

## 95% PERMITTING DOCUMENTS

# Milton High School - Lower Field Improvements

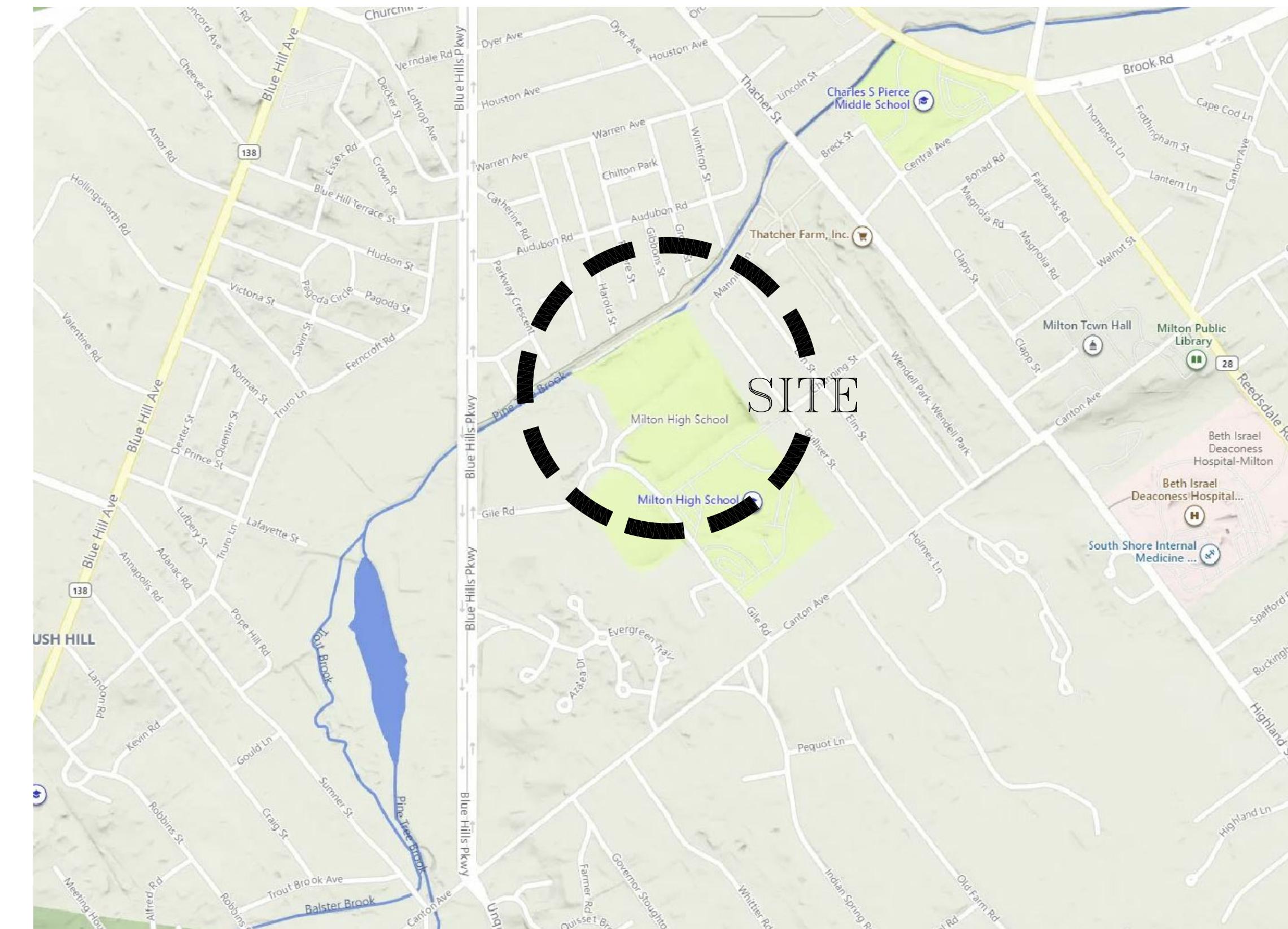
## Milton, Massachusetts

*February 9, 2023*

### LIST OF DRAWINGS:

- S-1 EXISTING CONDITIONS PLAN
- SP-1 SITE PREPARATION PLAN
- L-1 LAYOUT & MATERIALS PLAN
- L-2 GRADING & DRAINAGE PLAN
- L-3 LANDSCAPE & PLANTING PLAN
- L-4 ATHLETIC FIELD DETAILS
- L-5 CONSTRUCTION DETAILS
- L-6 CONSTRUCTION DETAILS
- L-7 SEATING AREA CROSS-SECTION

### LOCUS PLAN

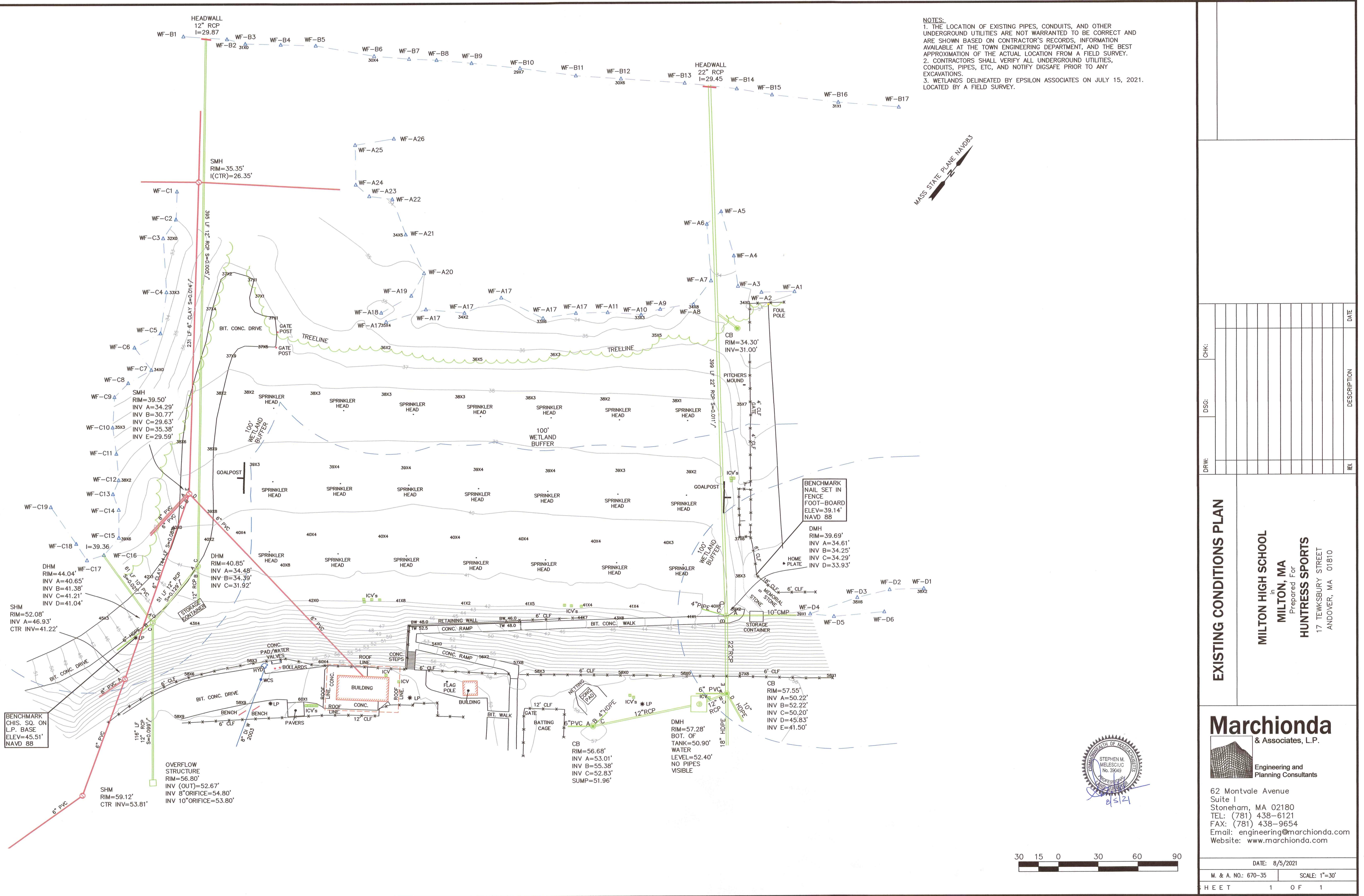


OWNER:  
Town of Milton  
525 Canton Avenue  
Milton, Massachusetts 02186



LANDSCAPE ARCHITECT:  
Huntress Associates, Inc.  
17 Tewksbury Street  
Andover, Massachusetts 01810  
978.470.8882





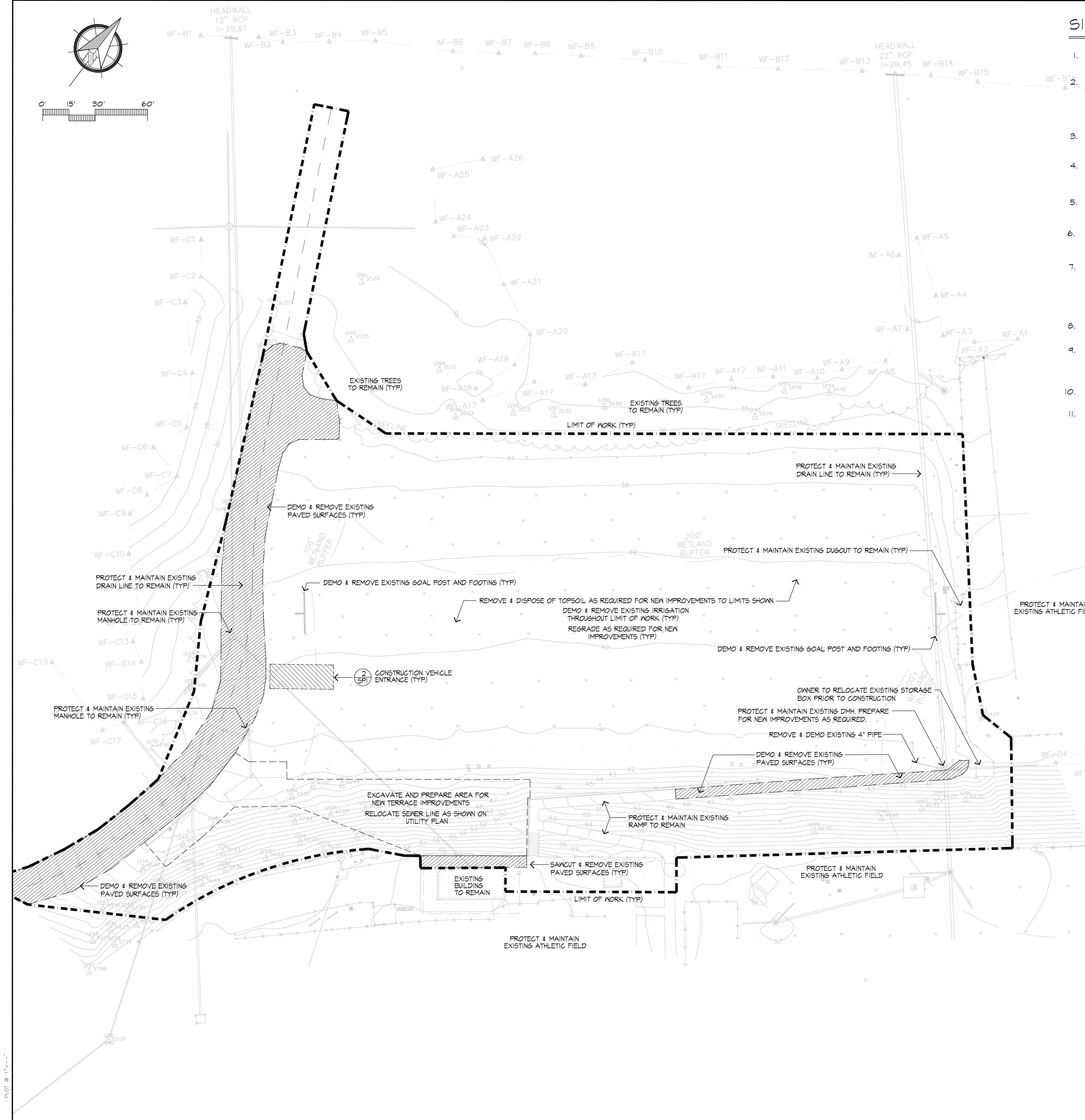
**MILTON HIGH SCHOOL**  
**in**  
**MILTON, MA**  
Prepared For  
**HUNTRESS SPORTS**

17 TEWKSBURY STREET  
ANDOVER, MA 01810

# Marchionda & Associates, L.P.

Montvale Avenue  
te I  
oneham, MA 02180  
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ail: engineering@marchionda.com  
bsite: www.marchionda.com

DATE: 8/5/2021	
§ A. NO.: 670-35	SCALE: 1"=30'
E T	1 O F 1



# SITE PREPARATION NOTES

WF-B16

1. EXISTING CONDITIONS INFORMATION IS REPRODUCED FROM THE SURVEY PREPARED BY MARCHIONDA ASSOCIATES LP - DATED AUGUST 5, 2021.
2. WITHIN THE LIMIT OF THE WORK LINE AS NOTED ON THE SITE PREPARATION PLANS, REMOVE AND DISCARD ALL CONCRETE PAVEMENT, BITUMINOUS CONCRETE PAVEMENT, BRICK PAVEMENT, TOP SOIL, MULCH, TRASH, DEAD TREES AND STUMPS, SHRUBBERY, CHAIN LINK FENCE POSTS, RAILS, FABRIC, GATES, FOOTINGS AND ALL APPURTENANCES, BOLLARDS, POSTS, CONCRETE FOOTINGS AND FOUNDATIONS, WALLS AND CURBS UNLESS OTHERWISE NOTED.
3. THE ARCHITECT SHALL BE CONSULTED AND WILL REVIEW THE WORK ON SITE WITH THE CONTRACTOR BEFORE ANY WORK SHALL COMMENCE.
4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE ARCHITECT PRIOR TO STARTING WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING CONDITIONS TO REMAIN THAT ARE DUE TO CONTRACTOR OPERATIONS AND WHICH ARE INSIDE OR OUTSIDE THE LIMIT OF DEMOLITION.
6. ALL ITEMS TO BE REMOVED THAT ARE NOT STOCKPILED FOR LATER REUSE ON THE PROJECT OR DELIVERED TO THE OWNER SHALL BE LEGALLY DISPOSED OF OFF SITE BY THE CONTRACTOR.
7. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE DIAGRAMMATIC ONLY. THE CONTRACTOR SHALL CONTACT DIGSAFE AND THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANIES TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS EFFORTS OF THE DEMOLITION WITH ALL TRADES.
9. THE CONTRACTOR SHALL MAINTAIN OR ADJUST TO NEW FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED OR DIRECTED BY THE OWNER'S REPRESENTATIVE.
10. THE CONTRACTOR SHALL COORDINATE ALL ADJUSTMENT OR ABANDONMENT OF UTILITIES WITH THE RESPECTIVE UTILITY COMPANY.
11. THE CONTRACTOR SHALL PROVIDE 6' CHAIN LINK CONSTRUCTION FENCE ALONG THE LIMIT-OF-WORK BOUNDARY AS NECESSARY TO SECURE THE SITE THROUGHOUT CONSTRUCTION. EXISTING CHAIN-LINK FENCE MAY BE USED FOR THIS PURPOSE. THE GC SHALL PROVIDE ADDITIONAL FENCE AND GATES AS NECESSARY TO SECURE THE SITE AT NO ADDITIONAL COST TO THE OWNER..

## Project:

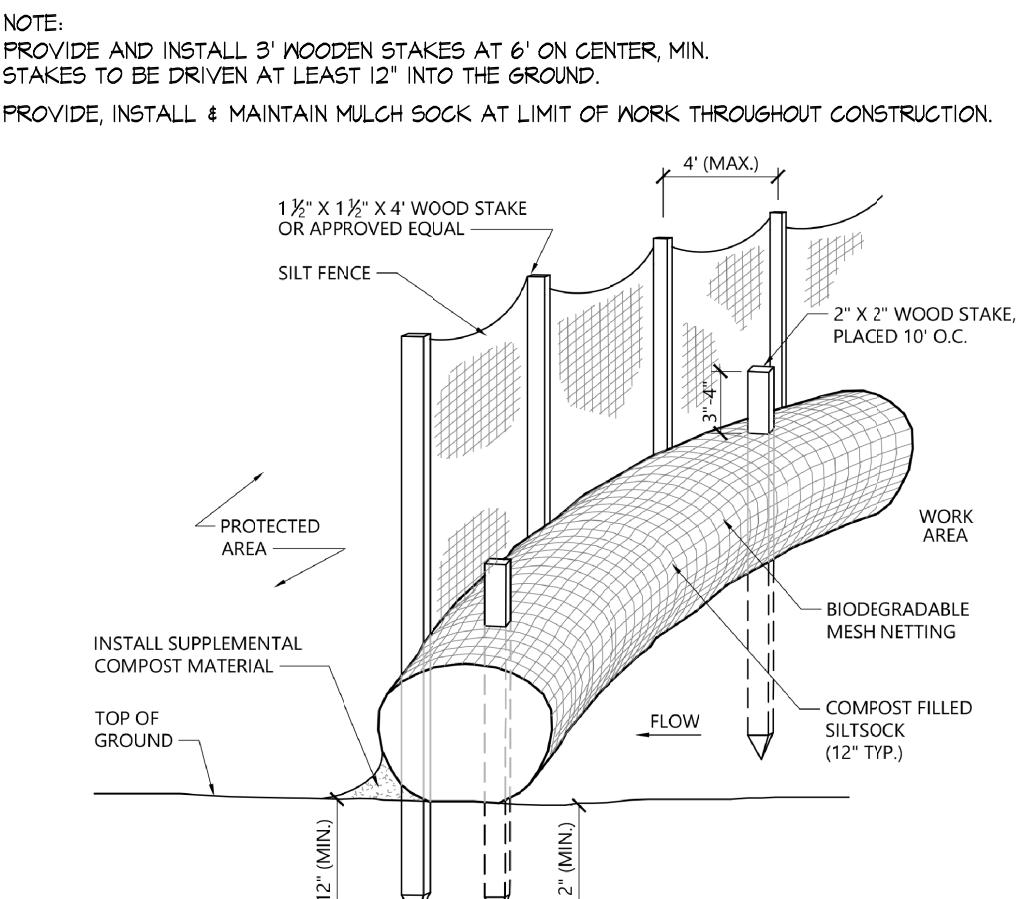
# Milton High School

## Lower Field

## Milton, Massachusetts

# Drawing Title:

# **Multi-Purpose Field Site Preparation**

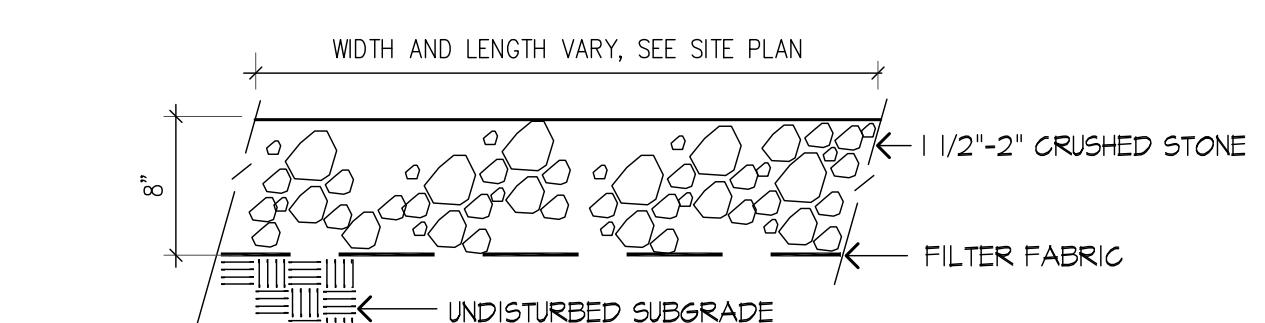


**NOTES**

1. SILT SOCK SHALL BE FILTREXX SILT SOXX, OR APPROVED EQUAL.
2. SILT SOCKS SHALL OVERLAP A MINIMUM OF 12 INCHES.
3. SILT SOCK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS, AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
4. COMPOST MATERIAL SHALL BE DISPERSED ON SITE, AS DETERMINED BY THE ENGINEER.
5. IF NON BIODEGRADABLE NETTING IS USED THE NETTING SHALL BE COLLECTED AND DISPOSED OF OFF SITE.

# 1 MULCH SOCK WITH SILTATION BARRIER

SCALE: N.T.S.



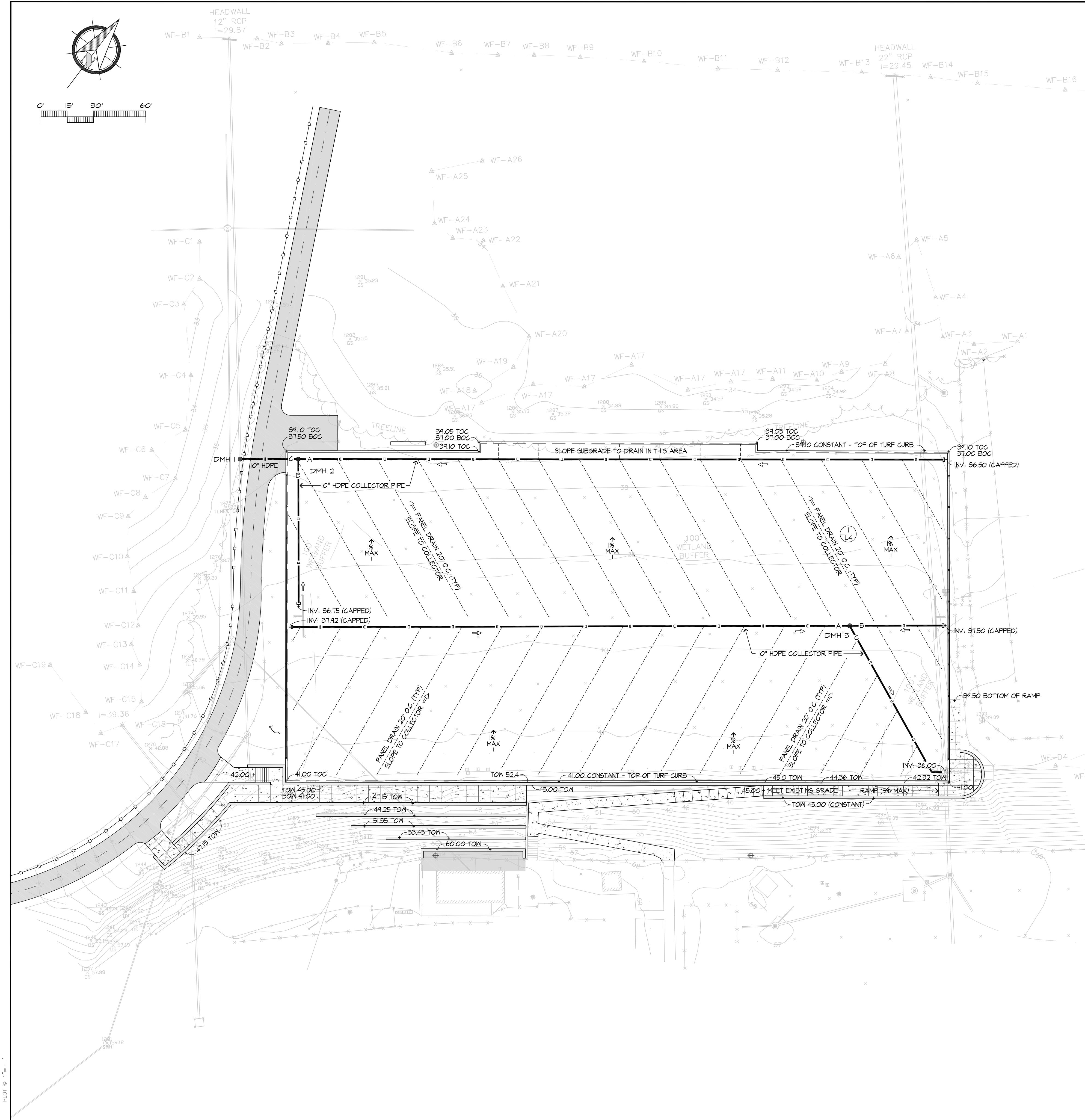
# CONSTRUCTION ENTRANCE

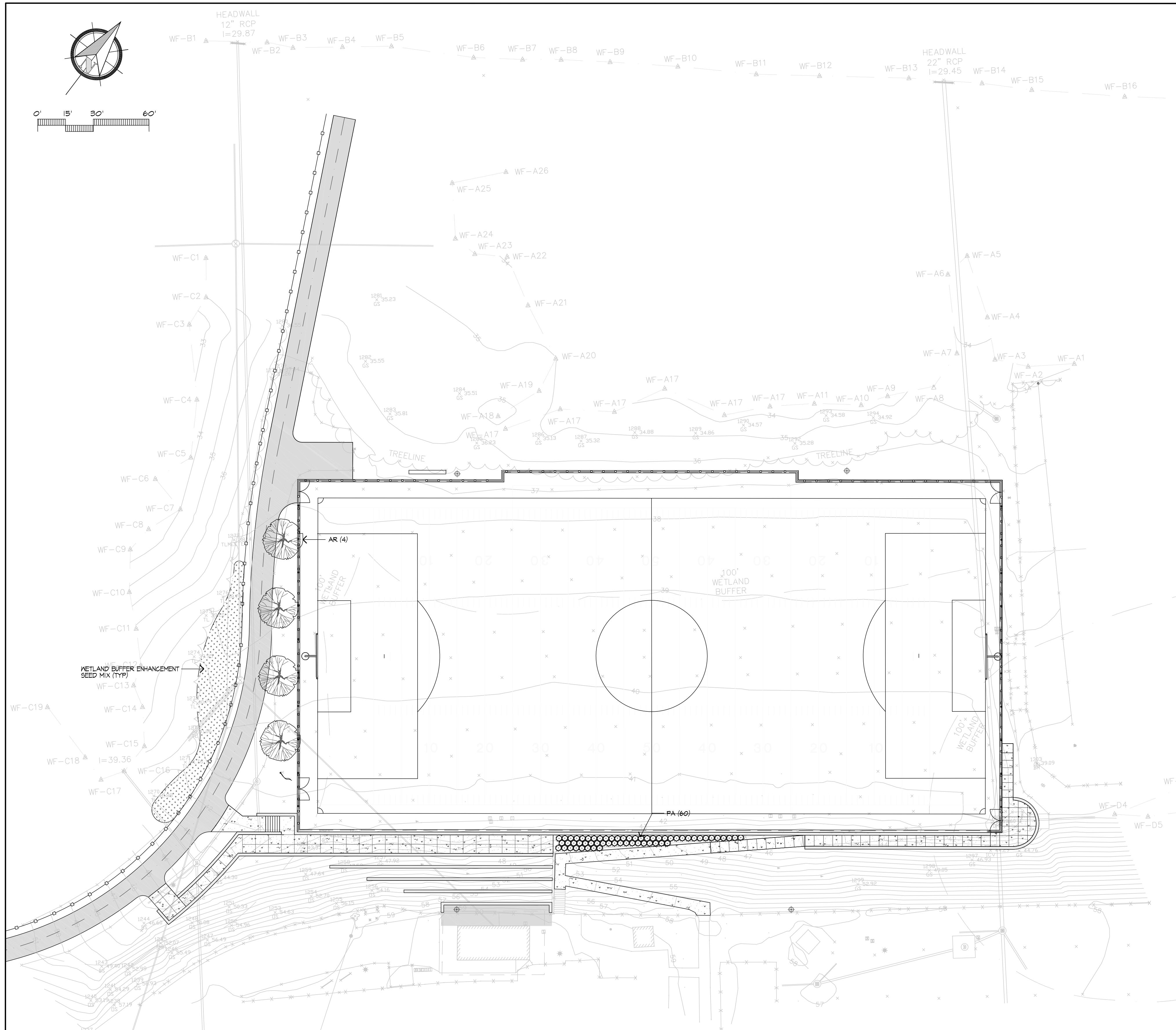
SCALE: 1"=1'-0"

Revision	Date
Scale: 1" = 30'	Drawing No. Sp-1
Date: 2.9.23	
Job: 00-107	
File: PR-det	
Drawn: CCH	of
Checked: --	
	1

Drawing No. **Sp-1**







#### BUFFER ENHANCEMENT SEED

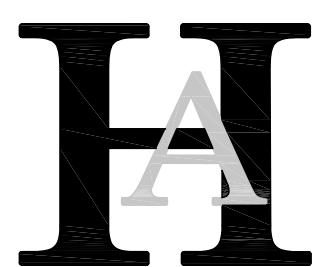
2,021 SF	NEW ENGLAND ROADSIDE MATRIX UPLAND SEED MIX MIX INCLUDES: VIRGINIA WILD RYE; LITTLE BLUESTEM; RED FESCUE; BIG BLUESTEM; INDIAN GRASS; SWITCH GRASS; PARTRIDGE PEA; BUTTERFLY MILKWEED; PANICLEDLEAF TICK TREFOIL; EVENING PRIMROSE; BLACK-EYED SUSAN; HOLLOW-STEM JOE PYE WEED; GREY DOGWOOD; SILKY DOGWOOD; STAGHORN SUMAC (2022 MIX)	NE WETLAND PLANTS, INC., MA; 413.548.8000 APPLICATION RATE 35 LBS/ ACRE
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#### PLANT LIST

SYMBOL	BOTANICAL NAME	COMMON NAME	NATIVE	QTY	SIZE
<b>SHADE TREES</b>					
AR	ACER RUBRUM 'RED SUNSET'	RED MAPLE	NATIVE	4	2 1/2"-3" CAL.
<b>GRASSES</b>					
PA	PENNISETUM ALOPEUROIDES 'RED HEAD'	REDHEAD FOUNTAIN GRASS	NON-NATIVE	60	#2 POT

#### PLANTING NOTES

- PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
- CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
- CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES, AND PLANTING BEDS.
- MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
- ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
- ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
- MULCH FOR PLANTED AREAS TO BE AGED PINE BARK; PARTIALLY DECOMPOSED, DARK BROWN IN COLOR AND FREE OF WOOD CHIPS THICKER THAN 1/4 INCH.
- PLANTING SOIL MIX: LOAM THOROUGHLY INCORPORATED WITH ROTTED MANURE PROPORTIONED 5 C.Y. TO 1 C.Y. OR EQUIVALENT, PEAT MOSS WITH FERTILIZER ADDED PER MANUFACTURER'S RECOMMENDED RATES.
- THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
- ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
- LANDSCAPE ARCHITECT TO FLAG ALL TREES TO BE TRANSPLANTED PRIOR TO CONSTRUCTION START.
- ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEDED WITH A MINIMUM DEPTH OF 6" DEPTH TOPSOIL.



Huntress Associates, Inc.

Landscape Architecture & Land Planning

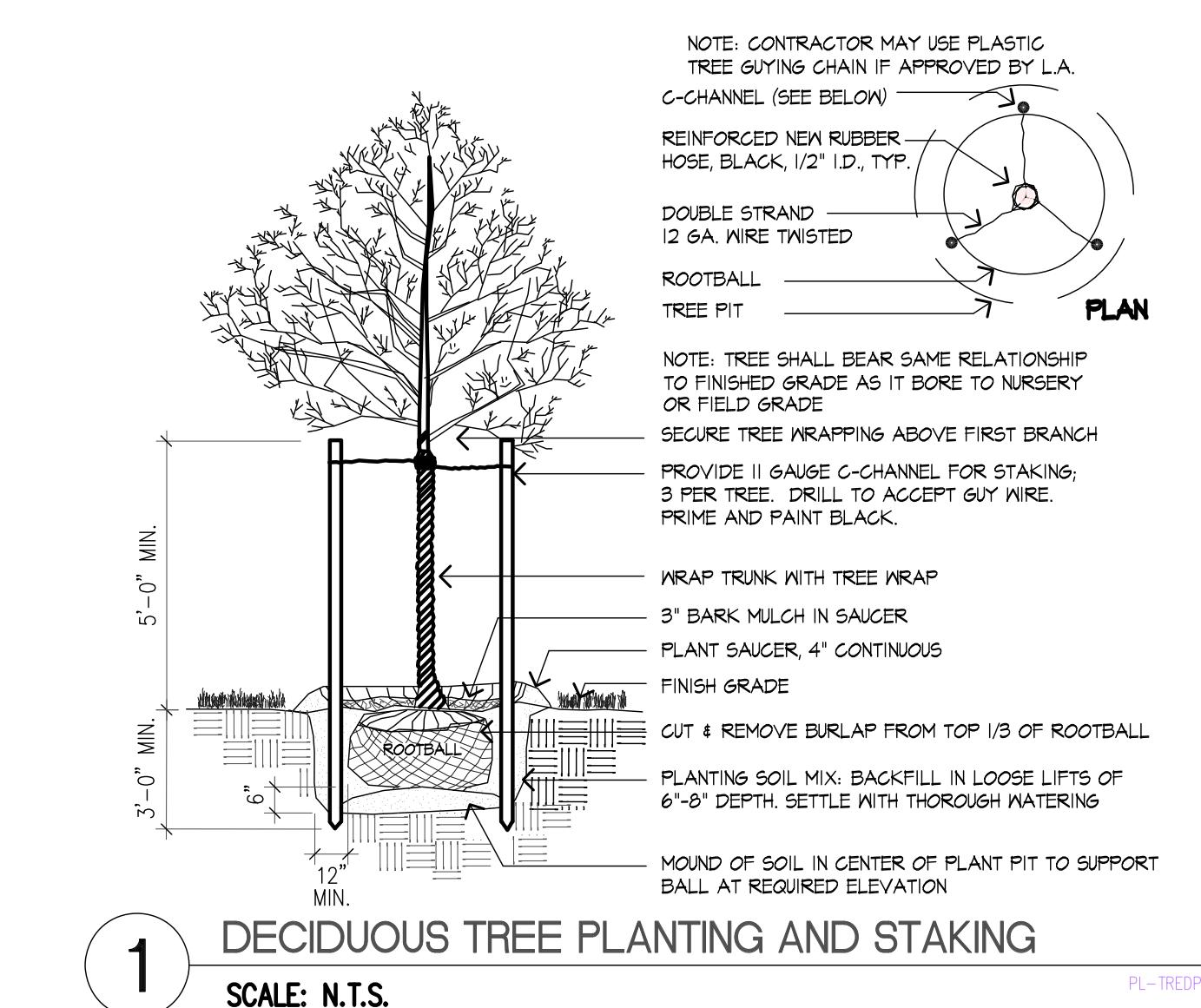
17 Tewksbury Street  
Andover, Massachusetts 01810  
978 470 8882 FAX 978 470 8890

Project:

## Milton High School Lower Field

Milton, Massachusetts

Drawing Title:  
**Multi-Purpose Field  
Planting Plan**

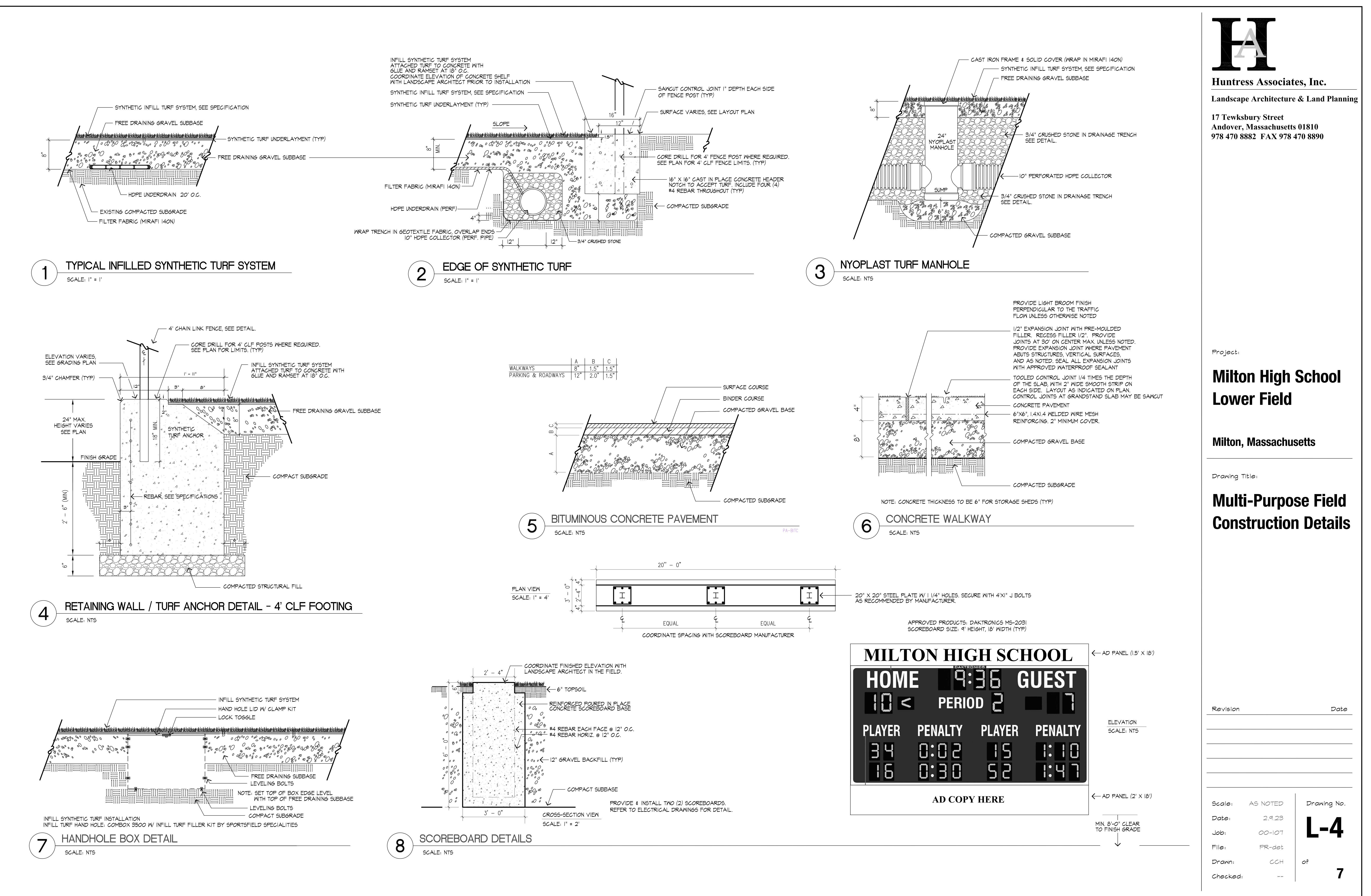


**1** DECIDUOUS TREE PLANTING AND STAKING  
SCALE: N.T.S. PI-TREPP

Revision \_\_\_\_\_ Date \_\_\_\_\_

Scale: 1" = 30'  
Date: 2.9.23  
Job: 00-107  
File: PR-det  
Drawn: CCH  
Checked: --

Drawing No. **L-3**  
of 7

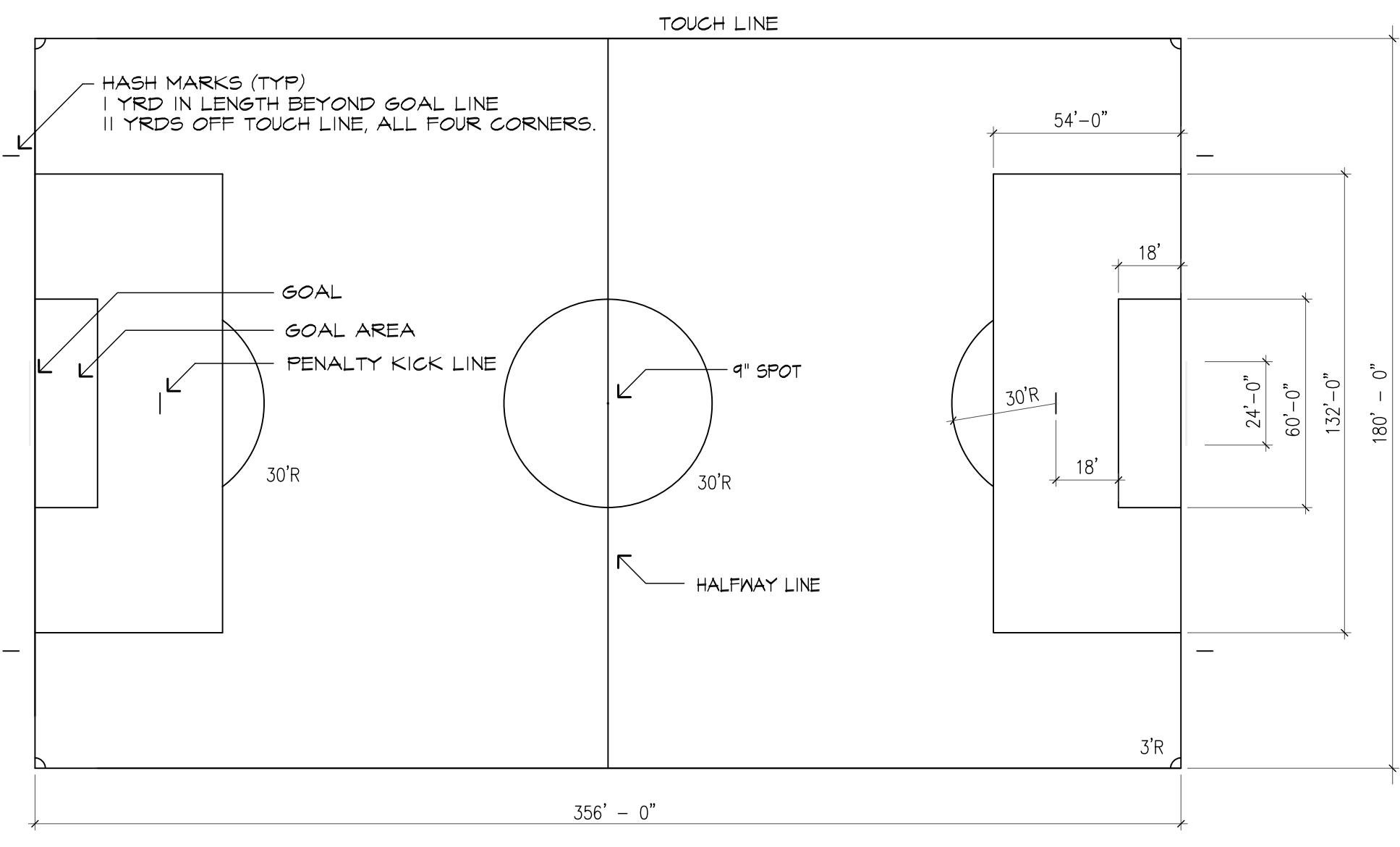


# H

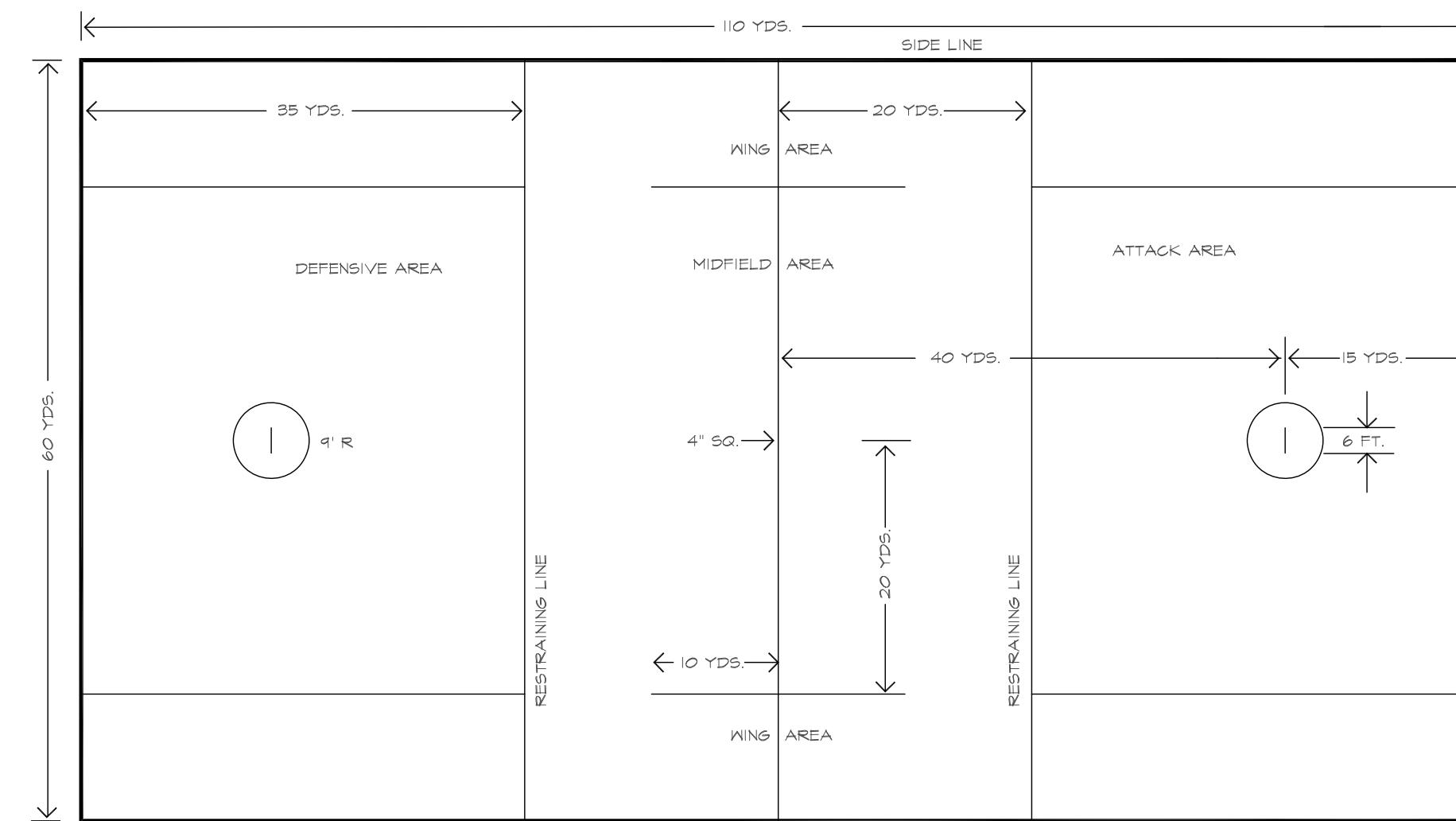
Huntress Associates, Inc.

Landscape Architecture & Land Planning

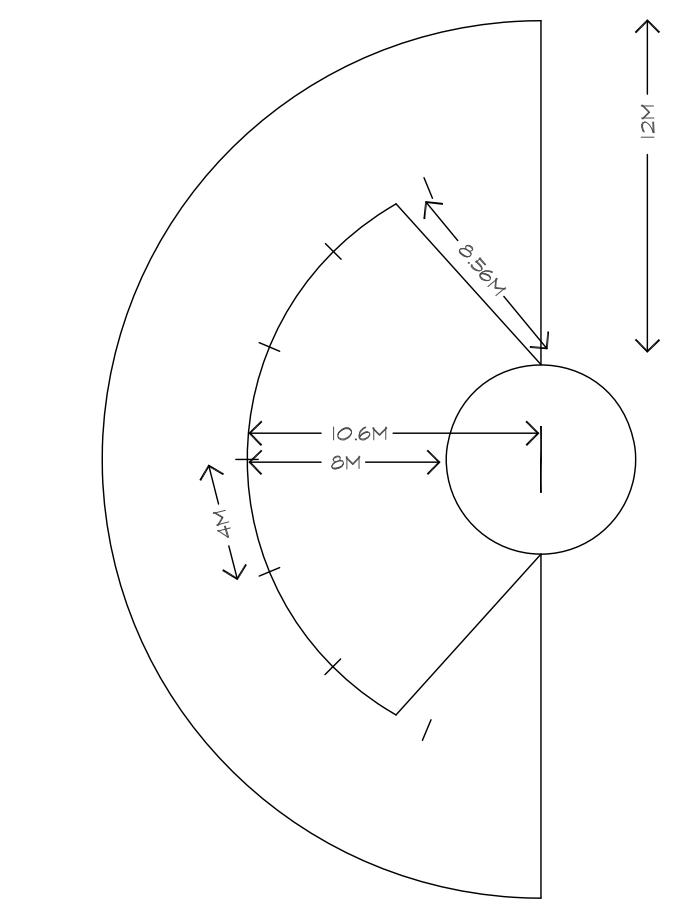
17 Tewksbury Street  
Andover, Massachusetts 01810  
978 470 8882 FAX 978 470 8890



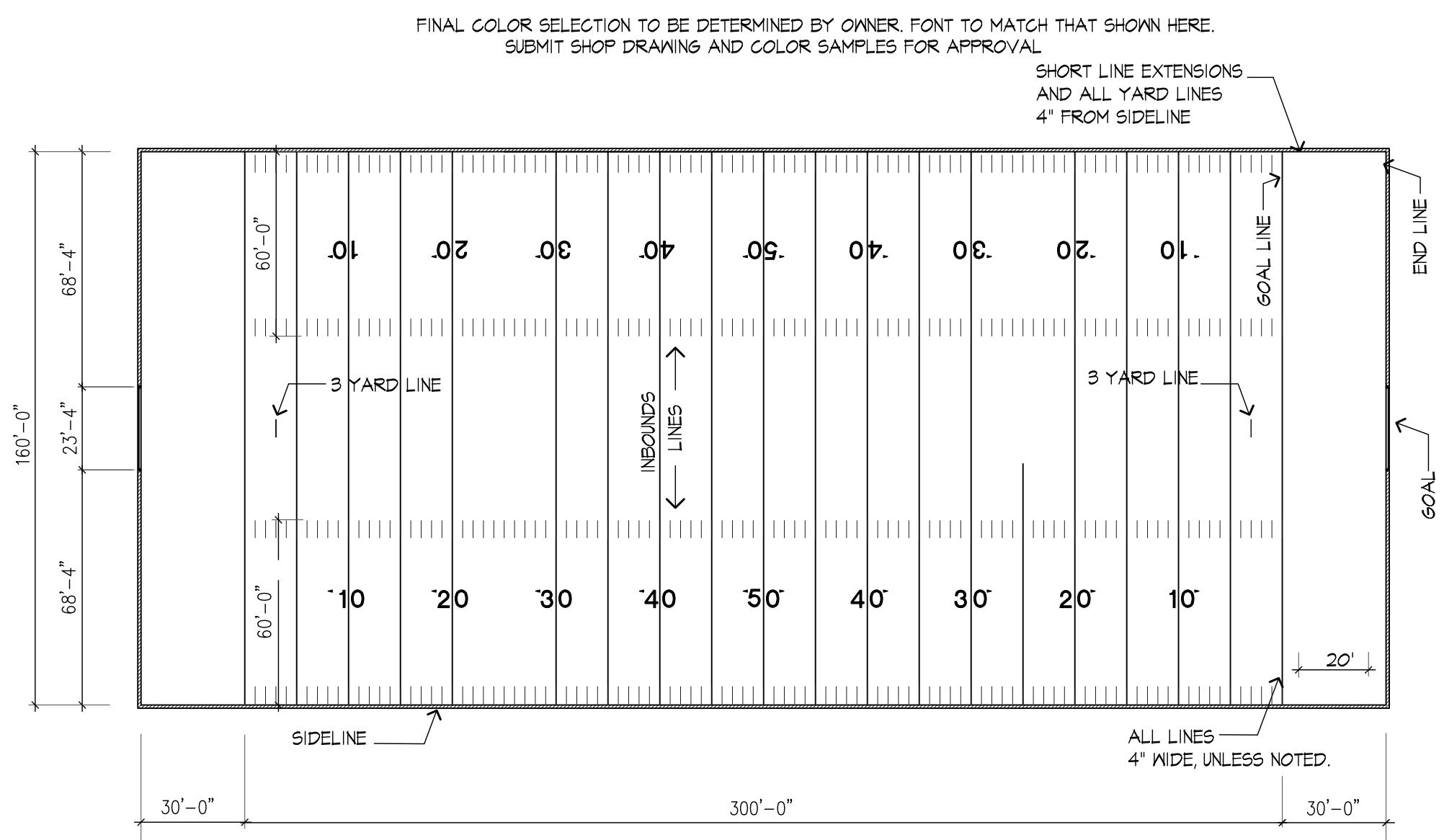
1 SOCCER FIELD LAYOUT



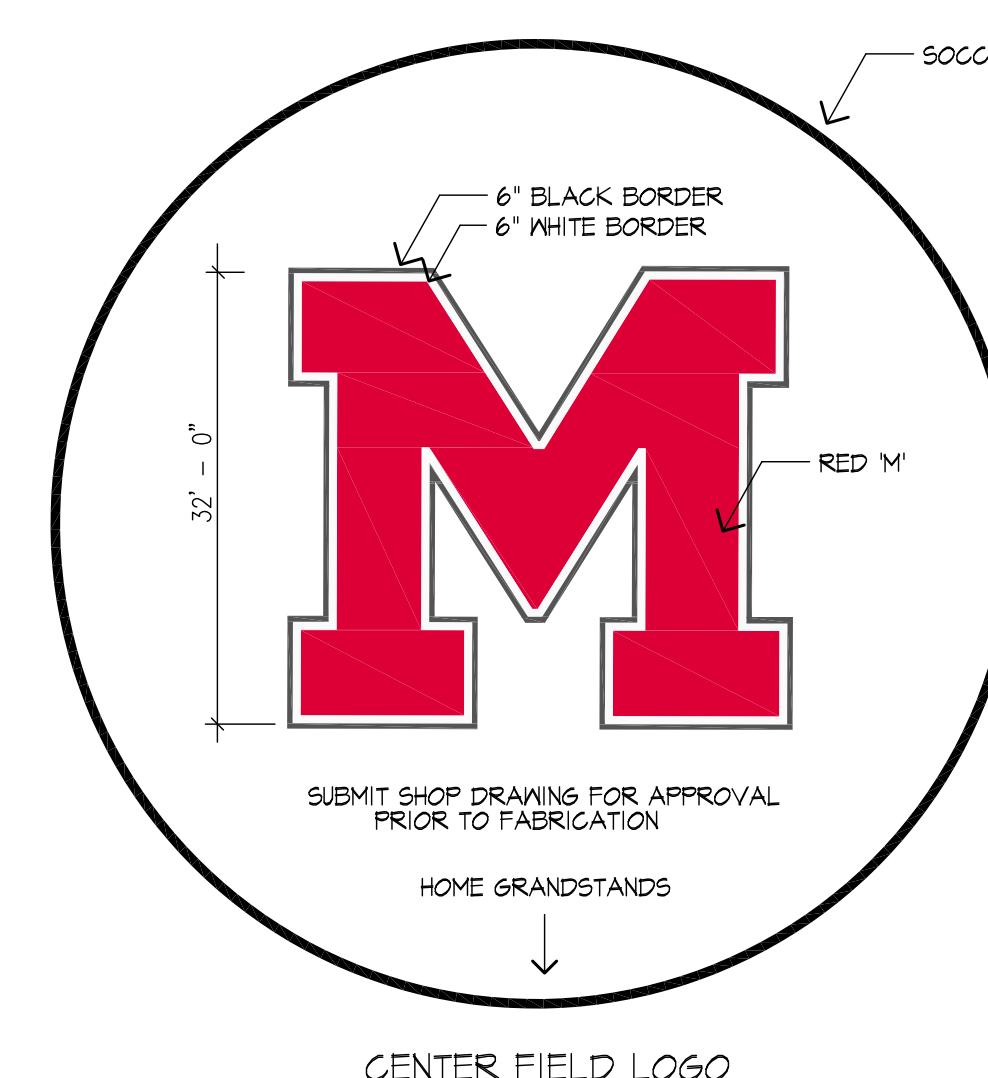
2 MEN'S LACROSSE FIELD LAYOUT



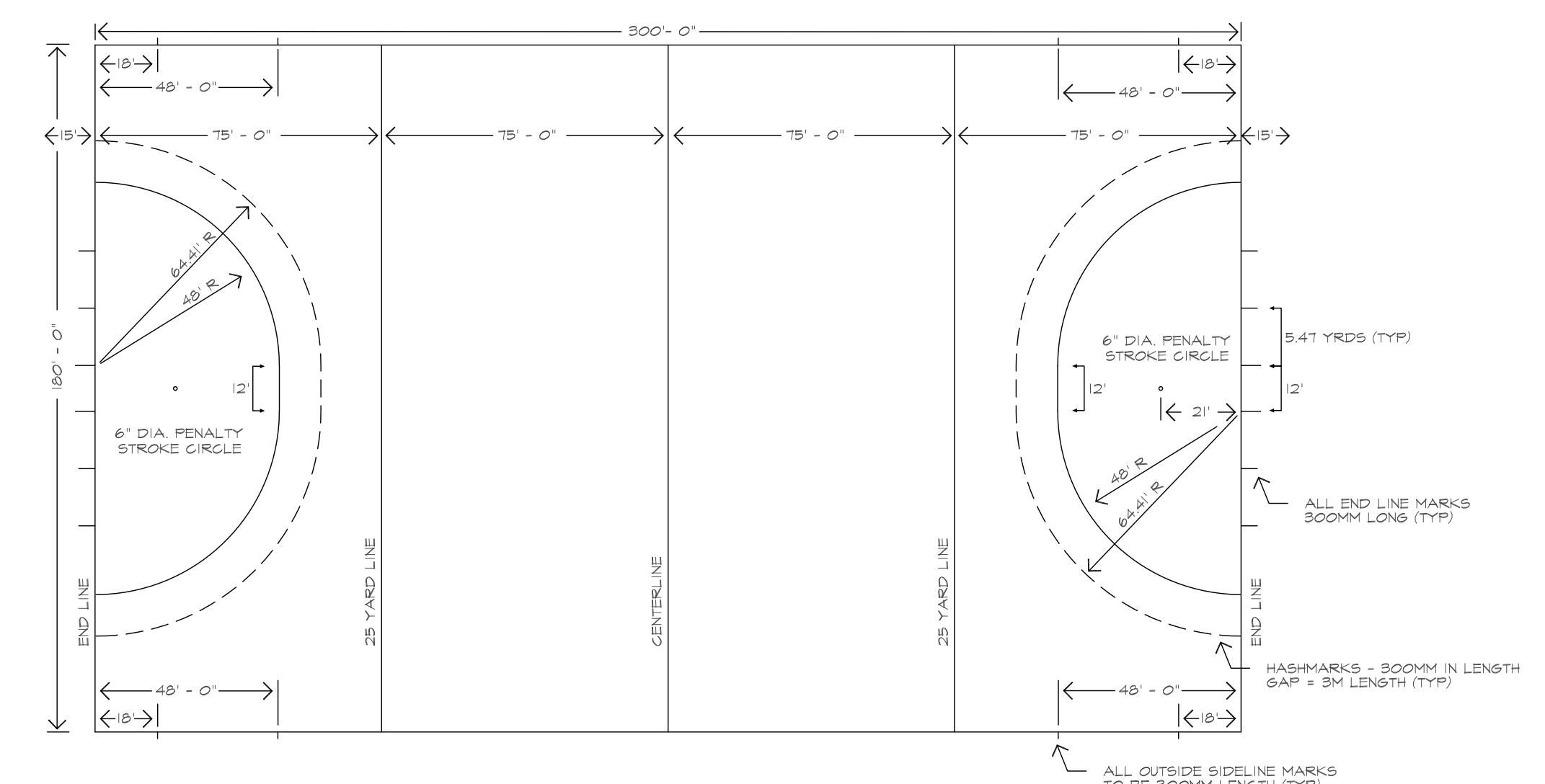
WOMEN'S LAX ARC/FAN ENLARGEMENT  
ALL LACROSSE LINES TO BE 4" COLOR TO BE SELECTED BY OWNER.  
PROVIDE INLAID WOMEN'S LACROSSE ARC AND GOAL CREESE AS SHOWN.  
COORDINATE LOCATION PRIOR TO INSTALLATION COLOR TO BE SELECTED BY OWNER.  
SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.



3 FOOTBALL FIELD LAYOUT

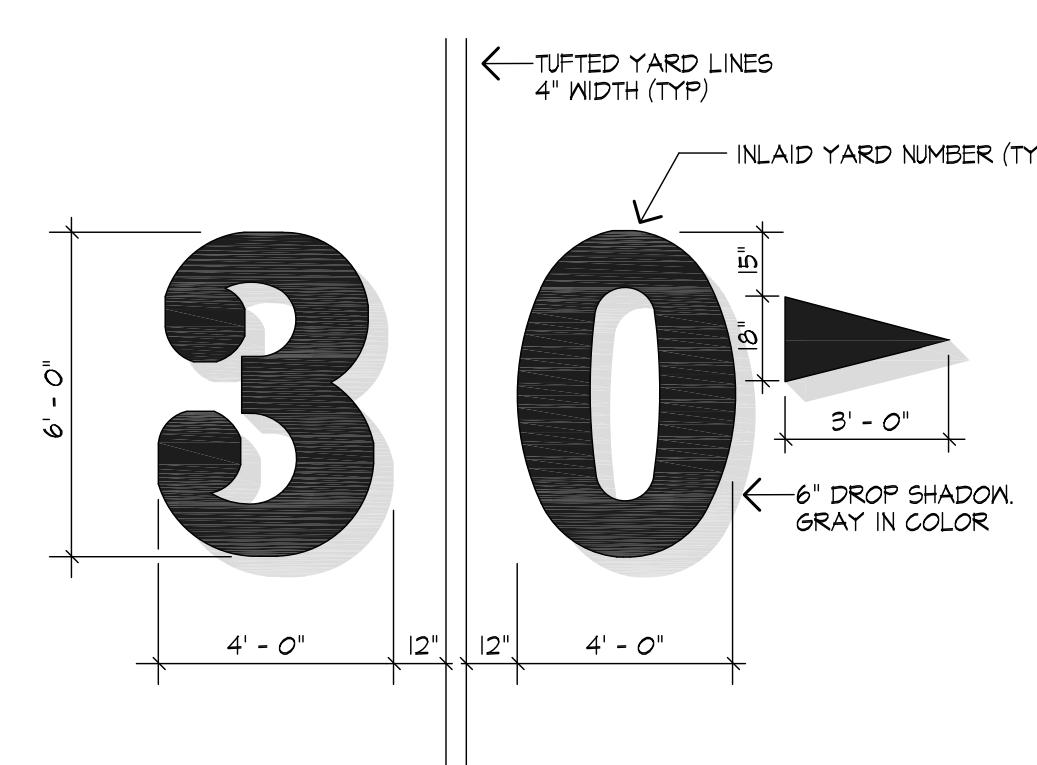


CENTER FIELD LOGO

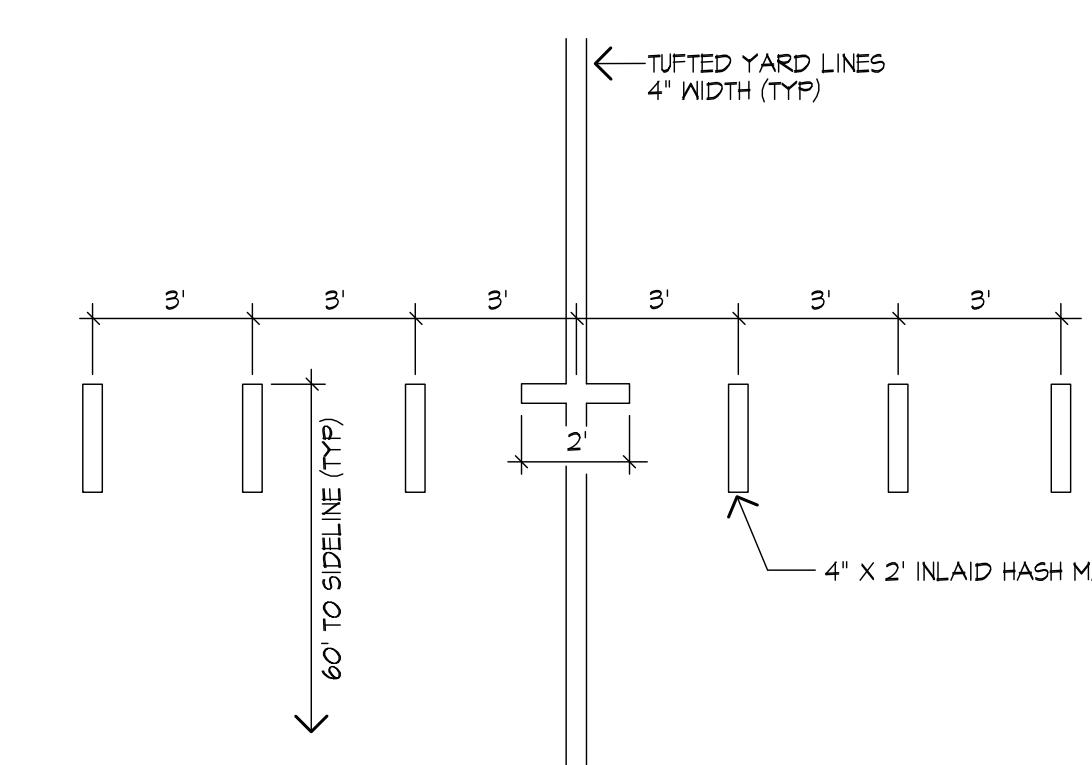


FIELD TO CONFORM TO NFHS GIRL'S FIELD HOCKEY RULES LATEST EDITION.  
ALL MARKINGS AND LINES TO BE INLAID, COLOR TO BE SELECTED BY OWNER.  
SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.

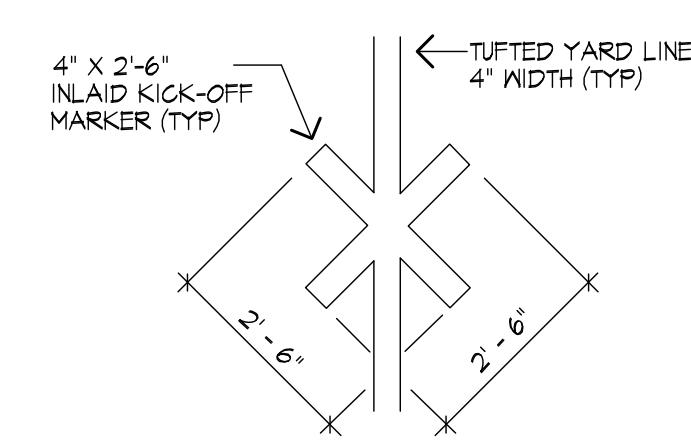
SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO FABRICATION.



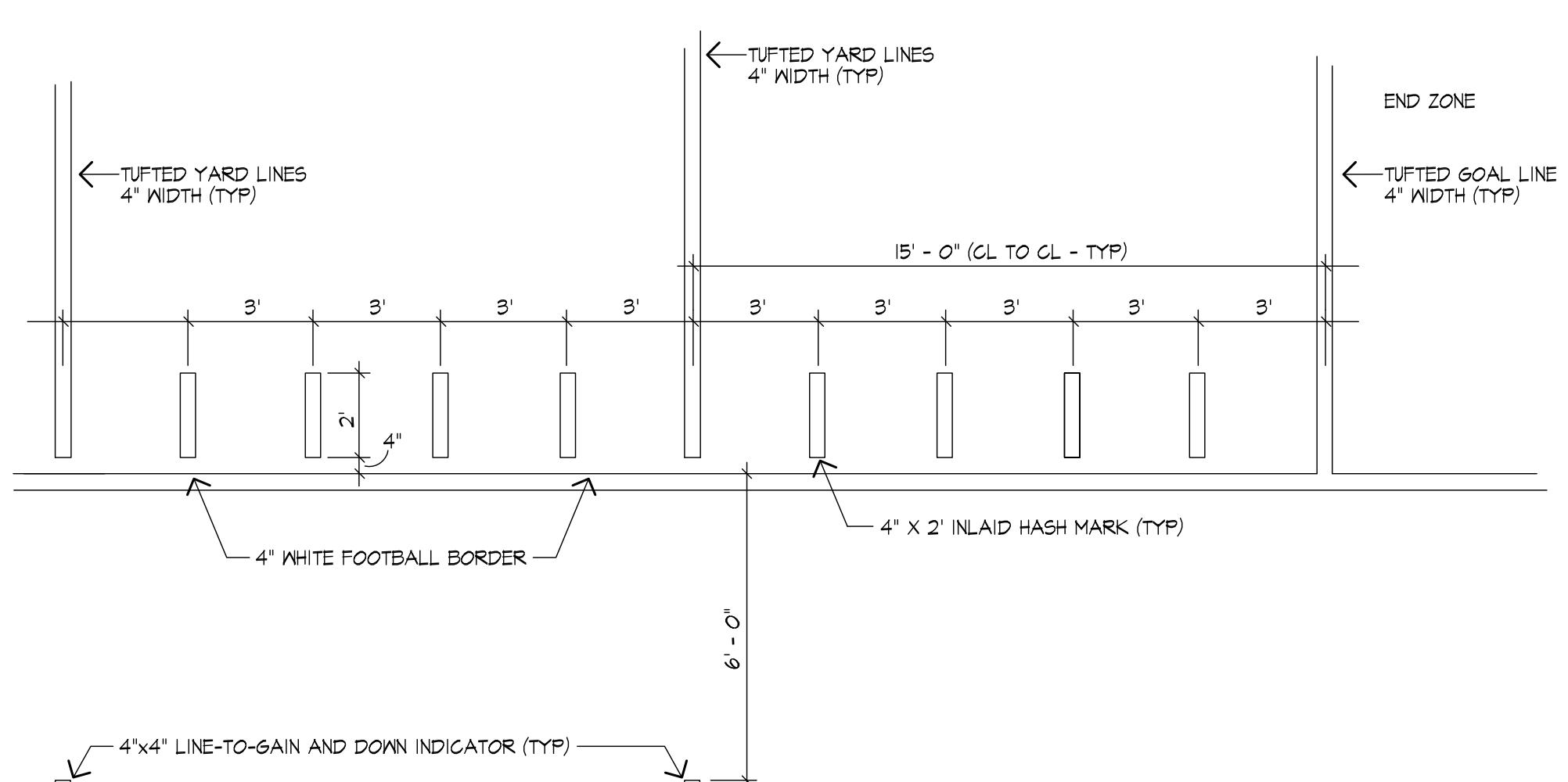
TYPICAL NUMBER DETAIL



INBOUND LINE DETAIL



KICK-OFF DETAIL



YARD LINE DETAIL

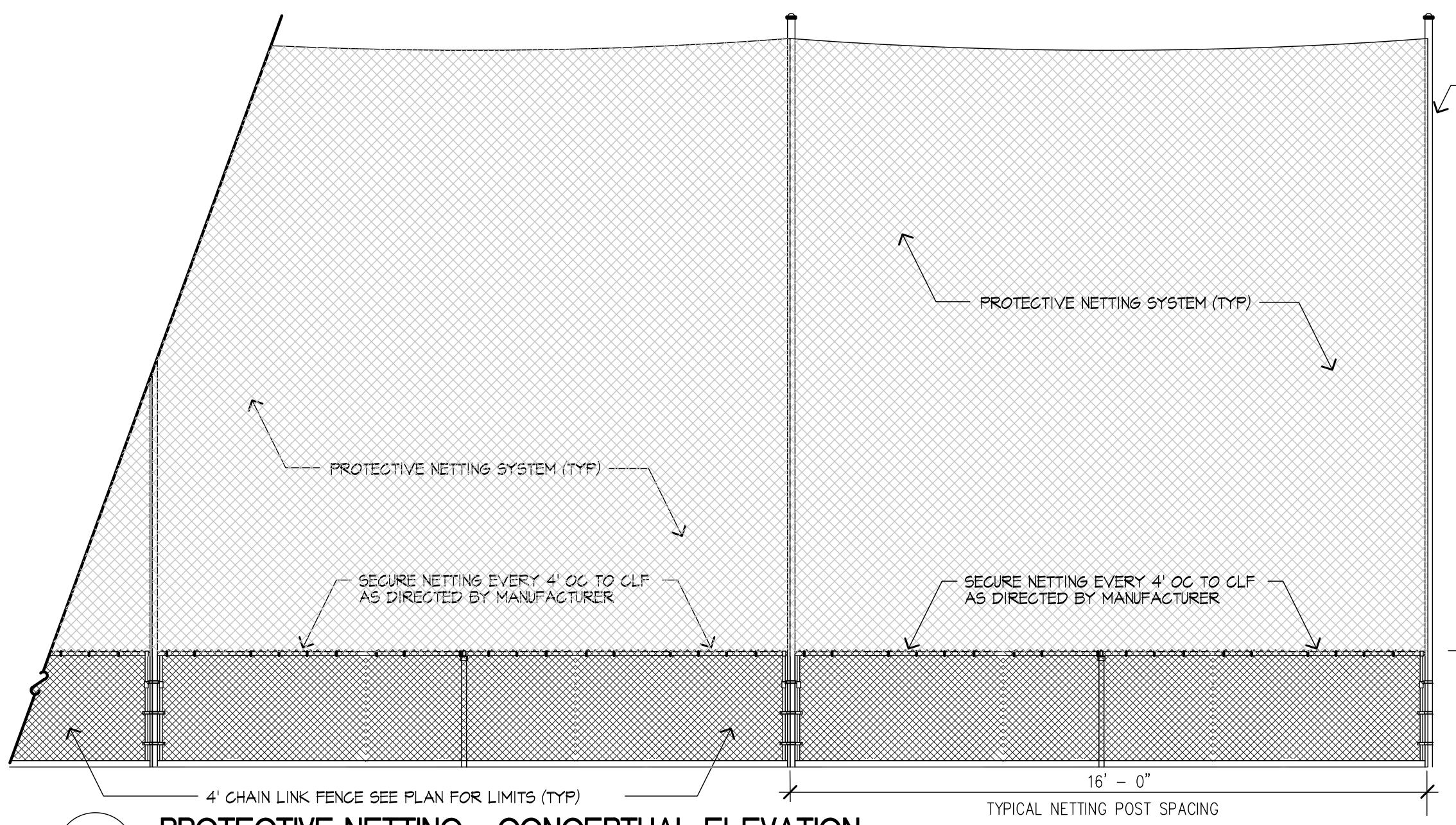
5 FOOTBALL FIELD - INLAID MARKING DETAIL

SCALE: N.T.S.

Revision	Date

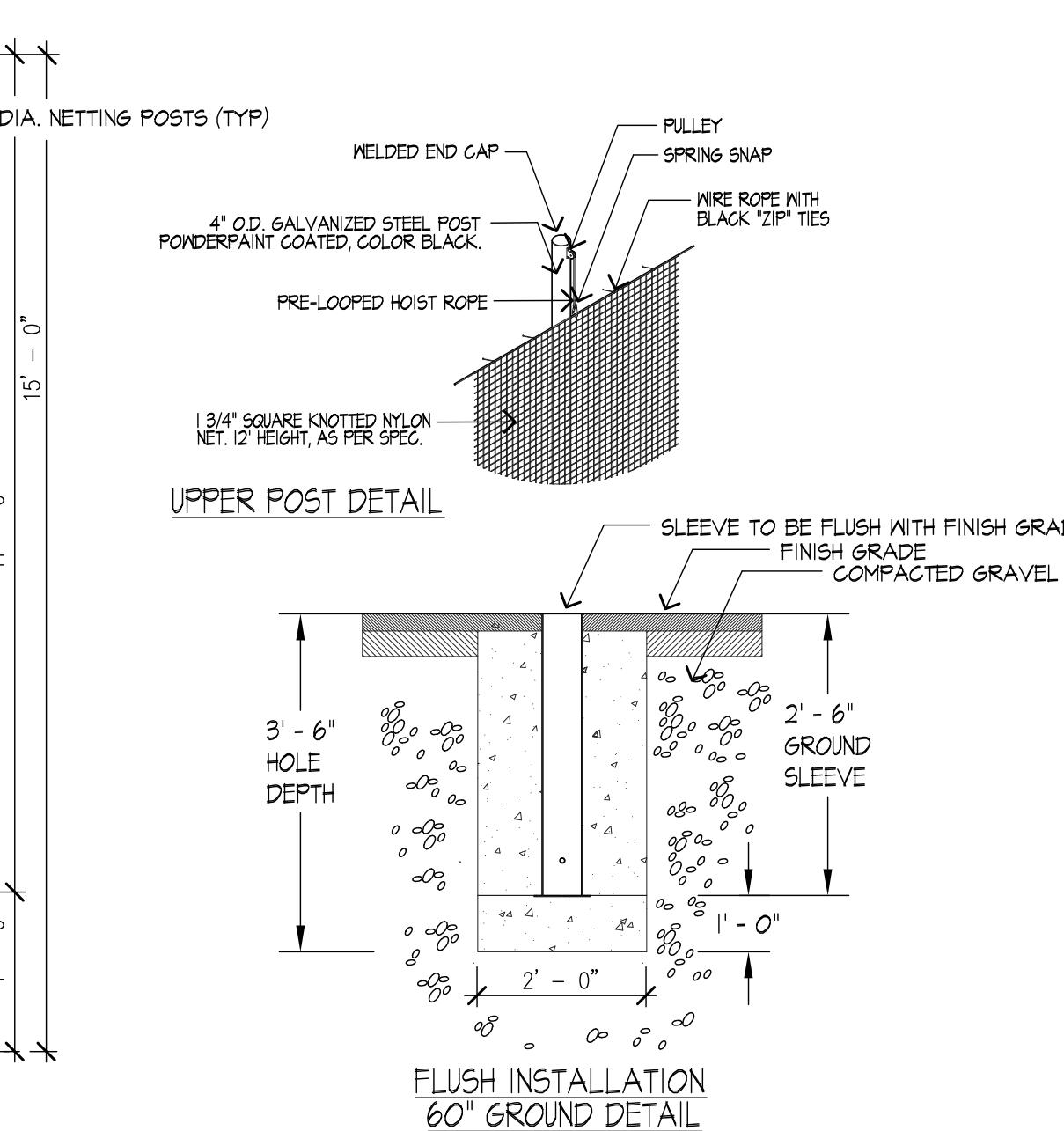
Scale: AS NOTED  
Date: 2.9.23  
Job: 00-107  
File: PR-det  
Drawn: CCH  
Checked: --

Drawing No. L-5

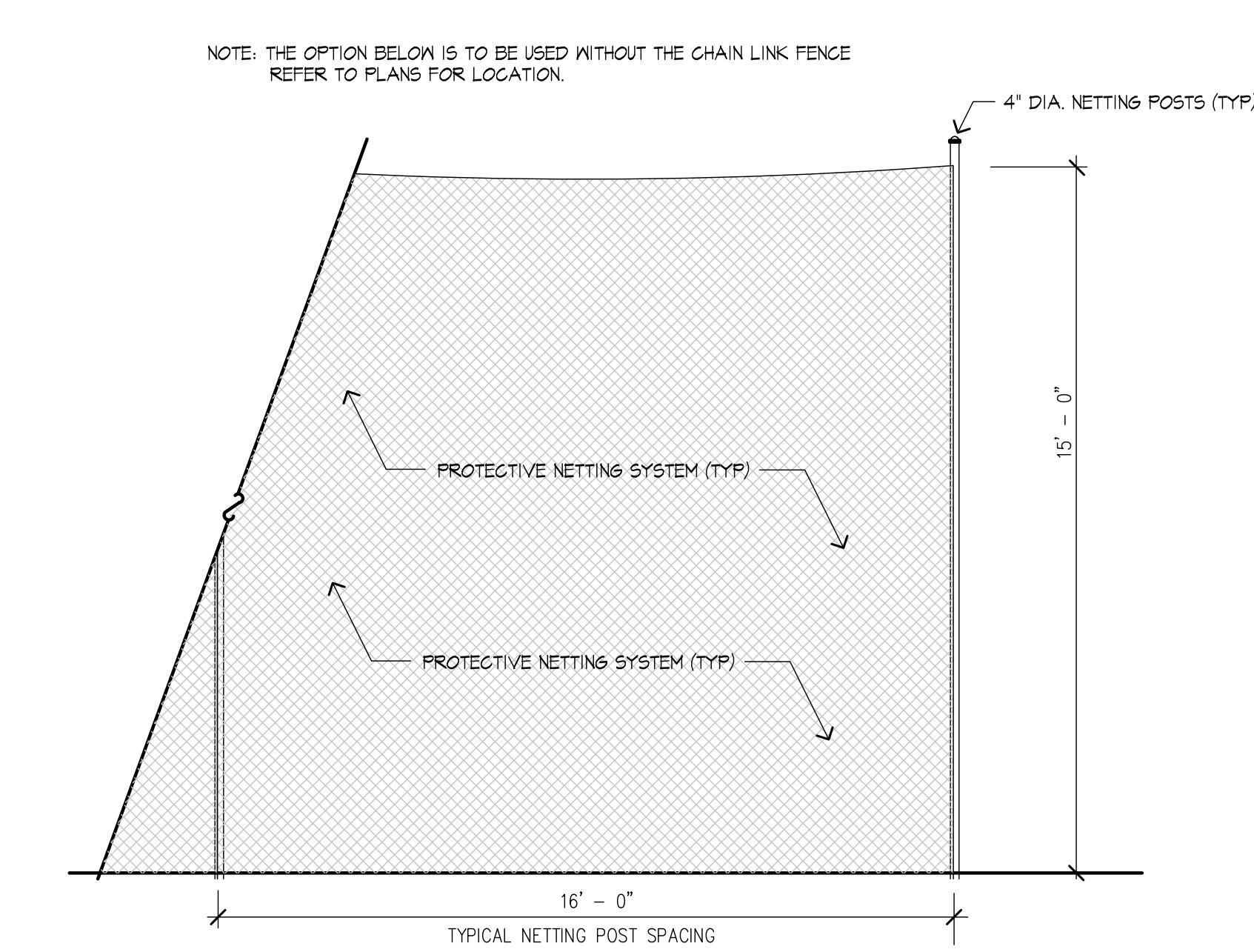


1 PROTECTIVE NETTING - CONCEPTUAL ELEVATION

SCALE: N.T.S.

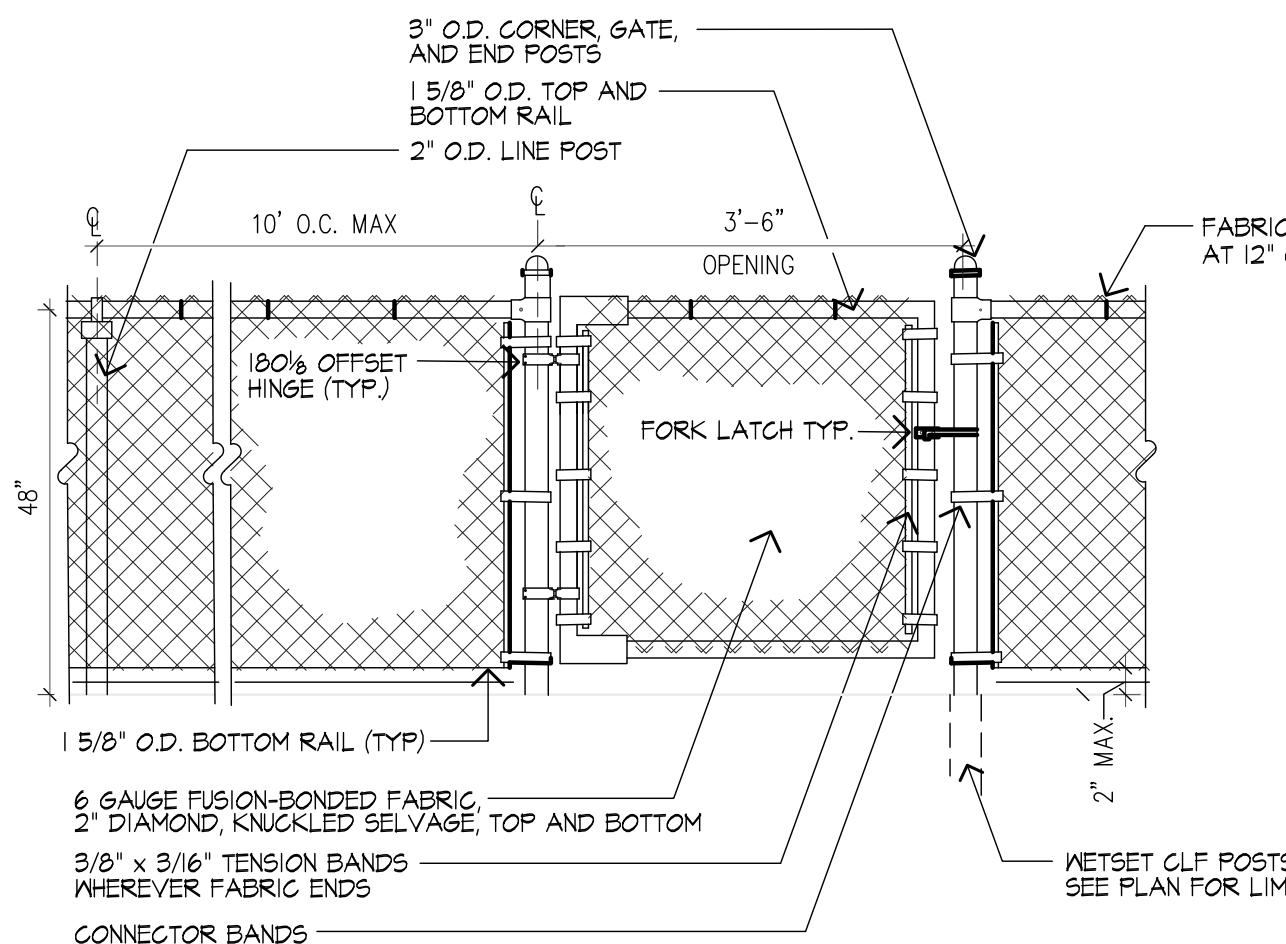


FLUSH INSTALLATION  
60° GROUND DETAIL



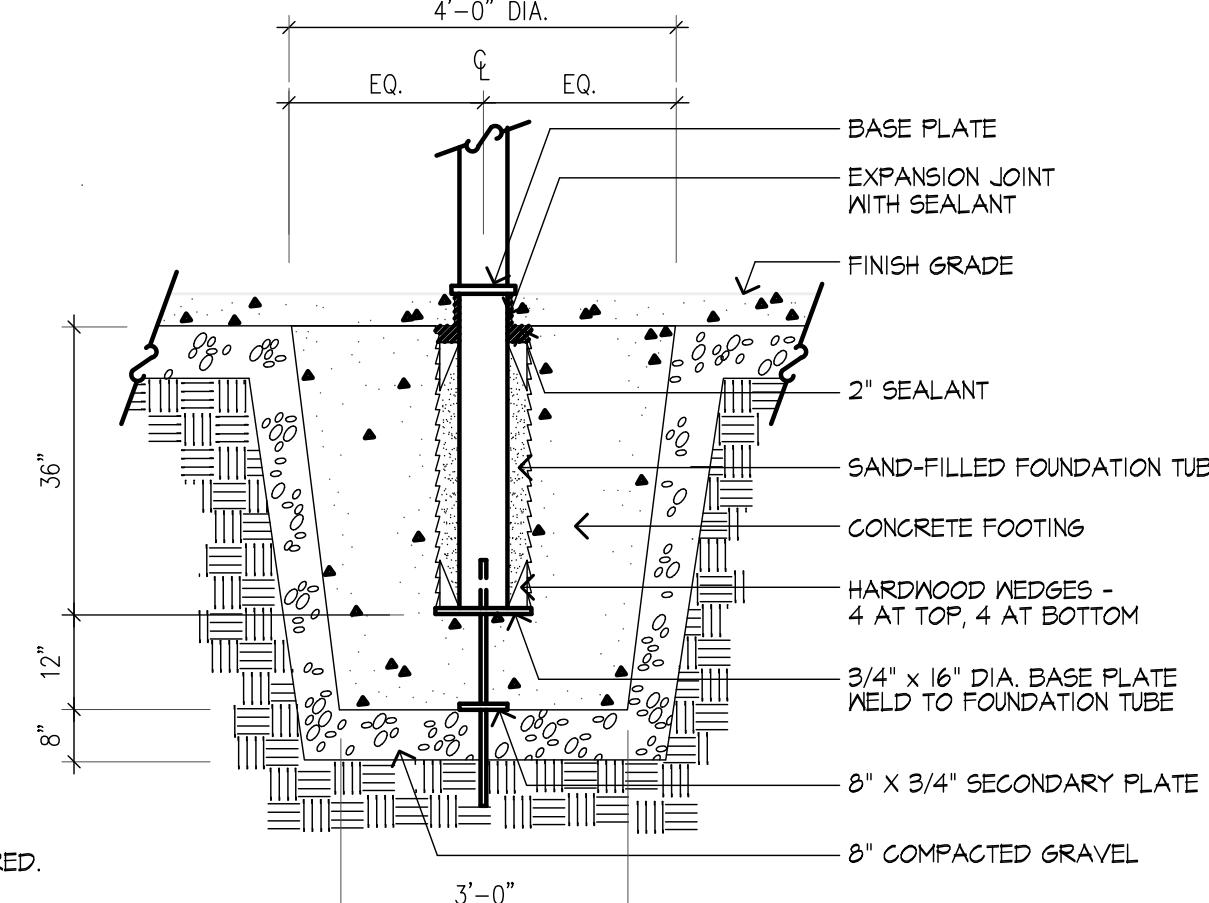
TYPICAL NETTING POST SPACING

SCALE: N.T.S.



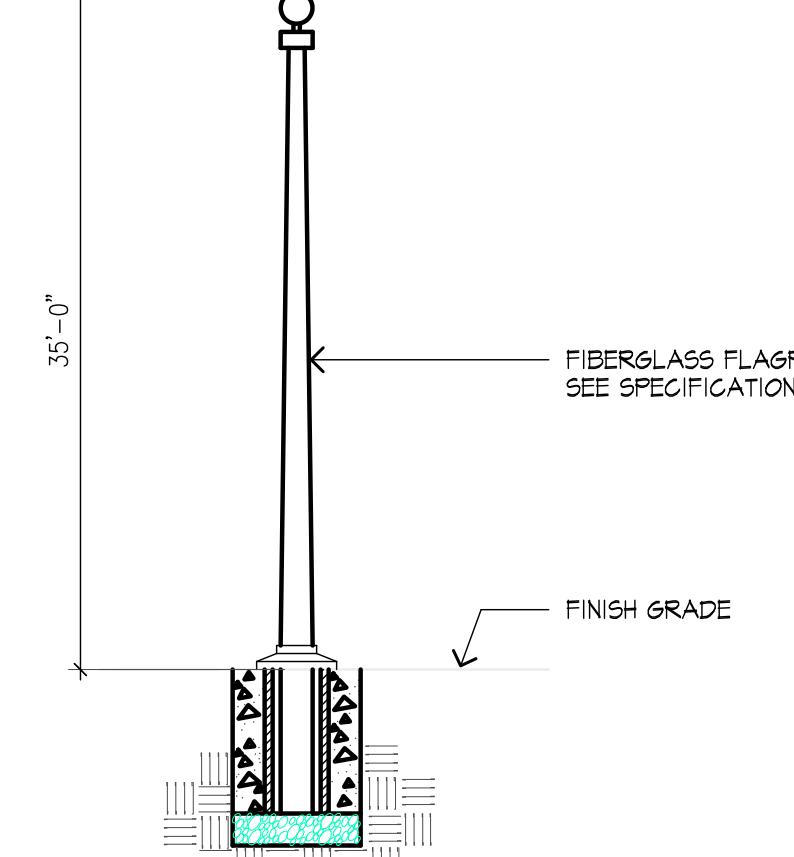
2 4' FUSION BOND CHAIN LINK FENCE AND GATE

SCALE: N.T.S.



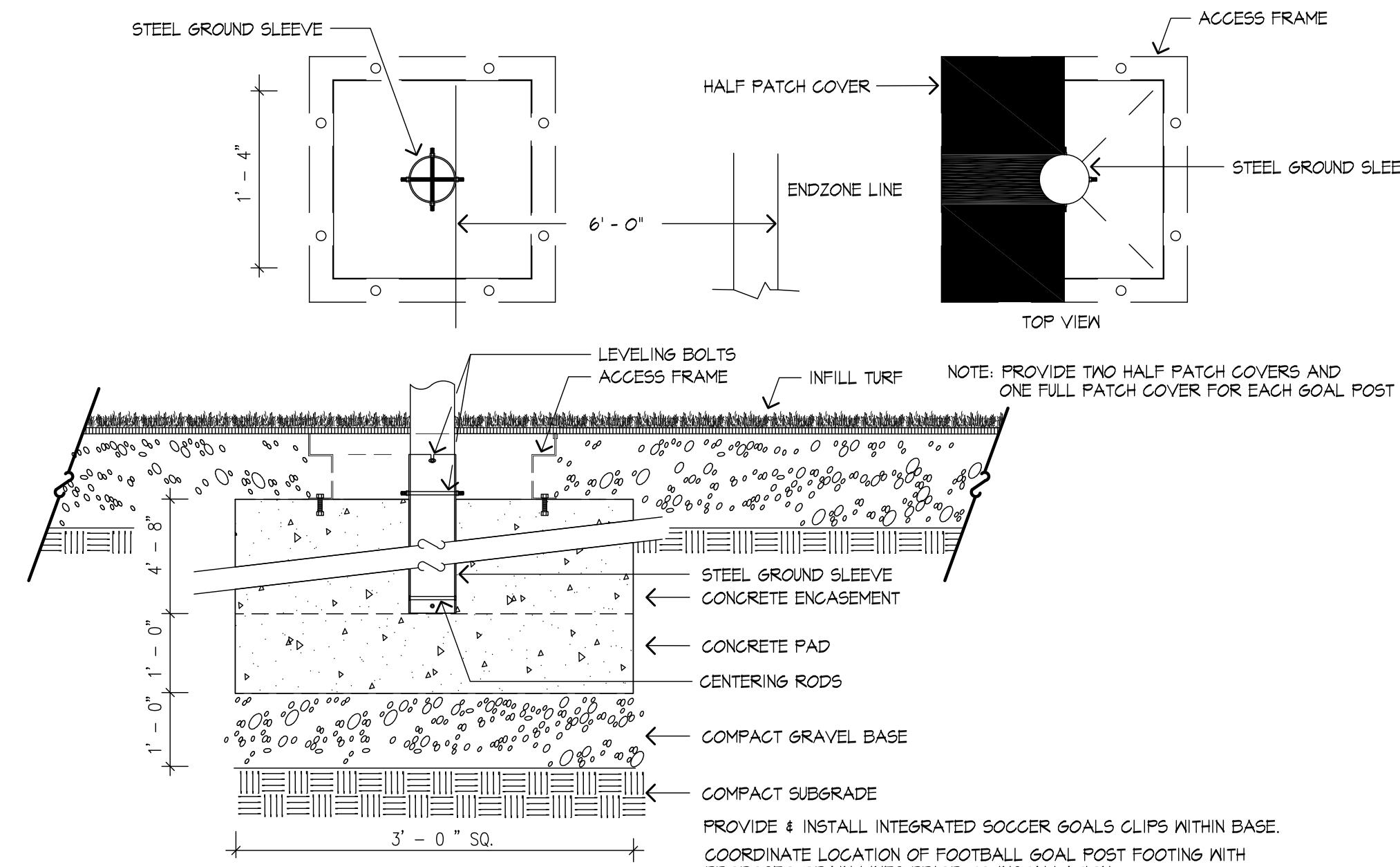
3 FLAGPOLE FOOTING

SCALE: 1/2" = 1'-0"



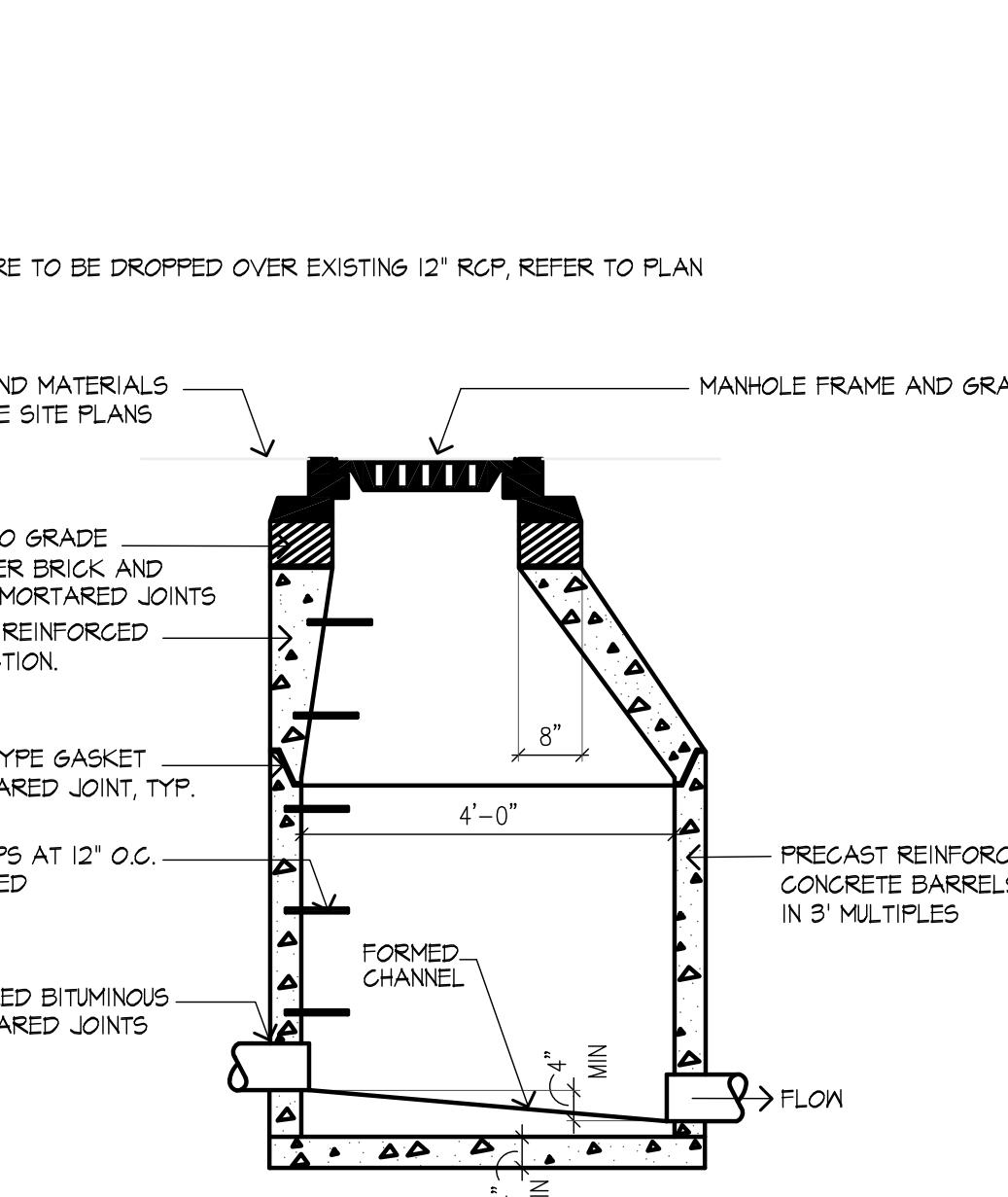
4 FLAGPOLE

SCALE: N.T.S.



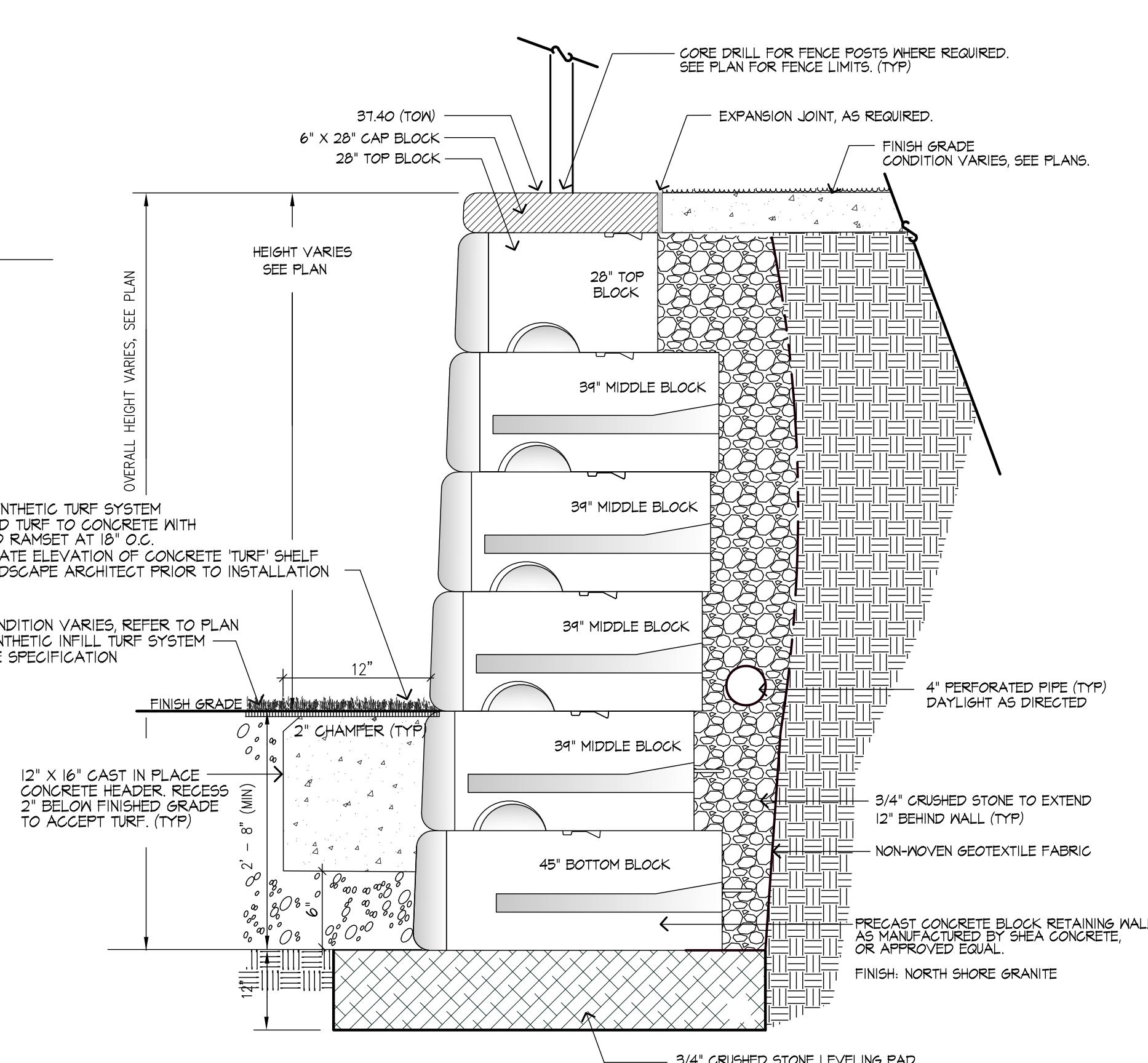
5 REMOVABLE FOOTBALL GOAL POST AND FOOTING DETAIL

SCALE: N.T.S.



6 MANHOLE

SCALE: 1/2" = 1'



7 CONCRETE BLOCK WALL DETAIL (TYP)

SCALE: 1"=1'-0"

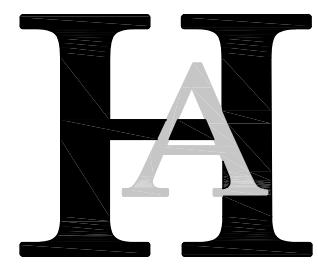
Project:  
**Milton High School  
Lower Field**

Milton, Massachusetts

Drawing Title:  
**Multi-Purpose Field  
Construction Details**

Revision \_\_\_\_\_ Date \_\_\_\_\_

Scale: AS NOTED Date: 2.9.23  
Job: 00-107 File: PR-det  
Drawn: CCH Checked: --  
Drawing No. L-6  
of 7



## Huntress Associates, Inc.

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## **Landscape Architecture & Land Planning**

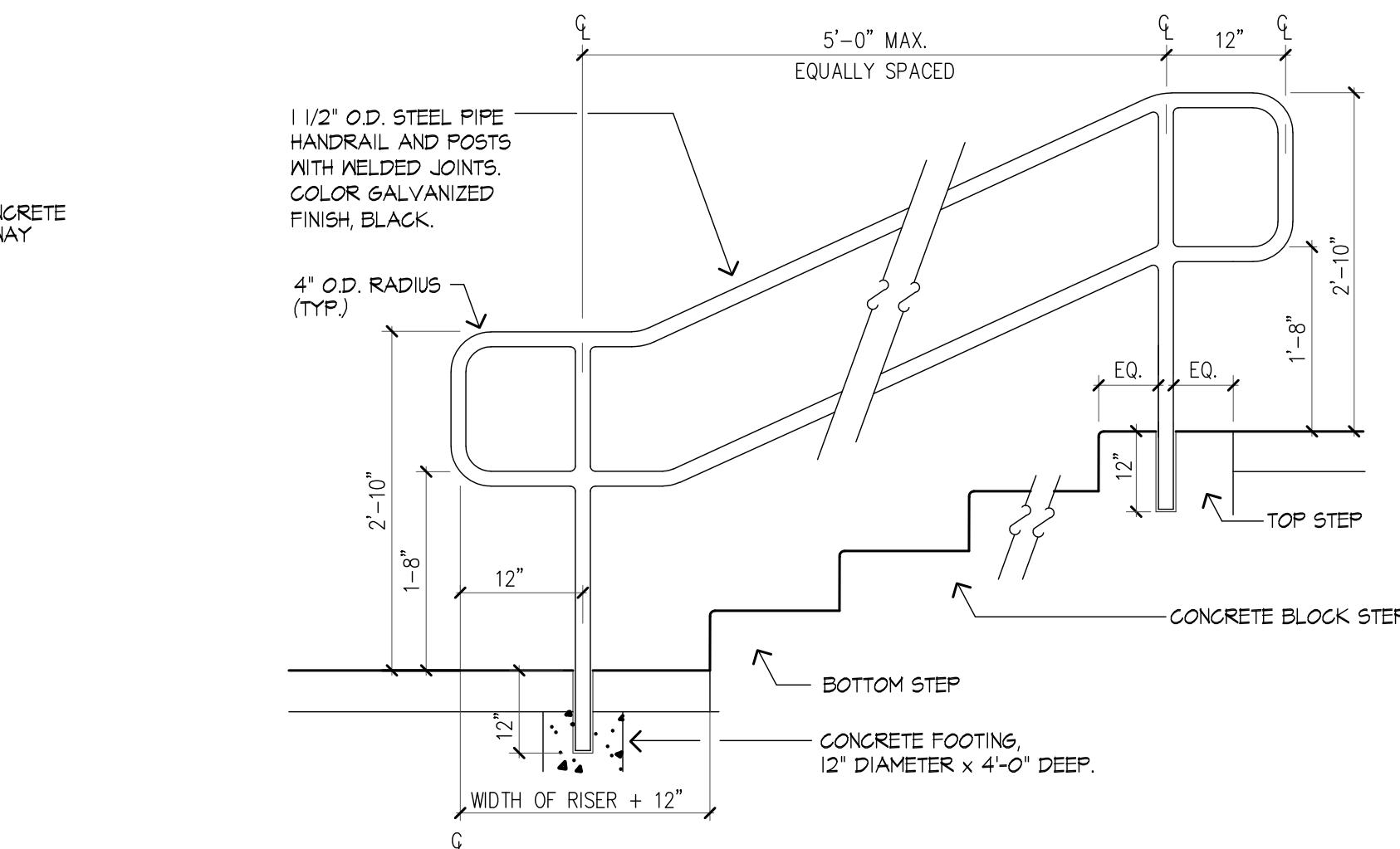
**17 Tewksbury Street  
Andover, Massachusetts 01810  
978 470 8882 FAX 978 470 8890**

This technical diagram illustrates the cross-section of a granite staircase. The staircase is built on a concrete foundation with a depth of 48". The foundation is reinforced with #4 rebar at 12" O.C. each way, with a 2" clearance at the ends. The stairs consist of granite treads with a flame finish, each 1' - 3" wide and 6" thick. The risers are 6" high. The total width of the stairs is 2' - 4 1/2". The stairs are supported by a concrete wall with a wall cap matching the treads. An expansion joint is located on the right side of the wall. The stairs are built on a 6" compacted gravel base, which sits on a compacted subgrade. A 4" concrete walkway is shown on the left and right sides. A core sleeve for a handrail is located on the left side of the wall. A note indicates to see the plan for the total number of risers required.

# 1 RETAINING WALL AND STAIR SECTION

SCALE: 1" =

SCALE: 1" =



## 2 HANDBRAIL FOR STEPS

SCALE



## Project:

# Milton High School

## Lower Field

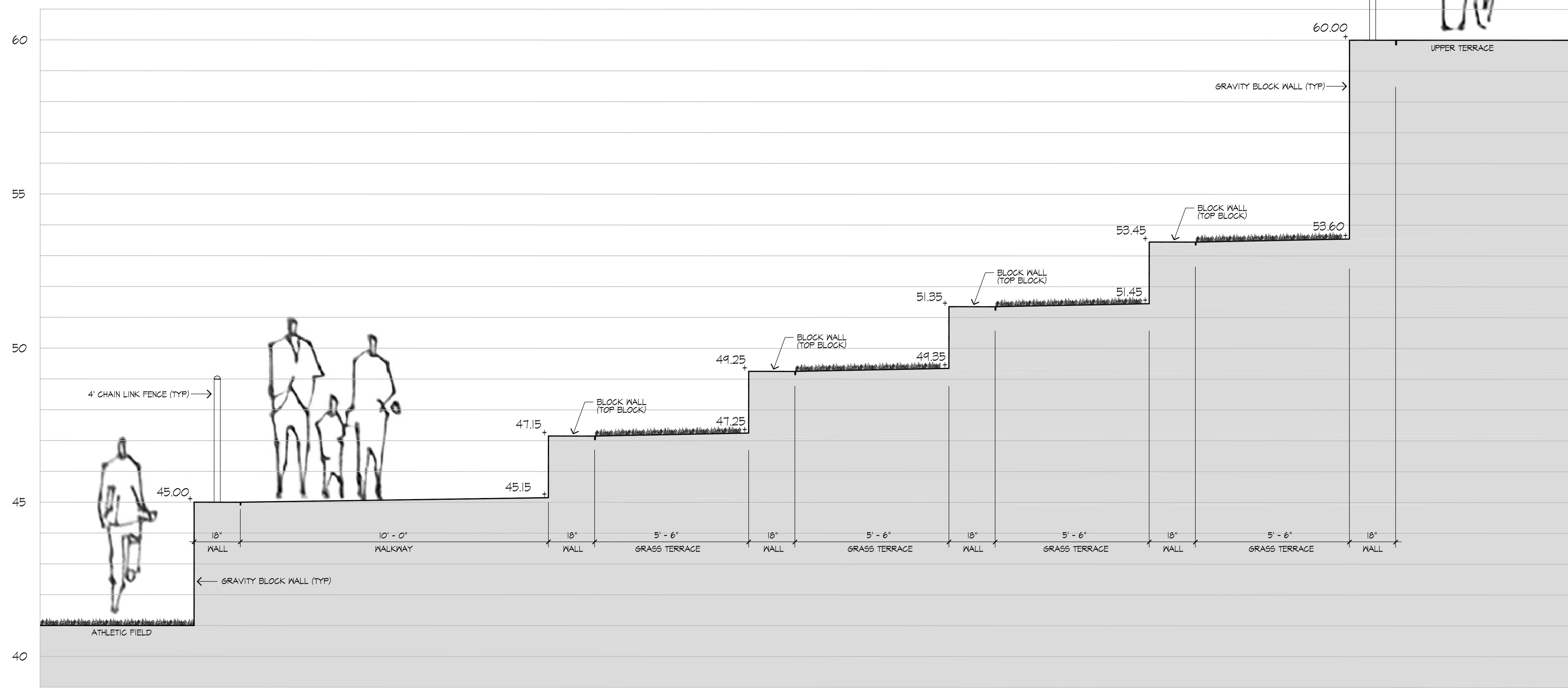
## Milton, Massachusetts

Drawing Title:

# Multi-Purpose Field Cross-section

## Revision Rate

Scale:	AS NOTED	Drawing No.
Date:	2.9.23	
Job:	00-107	
File:	PR-det	
Drawn:	CCH	of
Checked:	--	7



## 3 WALKWAY AND SEATING AREA CROSS-SECTION

SCALE: 1" = 2'

卷之三