# PORTSMOUTH HIGH SCHOOL SYNTHETIC TURF REPLACEMENT

50 ANDREW JARVIS DRIVE PORTSMOUTH, NH 03801

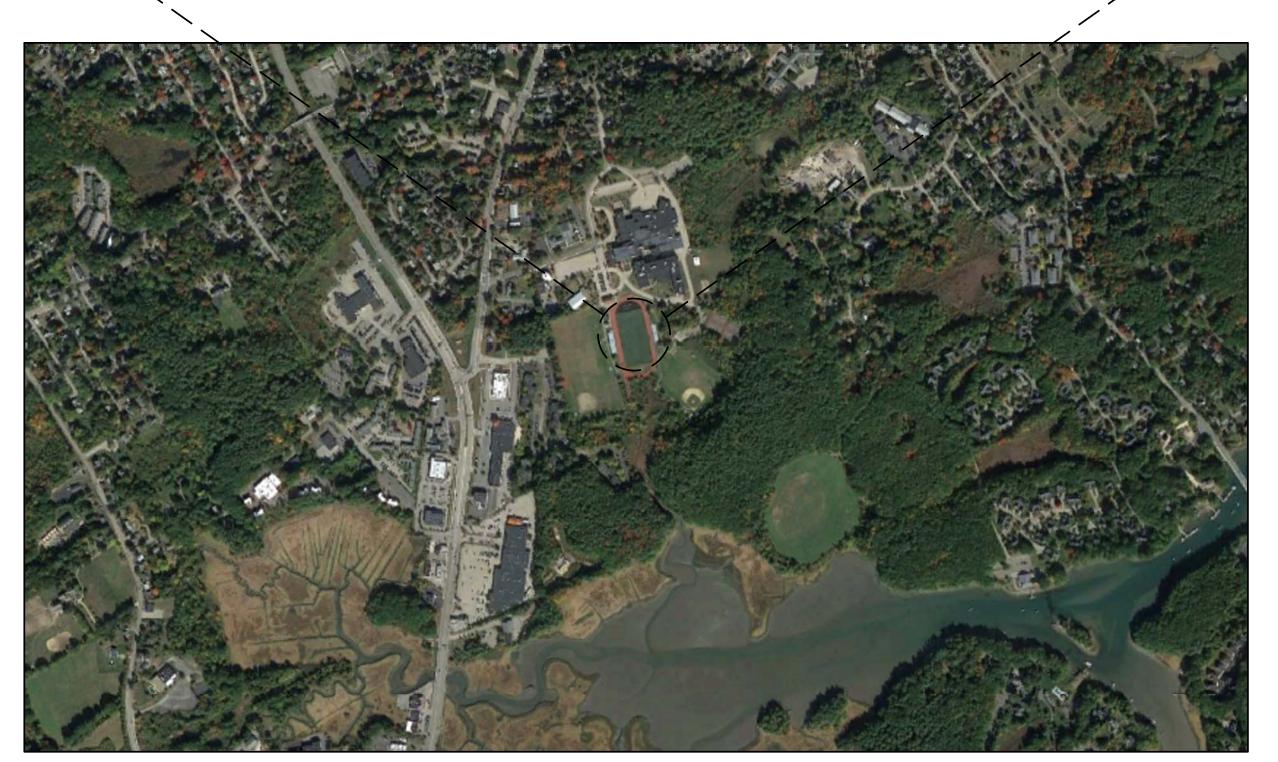
PREPARED FOR
CITY OF PORTSMOUTH
1 JUNKINS AVENUE
PORTSMOUTH, NH 03801

DRAWING NO	SHEET NO	TITLE
DRAWING NO G001 G002 C001 C002 C101	SHEET NO 1 OF 9 2 OF 9 3 OF 9 4 OF 9 5 OF 9	TITLE COVER SHEET NOTES AND LEGEND EXISTING CONDITIONS PLAN DEMOLITION & EROSION CONTROL PLAN LAYOUT & MATERIALS PLAN
C201 C501 C502	6 OF 9 7 OF 9 8 OF 9	GRADING & DRAINAGE PLAN DETAIL SHEET 1 OF 3 DETAIL SHEET 2 OF 3
C503	9 OF 9	DETAIL SHEET 3 OF 3



SITE MAP

NOT TO SCALE



LOCATION MAP

NOT TO SCALE



Gale Associates, Inc.

6 BEDFORD FARMS DRIVE | BEDFORD, 03110

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BID SET

SYNTHETIC TURF REPLACEMENT
PORTSMOUTH HIGH SCHOOL
50 ANDREW JARVIS DRIVE
PORTSMOUTH, NH 03801
1 JUNKINS AVENUE
1 JUNKINS AVENUE
PORTSMOUTH, NH 03801

NO. DATE DESCRIPTION BY
PROJECT NO. 718920
CADD FILE 718920\_G001
DESIGNED BY CEF

CADD FILE 718920\_G001

DESIGNED BY CEF

DRAWN BY CEF

CHECKED BY BDS

DATE 2/1/2023

DRAWING SCALE N.T.S.

GRAPHIC SCALE

SHEET TITLE

COVER SHEET

G001

1 OF 9

#### **DEMOLITION NOTES**

- 1. DEMOLITION TO COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- 2. THE OWNER MAY OCCUPY PORTIONS OF THE BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREAS. CONDUCT SELECTIVE DEMOLITION SO THAT OWNERS'S OPERATIONS WILL NOT BE DISRUPTED. PROVIDE NOT LESS THAN 72 HOURS NOTICE TO OWNER OF ACTIVITIES (IF ANY) THAT MAY AFFECT THEIR OPERATIONS.
- SURVEY THE CONDITION OF THE SITE TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN UNDESIRABLE DAMAGE OF ANY PORTION OF ADJACENT FACILITIES DURING SELECTIVE DEMOLITION.
- 4. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
- 5. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, PARKING LOTS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES.
- . CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS, FACILITIES, AND SITE IMPROVEMENTS TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND SELECTIVE DEMOLITION AREA.
- 7. USE WATER MIST AND OTHER SUITABLE METHODS TO LIMIT THE SPREAD OF DUST AND SOIL. COMPLY WITH GOVERNING ENVIRONMENTAL PROTECTION REGULATIONS.
- B. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
- 9. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, SOIL, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF SELECTIVE DEMOLITION.
- 10. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. CONTRACTOR TO BE RESPONSIBLE FOR ANY CUTTING AND PATCHING THAT IS REQUIRED.
- 1. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE.
- 12. BURNING MATERIALS ON SITE IS PROHIBITED
- TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM, IF NOT DESIGNATED TO BE SALVAGED BY THE OWNER OR REUSED.
- 14. IN AREAS WHERE BITUMINOUS CONCRETE IS TO BE REMOVED, THE EDGE OF ANY BITUMINOUS CONCRETE TO REMAIN MUST BE A CLEAN SAW-CUT EDGE.
- 15. THE CONTRACTOR SHALL STOCKPILE EXISTING LOAM TO BE REUSED IN PROPOSED LOAM AND SEED AREAS.

#### **EROSION CONTROL NOTES**

- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STATE REGULATIONS AND ALL MUNICIPAL REGULATIONS AND PERMIT CONDITIONS.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
- 3. STOCKPILES SHALL BE SURROUNDED ON THEIR PERIMETERS WITH STAKED SILTATION FENCES TO PREVENT AND/OR CONTROL SILTATION AND EROSION. OTHERWISE SPOIL MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND DISPOSED OF LEGALLY AND IN CONFORMANCE TO ALL MUNICIPAL REGULATIONS. NO STOCKPILING SHALL OCCUR WITHIN THE 100-FOOT WETLAND BUFFER.
- 4. ALL EROSION CONTROL MEASURES SHALL BE ROUTINELY INSPECTED, CLEANED AND REPAIRED OR REPLACED AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. IN ADDITION, INSPECTION SHALL TAKE PLACE AFTER EACH RAINFALL EVENT AND BEFORE FORECASTED RAIN.
- 5. ALL SEDIMENTS MUST BE REMOVED PRIOR TO REACHING THE EXISTING DRAINAGE SYSTEMS AND/OR ANY ENVIRONMENTAL RESOURCE AREAS.
- 6. THE CONTRACTOR SHALL KEEP ON SITE AT ALL TIMES EXTRA SILTATION FENCING FOR INSTALLATION AT THE DIRECTION OF THE ENGINEER OR THE OWNER TO MITIGATE ANY EMERGENCY CONDITION.
- 7. THE AREA OR AREAS OF ENTRANCE AND EXIT TO AND FROM THE SITE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED OUTSIDE OF CONSTRUCTION AREA MUST BE REMOVED IMMEDIATELY.
- 8. SEDIMENT AND EROSION CONTROL DEVICES MAY BE ADDED OR REDUCED IN THE FIELD AS DIRECTED BY THE OWNER/ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE FOR REESTABLISHING ANY SEDIMENT AND EROSION CONTROL DEVICES WHICH THEY DISTURB. THE CONTRACTOR SHALL NOTIFY THE OWNER/ENGINEER OF ANY DEFICIENCIES IN THE ESTABLISHED SEDIMENT AND EROSION CONTROL MEASURES WHICH MAY LEAD TO UNAUTHORIZED DISCHARGE OR STORM WATER POLLUTION, SEDIMENTATION OR OTHER POLLUTANTS. UNAUTHORIZED POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO, EXCESS CONCRETE DUMPING OR CONCRETE RESIDUE, POINTS, SOLVENTS, GREASES, FUEL AND LUBE OIL, PESTICIDES, AND SOLID WASTE MATERIALS.

#### GRADING NOTES

- ALL GRADING SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL BUILDING AND ACCESSIBILITY CODES. IN GENERAL, GRADING OF SIDEWALKS SHALL NOT EXCEED 2.0% CROSS SLOPE AND 5.0% RUNNING SLOPE, GRADING OF ADA PARKING STALLS AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ANY DIRECTION AND GRADING OF PLAZA AND GATHERING AREAS SHALL NOT EXCEED 2.0% IN ANY DIRECTION. GRADING ON SIDEWALK CURB RAMPS AND OTHER ACCESSIBLE RAMPS SHALL NOT EXCEED 8.0%. ALL AREAS SHALL PROVIDE POSITIVE DRAINAGE AS TO NOT POOL WATER, MINIMUM SLOPES SHALL BE 1.0% UNLESS OTHERWISE NOTED.
- 2. ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.
- 3. GRADING SHALL BE PERFORMED TO ALLOW WATER TO FLOW AWAY FROM BUILDING STRUCTURES, AND TO NOT ALLOW PUDDLING OF WATER ON SITE.
- 4. MINOR ADJUSTMENTS TO FINISH GRADE TO ACCOMPLISH DRAINAGE FLOW ARE ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF ENGINEER.
- 5. NEW PAVEMENT SHALL BE FLUSH AT ANY JUNCTURE WITH EXISTING PAVEMENT.
- 6. ALL EXCAVATIONS SHOULD BE STABILIZED BY CUTTING BACK SIDE SLOPES OR USING SHORING AND BRACING AS REQUIRED. ALL EXCAVATION AND SHORING SHALL BE DONE IN ACCORDANCE WITH OSHA STANDARDS.
- ANY DEWATERING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. DISCHARGE OF SILTY OR TURBID WATER INTO DRAINAGE SYSTEM OR ANY BODY OF WATER, WETLAND OR RESOURCE AREA IS PROHIBITED.

#### **GENERAL NOTES**

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK. EXISTING CONTROL POINTS AND BENCHMARKS HAVE BEEN PROVIDED ON THE EXISTING CONDITIONS PLANS. ADDITIONAL CONTROL POINTS SHALL BE ESTABLISHED AND MAINTAINED BY THE CONTRACTOR.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, AND MUNICIPAL STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE MUNICIPAL STANDARDS AND REGULATIONS FOR USE ON THIS PROJECT.
- 3. BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGNS SHALL CONFORM TO ALL STATE AND LOCAL REGULATIONS. AREAS ADJACENT TO THE PROJECT SITE MAY BE IN USE DURING CONSTRUCTION. THE CONTRACTOR WILL PROVIDE ADEQUATE CONSTRUCTION FENCING DURING EACH PHASE OF THE PROJECT TO FULLY SECURE THE PROPOSED SITE. THE FENCING MAY NEED ADJUSTMENT AT VARIOUS TIMES WITHOUT CONTRACT MODIFICATION.
- 4. THE GENERAL CONTRACTOR SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
- 5. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS AND/OR CONNECTION FEES REQUIRED.
- 6. GENERAL CONTRACTOR SHALL COORDINATE WITH OTHER TRADES AS APPLICABLE INCLUDING BUT NOT LIMITED TO ELECTRICAL, LIGHTING, AND GAS. THE CONTRACTOR ACKNOWLEDGES THAT ANOTHER CONTRACTOR MAY BE UNDER A SEPARATE CONTRACT. THE CONTRACTOR WILL COORDINATE HIS EFFORTS IN GOOD FAITH, AND WORK IN HARMONY WITH THE OTHER CONTRACTOR. ADDITIONAL COMPENSATION WILL NOT BE APPROVED FOR CONFLICTS BETWEEN CONTRACTORS.
- 7. SUBSTITUTIONS AND APPROVAL OF "OR-EQUAL" PRODUCTS IN PLACE OF THOSE SPECIFIED WILL NOT BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER OR ENGINEER.

#### GENERAL UTILITY NOTES

- 1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORD PLANS AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
- 2. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- 3. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
- 4. TRENCH EXCAVATIONS SHALL BE IN ACCORDANCE WITH PROVISIONS OF OSHA PART 1926, SUBPART P
  -'EXCAVATIONS, TRENCHES AND SHORING OF THE OCCUPATIONAL SAFETY AND HEALTH'S STANDARDS AND
  NECESSARY TRENCH SAFETY PLANS TO THE ENGINEER AND MUNICIPAL FOR REVIEW PRIOR TO COMMENCING
  CONSTRUCTION.
- 5. CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
- 6. THE CONTRACTOR SHALL ADJUST ALL UTILITY CASTINGS TO BE FLUSH WITH PROPOSED GRADE UNLESS OTHERWISE INDICATED ON PLAN.



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SYNTHETIC TURF REPLACEMENT
PORTSMOUTH HIGH SCHOOL
50 ANDREW JARVIS DRIVE
PORTSMOUTH, NH 03801

CITY OF PORTSMOUTH
1 JUNKINS AVENUE

NO. DATE DESCRIPTION

PROJECT NO. 718920

CADD FILE 718920\_G001

DESIGNED BY CEF

DRAWN BY CEF

CHECKED BY BDS

DATE 2/1/2023

DRAWING SCALE N.T.S.

SHEET TITLE

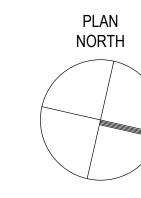
GRAPHIC SCALE

NOTES AND LEGEND

G002

2 OF 9

DRAWING NO.





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CITY OF PORTSMOUTH
1 JUNKINS AVENUE
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NO. DATE DESCRIPTION BY
PROJECT NO. 718920

CADD FILE 718920\_C001

DESIGNED BY RDT

DRAWN BY RDT

CHECKED BY BDS

DATE 2/1/2023

DRAWING SCALE 1" = 30'

GRAPHIC SCALE

30' 60'

SHEET TITLE

EXISTING CONDITIONS PLAN

C001

3 OF 9

DRAWING NO.

----14 --- ELEVATION CONTOUR

EXISTING CONDITIONS LEGEND

BITUMINOUS CONCRETE

— EDGE OF BITUMINOUS CONCRETE

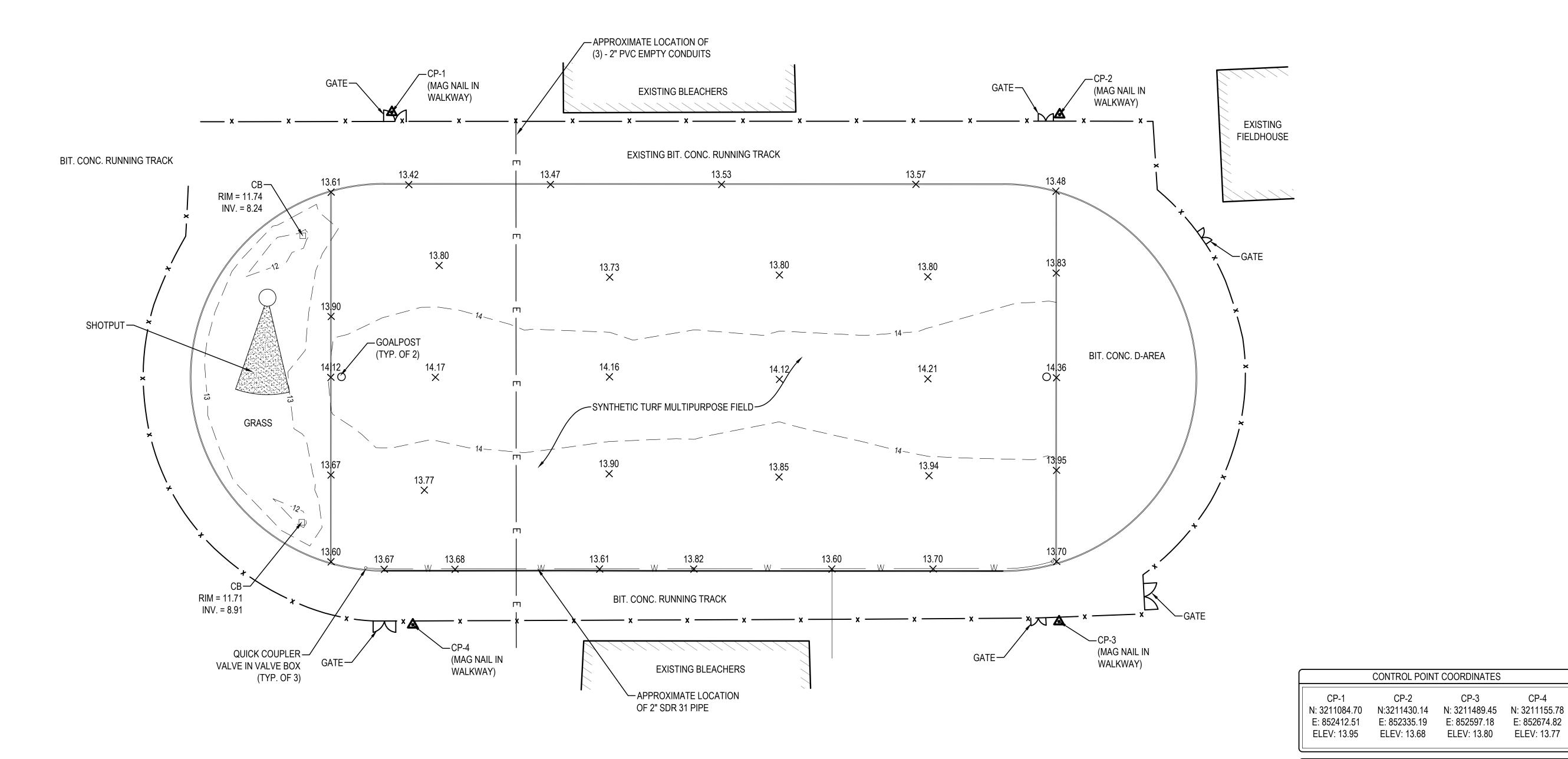
BUILDING/STRUCTURE

— × — CHAIN LINK FENCE

CATCH BASIN

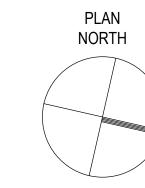
CONTROL POINT (CP)

SPOT ELEVATION



## **EXISTING CONDITIONS NOTES:**

- ALL EXISTING UTILITY LOCATIONS ARE APPROXIMATE. LOCATIONS SHOWN ARE FROM FIELD OBSERVATION OR RECORD PLANS. OTHER UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THIS PLAN.
- 2. EXISTING CONDITIONS WERE TAKEN FROM DESIGN PLANS TITLED "ATHLETIC FIELD RENOVATION PROJECT" PREPARED BY GALE ASSOCIATES, INC. ON JULY 2, 2010. FIELD CONDITIONS AND ELEVATIONS WERE PARTIALLY FIELD VERIFIED BY GALE ON OCTOBER 1, 2022. NO PROPERTY LINES OR EASEMENTS HAVE BEEN LOCATED.
- 3. HORIZONTAL AND VERTICAL DATUM ARE BASED ON NAD83 AND NAVD88.





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DESCRIPTION NO. DATE PROJECT NO. 718920

CADD FILE 718920\_C002 **DESIGNED BY** CEF DRAWN BY CHECKED BY BDS 2/1/2023 DRAWING SCALE 1" = 30'

GRAPHIC SCALE

TRACK BRIDGING/PROTECTION

「」/ ーーー PROTECTED

STRUCTURE OR UTILITY LINE TO REMAIN AND BE

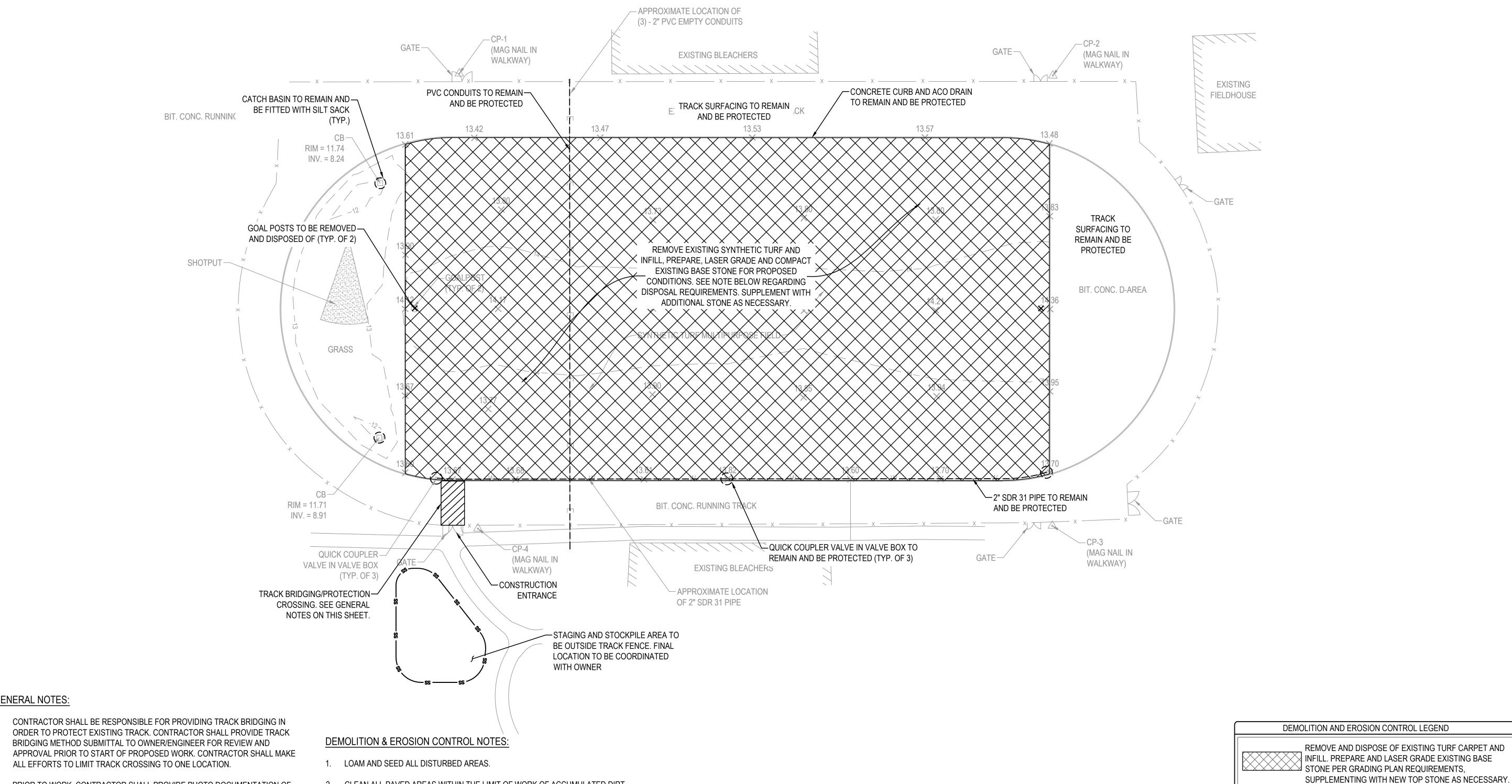
**DEMOLITION** 

SHEET TITLE

& EROSION CONTROL PLAN

DRAWING NO.

4 OF 9



DISPOSAL OF SYNTHETIC TURF SYSTEM:

FOR FURTHER DETAILS.

REMOVE SYNTHETIC TURF AND SEND TO A RECYCLING FACILITY SPECIFICALLY

EQUIPPED TO RECYCLE SYNTHETIC TURF. DESTINATION FACILITY ACCEPTANCE

RECEIPTS/INVOICES SHALL BE SUBMITTED TO THE OWNER. SEE SPECIFICATIONS

CLEAN ALL PAVED AREAS WITHIN THE LIMIT OF WORK OF ACCUMULATED DIRT

CONTRACTOR RESPONSIBLE FOR CLEANING ALL SILT AND DEBRIS FORM

4. CONTRACTOR TO PROVIDE AND INSTALL CONSTRUCTION FENCING WHERE

ROADWAYS CAUSED BY CONSTRUCTION ACTIVITIES.

AND DEBRIS.

NECESSARY.

**GENERAL NOTES:** 

APPROVAL.

PRIOR TO WORK, CONTRACTOR SHALL PROVIDE PHOTO DOCUMENTATION OF

LEVEL MEETING OR EXCEEDING EXISTING CONDITIONS, SUBJECT TO OWNER

CONTRACTOR TO COORDINATE LOCATION OF STABILIZED CONSTRUCTION

ENTRANCE WITH OWNER PRIOR TO START OF WORK.

THE EXISTING TRACK CONDITIONS TO THE OWNER/ENGINEER. THE CONTRACTOR

SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING TRACK TO A

PLAN NORTH



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NO. DATE DESCRIPTION PROJECT NO. 718920 CADD FILE 718920\_C101

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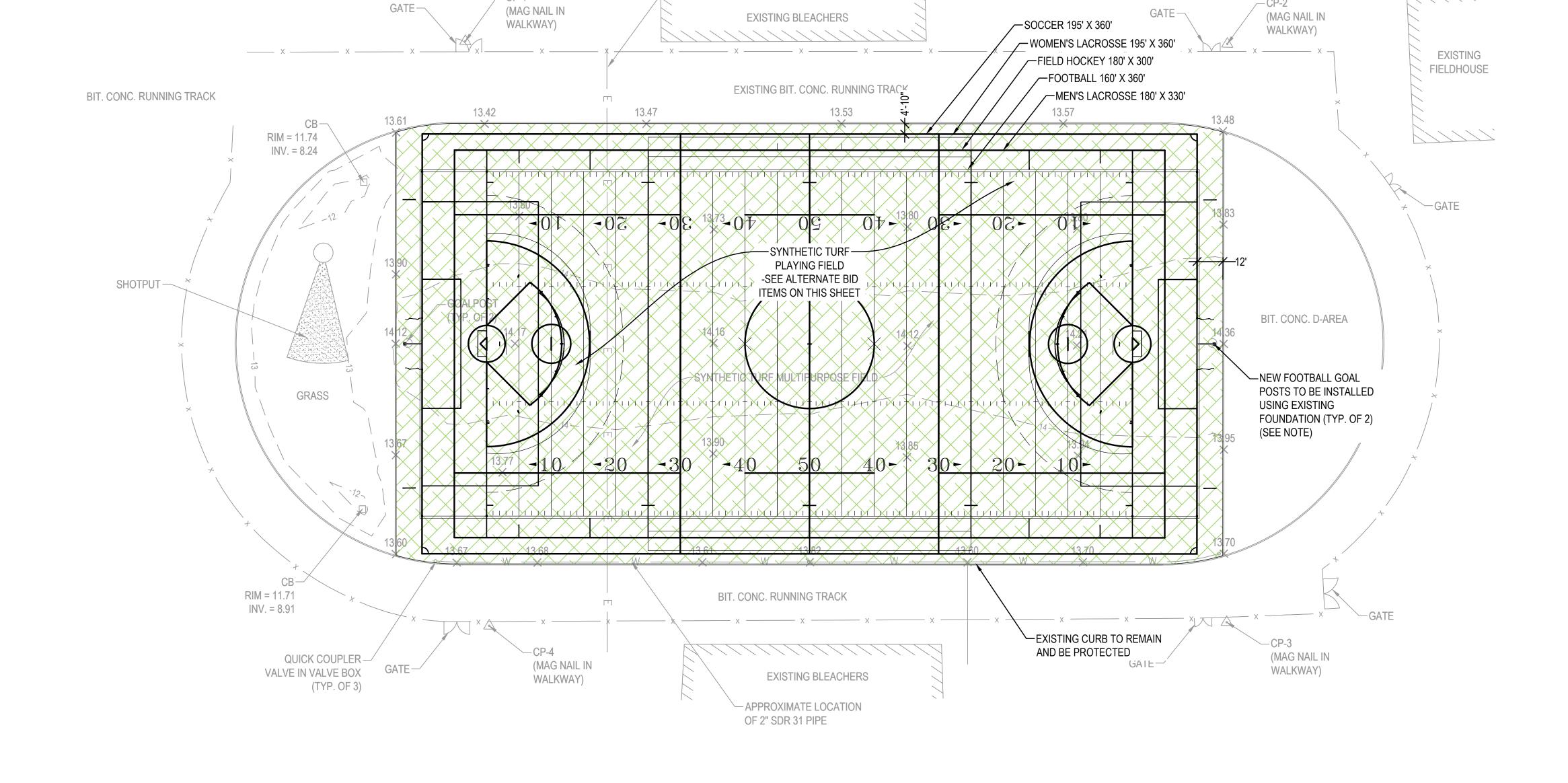
**GRAPHIC SCALE** 

SHEET TITLE

LAYOUT & MATERIALS PLAN

LAYOUT AND MATERIALS LEGEND SYNTHETIC TURF —— FIELD MARKINGS, TUFTED DRAWING NO. C101

5 OF 9



- APPROXIMATE LOCATION OF (3) - 2" PVC EMPTY CONDUITS

GOAL POST NOTE:

CONTRACTOR SHALL FIELD-VERIFY BASE TYPE/BOLT PATTERN (IF APPLICABLE) AND SUBMIT TO MANUFACTURER PRIOR TO SUBMITTING SHOP DRAWINGS (SEE SPECIFICATIONS). GOAL POST COLOR TO BE APPROVED BY OWNER.

## ALTERNATE BID ITEMS

ADD ALTERNATE #1: IN LIEU OF CRUMB RUBBER/SAND INFILL, CONTRACTOR SHALL PROVIDE A PERFORMANCE INFILL CONSISTING OF NATURAL MATERIAL/SAND AS MANUFACTURED BY GREENPLAY OR APPROVED EQUAL.

2. ADD ALTERNATE #2: IN LIEU OF CRUMB RUBBER/SAND INFILL, CONTRACTOR SHALL PROVIDE A SYNTHETIC TURF SYSTEM CONSISTING OF 1.75" DUAL-FIBER PILE HEIGHT WITH ACRYLIC-COATED SAND INFILL (ENVIROFILL) AS MANUFACTURED BY U.S. GREENTECH OR APPROVED EQUAL.

PLAN NORTH



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SYN PC 5

DESCRIPTION PROJECT NO. 718920

CADD FILE 718920\_C201 CEF DESIGNED BY DRAWN BY CHECKED BY BDS 2/1/2023 DRAWING SCALE 1" = 30'

GRAPHIC SCALE

GRADING & DRAINAGE LEGEND

SPOT ELEVATION

— PROPOSED CONTOUR

 $-\cdots-\cdots-$  HIGH POINT

PERCENT SLOPE AND DIRECTION

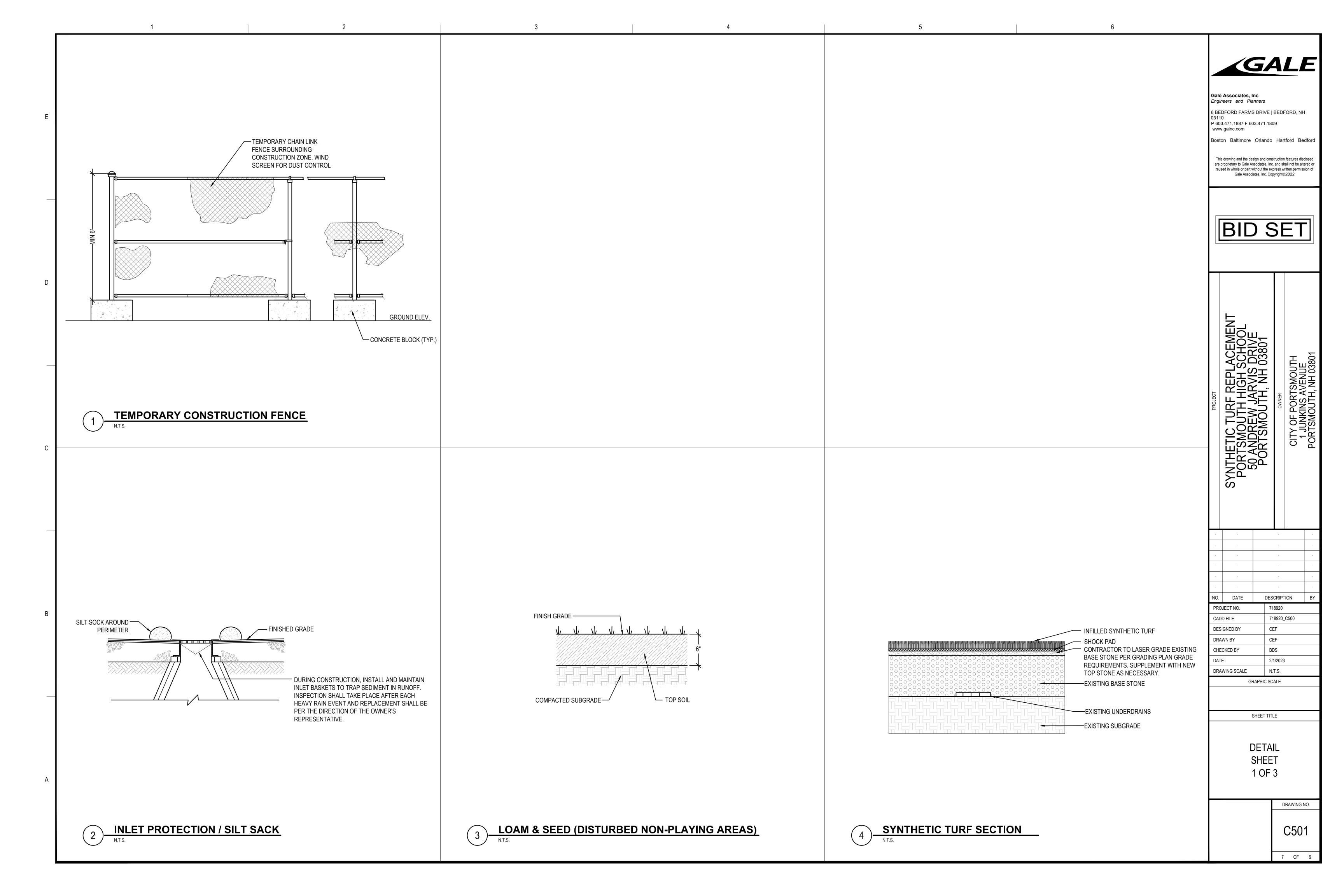
SHEET TITLE

GRADING & DRAINAGE PLAN

> DRAWING NO. C201

> > 6 OF 9

— APPROXIMATE LOCATION OF (3) - 2" PVC EMPTY CONDUITS (MAG NAIL IN (MAG NAIL IN **EXISTING BLEACHERS** WALKWAY) WALKWAY) **EXISTING** FIELDHOUSE MATCH EXISTING CURBING GRADES EXISTING BIT. CONC. RUNNING TRACK BIT. CONC. RUNNING TRACK 13.47 13.53 13.57 13.48 RIM = 11.74 INV. = 8.24 MATCH EXISTING +SHOTPUT — **CURBING GRADES** BIT. CONC. D-AREA 14.20 14.20 SYNTHETIC TURF MULTIPURPOSE FIELD MATCH EXISTING GRASS **CURBING GRADES** RIM = 11.71BIT. CONC. RUNNING TRACK MATCH EXISTING— INV. = 8.91CURBING GRADES — CP-4 QUICK COUPLER — (MAG NAIL IN (MAG NAIL IN WALKWAY) VALVE IN VALVE BOX **EXISTING BLEACHERS** WALKWAY) (TYP. OF 3) - APPROXIMATE LOCATION OF 2" SDR 31 PIPE



\_\_LASER GRADE STONE SUCH THAT THE CONTRACTOR TO LASER GRADE SHOCKPAD TERMINATES AT THE EXISTING EXISTING BASE STONE PER GRADING CURB AND THE TOP OF THE SHOCKPAD IS PLAN GRADE REQUIREMENTS. FLUSH WITH THE CURB SHELF SUPPLEMENT WITH NEW TOP STONE AS NECESSARY. € FIELD — PROPOSED SYNTHETIC TURF SURFACE PER SPECIFICATION -CONTRACTOR TO PREPARE EXISTING TOP OF INFILL BASE STONE WITH CARE TO PREVENT / PROPOSED SHOCKPAD SMEARING, SHATTERING, OR EXISTING CONCRETE — CONTAMINATION. **CURB TO REMAIN** SLOPE PER GRADING PLAN ----SLOPE PER GRADING PLAN EXISTING BASE STONE EXISTING BASE STONE TO REMAIN TO REMAIN EXISTING 12" FLAT— PANEL DRAIN TO REMAIN - EXISTING COLLECTOR PIPE TO REMAIN

9 YDS TO SIDELINE

- 1. THE CONTRACTOR SHALL IN-LAY MARKINGS ON THE FIELD, 4-INCHES FROM EACH SIDELINE, YARD-LINE EXTENSIONS (HASH MARKS) THAT SHOULD BE 2-FEET IN LENGTH AND 4-INCHES IN WIDTH.
- 2. THE CONTRACTOR SHALL IN-LAY NUMERALS, WHICH SHALL BE 6-FEET IN HEIGHT AND-4 FEET IN WIDTH, & DIRECTIONAL ARROWS AT THE 10, 20, 30, 40 AND 50 YARD LINES.
- 3. THE TOPS OF THE NUMBERS SHOULD BE 9-YARDS FROM THE SIDELINE.
- 4. CONTRACTOR SHALL IN-LAY DIRECTIONAL ARROWS NEXT TO THE YARD-LINE NUMBERS INDICATING THE DIRECTION TOWARD THE NEAREST GOAL LINE.

ALL PROPOSED STRIPING SHALL BE IN ACCORDANCE WITH THE STANDARDS OF THE AMERICAN SPORTS BUILDERS ASSOCIATION (ASBA) AND THE NEW HAMPSHIRE INTERSCHOLASTIC ATHLETIC ASSOCIATION (NHIAA)

YARD-LINE NUMBERING DETAIL

0|8 - 1 -510 53'4" 23.33' + + 9' 53'4" 53'4" 50 3|0 - | **-3**0 APPROX. 16' SAFETY ZONE - COACHES' BOX -1' BORDER, ALL OTHER STRIPING TO BE 4" WIDE PERIMETER SHOWN FOR INFORMATIONAL— PURPOSES ONLY

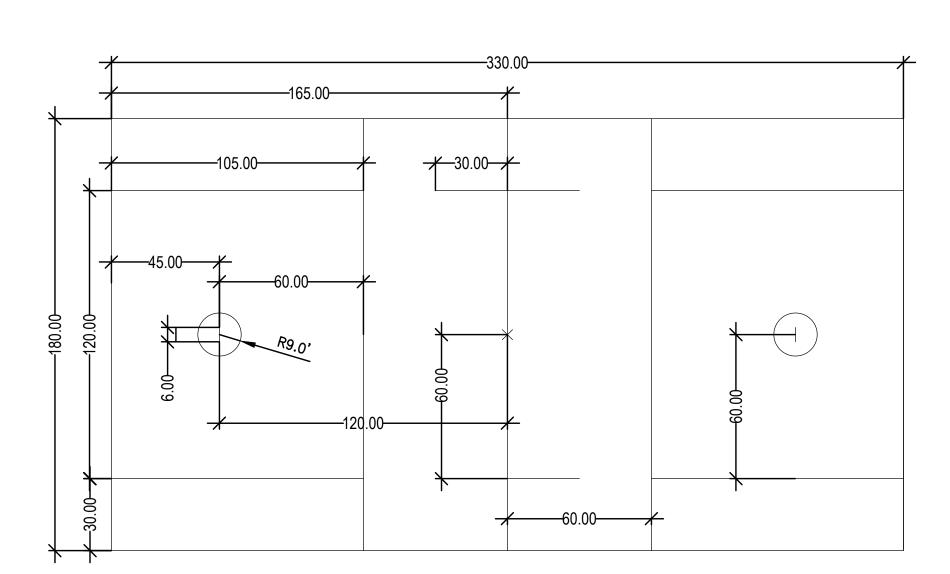
NOTE:

3 FOOTBALL STRIPING DETAIL
N.T.S.

SECTION THROUGH FIELD

- 1. ALL STRIPING TO ADHERE TO ASBA AND NHIAA STANDARDS.
- 2. ALL LINES AND MARKINGS TO BE INLAID.
- 3. FINAL COLORS SUBJECT TO APPROVAL BY OWNER.

MEN'S LACROSSE STRIPING DETAIL



# NOTE:

- 1. ALL STRIPING TO ADHERE TO ASBA AND NHIAA STANDARDS.
- 2. FIELD LINES AND MARKINGS TO BE INLAID.
- 3. FINAL COLORS SUBJECT TO APPROVAL BY OWNER.



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DESCRIPTION NO. DATE PROJECT NO. 718920 718920\_C500

CADD FILE **DESIGNED BY** CEF DRAWN BY CHECKED BY BDS 2/1/2023 DRAWING SCALE N.T.S. GRAPHIC SCALE

SHEET TITLE

DETAIL

SHEET 2 OF 3

C502

DRAWING NO.

8 OF 9

3 RADIUS

CENTER OF
FIELD

RSS

195

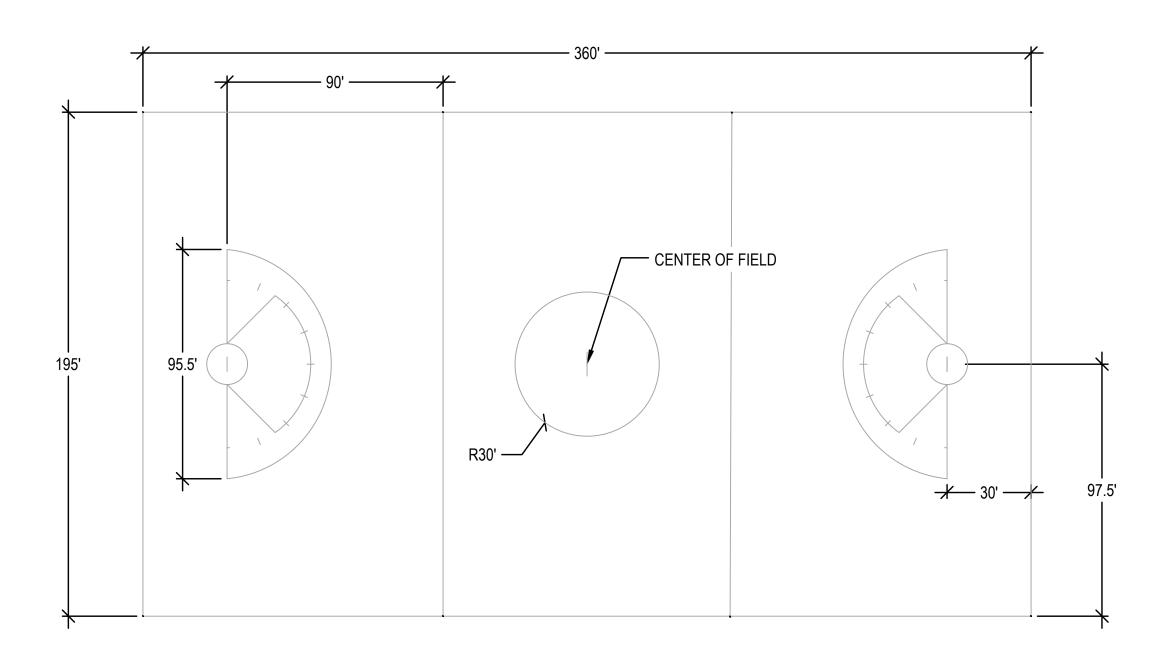
NOTE:

1. ALL STRIPING TO ADHERE TO ASBA AND NHIAA STANDARDS.

2. FIELD LINES AND MARKINGS TO BE INLAID.

3. FINAL COLORS SUBJECT TO APPROVAL BY OWNER.

# 1 SOCCER STRIPING DETAIL

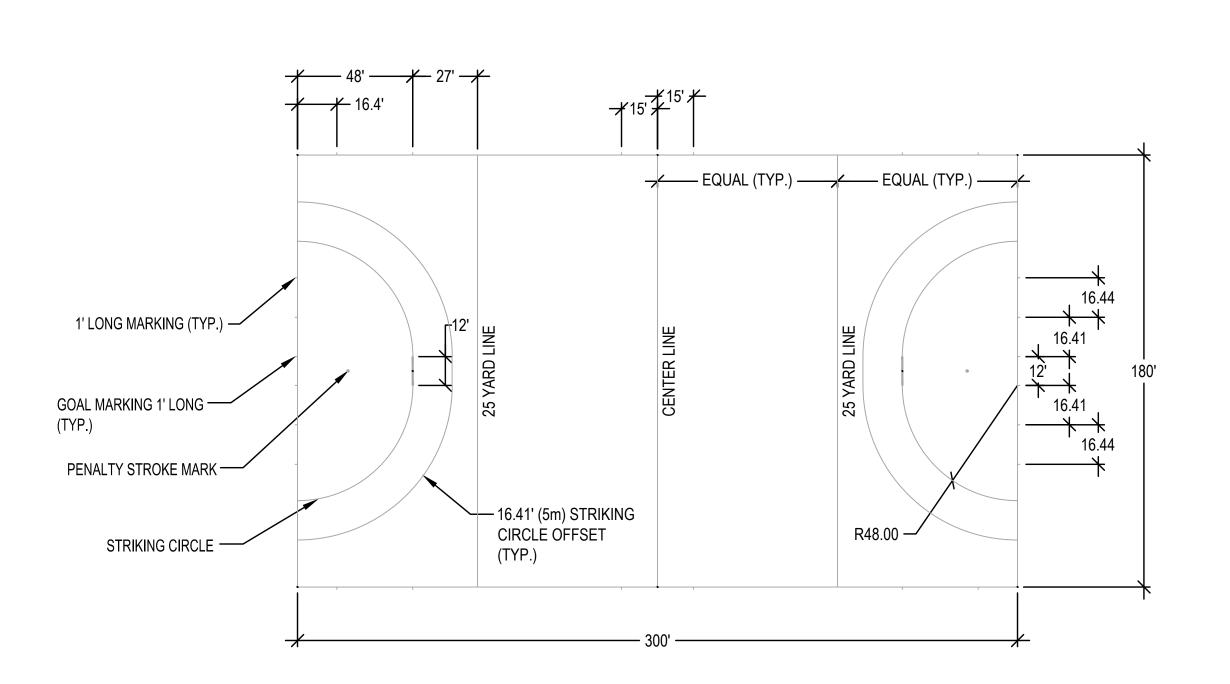


## NOTE:

- 1. ALL STRIPING TO ADHERE TO ASBA AND NHIAA STANDARDS.
- 2. FIELD LINES AND MARKINGS TO BE INLAID.
- 3. FINAL COLORS SUBJECT TO APPROVAL BY OWNER.

WOMEN'S LACROSSE STRIPING DETAIL

N.T.S.



## NOTE:

- 1. ALL STRIPING TO ADHERE TO ASBA AND NHIAA STANDARDS.
- 2. FIELD LINES AND MARKINGS TO BE INLAID.
- 3. FINAL COLORS SUBJECT TO APPROVAL BY OWNER.

FIELD HOCKEY STRIPING DETAIL

N.T.S.



# Gale Associates, Inc. Engineers and Planners

www.gainc.com

6 BEDFORD FARMS DRIVE | BEDFORD, NH 03110 P 603.471.1887 F 603.471.1809

Boston Baltimore Orlando Hartford Bedford

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SYNTHETIC TURF REPLACEMENT
PORTSMOUTH HIGH SCHOOL
50 ANDREW JARVIS DRIVE
PORTSMOUTH, NH 03801
1 JUNKINS AVENUE
1 JUNKINS AVENUE
PORTSMOUTH, NH 03801

	DATE	DESCRIPTION	Е
0	JECT NO.	718920	
וח	D FII F	718920 C500	

PROJECT NO.	718920
CADD FILE	718920_C500
DESIGNED BY	CEF
DRAWN BY	CEF
CHECKED BY	BDS
DATE	2/1/2023
DRAWING SCALE	N.T.S.

GRAPHIC SCALE

SHEET TITLE

DETAIL SHEET 3 OF 3

C503

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