

95% CONSTRUCTION DOCUMENTS

Milton High School - Lower Field Improvements

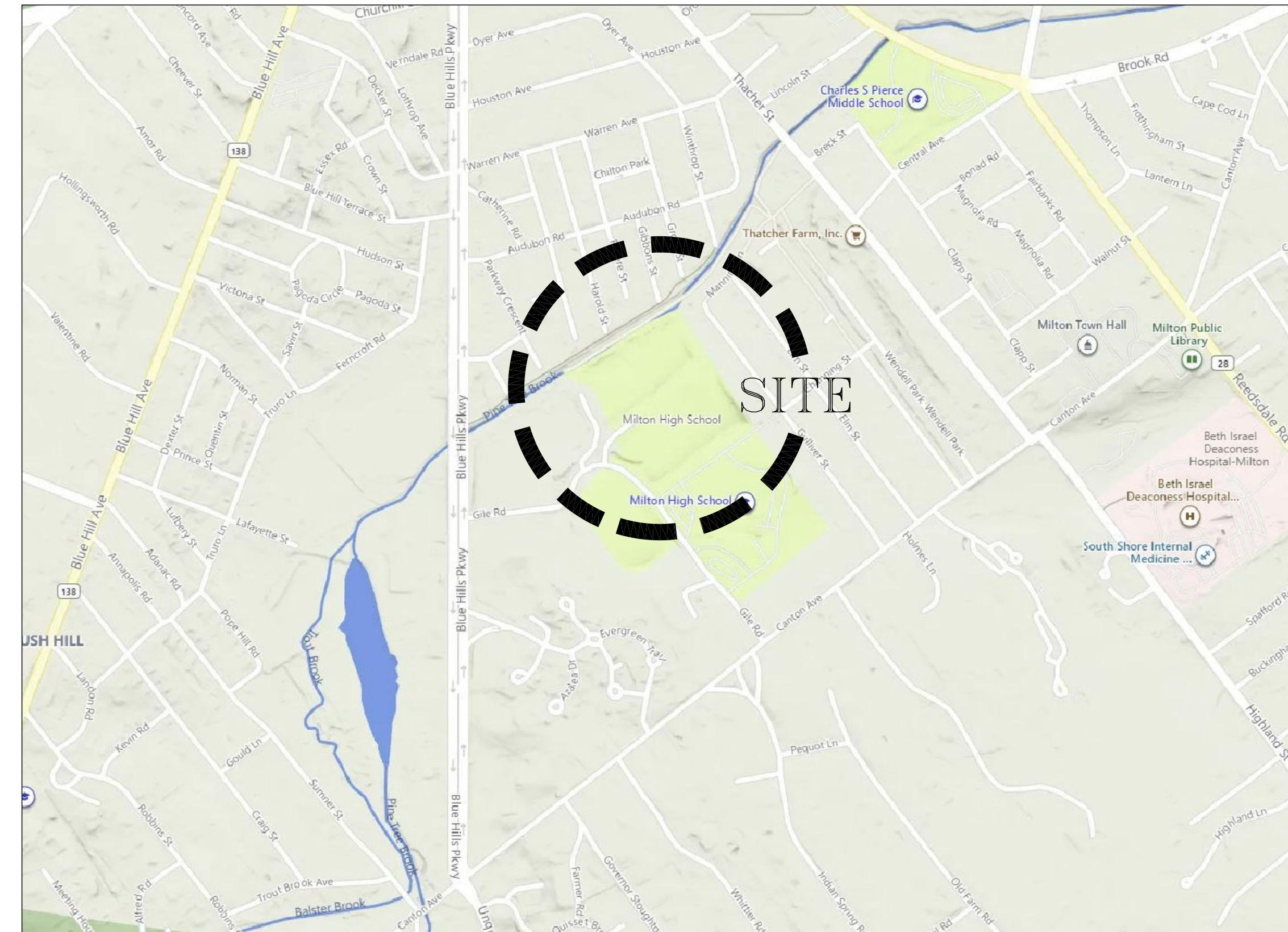
Milton, Massachusetts

December 15, 2021

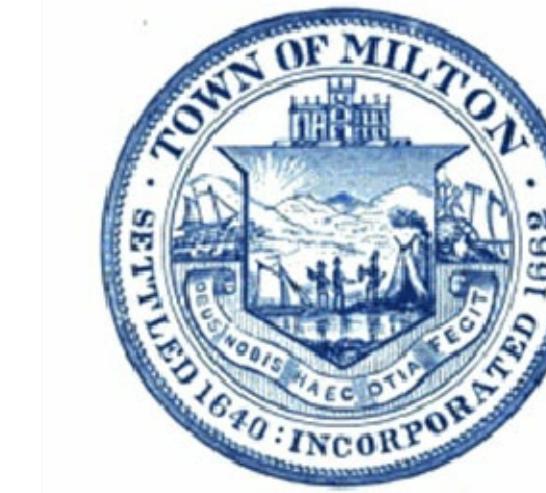
LIST OF DRAWINGS:

- 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 BLEACHER & PRESSBOX DETAILS

LOCUS PLAN

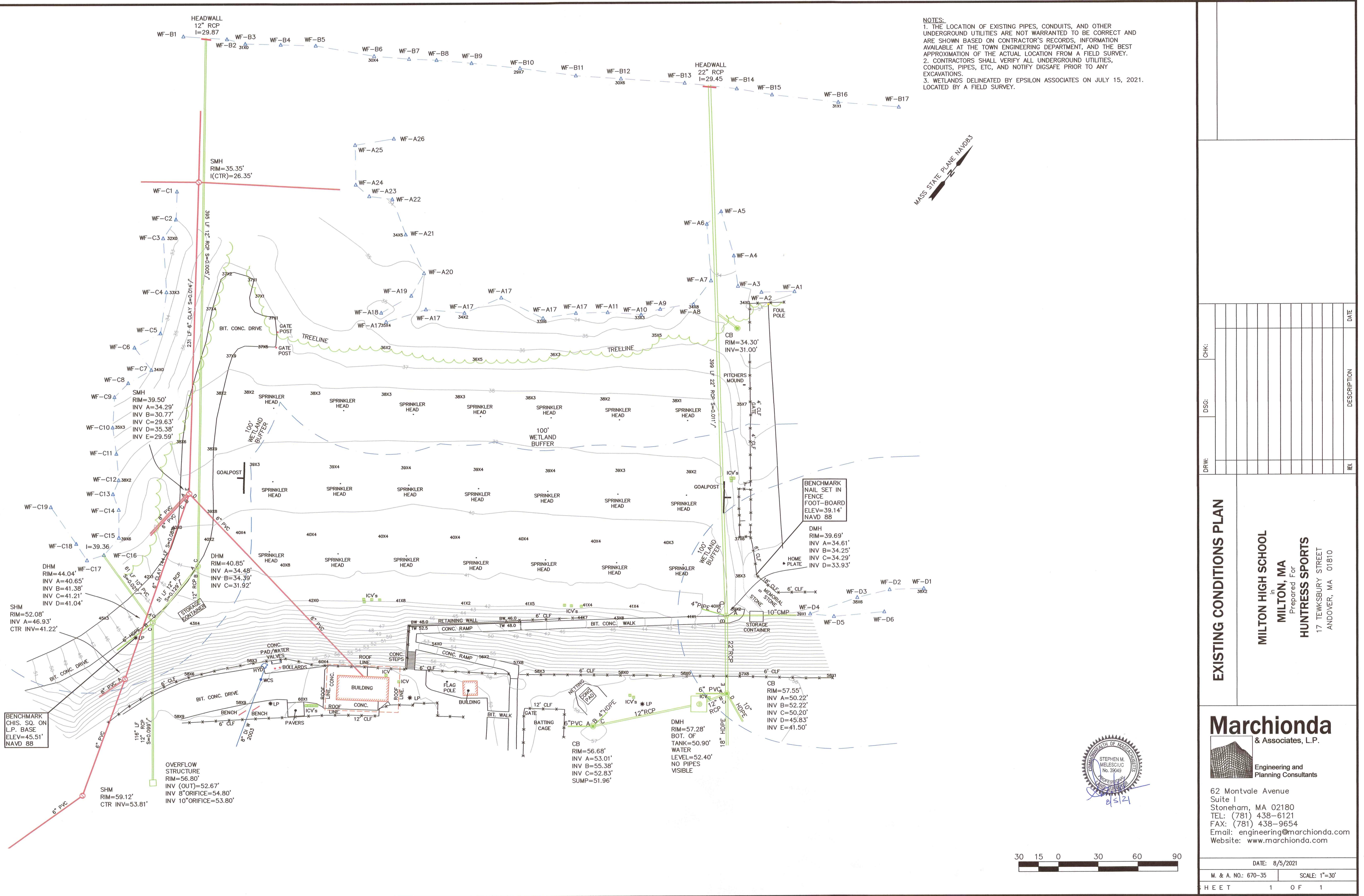


OWNER:
Town of Milton
525 Canton Avenue
Milton, Massachusetts 02186



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





MILTON HIGH SCHOOL
in
MILTON, MA
Prepared For
HUNTRESS SPORTS

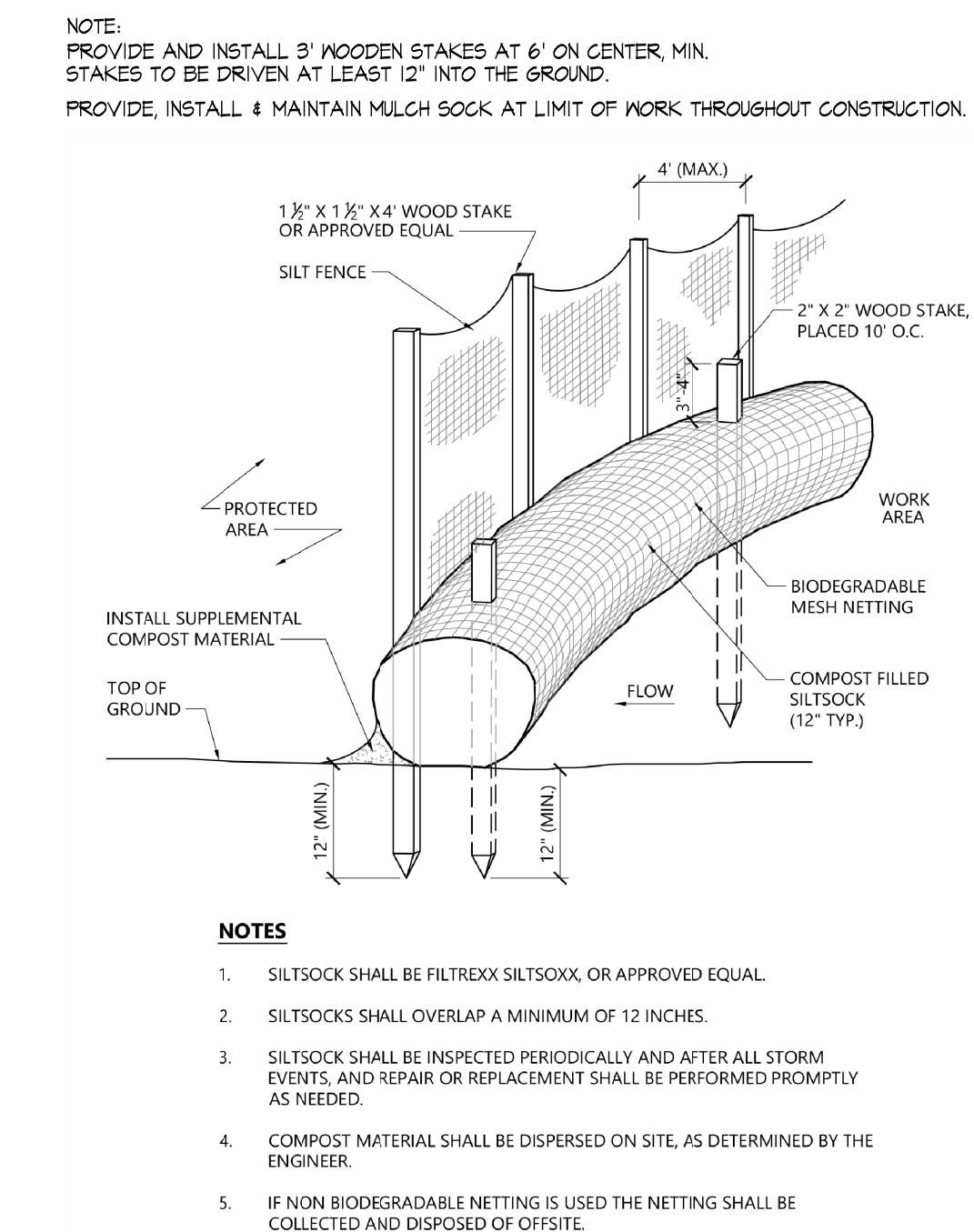
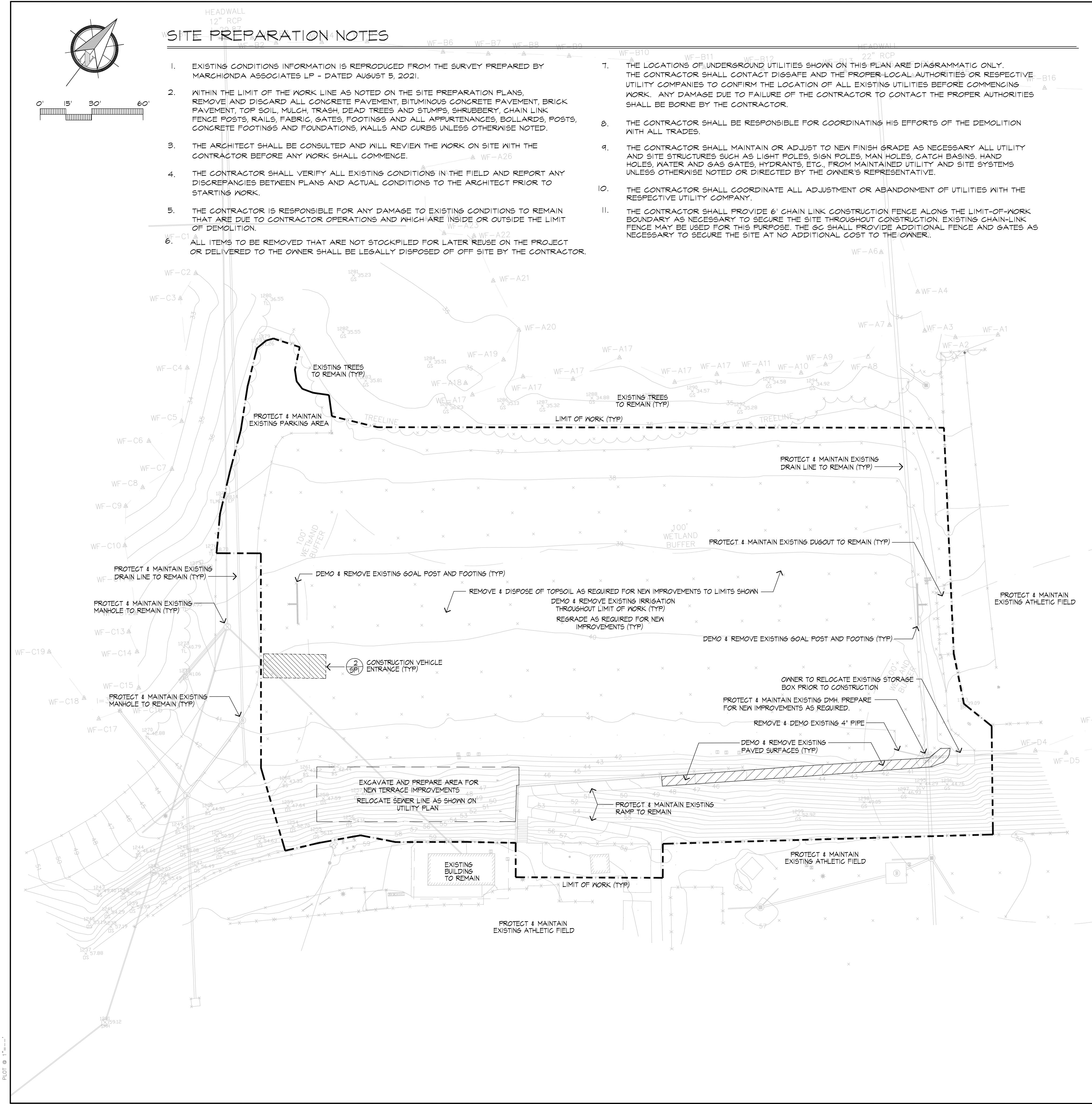
17 TEWKSBURY STREET
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DATE: 8/5/2021	
§ A. NO.: 670-35	SCALE: 1"=30'
E T	1 O F 1

CTS\670-35\SURVEY\EXISTING CONDITIONS.DWG



HA

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Landscape Architecture & Land Planning

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

1 MULCH SOCK WITH SILTATION BARRIER

SCALE: N.T.S.

Diagram illustrating a crushed stone filter layer. The layer is 8 inches thick and is supported by filter fabric. The top surface is 1 1/2"-2" crushed stone. The bottom layer is undisturbed subgrade. The diagram shows a cross-section with a 1 1/2"-2" crushed stone layer on top, supported by filter fabric, with a 8" dimension line indicating the total thickness. The bottom layer is labeled 'UNDISTURBED SUBGRADE'.

CONSTRUCTION ENTRANCE

SCALE: 1"=1

Project

Milton High School

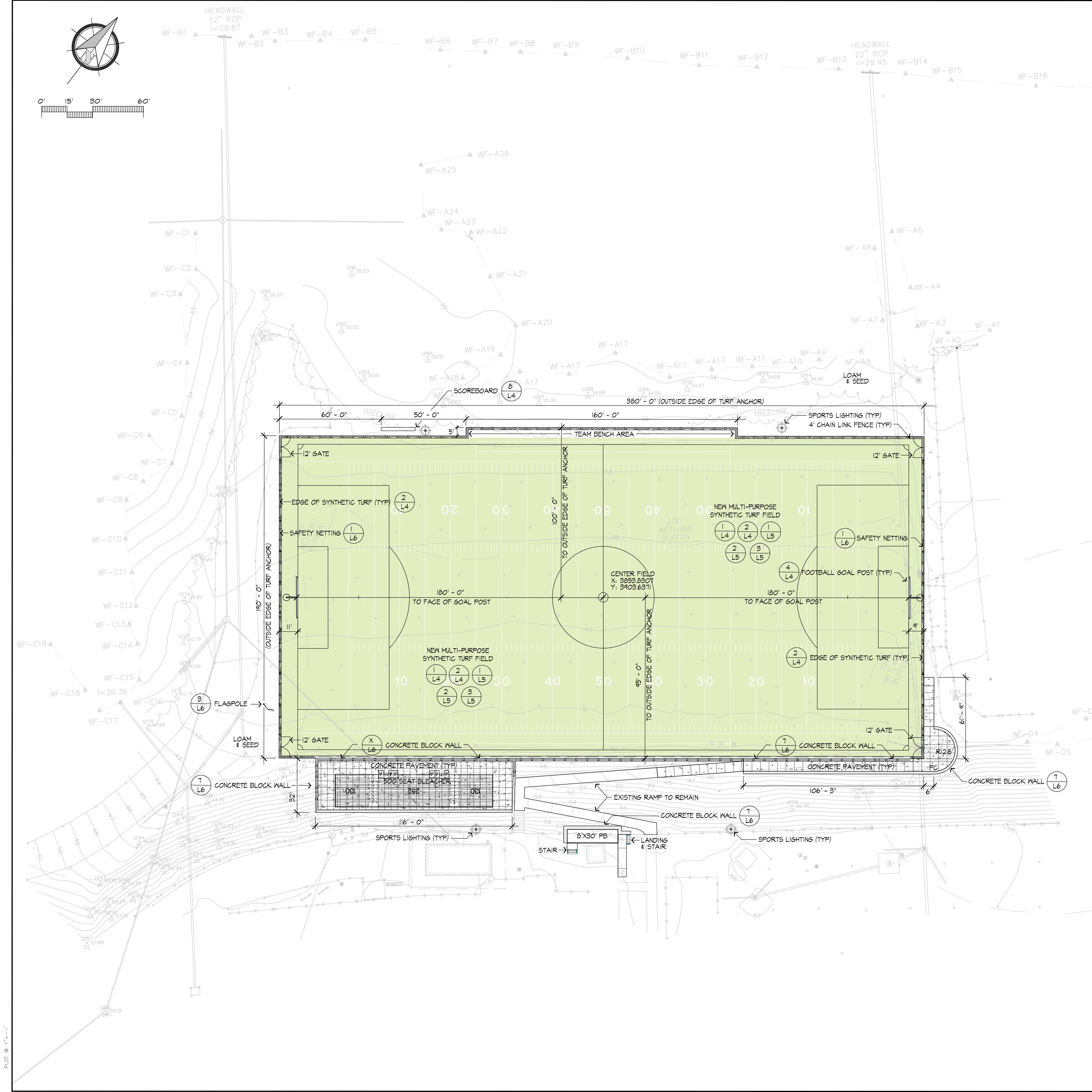
Lower Field

Milton, Massachusetts

Drawing Title:

Revision _____ Date _____

Scale:	1" = 30'	Drawing No.
Date:	12.15.21	
Job:	00-107	
File:	PR-det	
Drawn:	CCH	of
Checked:	--	



LAYOUT AND MATERIAL NOTES

1. TOPOGRAPHIC PLAN OF LAND IN MILTON, MASSACHUSETTS,
PREPARED BY MARCHIONDA ASSOCIATES LP, STONEHAM, MASS.
DATED DECEMBER 5, 2021
2. PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT
BOTH ON AND OFF SITE, THE CONTRACTOR SHALL NOTIFY
DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING
THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED
3. CONTRACTOR(s) SHALL THOROUGHLY FAMILIARIZE THEMSELVES WITH
ALL CONSTRUCTION DOCUMENTS, SPECIFICATIONS, AND SITE CONDITIONS
PRIOR TO BIDDING AND PRIOR TO CONSTRUCTION.
4. ANY DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS,
AND SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE
LANDSCAPE ARCHITECT FOR CLARIFICATION AND RESOLUTION PRIOR
TO BIDDING OR CONSTRUCTION.
5. ALL DIMENSIONS ARE TAKEN TO THE FIELD CENTERLINE, EXCEPT WHERE
OTHERWISE NOTED.
6. SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING
CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED
BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE
REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS
REQUIRED.

HA

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Project:

Milton High School

Lower Field

Milton, Massachusetts

Drawing Title:

Multi-Purpose Field Layout Plan

Revision Rate

Scale:	1" = 30'	Drawing No.
Date:	12.15.21	
Job:	00-107	
File:	PR-det	
Drawn:	CCH	of
Checked:	--	



GRADING & UTILITY NOTES

- TOPOGRAPHIC PLAN OF LAND IN MILTON, MASSACHUSETTS, PREPARED BY MARCHIONDA ASSOCIATES LP OF STONEHAM, MASS. DATED AUGUST 5, 2021
- PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OFF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
- WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. PONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL ATHLETIC FIELDS
- MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
- ENSURE ALL EXISTING (TO REMAIN) AND PROPOSED MANHOLE COVERS PROPERLY IDENTIFY UTILITY SERVICED.
- CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
- BITUMINOUS CONCRETE ELEVATIONS AT CATCH BASINS TO BE 1/4 INCH ABOVE RIM ELEVATION SHOWN FOR CATCH.
- CONTRACTOR TO ADJUST UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN-OUTS, UTILITY MANHOLES, CATCH BASINS, INLETS, ETC) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT.
- SCREENED IMAGES SHOW EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPINGED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED.

H

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17 Tewksbury Street
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Project:

Milton High School Lower Field

Milton, Massachusetts

Drawing Title:

Multi-Purpose Field Grading & Drainage

Revision _____ Date _____

Scale: 1" = 30'
Date: 10.22.21
Job: 00-107
File: PR-det
Drawn: CCH
Checked: --

Drawing No. L-2
of 7



PLANTING NOTES

1. 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.
2. CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
3. CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDING FOUNDATIONS, STRUCTURES, AND PLANTING BEDS.
5. MAXIMUM SLOPE WITHIN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
6. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE ALL PLANTINGS SHOWN ON THIS DRAWING.
7. ALL MATERIALS SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
8. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISH GRADE AS TO ORIGINAL GRADES BEFORE DIGGING.
9. ALL PLANTS TO BE BALLED IN BURLAP OR CONTAINERIZED.
10. 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.
11. 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.
12. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE (1) FULL YEAR FROM DATE OF ACCEPTANCE.
13. ALL PLANT MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT, AT THE NURSERY, AND AT THE SITE.
14. LANDSCAPE ARCHITECT TO FLAG ALL TREES TO BE TRANSPLANTED PRIOR TO CONSTRUCTION START.
15. ALL AREAS OF THE SITE WHICH HAVE BEEN DISTURBED AND NOT OTHERWISE DEVELOPED SHALL BE LOAMED AND SEEDDED WITH A MINIMUM DEPTH OF 6" DEPTH TOPSOIL.

H

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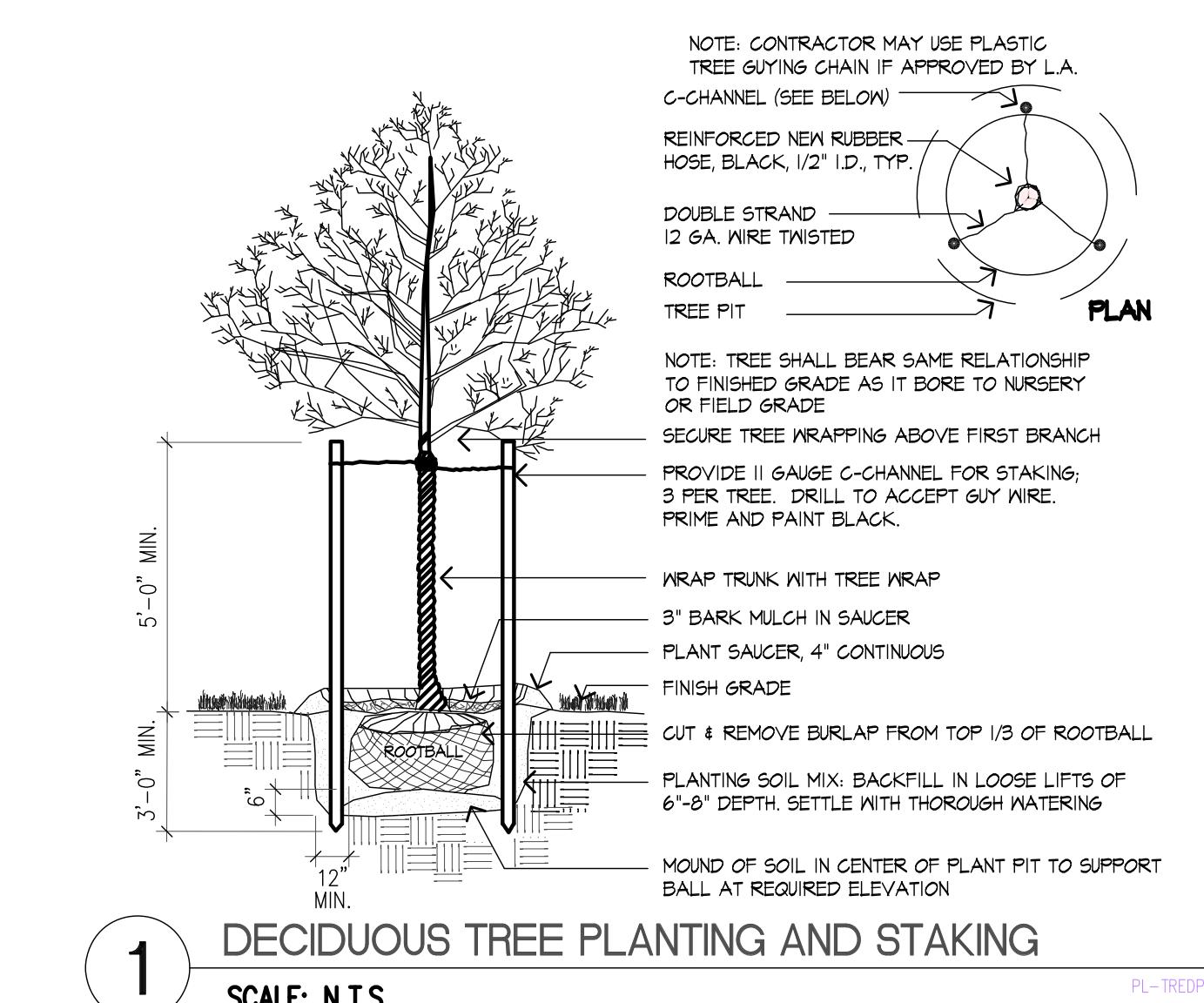
Project:

Milton High School

Lower Field

Milton, Massachusetts

Multi-Purpose Field Planting Plan



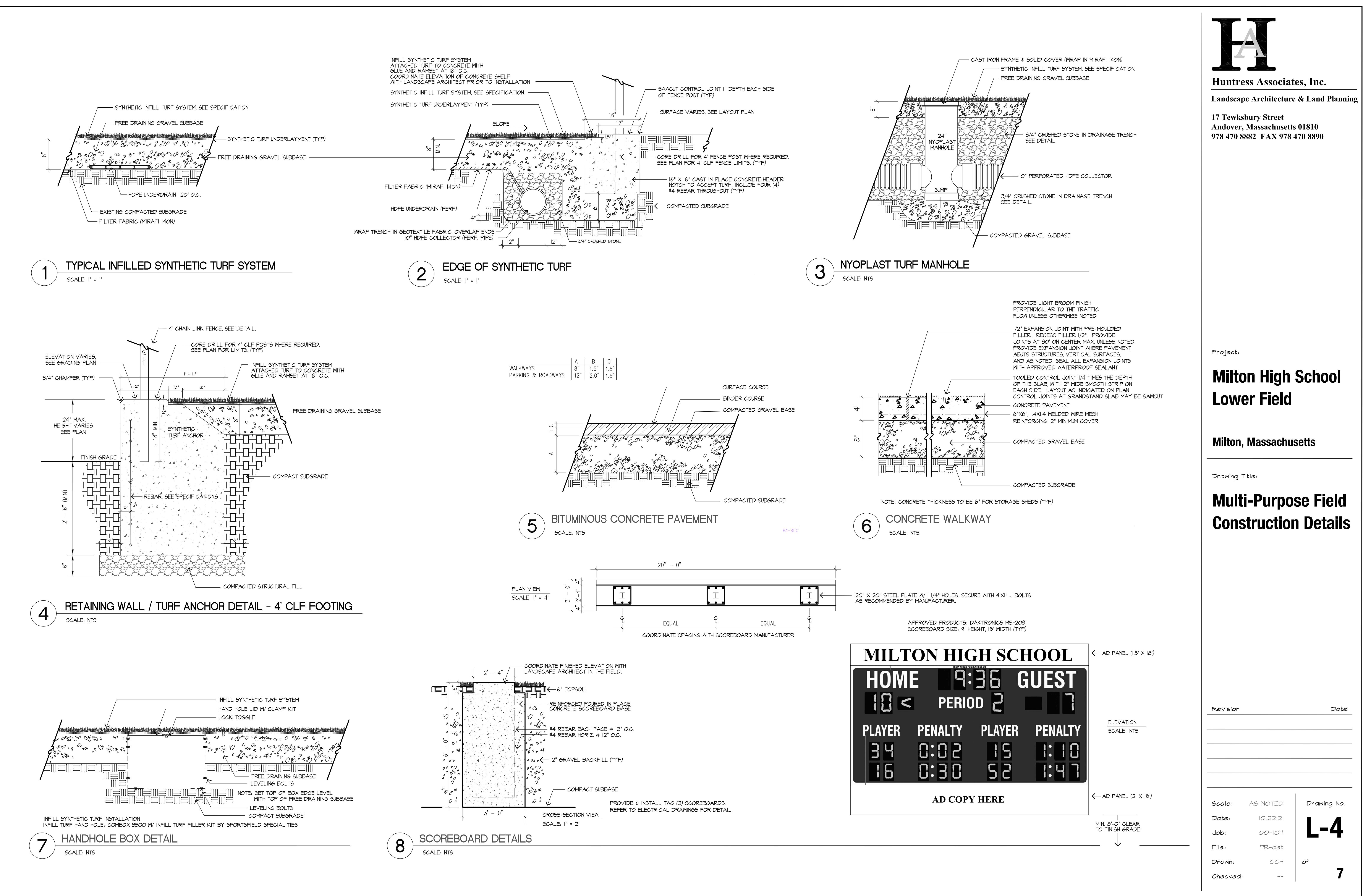
MIN. DATE AT REQUESTED ELEVATION

1 DECIDUOUS TREE PLANTING AND STAKING

SCALE: N.T.S.

Revision Rate

Scale:	1" = 30'	Drawing No.
Date:	10.22.21	
Job:	00-107	
File:	PR-det	
Drawn:	CCH	of
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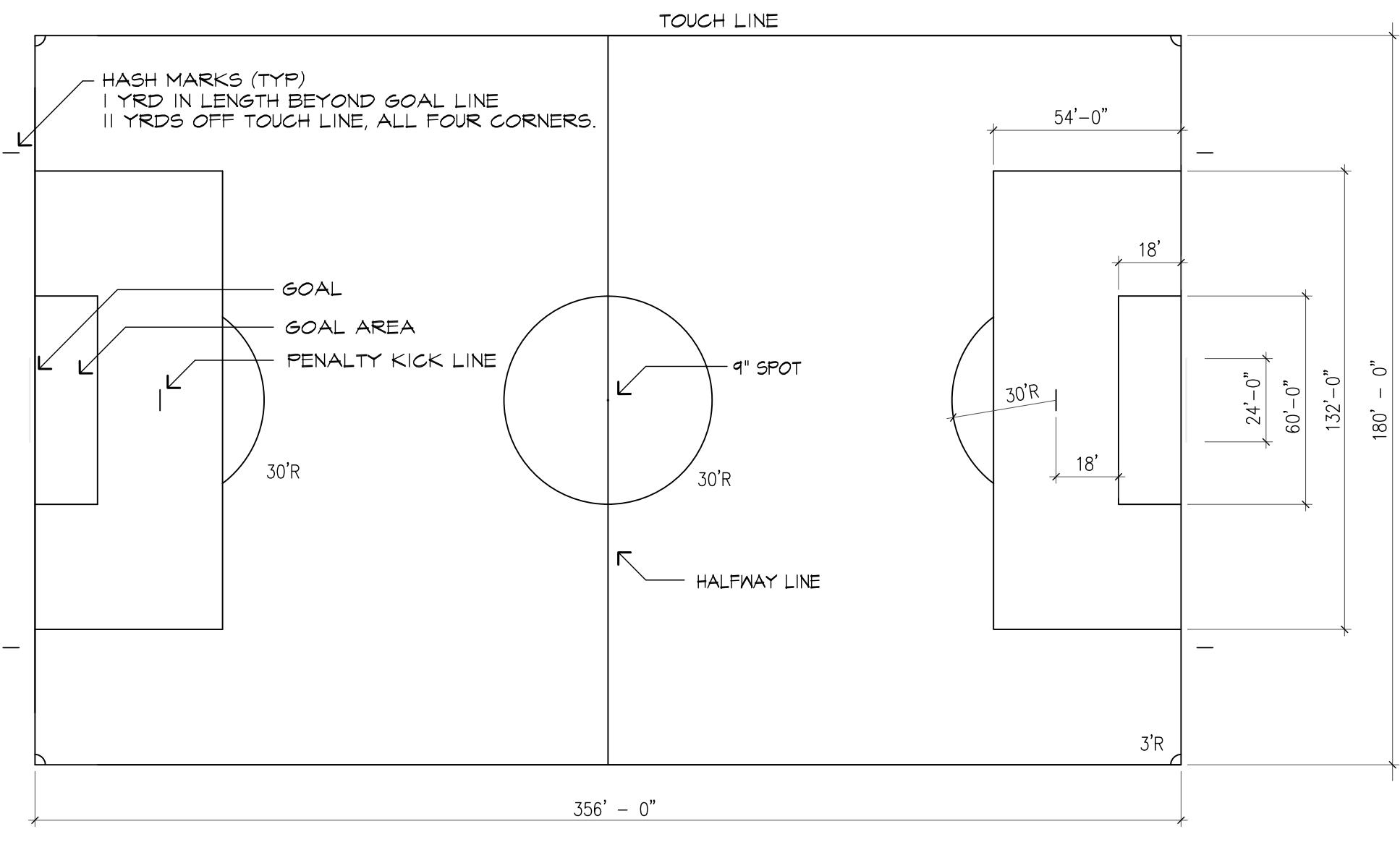


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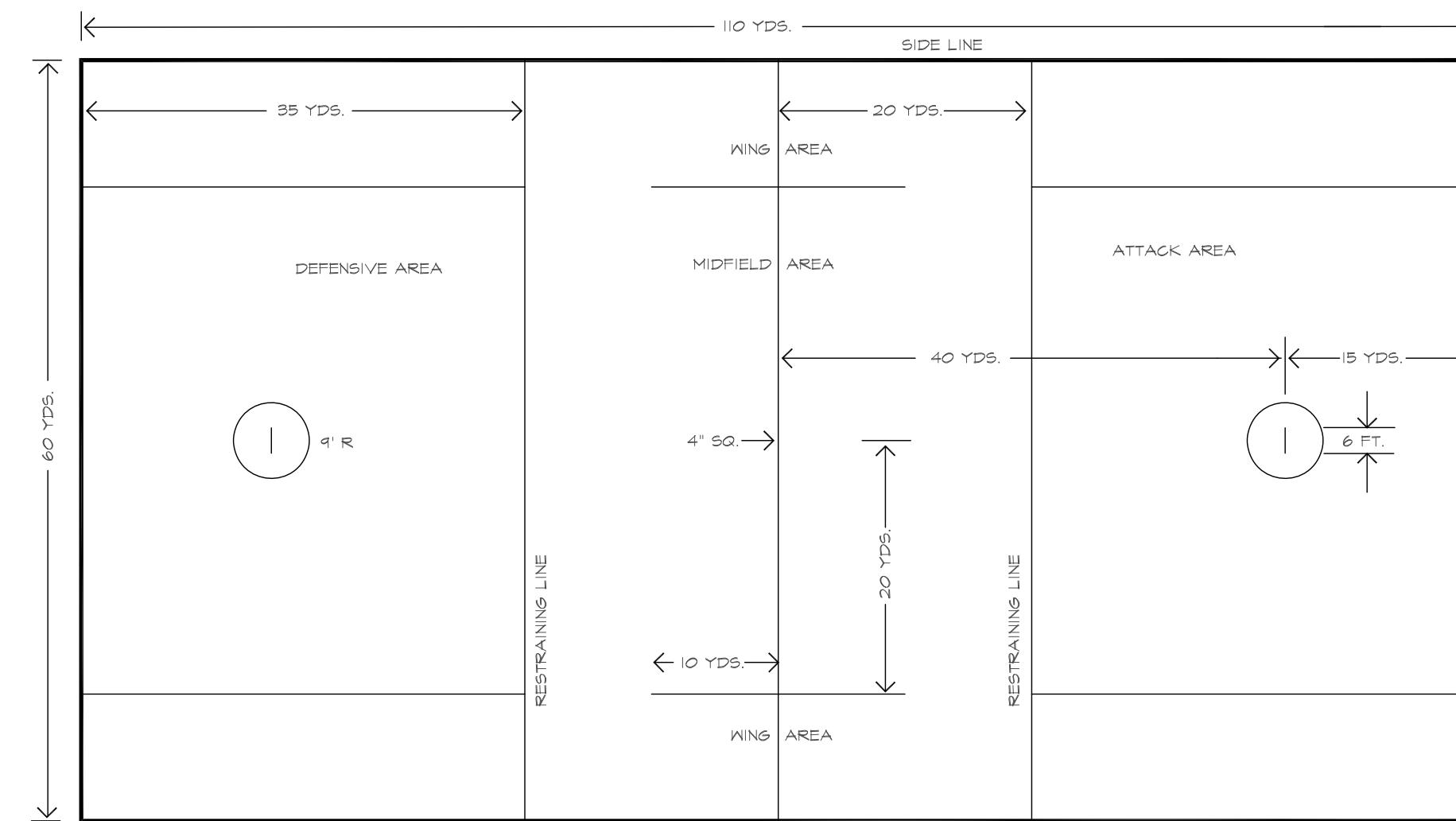
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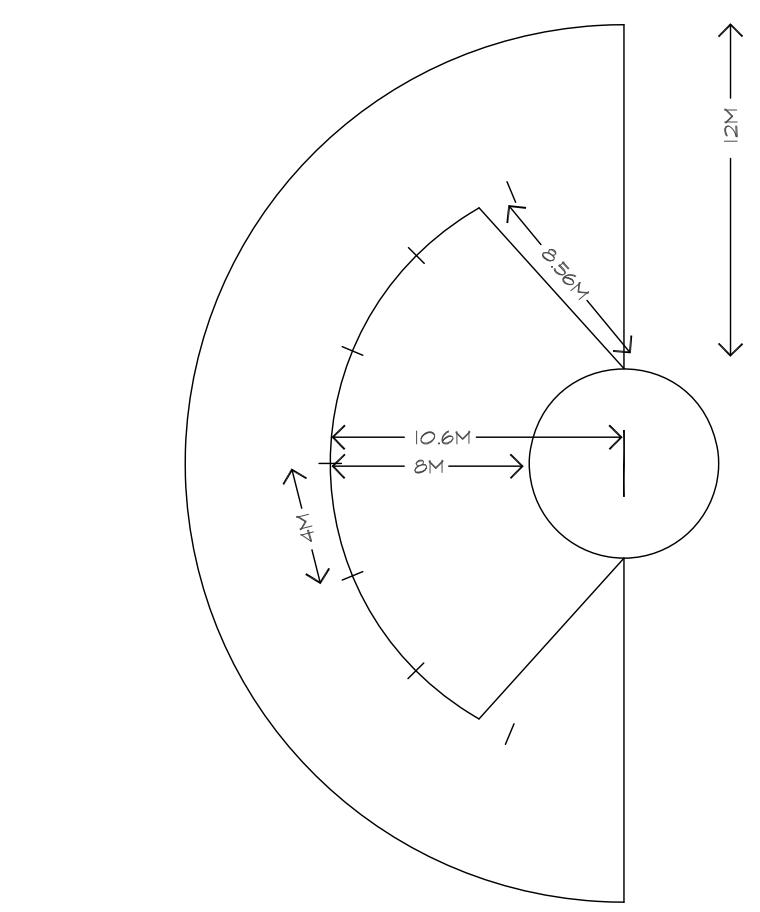
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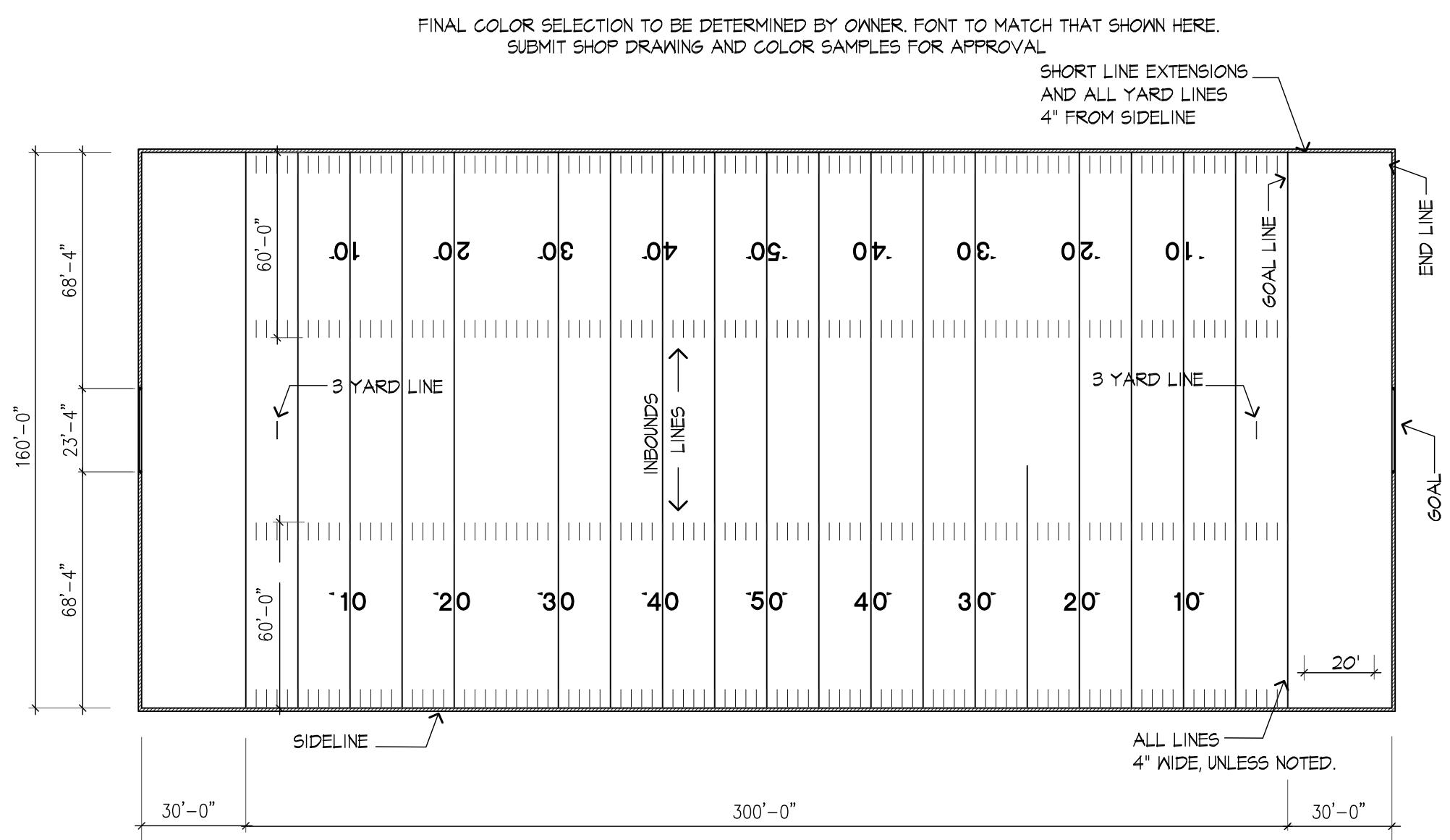
1 SOCCER FIELD LAYOUT



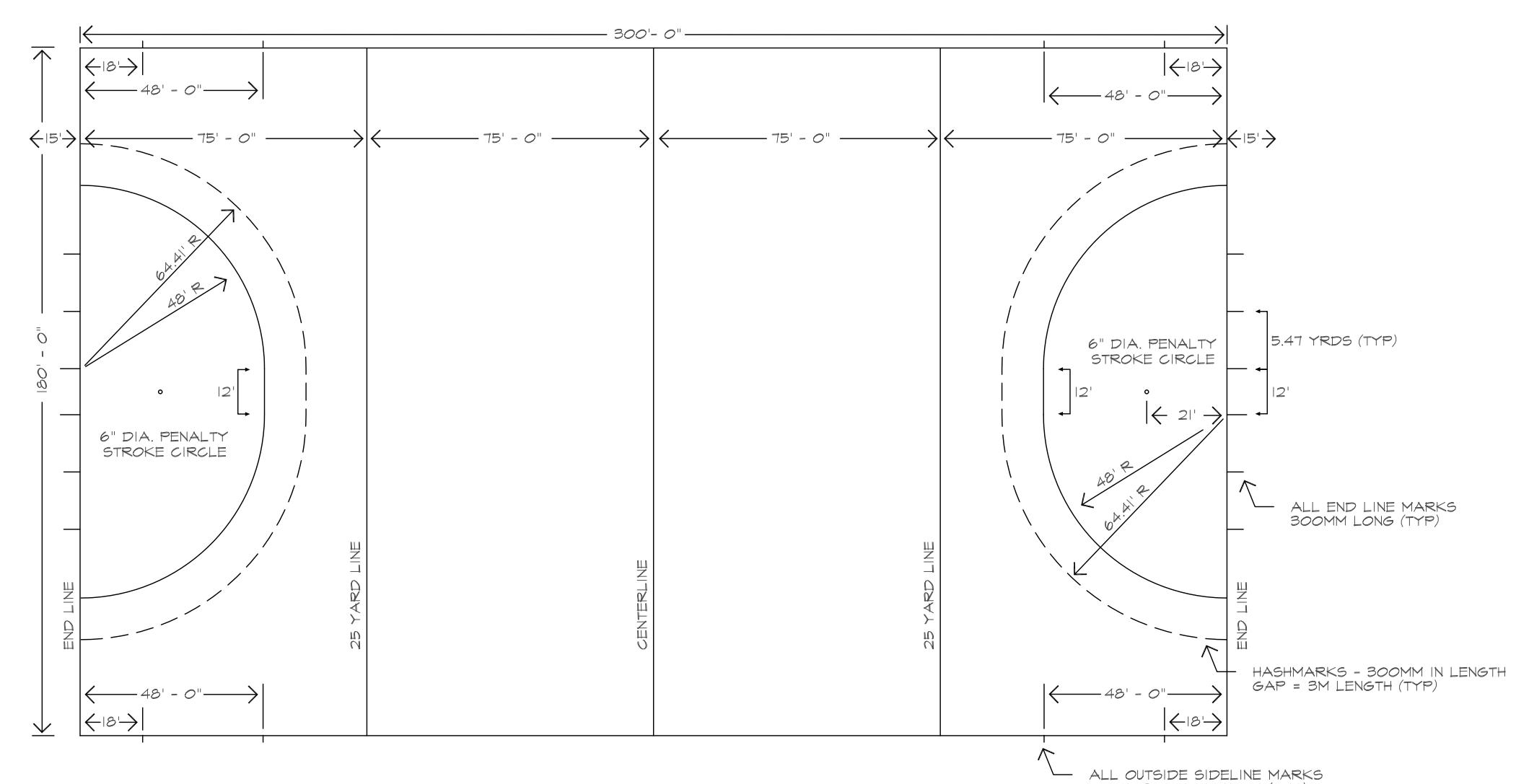
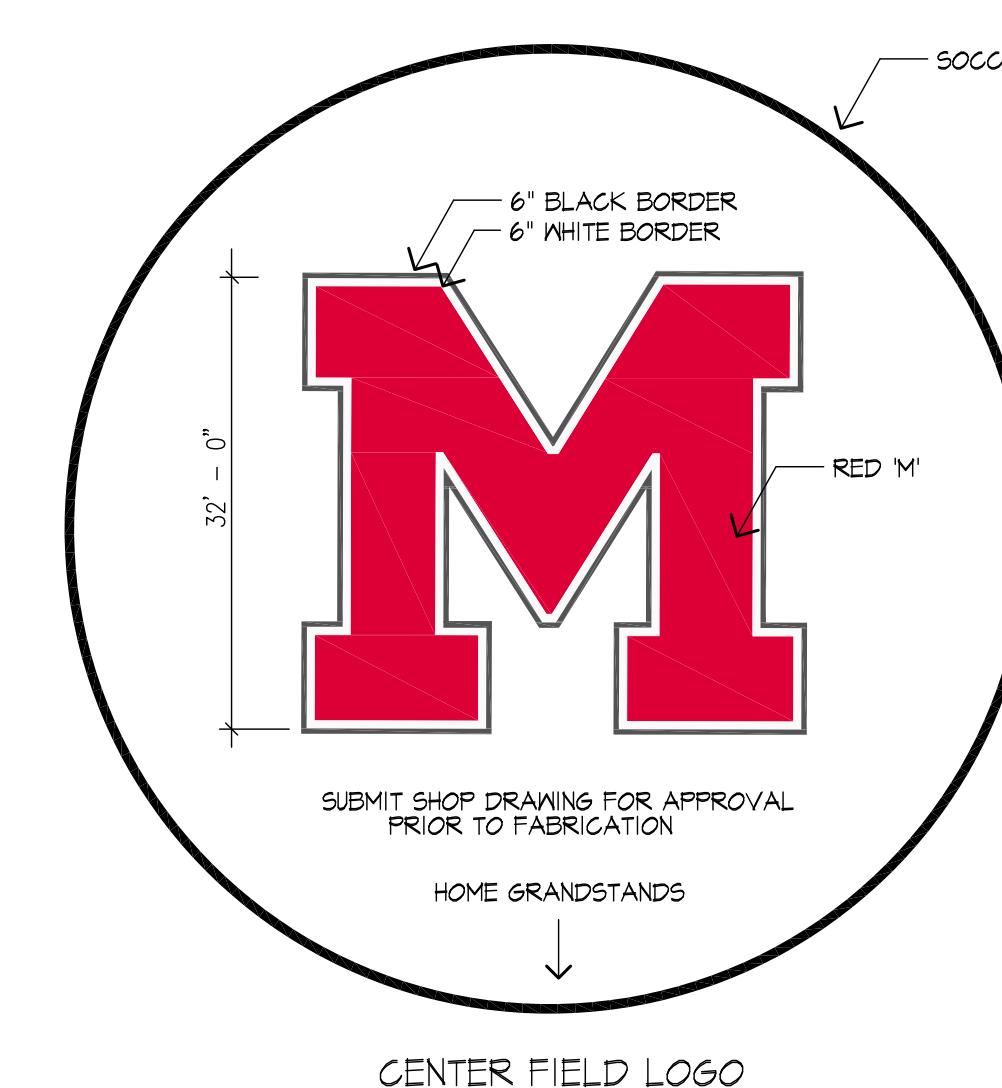
2 MEN'S LACROSSE FIELD LAYOUT



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 CREASE AS SHOWN.
COORDINATE LOCATION PRIOR TO INSTALLATION. COLOR TO BE SELECTED BY OWNER.
SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.

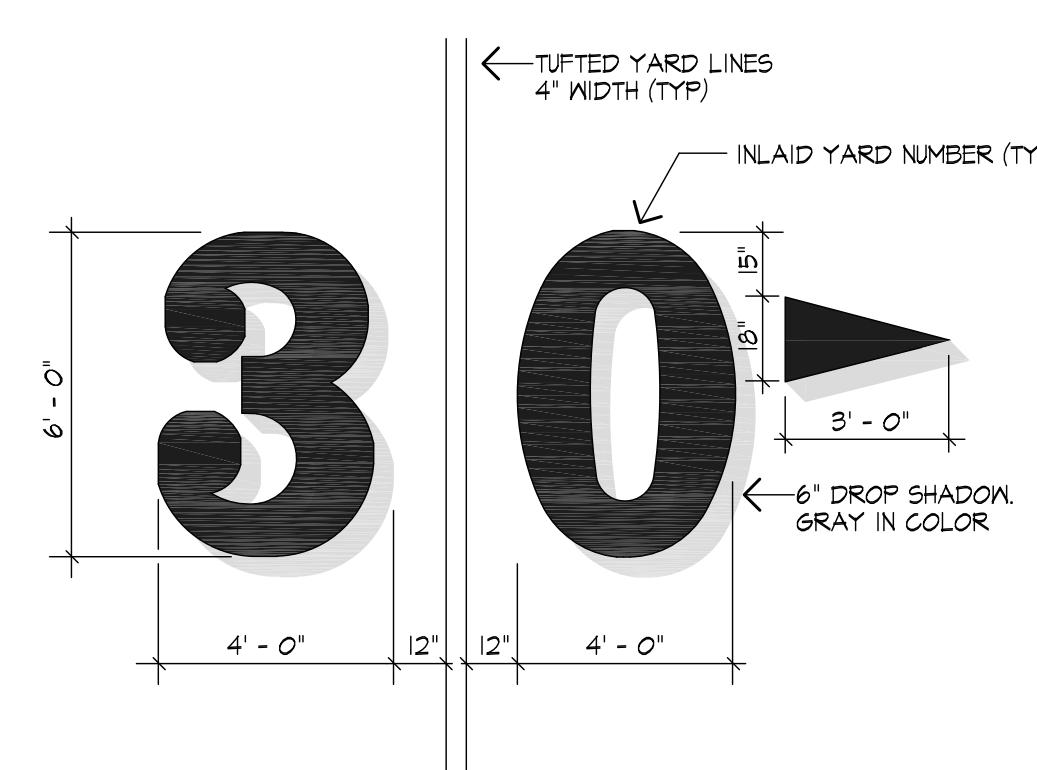


3 FOOTBALL FIELD LAYOUT

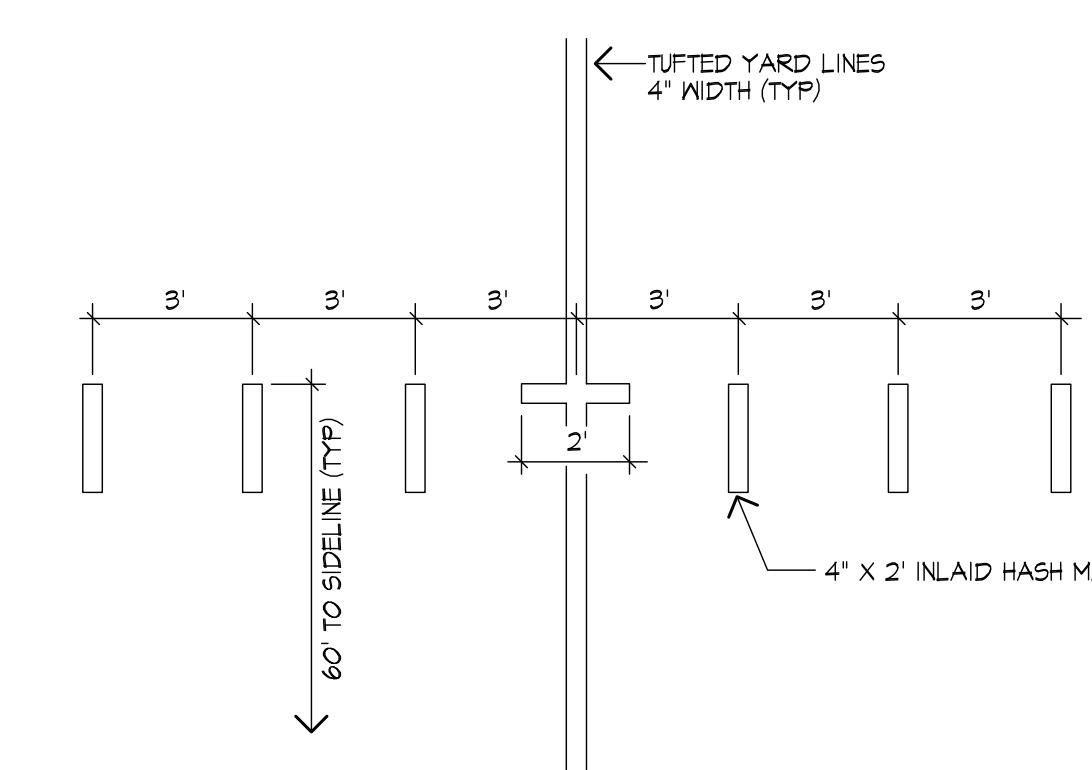


4 FIELD HOCKEY LAYOUT

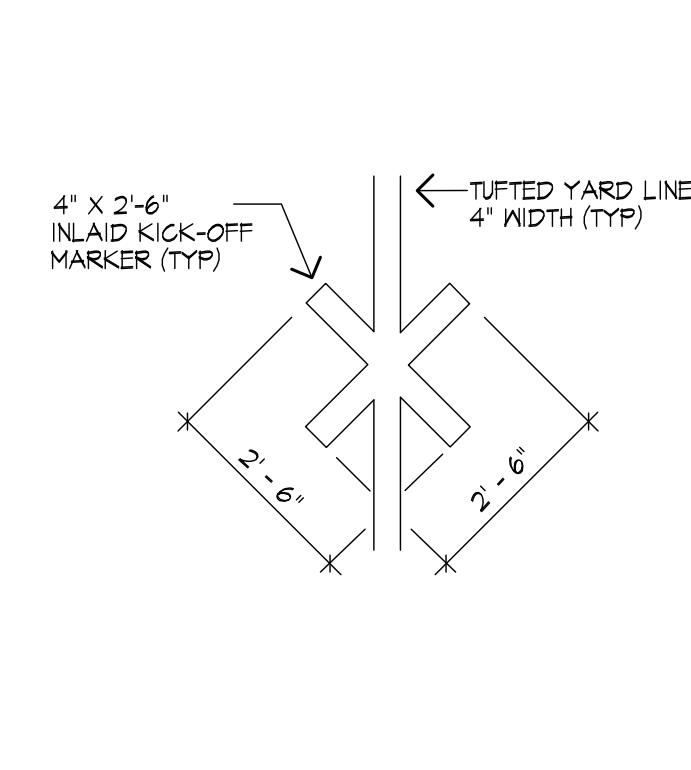
SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO FABRICATION.



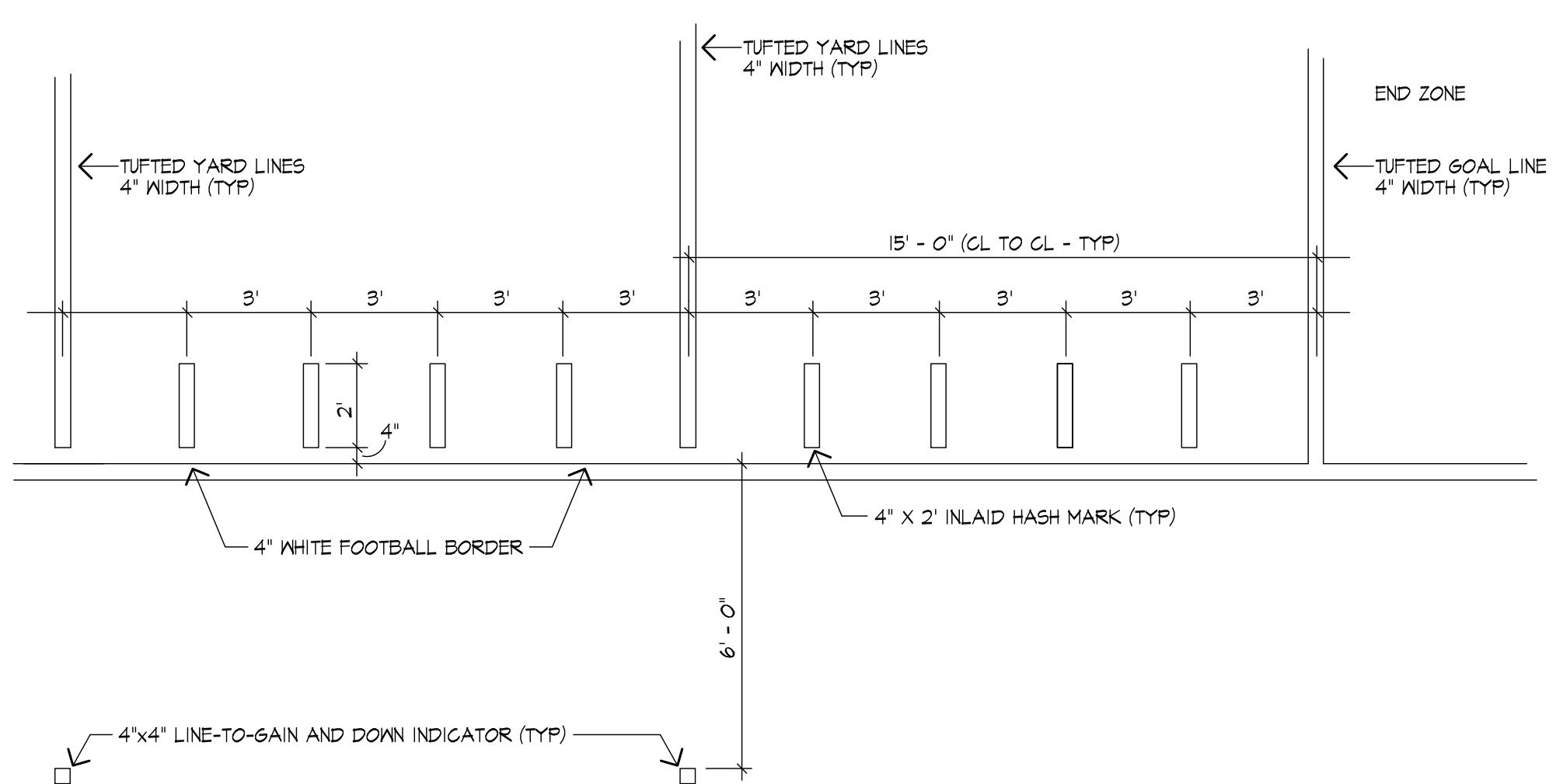
TYPICAL NUMBER DETAIL



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: 10.22.21
Job: 00-107
File: PR-det
Drawn: CCH
Checked: --

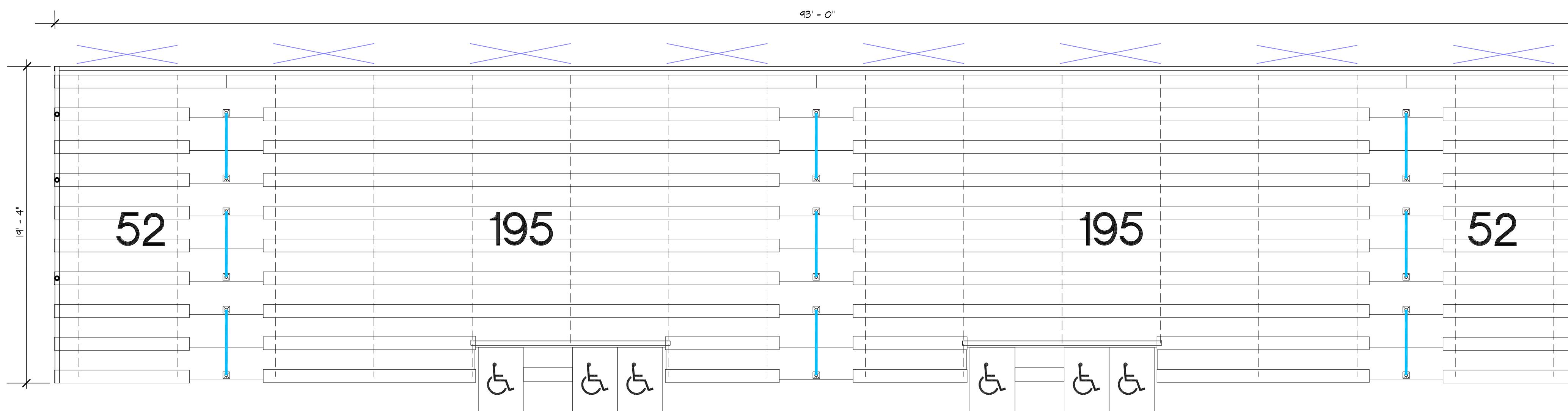
Drawing No. L-5
of 7

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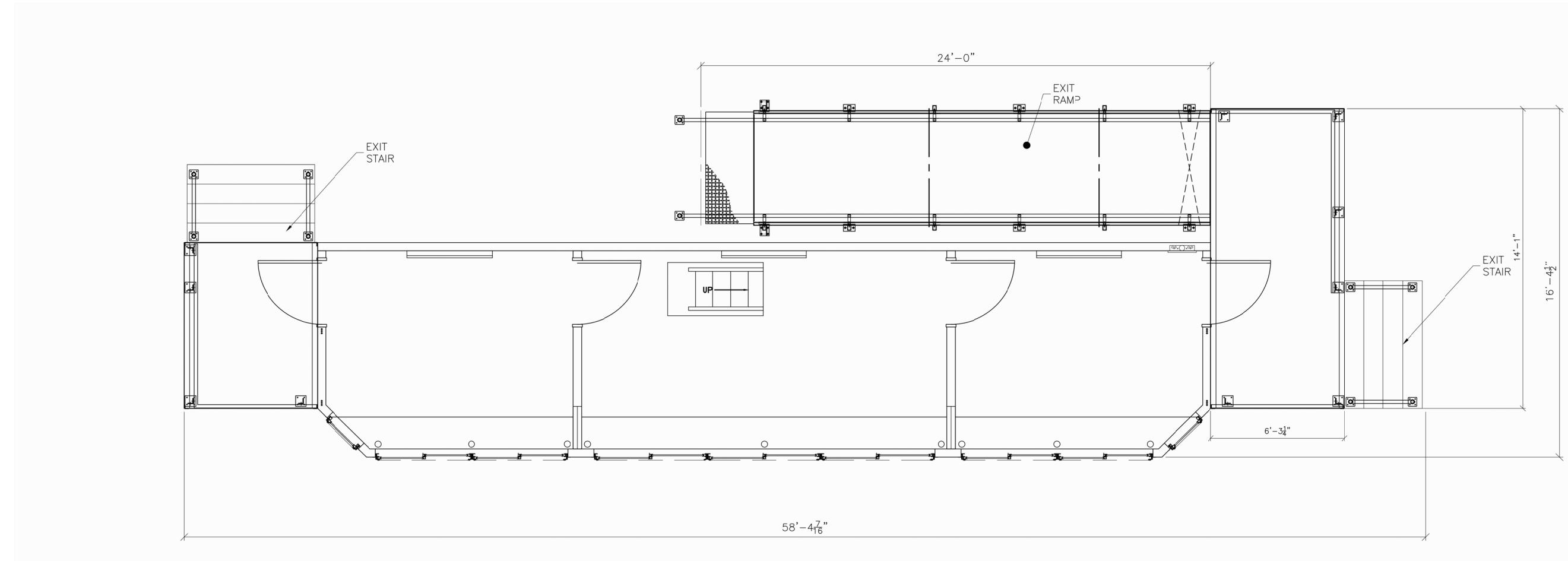
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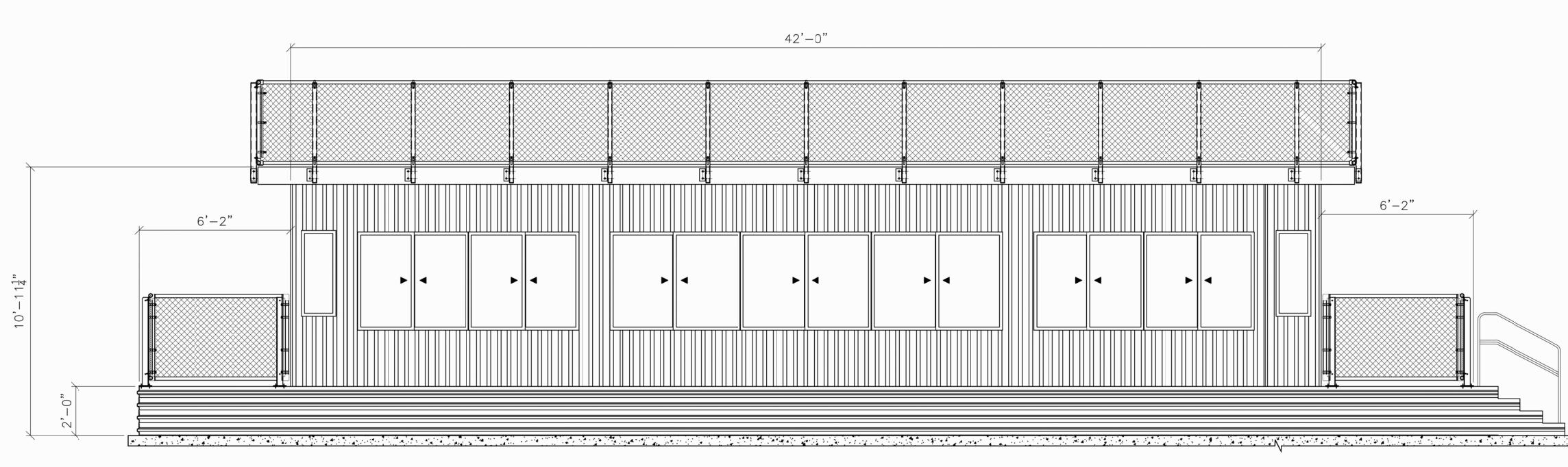
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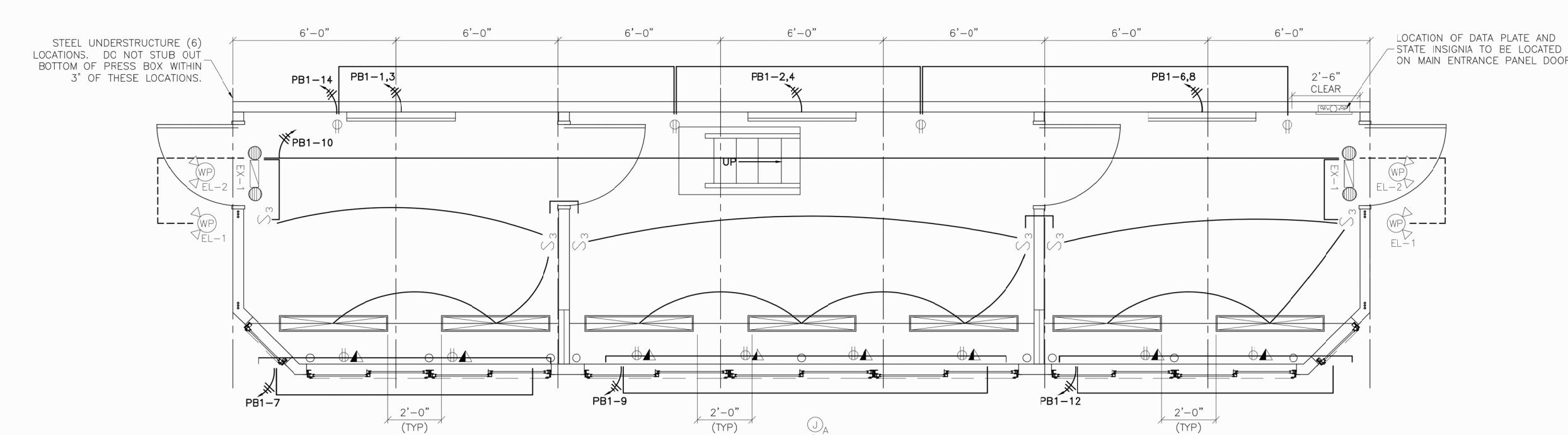
1 NON-ELEVATED BLEACHER - SEATING LAYOUT
SCALE: NTS



FLOORPLAN & LAYOUT



2 PRESSBOX DETAILS
SCALE: NTS



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

NOTES:									
1) THE UTILITY METER BASE & FEEDER SYSTEM TO BE PROVIDED BY OTHERS ON SITE, UNDER THE AUTHORITY OF THE LOCAL JURISDICTION.									
2) CONNECTION OF ELECTRICAL SERVICE TO BE PERFORMED BY A LICENSED ELECTRICIAN. (BY OTHERS)									
3) ALL NUMBERS ON ELECTRICAL CIRCUITS DESIGNATE FEEDER SIDE OF CIRCUIT.									
4) ALL BLEACHER CIRCUIT WIRES TO BE ENCADED IN THIN WALL EMT CONDUIT-MIN 12 THIN WIRE OR MC CABLE									
5) SITE UNDERSTRUCTURE (6) LOCATIONS - DO NOT STUCCO OVER BOTTOM OF PRESS BOX WITHIN 3' OF THESE LOCATIONS.									

PANEL PR1
DESCRIPTION: 120/240V SINGLE PHASE, 60HZ 100 AMP MAIN DISCONNECTING BREAKER
FEEDER SIZE: #1 COPPER W/ #6 GND
FED FROM: [REDACTED]

CKT	DESCRIPTION	BKR	PL	WIRE	WATTS	WATTS	WIRE	PL	BKR	DESCRIPTION	CKT
1	BASEBOARD HEATER	20	2	12	1000	1000	12	2	20	BASEBOARD HEATER	2
3	ROOF TOP RECEPTACLE	20	1	12	120	120	12	1	20	BASEBOARD HEATER	4
5	PRESS BOX WIRE-MOLD	20	1	12	540	1000	12	2	20	PRESS BOX LIGHTING	6
6	PRESS BOX WIRE-MOLD	20	1	12	540	1256	12	1	20	PRESS BOX LIGHTING	8
11	PRESS BOX WIRE-MOLD	20	1	12	540	7256	12	1	20	GENERAL RECEPTACLES	10
13	SPARE	20	1	12	12	12	12	1	20	GENERAL RECEPTACLES	12
15	SPARE	20	1	12	12	12	12	1	20	GENERAL RECEPTACLES	14
17	SPARE	20	1	12	12	12	12	1	20	GENERAL RECEPTACLES	16
19	SPARE	20	1	12	12	12	12	1	20	GENERAL RECEPTACLES	18
21	SPARE	20	1	12	12	12	12	1	20	GENERAL RECEPTACLES	20
23	SPARE	20	1	12	12	12	12	1	20	GENERAL RECEPTACLES	22
											24
TOTAL WATTS: 8516											
TOTAL AMPS: 35.48											

4540 3976 WATTS

PANEL ELEVATION
SCALE: NTS

SYMBOL	DESCRIPTION
[REDACTED]	LITHONA #M-232-PC19-120-DEB (2) 4" TUBE LED LIGHT WITH PARABOLIC DIFFUSERS (30 WATT)
PB1	ELECTRICAL DISTRIBUTION LOAD CENTER W/ MAIN DISCONNECT-120/240V. SINGLE PHASE, 100 AMP CAPACITY, SG-10 #20154M100 W/ (1) 1 1/2" CONDUIT THRU FLOOR-100 AMP CAPACITY W/ (1) 3/4" CONDUIT THRU FLOOR
S_3	PASS & SEYMOUR #M873 SPEC. GRADE, GROUNDING TYPE, 3-WAY SWITCH
[REDACTED]	MORRIS SQUARE HEAD LED COMBO EXIT/EMERGENCY LIGHT, PRODUCT #73442
[REDACTED]	PASS & SEYMOUR CR02 SPEC. GRADE, GROUNDING TYPE, RECEPT UP & UNLESS NOTED OTHERWISE
[REDACTED]	PASS & SEYMOUR CR02 SPEC. GRADE, GROUNDING TYPE, RECEPT UP & UNLESS NOTED OTHERWISE
[REDACTED]	WIREMOLD #450 SERIES ELECTRIC PLUG STRIPS W/ REEDER AND COMMUNICATION JACK COVERS 48" O.C. AND 1-1/4" CONDUIT THRU FLOOR AT END-UP 14"
EL-2	180-DEGREE WHITE OUTDOOR LED MOTION SECURITY LIGHT W/ DUSK TO DAWN SENSOR PDI-5982-WH WALL MOUNTED ABOVE THE CENTER OF THE DOOR
[REDACTED]	LITHONA #ELA-W-IX-N0808 REMOTE EMERGENCY LIGHT HEAD
[REDACTED]	ROOF ELECTRICAL ACCESS-2X4 WATERPROOF FASCIA MOUNTED JUNCTION BOX PDI-5982-WH OUTDOOR ENTRANCE PANEL FOR (FUTURE USE) WEATHER-RESISTANT RECEPTACLES IN WATERPROOF ENCLOSURES TO BE INSTALLED ON GUARD RAILS BY EC
[REDACTED]	BERKO #BKOC2544K 4"-0" ELECTRIC BASEBOARD HEATER WITH THERMOSTAT

Project: **Milton High School Lower Field**
Milton, Massachusetts

Drawing Title: **Multi-Purpose Field Bleacher & Pressbox**

Revision: _____ Date: _____

Scale: AS NOTED Date: 10.22.21

Date: 10.22.21 Job: 00-107

File: PR-det Drawn: CCH Checked: --

PR-det of 7

L-7

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