

**Churchill High School Backstop Netting Project
C.I.P. # 420.678.103**

ADDENDUM No. 1
April 9, 2018

Eugene Public School District 4j
Facilities Management
715 West 4th Avenue
Eugene, OR 97402
P (541) 790-7417 F (541) 709-7427
Contact: Kirk Gebb, Project Manager

LANDSCAPE ARCHITECT
Cameron McCarthy
Landscape Architects LLP
160 East Broadway
Eugene, OR 97401
P (541) 485-7385 F (541) 485-7389
Contact: Larry Gilbert, RLA

Structural Engineer
Branch Engineering
310 5th Street
P (541) 746-0637 F (541) 746-0389
Contact: Rick Hernandez, SE

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated March 28, 2018 as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the bidder to disqualification.

Pre-Bid Attendance

Churchill HS Backstop Netting Project • 4j C.I.P # 420.678.103. Bid Documents dated March 28, 2018:

1. The attendee's sign-in list for the mandatory pre-bid held on April 4, 2018 is attached to this addendum.

Replace

1. Replace Specification Cover Page with cover page attached to this Addendum. **Clarification: The date to submit sealed bids is April 17, 2018 at 3:00 PM PDT.**
2. Replace Specification Section 12 93 00 – Baseball Safety Netting System attached to this Addendum. **Clarification:** The entire baseball safety netting system is to be provided by a single manufacturer. This includes all poles, netting, and hardware, installation instructions, stamped structural details, stamped structural calculations, drawings and warranty information.
3. Replace Drawing – Sheet L1.1 – Site Plan attached to this Addendum. **Clarification:** Revised Site Plan includes changes to the netting poles sizes and Special Notes regarding baseball field protection and cinders to be provided by Contractor.
4. Replace Drawing – Sheet L1.2 – Pole Layout Plan attached to this Addendum.
5. Replace Drawing – Sheet L2.1 – Site Details attached to this Addendum.
6. Replace Drawing – Sheet L2.2 – Site Details attached to this Addendum.
7. Replace Drawing – Sheet L2.3 – Site Details attached to this Addendum.
8. Replace Drawing – Post & Footing Details attached to this Addendum.



Change

1. Specifications Section 32 31 13 Part 2 – PRODUCTS – **CHANGE PART 2.03 FINISHES:**

- “ A. Components and accessories: Galvanized coat all posts, components, and accessories.
- B. Fabric: 2.0 oz/sq ft galvanizing.
- C. Color: Gray galvanized. “

Clarification

1. All submittals related to Backstop Netting System must be delivered to the Landscape Architect no later than seven (7) days after execution of the Contract.
2. Contractor will be provided with geotechnical report. Netting System mfg. will prepare structural details and calculations related to Backstop Netting System, with Oregon stamp, for submittal as supplemental information to Building Permit Services, City of Eugene.
3. Structural Calculations associated with chain link fence still apply.
4. The Contractor will perform the temporary relocation of existing aluminum portable bleachers, to areas adjacent to the project area. Location(s) are to be approved by the Owner. The purpose of relocation is to provide construction access for the project.
5. The Contractor is required to protect the existing baseball field that include but may not be limited to: turf, infield clay, irrigation systems, and fencing. Any damage to the existing ball field shall be repaired at the expense of the Contractor in a manner approved by the Owner's representative.
6. The Contractor has the option to install a formed, CIP concrete wall in lieu of a CMU wall as shown on Sheet L2.3. The Contractor must receive approval of this approach, including wall final dimensions, wall finish etc. prior to commencing work.

END OF ADDENDUM

MANDATORY PRE-BID
CHS NETTING PROJECT

APRIL 4, 2018
10:00 AM

<u>NAME</u>	<u>COMPANY</u>	<u>CONTACT</u> <u>PHONE</u>	<u>EMAIL</u>
ALI McQUEEN	CAMERON McCARREY	541-985-7385	ali@cameronmccarrey.com
LARRY GILBERT	" "	" "	Larry@cm.com
SPENCER LEMMON	WILDISH BUILDING CO	541 683-7746	SPENCER@WILDISH.COM
JERRY SCHULTZ	Z9 CONSTRUCTION	541-689-3850	Z9@z9construction.com
Ryan Thomas	Ryan Thomas Const.	541-687-6918	ryan@rthomascost.com
Andrew Roberts	BSN Sports	541-521-8600	aroberts@bsnsports.com
J.P. Lee	REXUS	541-232-0346	JACK@REXUS.COM



CAMERON
McCARTHY

INVITATION TO BID

Churchill High School Backstop Netting Project

C.I.P. # 420.678.103

EUGENE PUBLIC SCHOOL DISTRICT 4J

EUGENE, OREGON

Return by: Thursday April 17, 2018
3:00 p.m.
No faxed or electronic quotes will be accepted.

Mailing Address: Facilities Management
715 West 4th Avenue
Eugene, Oregon 97402

Phone: (541) 790-7417

Larry Gilbert, ASLA
Cameron McCarthy Landscape Architects and Planners LLP
160 E. Broadway, Eugene, OR, 97401
(541) 485-7385

DATE ISSUED:
March 28, 2018

SECTION 12 93 00
BASEBALL SAFETY NETTING SYSTEM**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Baseball Safety Tension Netting System.

1.02 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods and details.
 - 4. Maintenance and cleaning recommendations.
 - 5. Warranty information.
- C. Shop Drawings: Indicate size, shape, and dimensions, including clearances from adjacent obstructions.
- D. Engineered Drawings: For Safety Netting submit engineering drawings and structural calculations stamped by an Oregon licensed engineer to Owner's Representative to satisfy City permitting requirements. A geotechnical soils report will be provided.

1.03 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation.
- B. Handle furnishings with sufficient care to prevent scratches and other damage to the finish.

PART 2 PRODUCTS**2.02 BASEBALL SAFETY TENSION NETTING SYSTEM**

- A. Poles, net, wire rope, tie-back and pole to pole systems designed for outdoor use.
 - 1. Height: 40 ft exposed height at end and intermediary poles; 35 ft. exposed height at backstop poles.
 - 2. +/-30 feet netting, plus 10 feet chain link fencing.
 - 3. Net Poles:
 - a. End Poles: 6" inch outside diameter Sched 40 steel tube; Powder coat black.
 - b. Intermediary Posts: 6" inch outside diameter Sched 40 steel tube; Powder coat black.
 - c. Backstop Posts: 6" inch outside diameter Sched 40 steel tube; Powder coat black.
 - 4. Net: 1-3/4 inch square mesh, 1.2 MM 4-strand braided; color: black.
- B. Approved Products:
 - 1. Ultra Cross Braided Dyneema Netting; model number BSSNUC (TFBSS-NET-ULTRACROSS) by Sportsfield Specialties, or approved.
 - 2. Customized baseball tension netting system of netting, wire rope, turnbuckles, attachments and related materials by Sportsfield Specialties (607) 746-1436 or approved.
 - 3. Steel poles; eposed height and shape to match drawings; metal brackets and related materials by Sportsfield Speciaties (607) 746-1436 or approved.
- C. A complete baseball safety netting system and materials is to be provided by a single manufacturer. This includes all poles, netting, and hardware, installation instructions, structural calculations, drawings and warranty information.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive furnishings.
- B. If substrate preparation is the responsibility of another installer, notify Owner's Representative of unsatisfactory preparation before proceeding.
- C. Do not begin installation until unsatisfactory substrates have been properly repaired.

3.02 PREPARATION

- A. Ensure surfaces to receive site furnishings are clean, flat, and level.

3.03 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install furnishings level, plumb, square, and correctly located as indicated on the drawings.

3.04 CLEANING

- A. Clean installed work to like-new condition. Do not use cleaning materials or methods that could damage finish.

3.05 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION



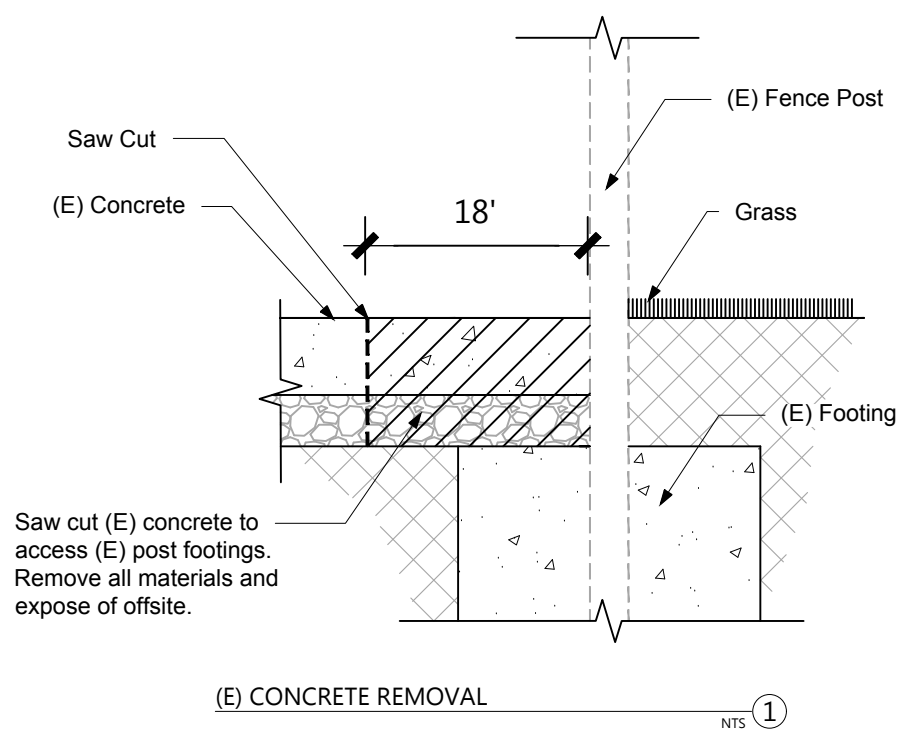
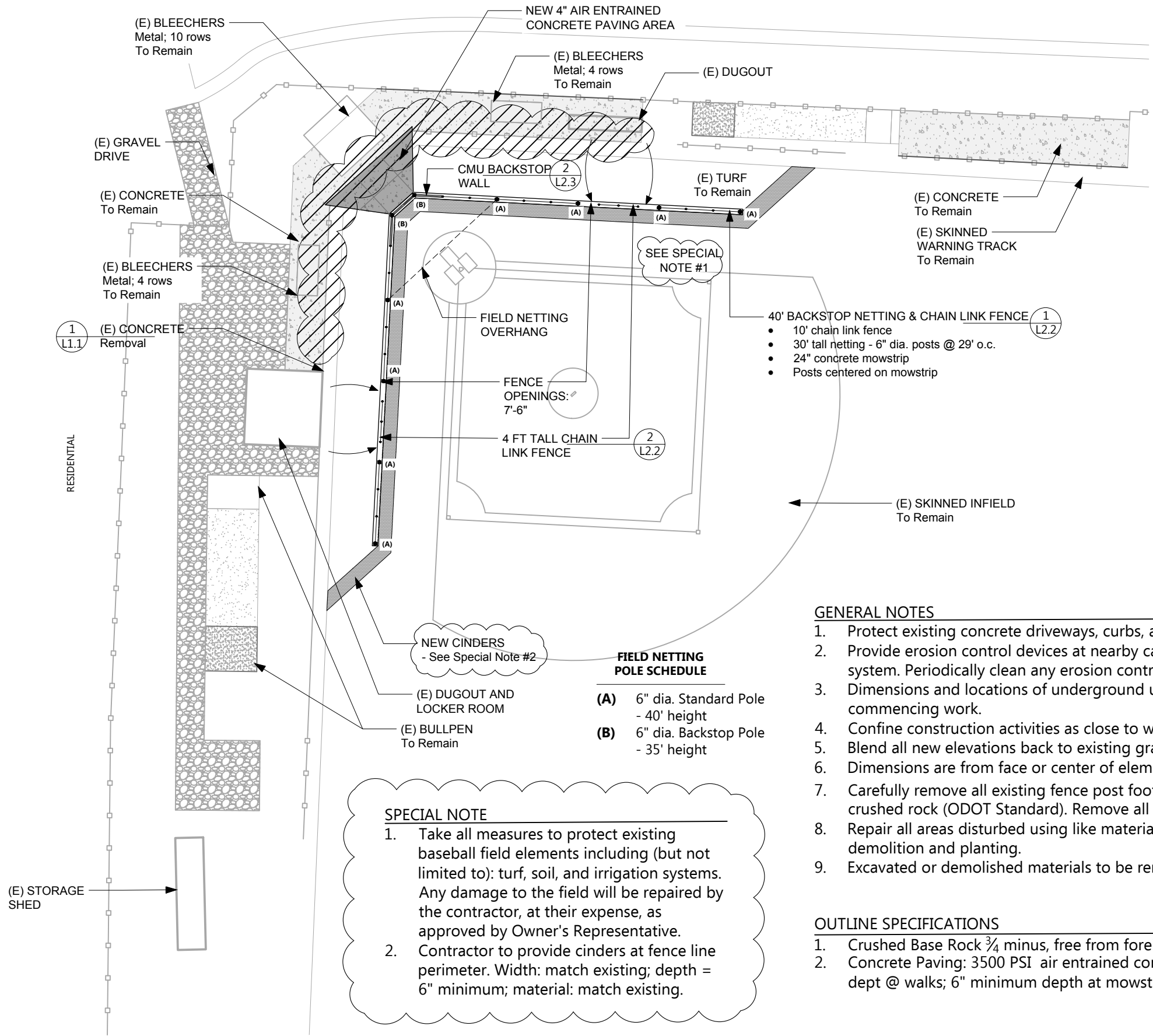
Checked: LKG
 Drawn By: AMcQ
 Project #: 1806C
 Date: Mar. 28, 2018

Rev. #: 1 Date: 09/06/2018

100% BID/PERMIT SET
 SHEET TITLE

SITE PLAN

SHEET #
L1.1



SPECIAL NOTE

1. Take all measures to protect existing baseball field elements including (but not limited to): turf, soil, and irrigation systems. Any damage to the field will be repaired by the contractor, at their expense, as approved by Owner's Representative.
2. Contractor to provide cinders at fence line perimeter. Width: match existing; depth = 6" minimum; material: match existing.

FIELD NETTING POLE SCHEDULE

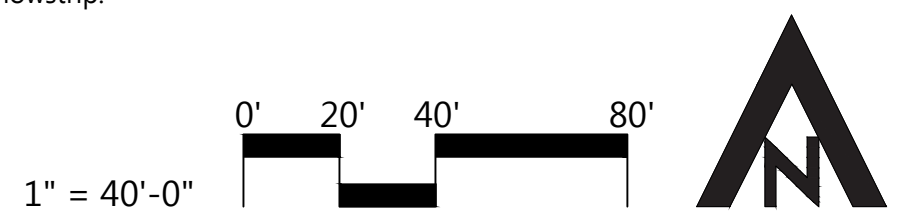
(A)	6" dia. Standard Pole - 40' height
(B)	6" dia. Backstop Pole - 35' height

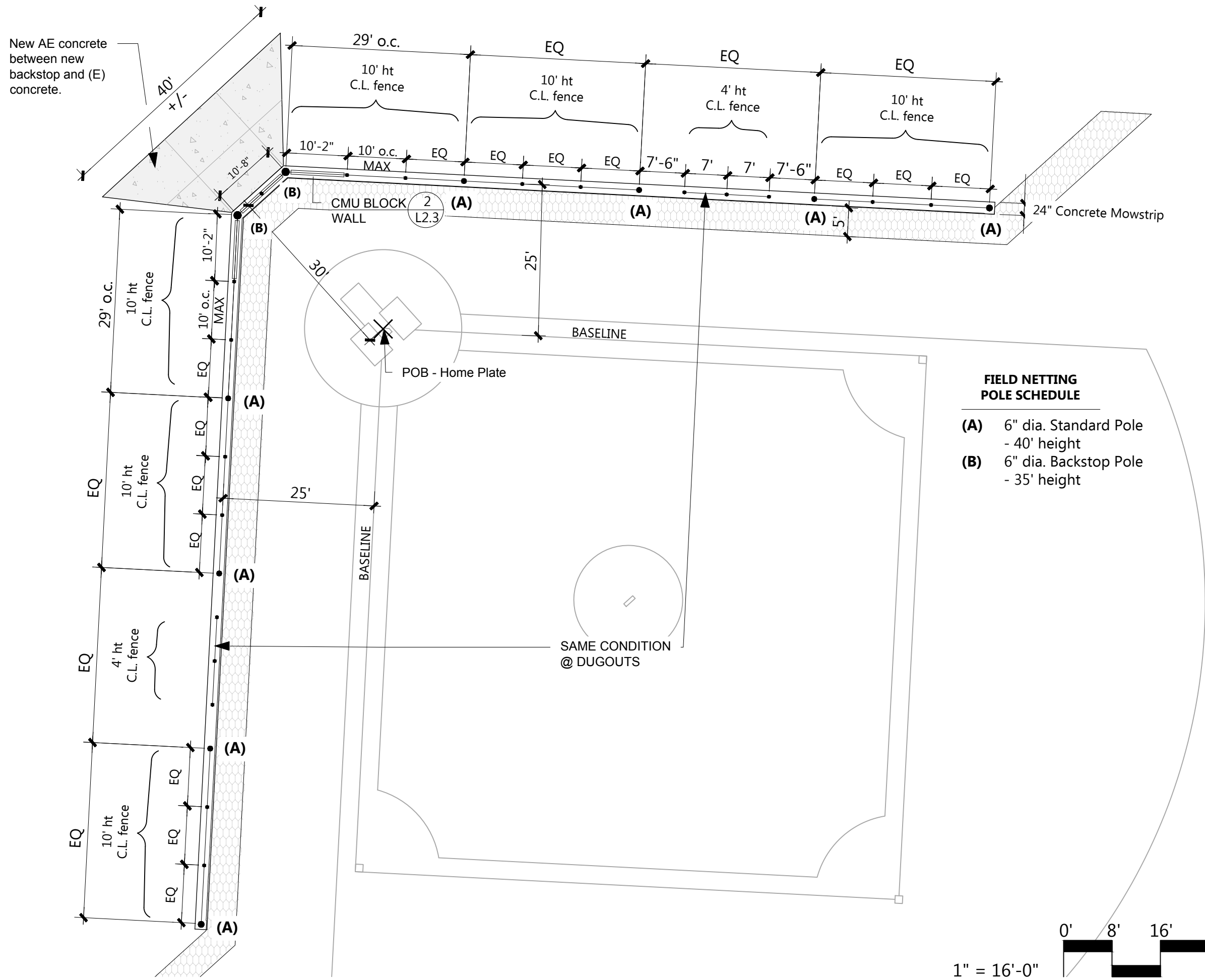
GENERAL NOTES

1. Protect existing concrete driveways, curbs, and fencing from damage. Repair any damage to areas during work.
2. Provide erosion control devices at nearby catch basins to prevent desiment-laden runoff from entering Storm Drain system. Periodically clean any erosion control devices as required.
3. Dimensions and locations of underground utilities are approximate. Provide private locate of utilities prior to commencing work.
4. Confine construction activities as close to work footprint as possible.
5. Blend all new elevations back to existing grade to create uniform slope. Maximum slope, 4:1.
6. Dimensions are from face or center of element unless noted otherwise.
7. Carefully remove all existing fence post footings where shown. Backfill and compact footing excavation with ¾" minus crushed rock (ODOT Standard). Remove all footings and related fence components and dispose offsite.
8. Repair all areas disturbed using like materials. Blend grades to achieve positive drainage. See Specifications for demolition and planting.
9. Excavated or demolished materials to be removed and disposed offsite.

OUTLINE SPECIFICATIONS

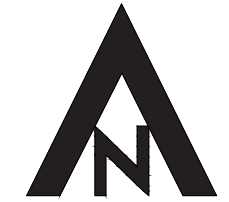
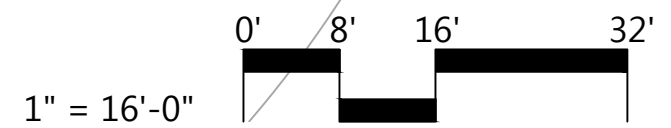
1. Crushed Base Rock ¾" minus, free from foreign material, conforming to ODOT Standards.
2. Concrete Paving: 3500 PSI air entrained concrete. Broom finish to match existing concrete to remain. 4" minimum dept @ walks; 6" minimum depth at mowstrip.





**FIELD NETTING
POLE SCHEDULE**

- (A) 6" dia. Standard Pole
- 40' height
- (B) 6" dia. Backstop Pole
- 35' height



WINSTON CHURCHILL HIGH SCHOOL
BACKSTOP NETTING

WINSTON CHURCHILL HIGH SCHOOL
1850 Bailey Hill Rd, Eugene, OR 97405



Checked: LKG
 Drawn By: AMcQ
 Project #: 1806C
 Date: Mar. 28, 2018

Rev. #: 1 Date: 09/06/2018

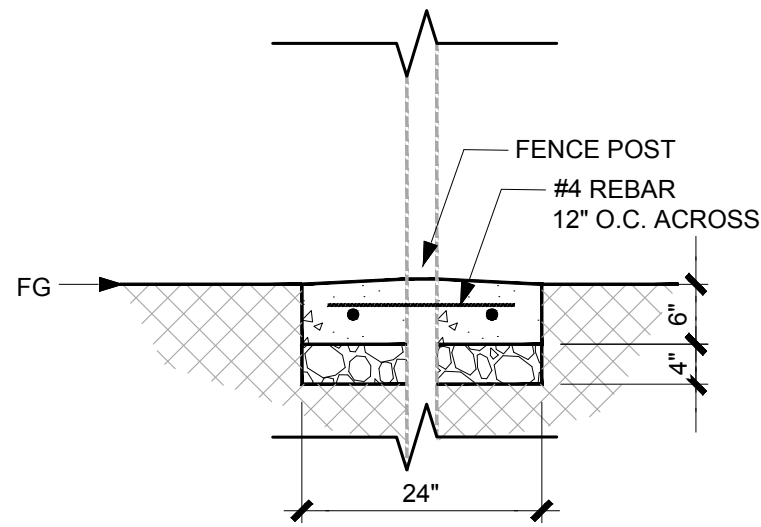
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SHEET TITLE

POLE
LAYOUT PLAN

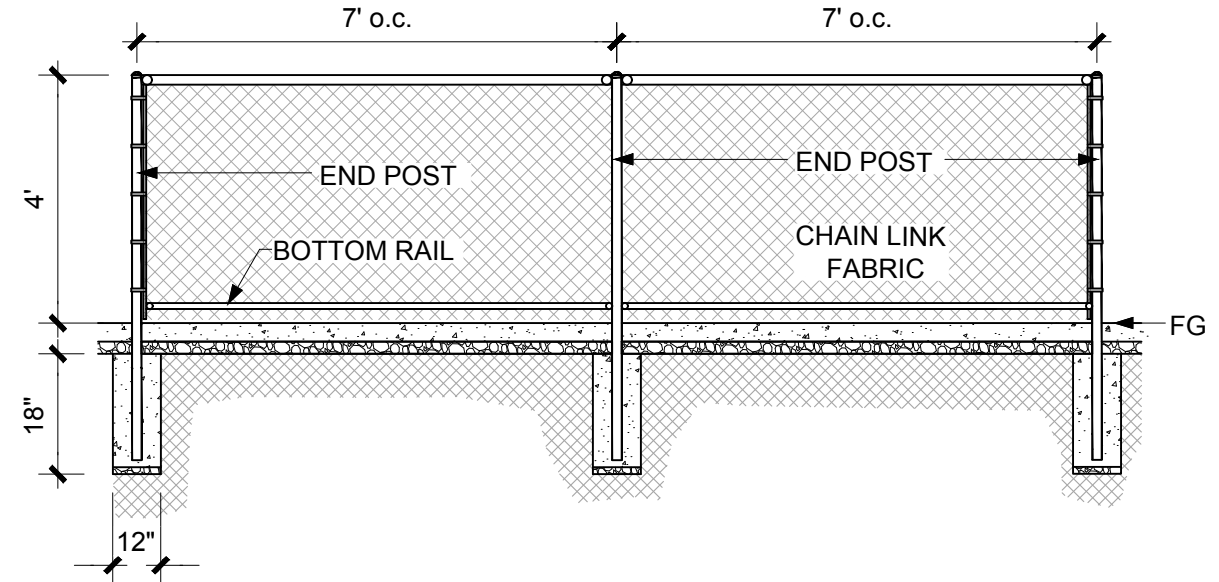
SHEET #

L1.2



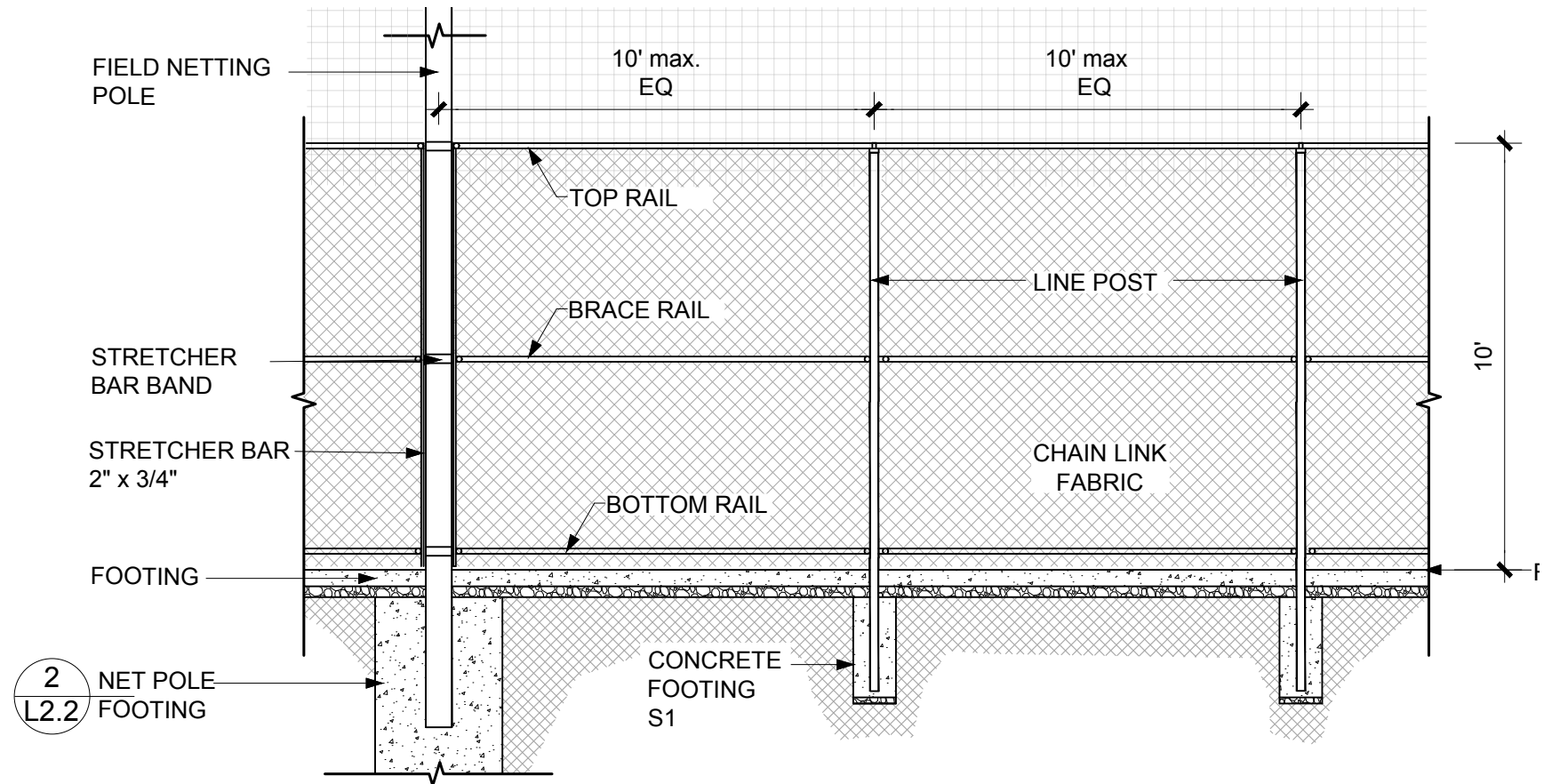
MOWSTRIP
@ Fence

NTS ③



CHAIN LINK FENCING
@ Dugouts

NTS ①



CHAIN LINK FENCING
@ Baseline

NTS ②

WINSTON CHURCHILL HIGH SCHOOL
BACKSTOP NETTING

WINSTON CHURCHILL HIGH SCHOOL
1850 Bailey Hill Rd, Eugene, OR 97405



Checked: LKG
Drawn By: AMcQ
Checked:
Project #: 1806C
Date: Mar. 28, 2018

Rev. #: Date:
1 09/06/2018

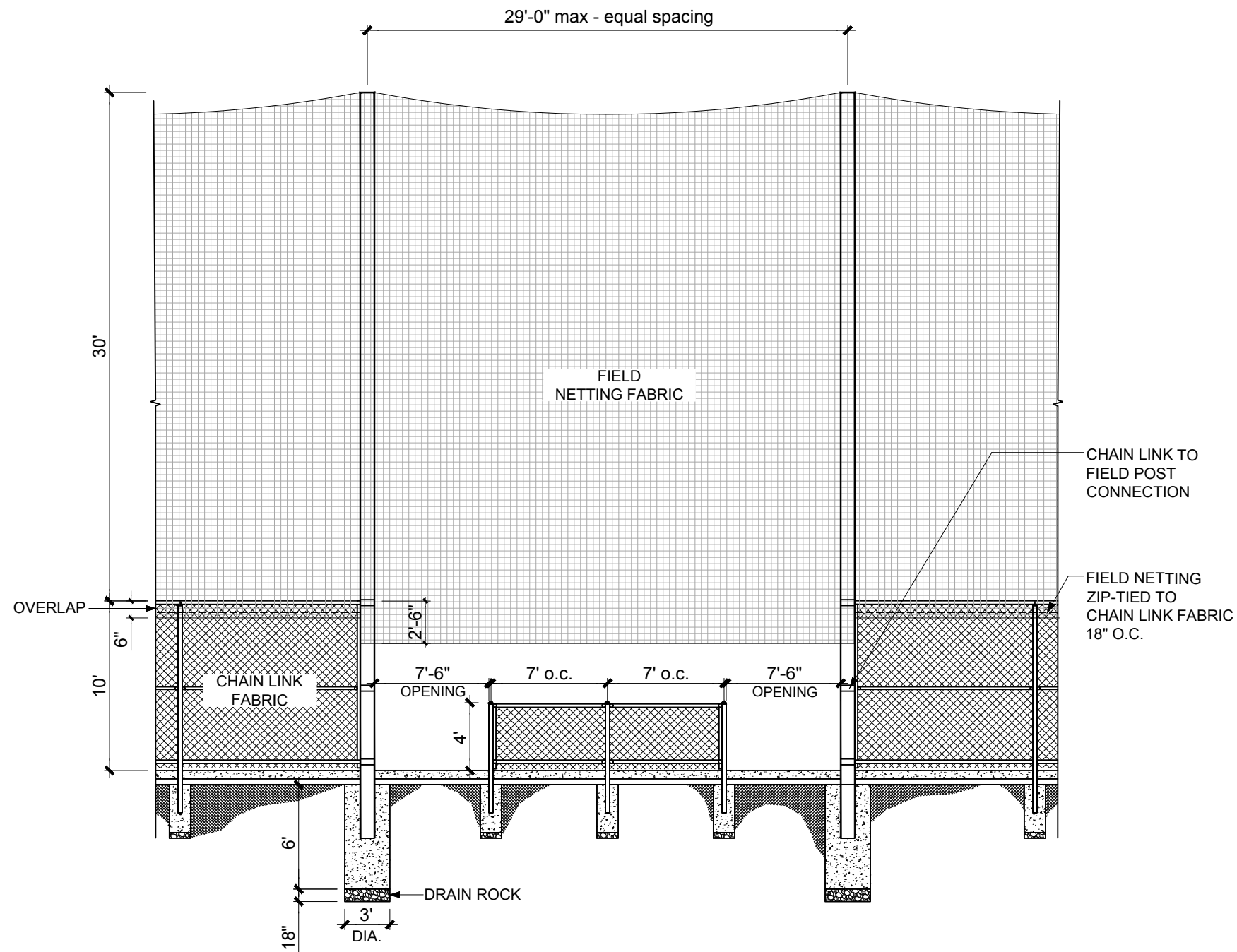
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SHEET TITLE

SITE
DETAILS

SHEET #

L2.1

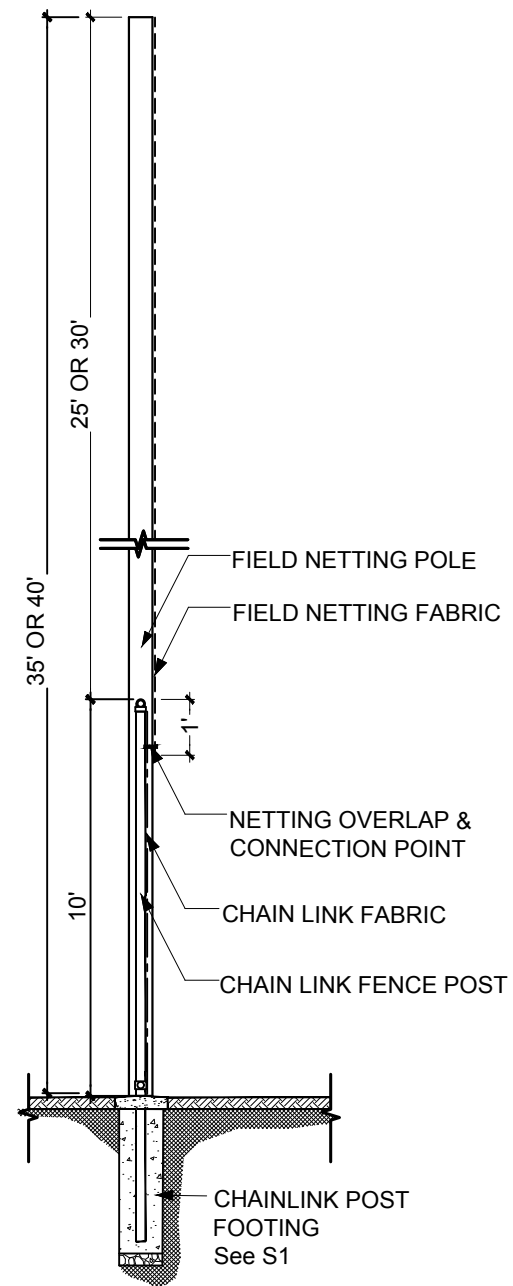


NOTES

1. Net fabric to be zip-tied to chain link 1'-0" below fence top rail @ 2' o.c. (typical).
2. Net fabric to extend 2'-6" below fence top rail @ dugout opening.
3. See Specifications for finishes and materials.

FENCE SYSTEM ELEVATION
 @ Dugouts

NTS ②



NOTES

1. Field Netting to overlap 1' below top rail of chain link fence.

FIELD NETTING TO CHAIN LINK
 CONNECTION

NTS ①

WINSTON CHURCHILL HIGH SCHOOL
 BACKSTOP NETTING

WINSTON CHURCHILL HIGH SCHOOL
 1850 Bailey Hill Rd, Eugene, OR 97405



Checked: LKG
 Drawn By: AMCQ
 Checked:
 Project #: 1806C
 Date: Mar. 28, 2018

Rev. #: 1 Date: 09/06/2018

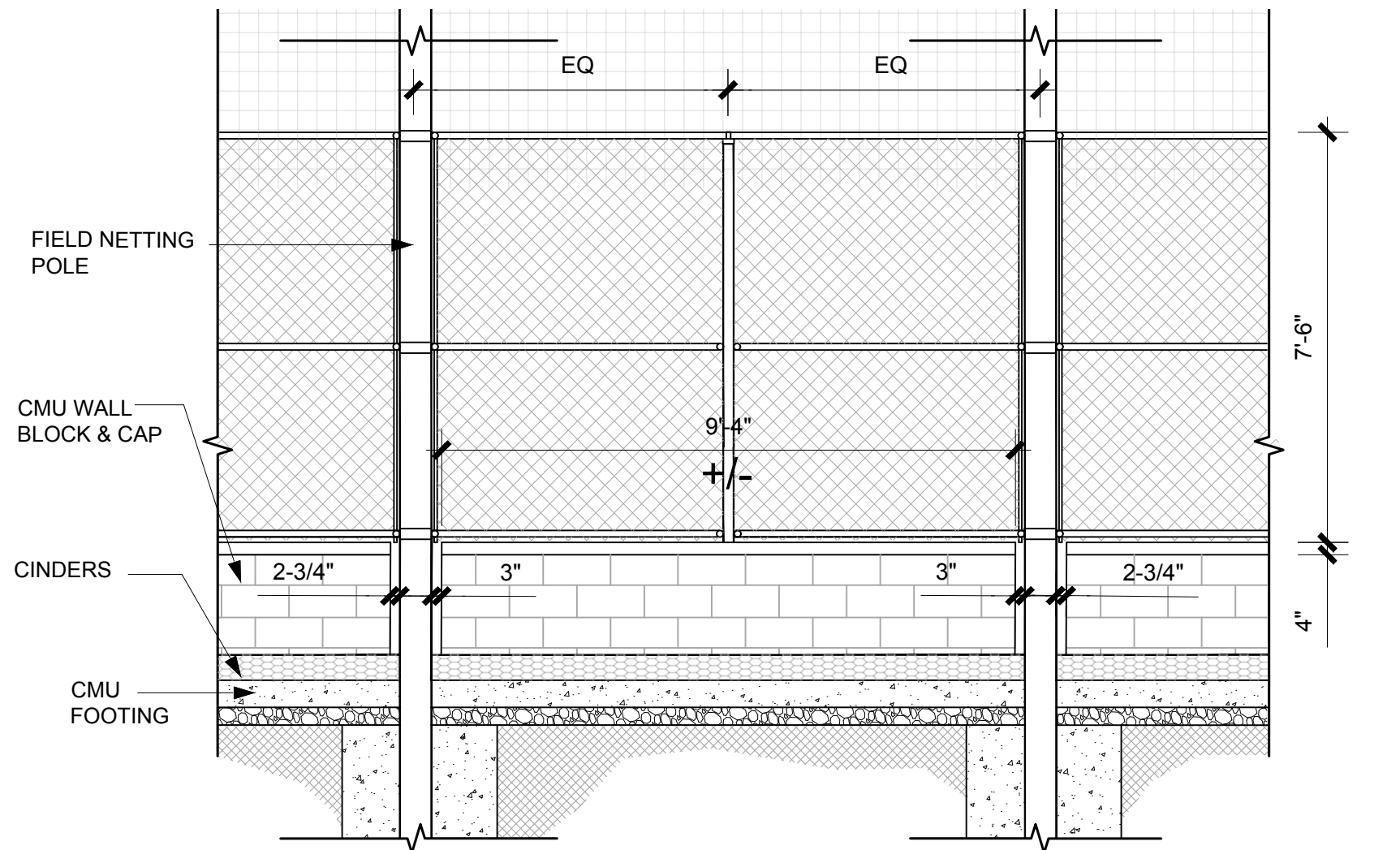
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SITE
 DETAILS

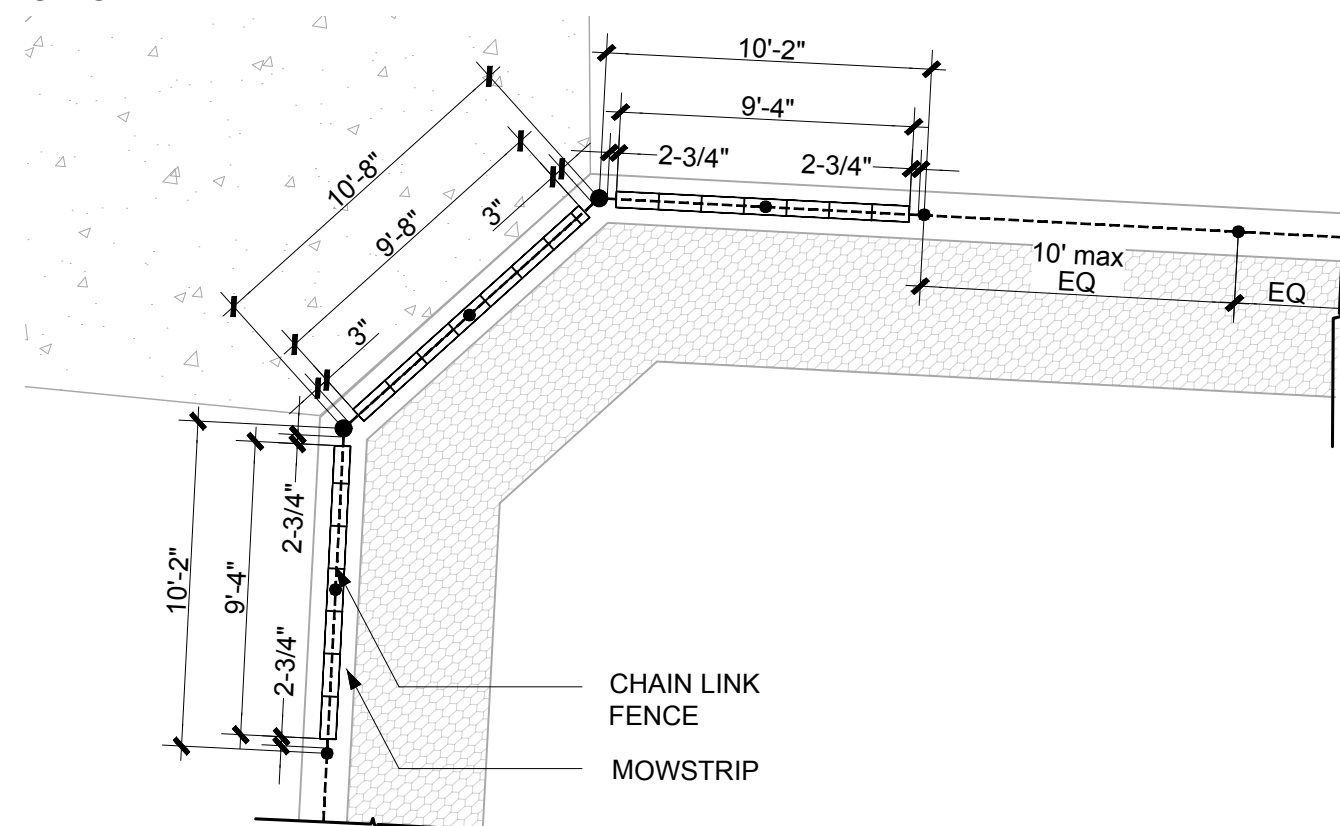
SHEET #

L2.2



BACKSTOP WALL
W/ FENCING

NTS ③



CMU WALL LAYOUT
@ Backstop

NTS ②

CHAIN LINK FENCE POST
Embedded in CMU Wall
- 36" depth

CMU WALL
BLOCK & CAP
See Notes for
product info.

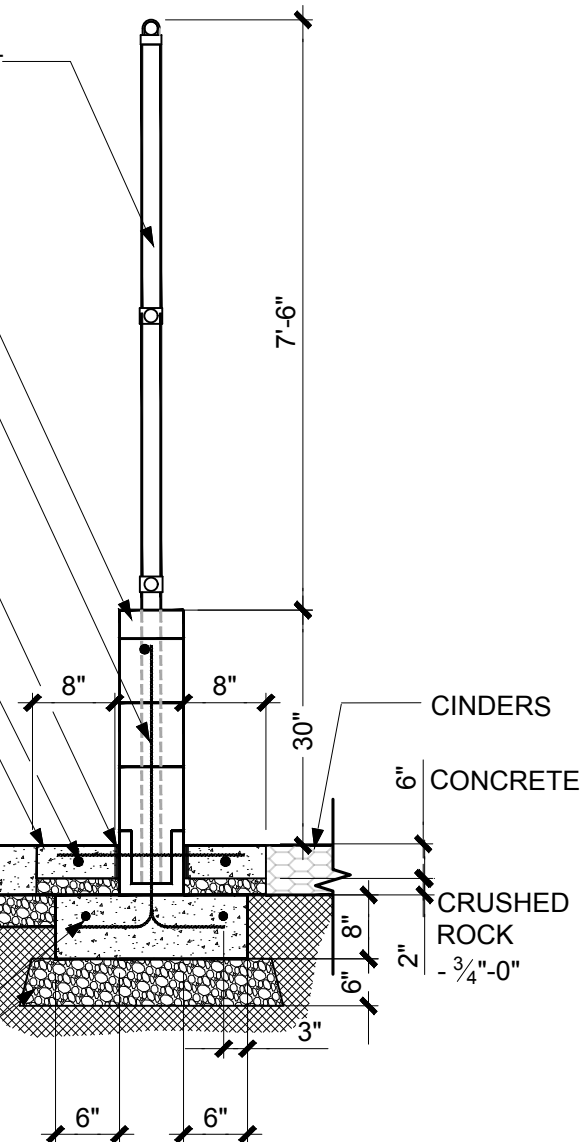
8" SOLID
GROUTED CMU WALL
with #4 rebar horizontal
and @ 24" o.c. vertical

EXPANSION JOINT

REINFORCED #4
REBAR @ 12" O.C.
ACROSS

24" TOTAL
MOWSTRIP (Typ.)

FG
HOLD BOTTOM
BLOCK 6"
BELOW GRADE
#4 REBAR
CRUSHED ROCK



NOTES

1. Running bond pattern.
2. CMU Wall to utilize following or similar products:
 - 2.1. FULL BLOCK: Willamette Graystone (8x8x16): 800 B
 - 2.2. CAP BLOCK: Willamette Graystone (8x3x16): 400 S
3. CONTRACTOR'S OPTION: Contractor may install cast-in-place formed concrete wall in lieu of CMU wall. Wall could enclose entire net poles.

CMU WALL w/ FENCE
@ Backstop

NTS ①

SHEET NOTES:

1. SPORTS NETTING POST SPACING = 30' MAX
2. SPORTS NETTING MAX CLOSED AREA = 5%
3. CHAIN LINK POST SPACING = 10' MAX
4. CHAIN LINK MAX CLOSED AREA = 16%
5. MINIMUM SUPPORT CABLE SAG = 12in
6. INTERIOR POSTS SHALL HAVE PASS-THRU CONNECTIONS w/ CABLE FREE TO SLIDE THRU.
7. ALL CONNECTIONS TO SPORT NETTING POSTS ARE TO BE DESIGNED BY OTHERS.
8. ALL PIPE SHALL BE ASTM A53 GRADE B.

SPORTS NETTING POST SCHEDULE

MARK	SIZE
END POST	PIPE 12 X-STRONG
INTERIOR POST	STD. PIPE 10

GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE IN GENERAL CONFORMANCE WITH CONSTRUCTION DETAILS OF A SIMILAR NATURE ELSEWHERE ON THE PROJECT.

CAMERON McCARTHY

LANDSCAPE ARCHITECTURE & PLANNING
180 East Broadway • Eugene Oregon 97401
P 541.485.7205 F 541.485.7300
www.cameronmccarthy.com

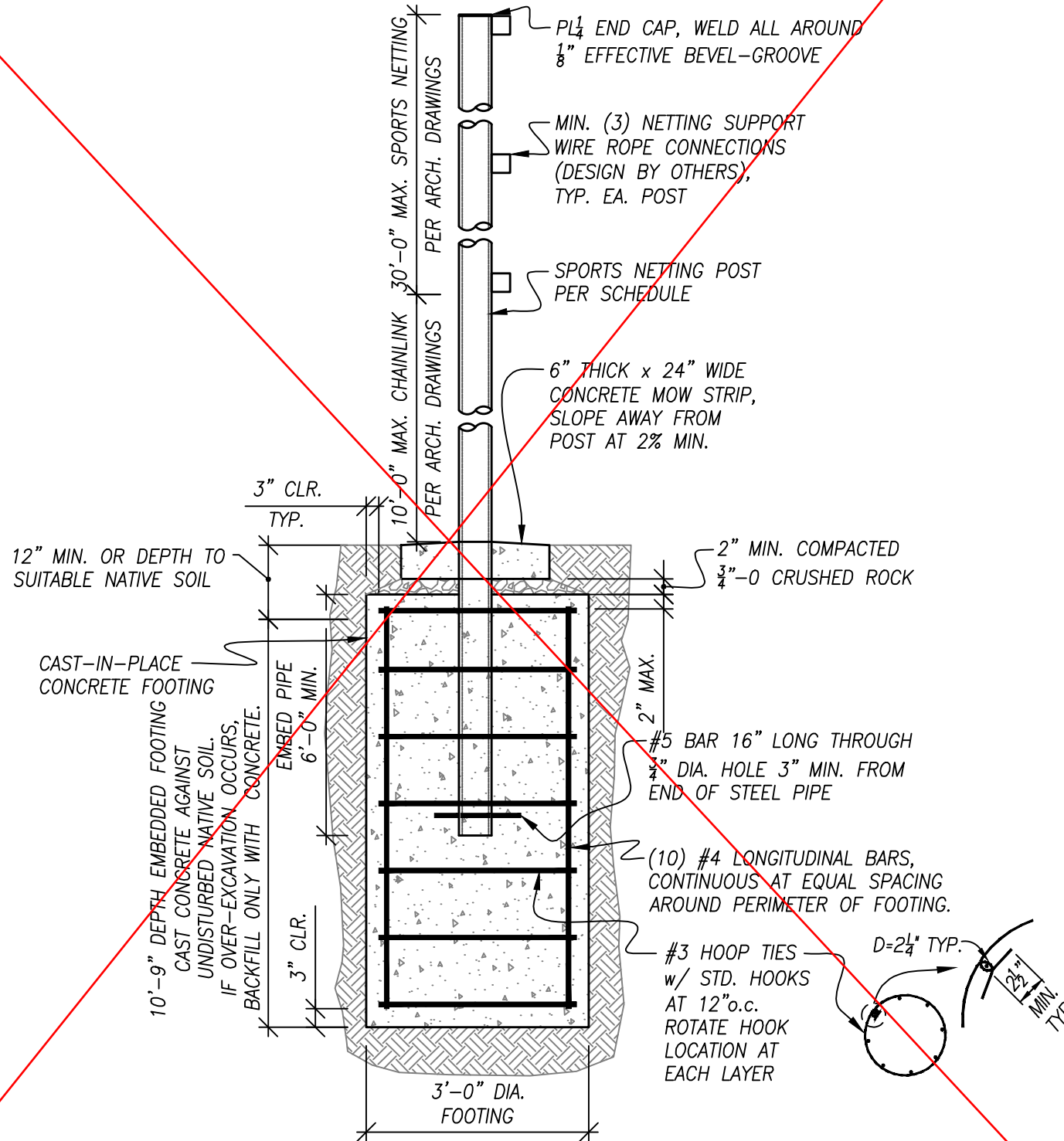
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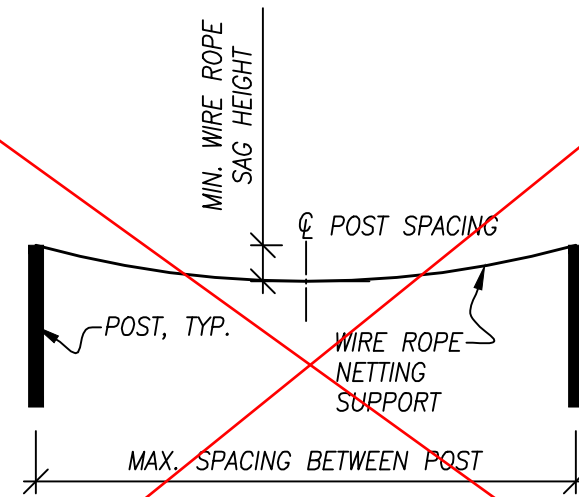
310 5th Street
Springfield, OR 97477
P 541.746.0937
www.BranchEngineering.com
Springfield OR 1 Albany OR

WINSTON CHURCHILL HIGH SCHOOL
BASEBALL FIELD

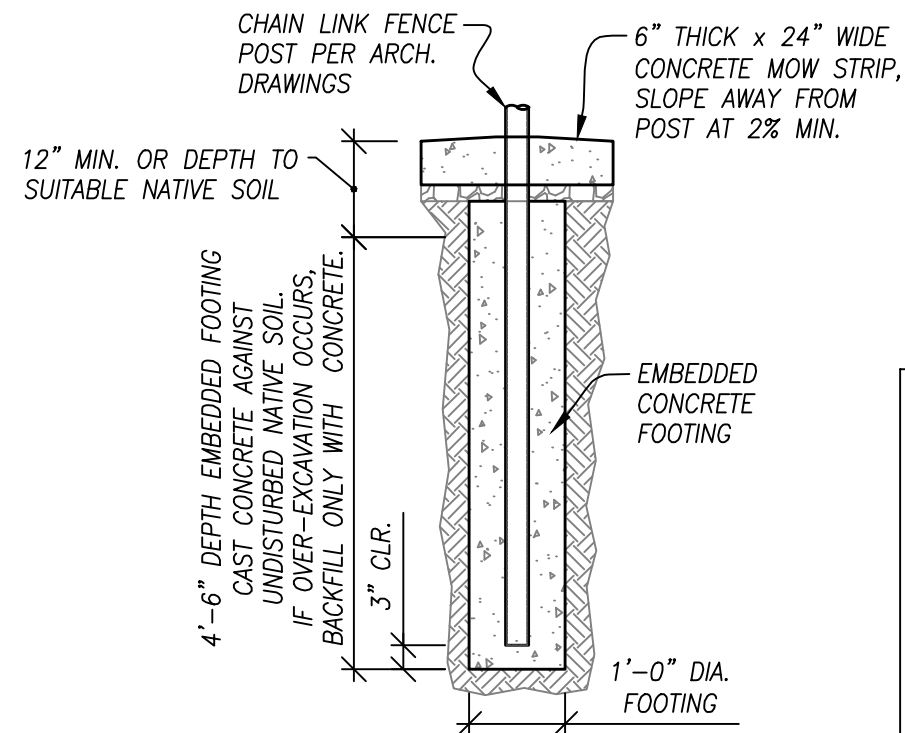
WINSTON CHURCHILL HIGH SCHOOL
1850 Bailey Hill Rd, Eugene, OR 97405



1
S1 SCALE: N.T.S.
SPORTS NETTING POST & EMBEDDED FOOTING



2
S1 SCALE: N.T.S.
WIRE ROPE SAG MEASUREMENT



3
S1 SCALE: N.T.S.
CHAIN LINK FENCE POST FOOTING

Z:\2018\18-067 CHS Sports Netting\Branch Drawings\18-067 CHS Sports Net S1.dwg 3/6/2018 3:06 PM JOSHA

Checked: _____ RH
Drawn By: _____ JJA
Checked: _____
Project #: 1806C/18-067
Date: Mar. 06, 2018

Rev. #: _____ Date: _____
_____ dd/mm/yy

100% SHEET TITLE
SHEET TITLE
POST & FOOTING DETAILS
SHEET #

STRUCTURAL REGISTERED PROFESSIONAL ENGINEER #67092PE

OREGON DEC. 30, 2011 RICARDO HERNANDEZ

Renews: JUNE 30, 2019

S1