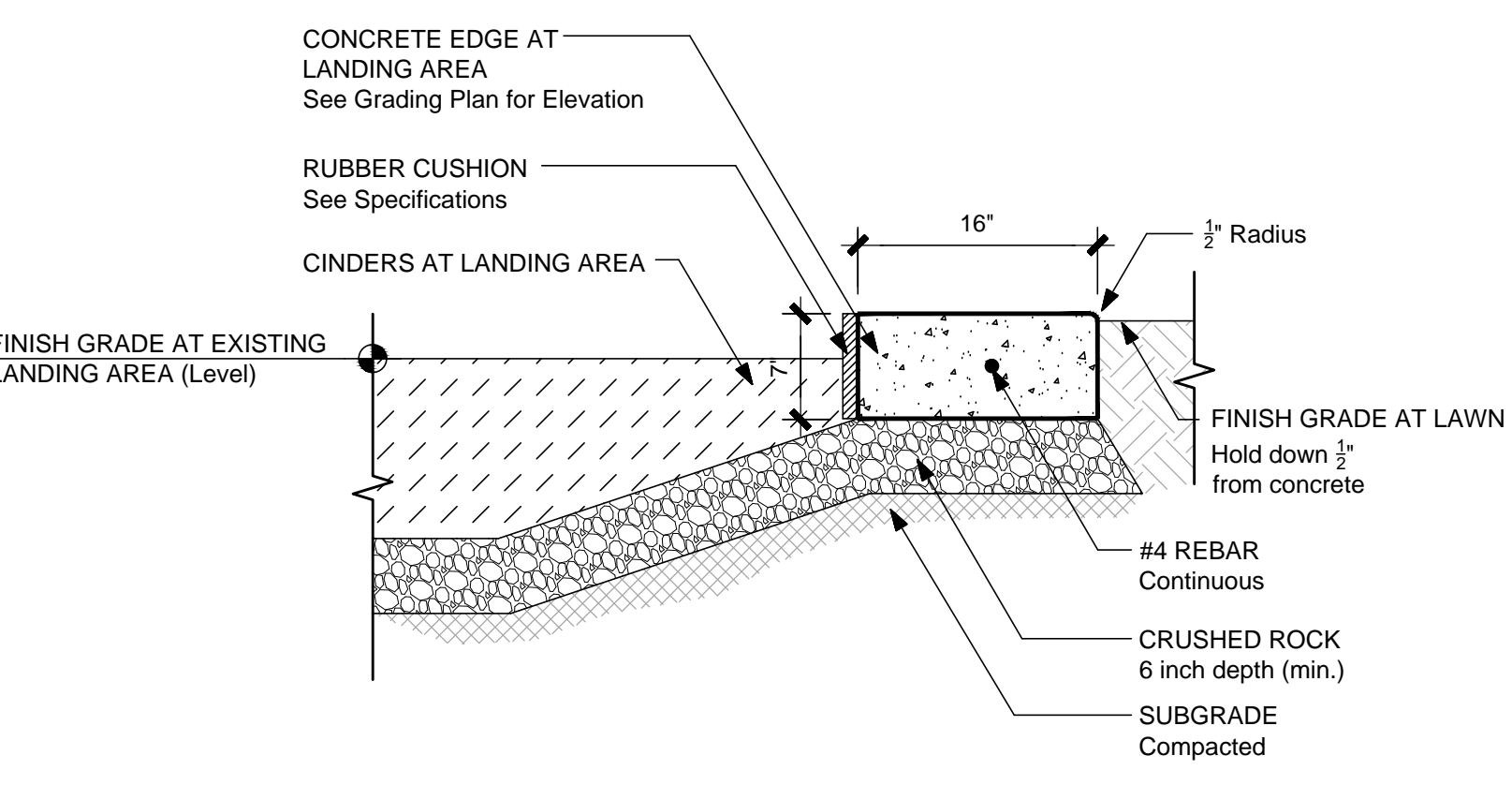
- NOTES**
- Install goal post and access frame per manufacturer's installation instructions.
 - Confirm field goal post location conforms to manufacturer's installation instructions prior to installation.
 - PRODUCT:** Manufacturer - Bison Inc. Model: FBSSCG-WT Website: www.bisoninc.com

1 FOOTBALL GOAL POST
 NTS

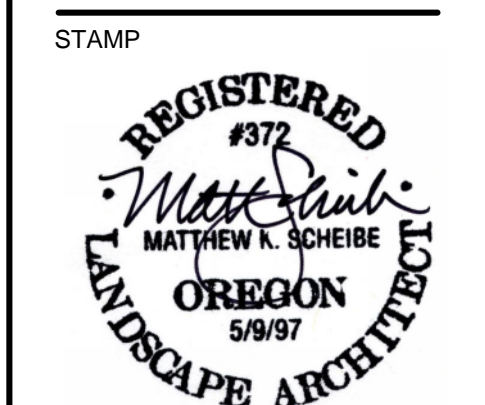


- NOTES**
- Install goal post and access frame per manufacturer's installation instructions.

2 FOOTBALL GOAL POST FOOTING
 NTS



3 SHOT PUT CONCRETE CURB
 NTS

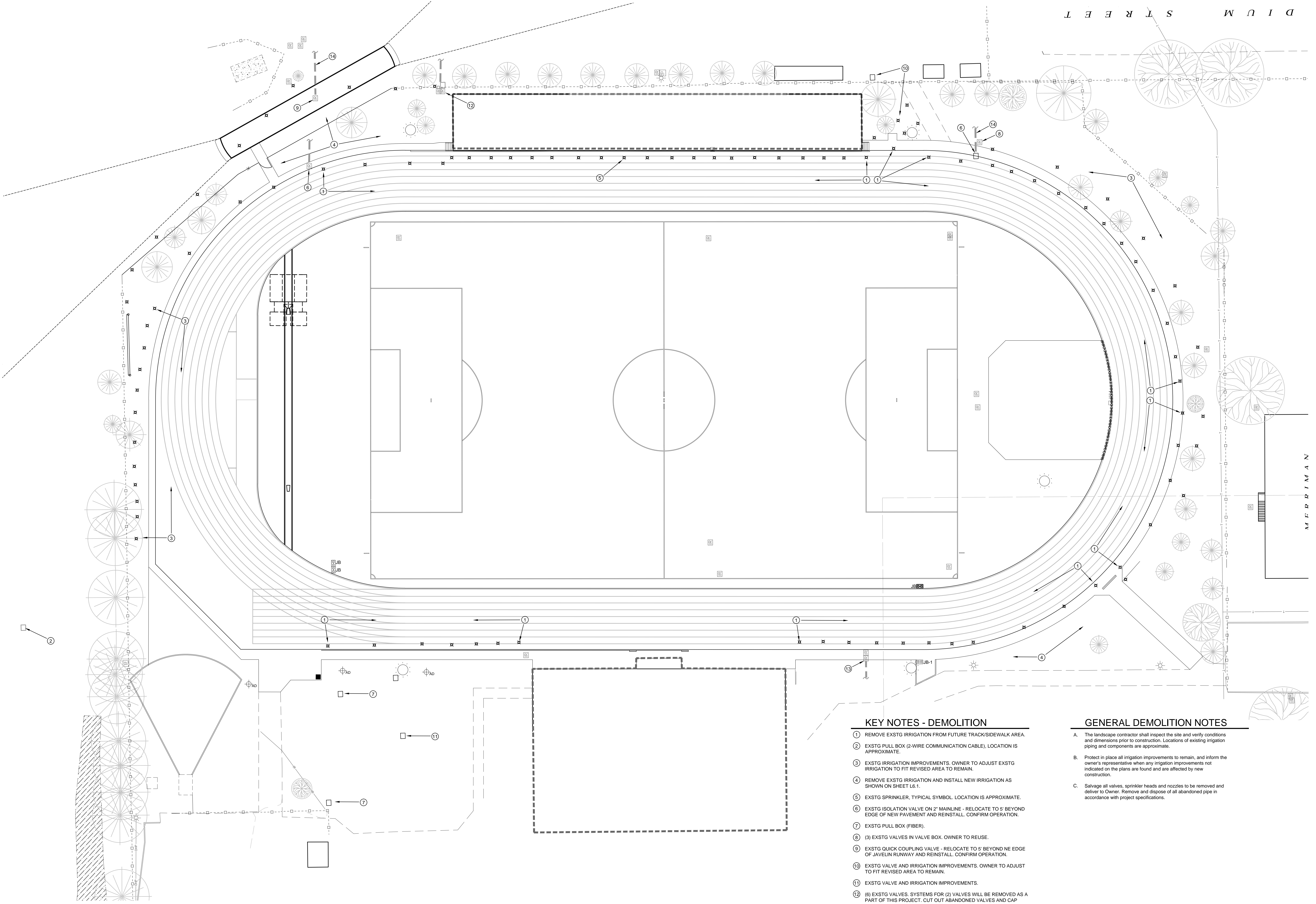


Checked:	MS
Drawn By:	NR
Checked:	MS
Project #:	1340 C
Date:	04/04/2014
Rev. #:	Date:

100%
 CONSTRUCTION
 DOCUMENTS

SHEET TITLE

SHEET #
L5.1



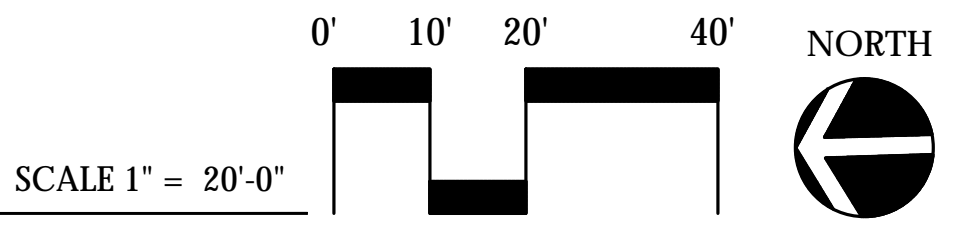
KEY NOTES - DEMOLITION

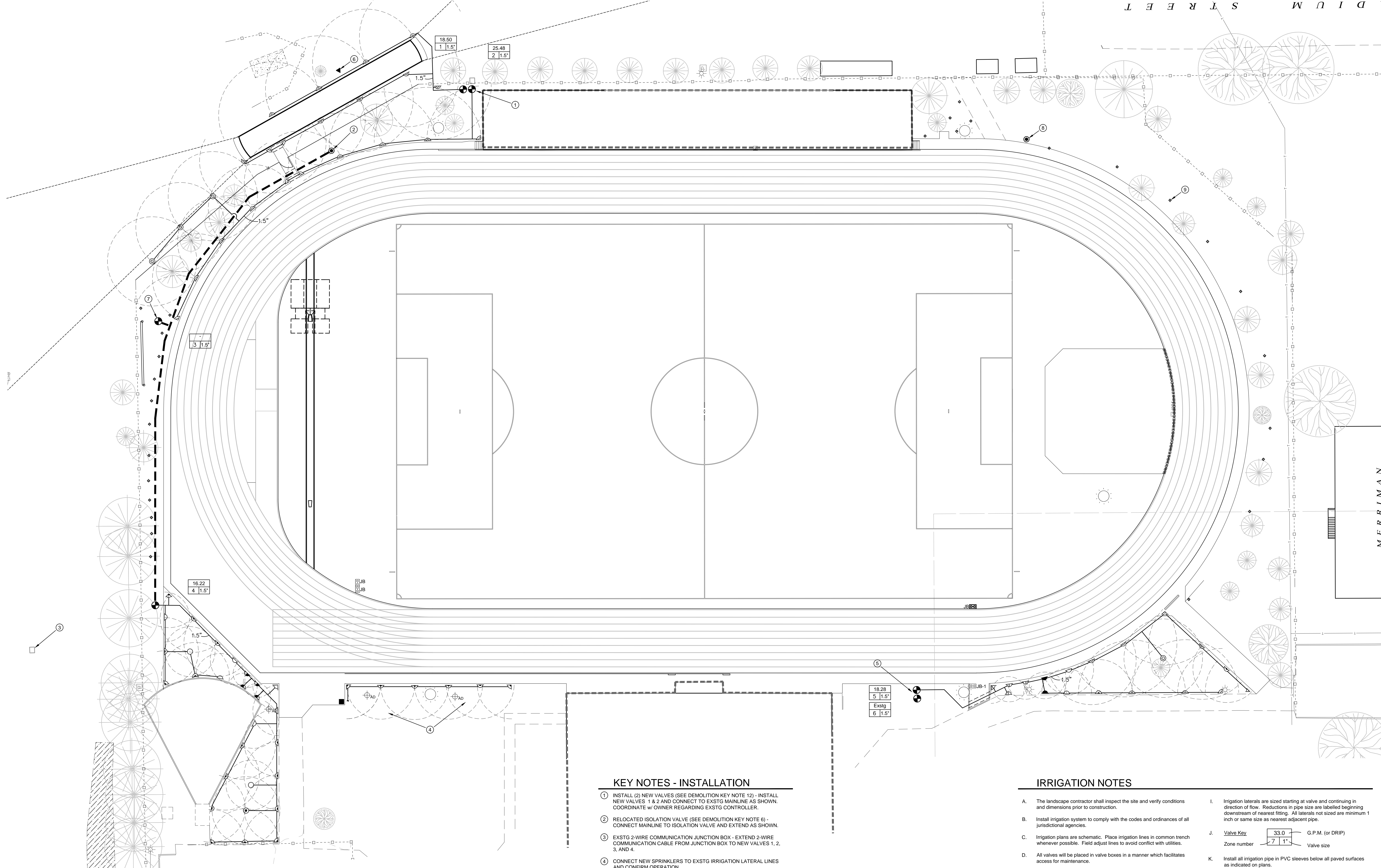
- ① REMOVE EXSTG IRRIGATION FROM FUTURE TRACK/SIDEWALK AREA.
- ② EXSTG PULL BOX (2-WIRE COMMUNICATION CABLE), LOCATION IS APPROXIMATE.
- ③ EXSTG IRRIGATION IMPROVEMENTS. OWNER TO ADJUST EXSTG IRRIGATION TO FIT REVISED AREA TO REMAIN.
- ④ REMOVE EXSTG IRRIGATION AND INSTALL NEW IRRIGATION AS SHOWN ON SHEET L6.1.
- ⑤ EXSTG SPRINKLER, TYPICAL SYMBOL. LOCATION IS APPROXIMATE.
- ⑥ EXSTG ISOLATION VALVE ON 2" MAINLINE - RELOCATE TO 5' BEYOND EDGE OF NEW PAVEMENT AND REINSTALL. CONFIRM OPERATION.
- ⑦ EXSTG PULL BOX (FIBER).
- ⑧ (3) EXSTG VALVES IN VALVE BOX. OWNER TO REUSE.
- ⑨ EXSTG QUICK COUPLING VALVE - RELOCATE TO 5' BEYOND NE EDGE OF JAVELIN RUNWAY AND REINSTALL. CONFIRM OPERATION.
- ⑩ EXSTG VALVE AND IRRIGATION IMPROVEMENTS. OWNER TO ADJUST TO FIT REVISED AREA TO REMAIN.
- ⑪ EXSTG VALVE AND IRRIGATION IMPROVEMENTS.
- ⑫ (6) EXSTG VALVES. SYSTEMS FOR (2) VALVES WILL BE REMOVED AS A PART OF THIS PROJECT. CUT OUT ABANDONED VALVES AND CAP LINE, AND COIL VALVE WIRE FOR FUTURE USE.
- ⑬ (2) EXSTG VALVES. CUT OUT VALVES AND CAP LINE, AND COIL WIRE FOR FUTURE USE.
- ⑭ EXSTG MAINLINE, TYPICAL SYMBOL. LOCATION IS APPROXIMATE.

GENERAL DEMOLITION NOTES

- A. The landscape contractor shall inspect the site and verify conditions and dimensions prior to construction. Locations of existing irrigation piping and components are approximate.
- B. Protect in place all irrigation improvements to remain, and inform the owner's representative when any irrigation improvements not indicated on the plans are found and are affected by new construction.
- C. Salvage all valves, sprinkler heads and nozzles to be removed and deliver to Owner. Remove and dispose of all abandoned pipe in accordance with project specifications.

IRRIGATION DEMOLITION PLAN





KEY NOTES - INSTALLATION

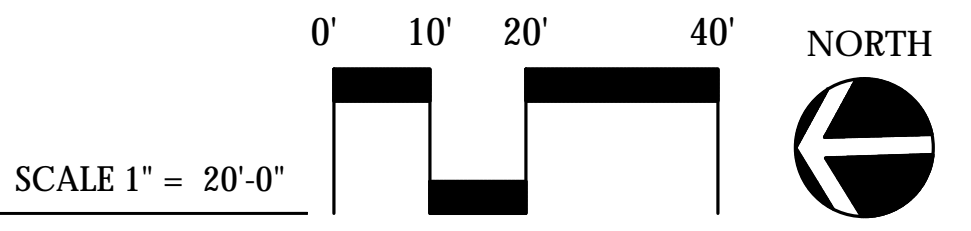
- 1 INSTALL (2) NEW VALVES (SEE DEMOLITION KEY NOTE 12) - INSTALL NEW VALVES 1 & 2 AND CONNECT TO EXSTG MAINLINE AS SHOWN. COORDINATE W OWNER REGARDING EXSTG CONTROLLER.
- 2 RELOCATED ISOLATION VALVE (SEE DEMOLITION KEY NOTE 6) - CONNECT MAINLINE TO ISOLATION VALVE AND EXTEND AS SHOWN.
- 3 EXSTG 2-WIRE COMMUNICATION JUNCTION BOX - EXTEND 2-WIRE COMMUNICATION CABLE FROM JUNCTION BOX TO NEW VALVES 1, 2, 3, AND 4.
- 4 CONNECT NEW SPRINKLERS TO EXSTG IRRIGATION LATERAL LINES AND CONFIRM OPERATION.
- 5 INSTALL (2) NEW CONTROL VALVES (SEE DEMOLITION KEY NOTE 13) - INSTALL NEW VALVE #5 AND CONNECT TO NEW SPRINKLERS AS SHOWN. INSTALL NEW VALVE #6 AND CONNECT TO EXSTG SHRUB IRRIGATION SYSTEM WEST OF THIS LOCATION. CONFIRM OPERATION.
- 6 RELOCATED QUICK COUPLER VALVE (SEE DEMOLITION KEY NOTE 9).
- 7 INSTALL NEW VALVE 3 AND CONNECT TO 2-WIRE COMMUNICATION CABLE. OWNER TO CONNECT NEW VALVE TO EXSTG SPRINKLERS.
- 8 RELOCATED ISOLATION VALVE (SEE DEMOLITION KEY NOTE 6).
- 9 EXSTG SPRINKLER TO REMAIN. TYPICAL SYMBOL. (APPROXIMATE LOCATION).

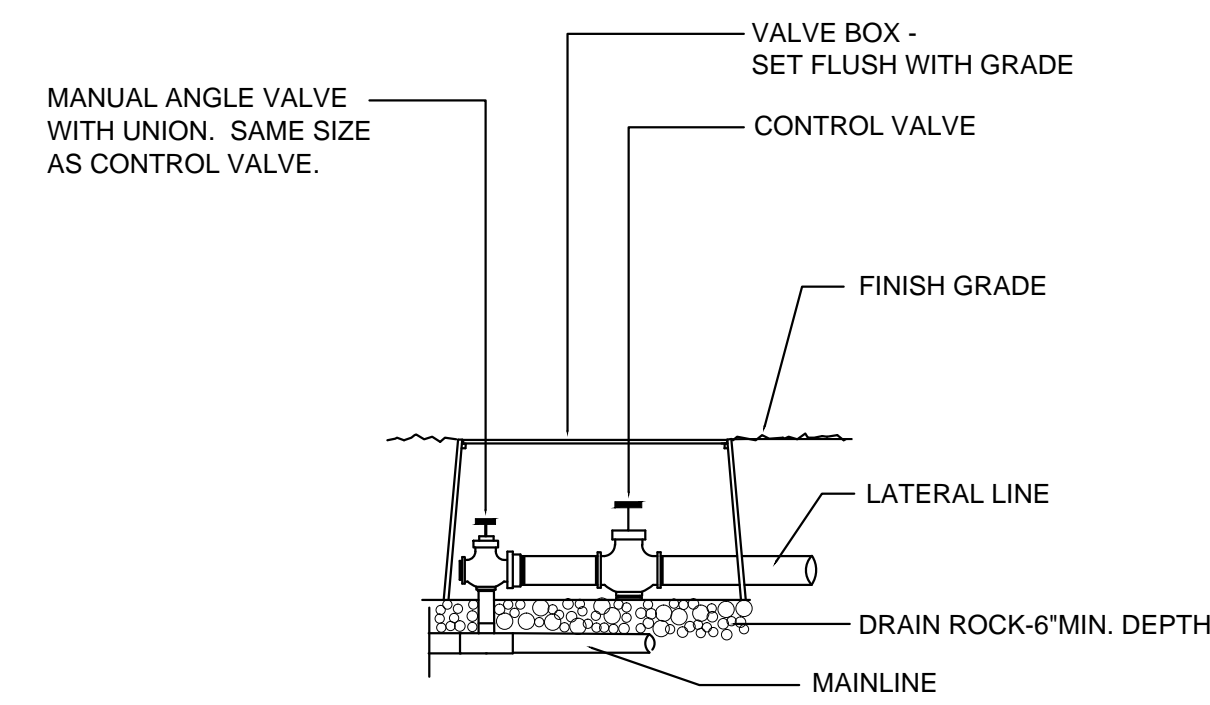
IRRIGATION NOTES

- A. The landscape contractor shall inspect the site and verify conditions and dimensions prior to construction.
- B. Install irrigation system to comply with the codes and ordinances of all jurisdictional agencies.
- C. Irrigation plans are schematic. Place irrigation lines in common trench whenever possible. Field adjust lines to avoid conflict with utilities.
- D. All valves will be placed in valve boxes in a manner which facilitates access for maintenance.
- E. Sizes of new irrigation piping shall match size of existing piping.
- F. All components of irrigation system shall be installed and adjusted to provide complete coverage. Contractor is responsible for providing a complete working system.
- G. Verify minimum static water pressure of 80 psi at each point of connection to exstg mainline. Notify the Owner's representative if actual field data differs from this information.
- H. System is designed to operate with a minimum of 40 psi at the furthest head from the point of connection. Head layout and zones are based on this data, and specifications shown in the irrigation legend. Notify the Landscape Architect if actual field data differs from this information.
- I. Irrigation laterals are sized starting at valve and continuing in direction of flow. Reductions in pipe size are labeled beginning downstream of nearest fitting. All laterals not sized are minimum 1 inch or same size as nearest adjacent pipe.
- J. **Valve Key**

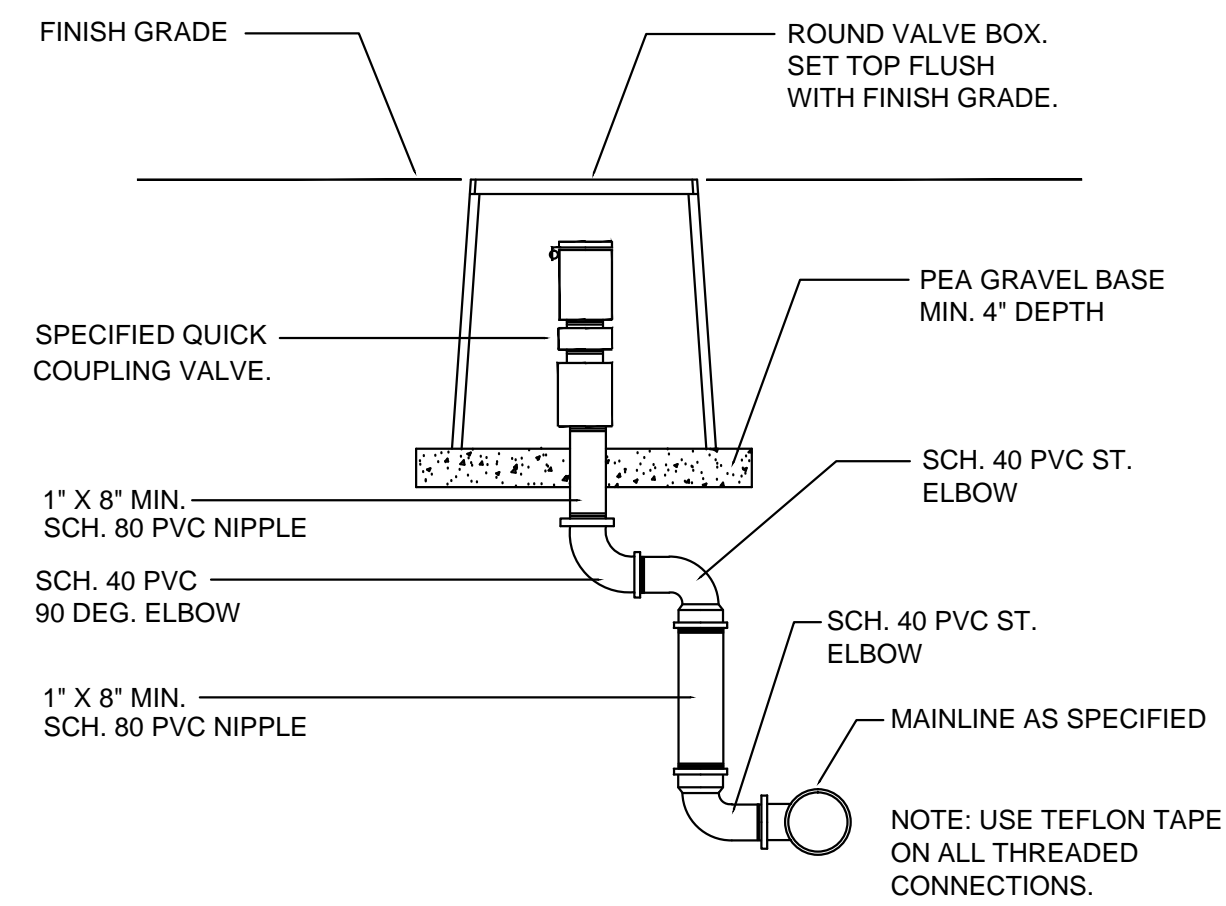
33.0	G.P.M. (or DRIP)
7 1"	Valve size
- K. Install all irrigation pipe in PVC sleeves below all paved surfaces as indicated on plans.
- L. Multi-strand control wire not allowed. Use 2-wire communication cable per specification section 328000 Irrigation.
- M. Contractor shall be responsible for all control wire connections to irrigation valves.
- N. Owner shall be responsible for reprogramming irrigation controllers affected by new irrigation installation.

IRRIGATION PLAN

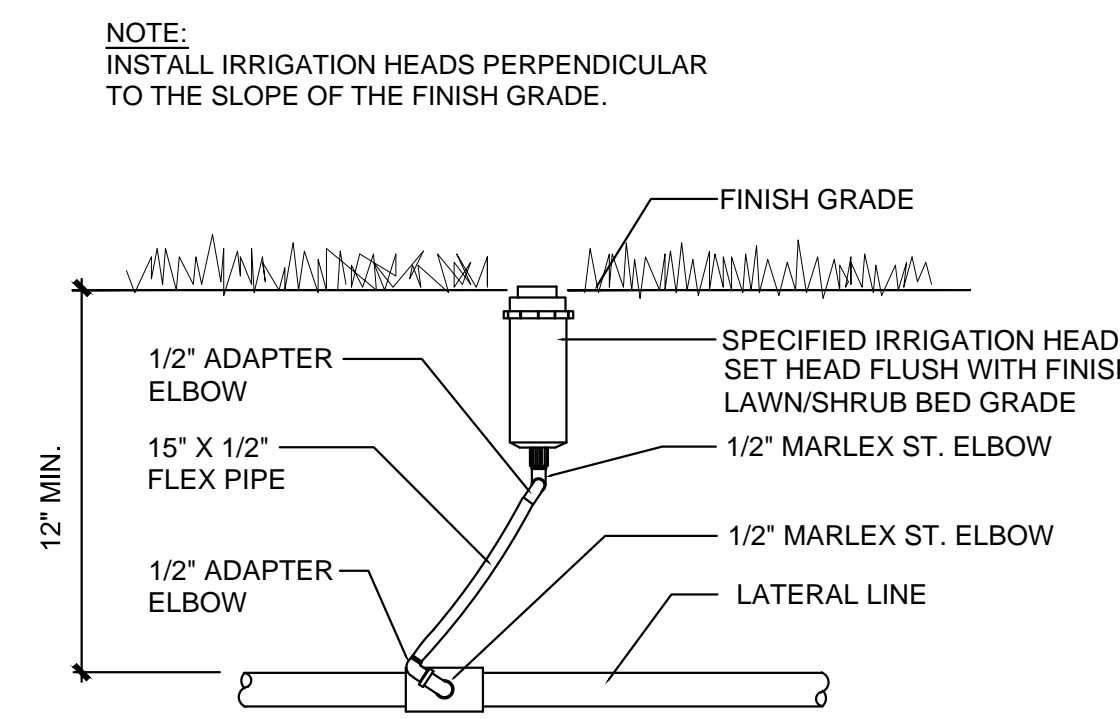




1 SPRAY IRRIGATION CONTROL VALVE
- NOT TO SCALE



2 QUICK COUPLING VALVE
- NOT TO SCALE

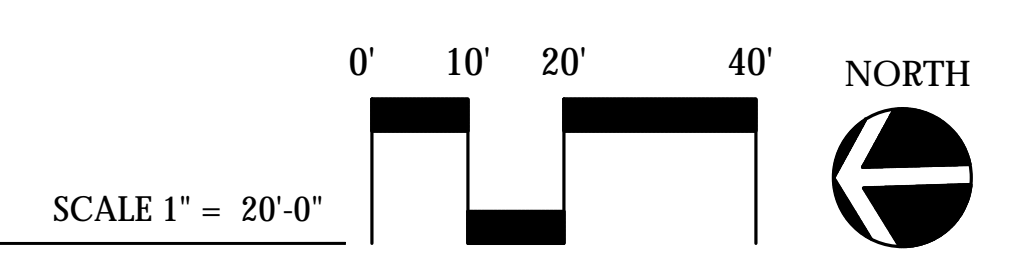


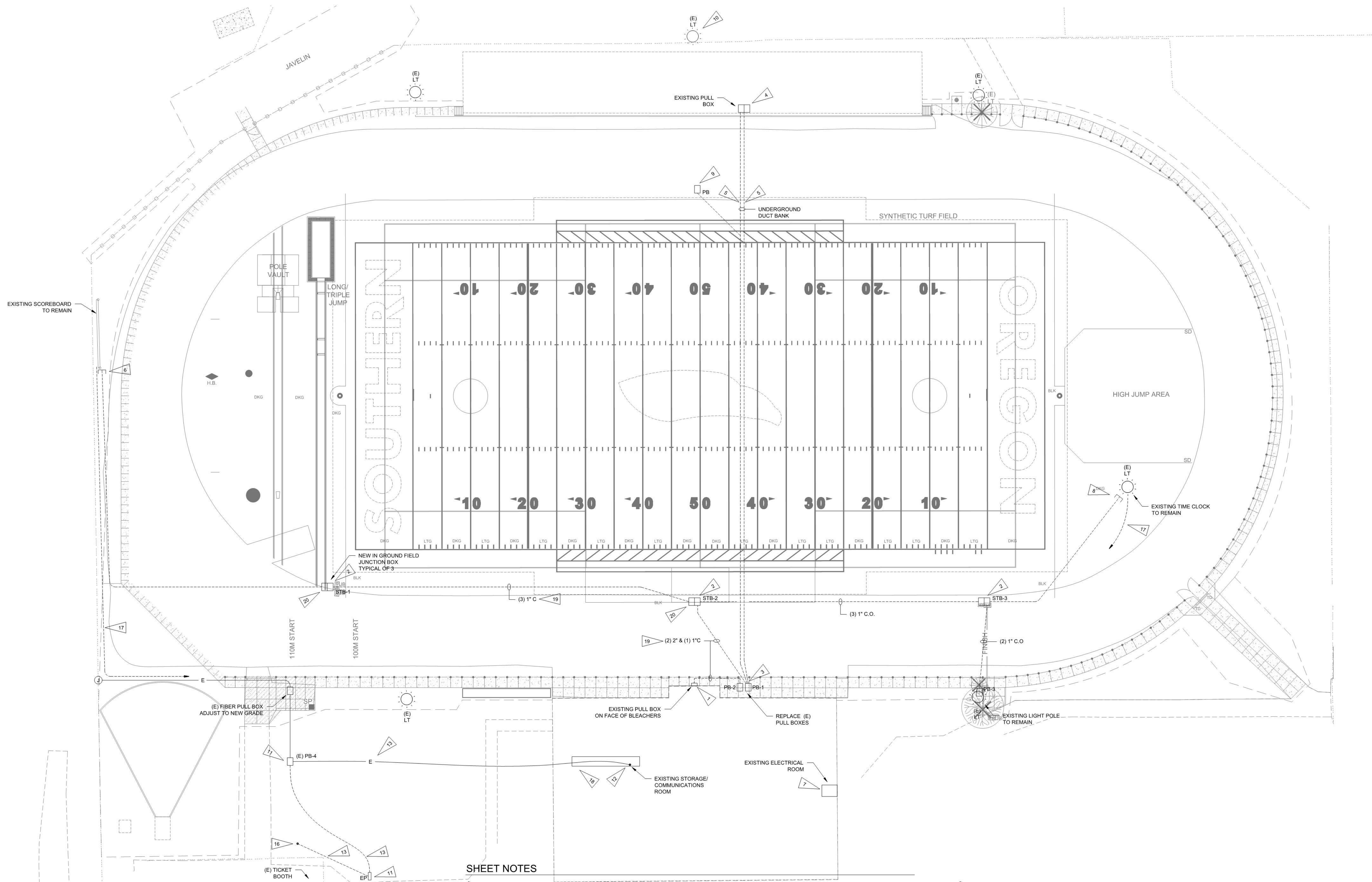
3 SPRAY HEAD ASSEMBLY
- NOT TO SCALE

IRRIGATION LEGEND

SYMBOL	RADIUS	NOZZLE	GPM	PSI	MODEL
▲	8'	MP1000-90	0.19	40	Hunter PROS-04-PRS 40-CV w/ MPR Rotator Nozzle
△	10'	MP1000-90	0.19	40	*
△	10'	MP1000-180	0.37	40	*
△	10'	MP1000-210	0.43	40	*
△	10'	MP1000-360	0.75	40	*
▲	12'	MP1000-90	0.19	40	*
▲	12'	MP1000-180	0.37	40	*
●	12'	MP1000-360	0.75	40	*
△	14'	MPCorner	0.19	40	*
△	14'	MP1000-90	0.19	40	*
△	14'	MP1000-180	0.37	40	*
△	14'	MP1000-210	0.43	40	*
○	14'	MP1000-360	0.75	40	*
△	19'	MP2000-90	0.40	40	*
△	19'	MP2000-180	0.74	40	*
△	19'	MP2000-210	0.86	40	*
○	19'	MP2000-360	1.47	40	*
△	22-30'	MPCorner	0.86	40	*
△	22-30'	MP3000-90	0.86	40	*
△	22-30'	MP2000-180	1.82	40	*
△	22-30'	MP2000-210	2.12	40	*
○	22-30'	MP2000-360	3.64	40	*
SYMBOL	DESCRIPTION				
●	RAIN BIRD PEB-PRS-D SERIES CONTROL VALVE				
▲	RAIN BIRD 44-RC QUICK COUPLING VALVE				
○	MAIN LINE ISOLATION VALVE				
---	MAIN LINE, SCH 40 PVC (2" DIA. UNLESS OTHERWISE NOTED)				
---	LATERAL LINE, SCH 40 PVC.				
---	SLEEVE, SCH 40 PVC, MIN. 6" DIA. UNLESS OTHERWISE NOTED. COORDINATE WITH GENERAL CONTRACTOR.				

IRRIGATION LEGEND & DETAILS



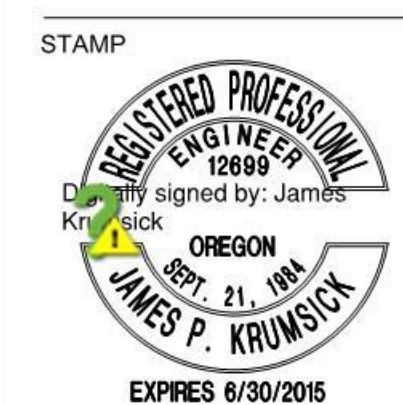
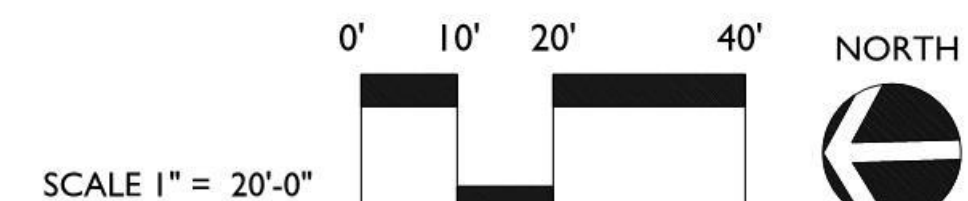


- LEGEND:**
- UNDERGROUND CONDUIT, SEE DRAWING E2 FOR SIZE AND QUANTITY.
 - EXISTING COMMUNICATION CONDUIT - SIZE INDICATED
 - NEW POWER CONDUIT - SIZE INDICATED
 - NOTE REFERENCE
 - TWO SECTION PULL BOX / JUNCTION BOX
 - LIGHT STANDARD
 - CONDUIT CAPPED FOR FUTURE
 - EXISTING TO REMAIN
 - EMERGENCY PHONE
 - 2 SECTION FIELD JUNCTION BOX BY TURF SUBCONTRACTOR
 - IN GROUND PULL BOX BY ELECTRICAL SUBCONTRACTOR
 - CONDUIT ONLY.

- SHEET NOTES**
1. INSTALL 2" WIREMOLD EXTENSION BOXES AT EXISTING FOURPLEX OUTLET AND COMMUNICATION OUTLET. REINSTALL FOURPLEX OUTLET WITH WEATHERPROOF COVER IN WEATHER PROOF BOX AND RUN 1" CONDUIT UNDERGROUND FROM POWER OUTLET BOX TO POWER SECTION IN NEW PULL BOX PB-1 AT WALKWAY. INSTALL BLANK COVER ON COMMUNICATION WEATHER PROOF EXTENSION BOX AND RUN (2) 2" CONDUIT FROM COMMUNICATION OUTLET TO COMMUNICATION SECTION AT PB-2
 2. NEW DUAL SECTION FIELD JUNCTION BOX. SEE DETAILS ON LANDSCAPE DRAWINGS. FEED 3/4" POWER CONDUIT IN AND OUT OF POWER SECTION AND 1" COMMUNICATION CONDUIT IN AND OUT OF COMMUNICATION SECTION. SEE ONE LINE DIAGRAM, DRAWING E2.
 3. REMOVE EAST FIELD LIGHTING CONDUCTORS BETWEEN ELECTRICAL ROOM AND EXISTING EAST FIELD PULL BOX. REMOVE EXISTING WEST FIELD PULL BOXES AND INSTALL (2) NEW PULL BOXES FLUSH WITH NEW WALKWAY. EXTEND LIGHTING AND COMMUNICATION CONDUIT TO NEW PULL BOXES. PULL NEW LIGHTING CONDUCTORS PER NOTE #5.
 4. EXISTING EAST FIELD PULL BOX TO REMAIN. REMOVE EXISTING LIGHTING FEEDER SPLICES AND REMOVE LINE SIDE CONDUCTORS FROM ELECTRICAL ROOM TO THIS JUNCTION BOX. PULL NEW CONDUCTORS PER NOTE #5 AND REITERMINATE POLE FEEDER CONDUCTORS. SEE ONE LINE DIAGRAM, DRAWING E2.
 5. EXISTING 2" LIGHTING CONDUIT AND 1" COMMUNICATION CONDUIT TO BE ABANDONED. INSTALL 1" COMMUNICATION CONDUIT AND (2) 1 1/2" LIGHTING CONDUIT BETWEEN EAST AND WEST FIELD PULL BOXES. PULL NEW CONDUCTORS IN NEW CONDUIT, 3/4" AND #10 GROUND IN EACH.
 6. STUB 3/4" POWER CONDUIT AND 1" COMMUNICATION CONDUIT TO EXISTING SCOREBOARD LOCATION. CAP FOR FUTURE USE.
 7. EXISTING LIGHTING CONTACTORS ARE LOCATED ON THE EAST WALL OF THE EXISTING ELECTRICAL ROOM. REMOVE WIRING (4#20) BETWEEN EAST FIELD CONTACTOR AND EAST FIELD PULL BOX. RE-PULL (2) SETS OF #10 CONDUCTORS BETWEEN EAST FIELD CONTACTOR AND EAST FIELD PULL BOX USING EXISTING 2" CONDUIT TO WEST FIELD JUNCTION BOX AND (2) NEW 1 1/2" CONDUIT TO EAST FIELD PULL BOX. SEE ONE LINE DIAGRAM, SHEET E2.

8. STUB 3/4" POWER CONDUIT AND 1" COMMUNICATION CONDUIT TO EXISTING TIMER POLE LOCATION. CAP FOR FUTURE USE.
9. EXISTING FIELD TELEPHONE JUNCTION BOX TO BE REMOVED.
10. RECONNECT CENTER FIELD LIGHTING POLE TO DEDICATED SET OF CONDUCTORS FROM EAST FIELD LIGHTING CONTACTOR. SOUTHEAST AND SOUTHWEST LIGHTING POLES WILL BE CONNECTED TO THE SECOND SET OF CONDUCTORS.
11. INSTALL NEW EMERGENCY TELEPHONE PER SPECIFICATIONS, FEED WITH 120 VOLT POWER AND TELEPHONE LINE. SEE BASE DETAIL, DRAWING E2.0
12. APPROXIMATE LOCATION OF EXISTING NETWORK RACK AT GRADE LEVEL. RUN TELEPHONE CABLE FROM THIS LOCATION TO NEW EMERGENCY PHONE PER SPECIFICATIONS.
13. RUN (1) 3/4" CONDUIT FOR EMERGENCY TELEPHONE COMMUNICATION LINE AND (1) 3/4" CONDUIT WITH 3 #10 CONDUCTORS FOR POWER TO EMERGENCY PHONE.
14. EXISTING PULL BOX FOR FIBER OPTIC CABLE. RUN 3/4" CONDUIT FROM THIS PULL BOX FOR NEW EMERGENCY PHONE WIRING.
15. RUN CAT 6 CABLE IN EXISTING 2" COMMUNICATION CONDUIT WITH FIBER OPTIC CABLE. EXTEND TO NEW EMERGENCY TELEPHONE.
16. EXISTING POLE MOUNTED IRRIGATION SYSTEM JUNCTION BOX. 3/4" CONDUIT FROM THIS JUNCTION BOX TO EMERGENCY TELEPHONE. PULL NEW WIRING PER NOTE 13.
17. 2" CONDUIT IS STUBBED INTO STORAGE ROOM. RUN CAT 6 CABLE EXPOSED IN ROOM TO NETWORK RACK. FOLLOWING ROUTE OF FIBER CABLE.
18. TRACE CONDUIT AND WIRE ROUTE TO EXISTING SCOREBOARD AND TIME CLOCK. PROTECT THIS WIRING THROUGHOUT CONSTRUCTION.
19. RUN (4) #12 CONDUCTORS BETWEEN EXISTING 4PLEX OUTLET AND STB2 AND (3) #12 CONDUCTORS BETWEEN STB-2 AND STB-1.
20. INSTALL DUPLEX OUTLET IN THIS FIELD JUNCTION BOX.

ELECTRICAL SITE PLAN



Checked: _____
 Drawn By: RGM DRAFTING
 Checked: _____ JK
 Project #: 1340 C
 Date: 04/04/2014
 Rev. #: _____ Date: _____

100%
 CONSTRUCTION
 DOCUMENTS

SHEET TITLE
**ELECTRICAL
 SITE PLAN**

SHEET #
E1.0

