



Northern Essex Community College

PROJECT NAME:  
**NECC ATHLETIC FIELD RENOVATIONS**

PROJECT NUMBER:  
**P0033625**

CLIENT:  
**NORTHERN ESSEX COMMUNITY COLLEGE**

PHASE/ISSUE:  
**DESIGN DEVELOPMENT**

ISSUE LOG:  
Date: Issue  
02/26/2025 DESIGN DEVELOPMENT (NOI SUBMISSION)

No.	Date	Revision

CONSULTANT:  
**HUNTRESS Sports**  
Landscape Architects & Planners  
17 Tewksbury Street  
Andover, MA 01810

**Brennan Consulting**  
ENGINEERING • TRANSPORTATION • SURVEYING

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978.744.5200  
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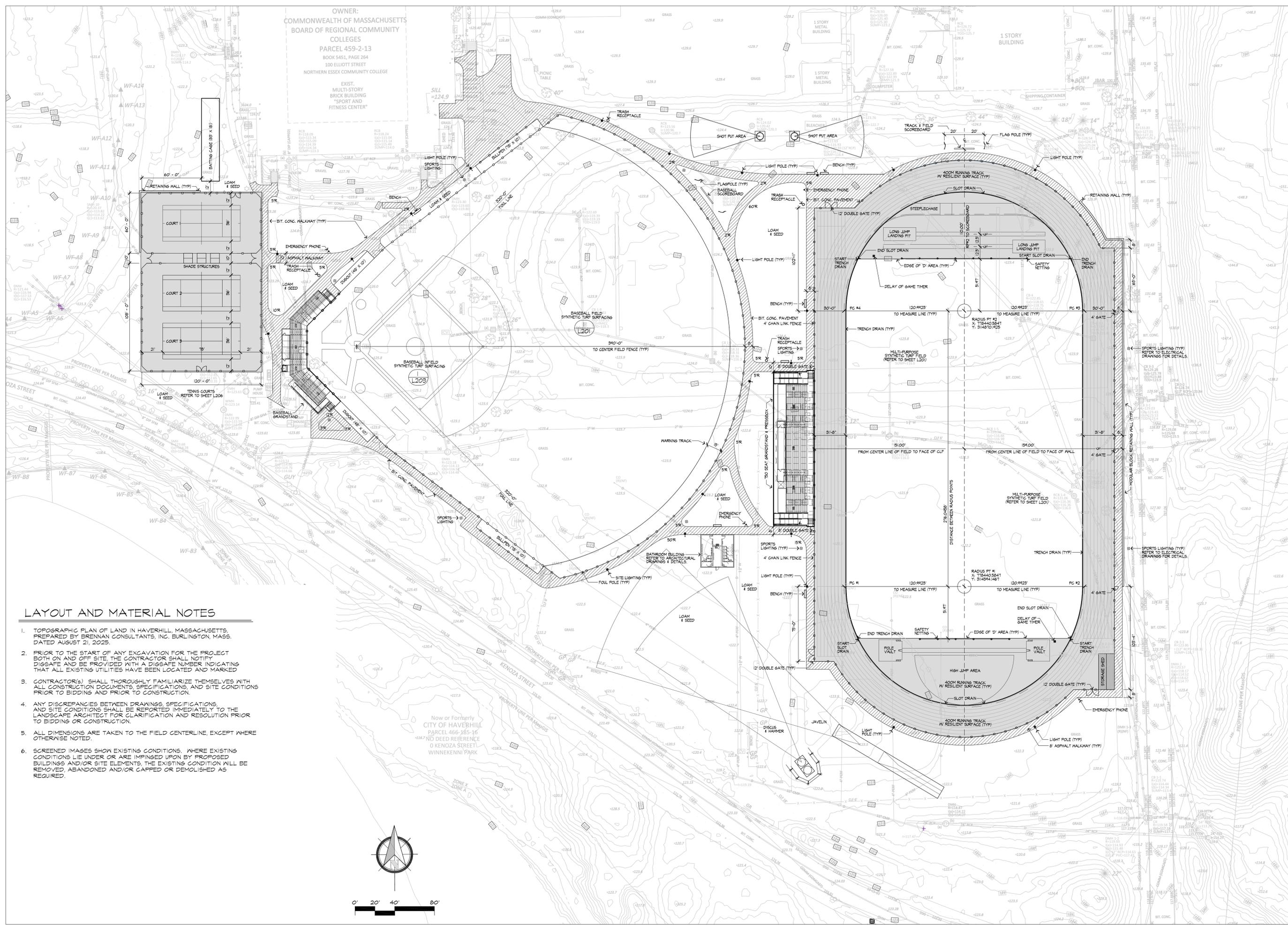
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**NOT FOR CONSTRUCTION**



DATE:  
02/26/2026  
JA PROJECT NUMBER: 2518  
SCALE: 1" = 40'

DRAWING TITLE:  
**LAYOUT & MATERIALS PLAN**

**L101**



OWNER:  
COMMONWEALTH OF MASSACHUSETTS  
BOARD OF REGIONAL COMMUNITY COLLEGES  
PARCEL 459-2-13  
BOOK 5451, PAGE 264  
100 ELLIOTT STREET  
NORTHERN ESSEX COMMUNITY COLLEGE

EXIST. MULTI-STORY BRICK BUILDING "SPORT AND FITNESS CENTER"

Now or Formerly CITY OF HAVERHILL  
PARCEL 466-185-16  
NO DEED REFERENCE  
O KENOZA STREET  
WINNEKENNI PARK

**LAYOUT AND MATERIAL NOTES**

1. TOPOGRAPHIC PLAN OF LAND IN HAVERHILL, MASSACHUSETTS, PREPARED BY BRENNAN CONSULTANTS, INC. BURLINGTON, MASS. DATED AUGUST 21, 2025.
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 SHOWN EXISTING CONDITIONS. WHERE EXISTING CONDITIONS LIE UNDER OR ARE IMPROVED UPON BY PROPOSED BUILDINGS AND/OR SITE ELEMENTS, THE EXISTING CONDITION WILL BE REMOVED, ABANDONED AND/OR CAPPED OR DEMOLISHED AS REQUIRED.





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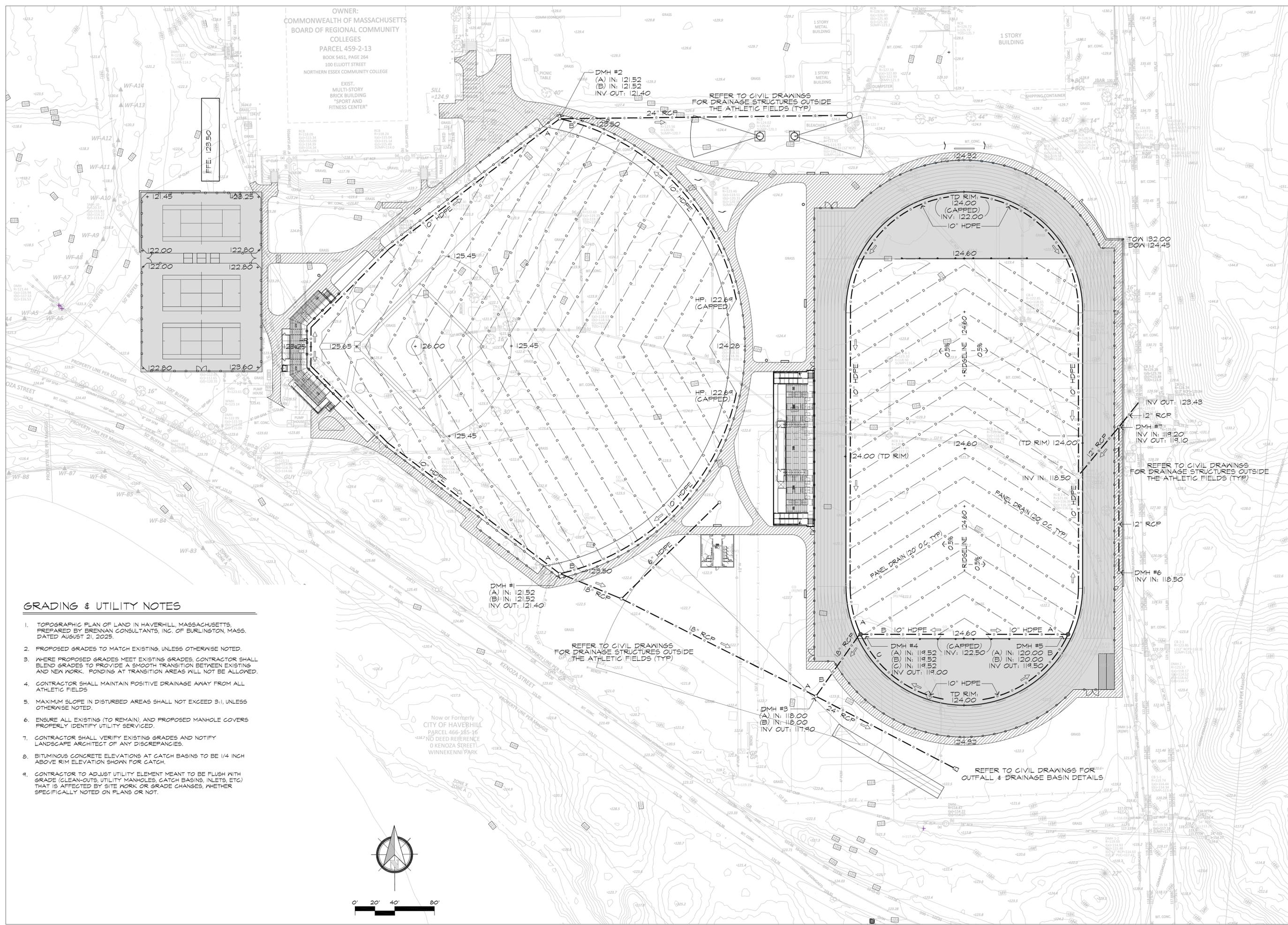
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DATE:  
02/26/2026  
JA PROJECT NUMBER: 2518 SCALE: 1" = 40'

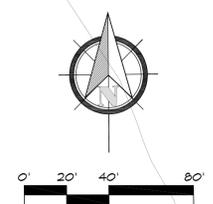
DRAWING TITLE:  
**ATHLETIC FIELD  
DRAINAGE PLAN**

**L102**



**GRADING & UTILITY NOTES**

1. TOPOGRAPHIC PLAN OF LAND IN HAVERHILL, MASSACHUSETTS, PREPARED BY BRENNAN CONSULTANTS, INC. OF BURLINGTON, MASS. DATED AUGUST 21, 2025.
2. PROPOSED GRADES TO MATCH EXISTING, UNLESS OTHERWISE NOTED.
3. WHERE PROPOSED GRADES MEET EXISTING GRADES, CONTRACTOR SHALL BLEND GRADES TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING AND NEW WORK. FONDING AT TRANSITION AREAS WILL NOT BE ALLOWED.
4. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL ATHLETIC FIELDS.
5. MAXIMUM SLOPE IN DISTURBED AREAS SHALL NOT EXCEED 3:1, UNLESS OTHERWISE NOTED.
6. ENSURE ALL EXISTING (TO REMAIN), AND PROPOSED MANHOLE COVERS PROPERLY IDENTIFY UTILITY SERVICED.
7. CONTRACTOR SHALL VERIFY EXISTING GRADES AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
8. BITUMINOUS CONCRETE ELEVATIONS AT CATCH BASINS TO BE 1/4 INCH ABOVE RIM ELEVATION SHOWN FOR CATCH.
9. 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.



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COMMONWEALTH OF MASSACHUSETTS  
BOARD OF REGIONAL COMMUNITY  
COLLEGES  
PARCEL 459-2-13  
BOOK 5451, PAGE 264  
100 ELLIOTT STREET  
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EXIST.  
MULTI-STORY  
BRICK BUILDING  
"SPORT AND  
FITNESS CENTER"

DMH #2  
(A) IN: 121.52  
(B) IN: 121.52  
INV OUT: 121.40

REFER TO CIVIL DRAWINGS  
FOR DRAINAGE STRUCTURES OUTSIDE  
THE ATHLETIC FIELDS (TYP)

TD RIM:  
124.00  
(CAPPED)  
INV: 122.00  
10" HDPE

TOW: 132.00  
BOW: 124.45

HP: 122.69  
(CAPPED)

HP: 122.69  
(CAPPED)

INV OUT: 123.43  
12" RCP  
DMH #1  
INV IN: 119.20  
INV OUT: 119.10

REFER TO CIVIL DRAWINGS  
FOR DRAINAGE STRUCTURES OUTSIDE  
THE ATHLETIC FIELDS (TYP)

DMH #1  
(A) IN: 121.52  
(B) IN: 121.52  
INV OUT: 121.40

REFER TO CIVIL DRAWINGS  
FOR DRAINAGE STRUCTURES OUTSIDE  
THE ATHLETIC FIELDS (TYP)

DMH #3  
(A) IN: 118.00  
(B) IN: 118.00  
INV OUT: 117.90

REFER TO CIVIL DRAWINGS FOR  
OUTFALL & DRAINAGE BASIN DETAILS

DMH #4 (CAPPED)  
(A) IN: 119.52 INV: 122.50  
(B) IN: 119.52 INV: 120.00  
(C) IN: 119.52 INV: 119.00

DMH #5  
(A) IN: 120.00 INV: 119.50  
(B) IN: 120.00 INV: 119.50

Now or Formerly  
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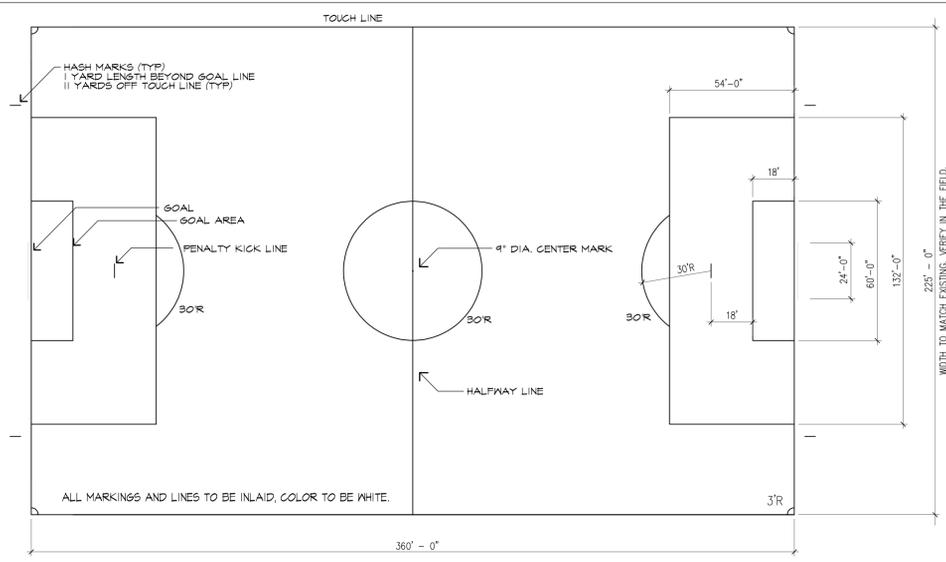


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02/26/2026

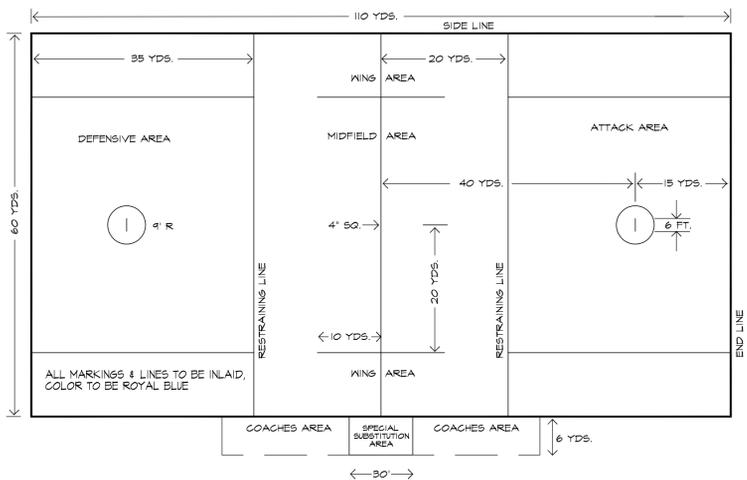
JA PROJECT NUMBER: 2518 SCALE: 1" = 30'

DRAWING TITLE:  
**TRACK & FIELD ENLARGEMENT**

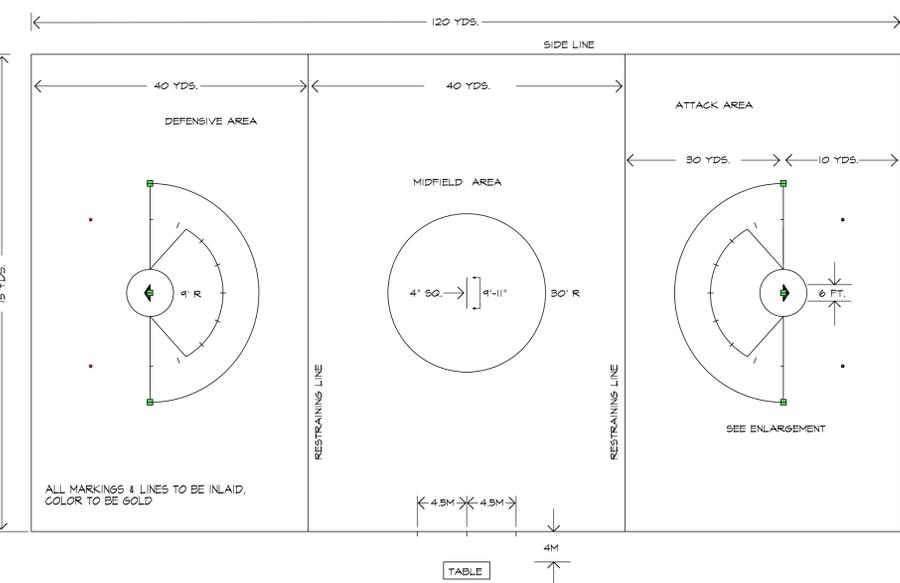
**L103**



**1 SOCCER FIELD LAYOUT**  
SCALE: 1" = 40'



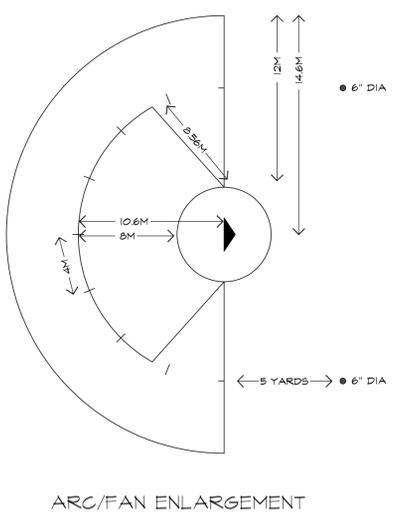
**2 MEN'S LACROSSE FIELD LAYOUT**  
SCALE: 1" = 40'



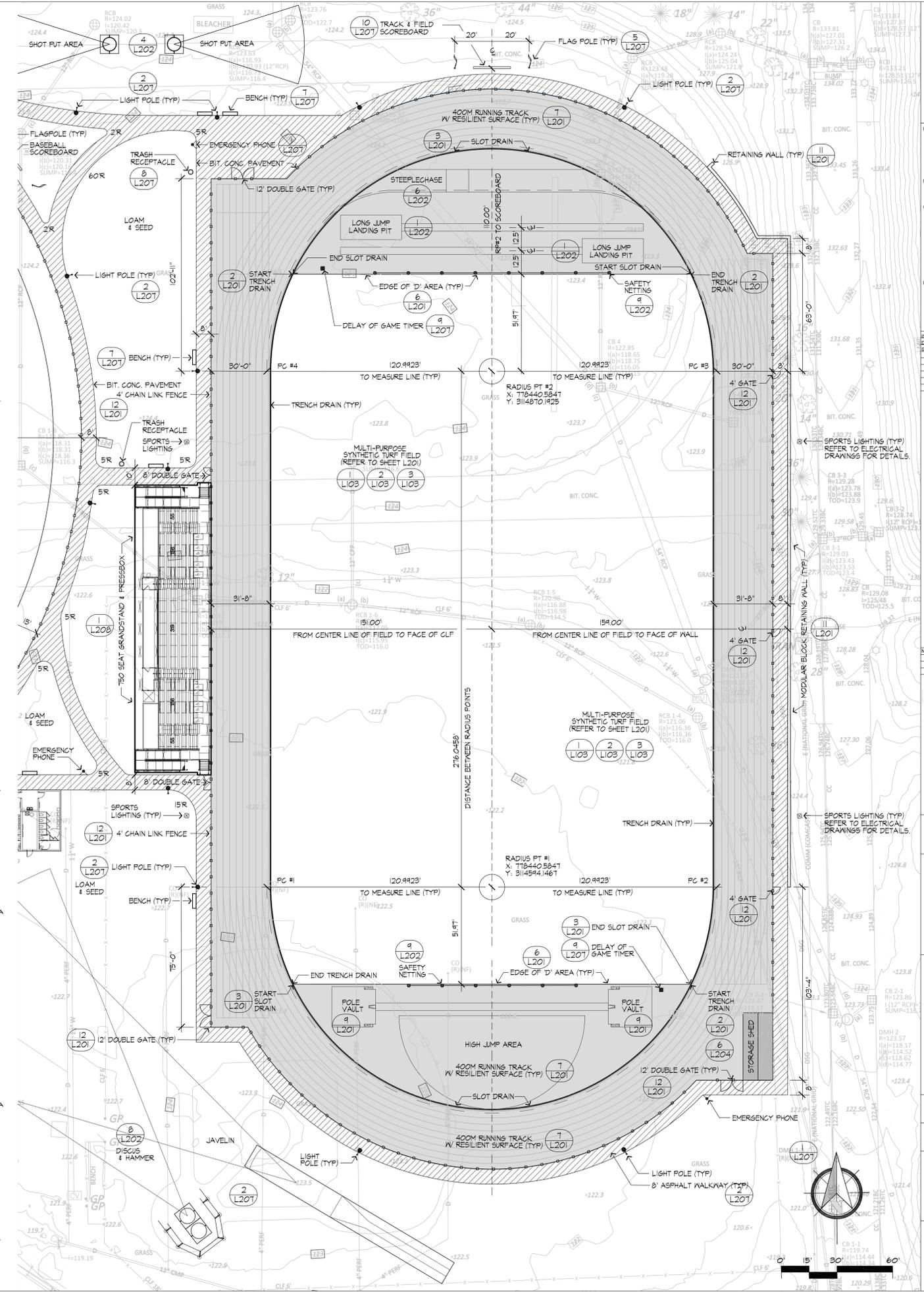
**3 WOMEN'S LACROSSE FIELD**  
SCALE: 1" = 40'



**CENTER FIELD LOGO**



**ARC/FAN ENLARGEMENT**







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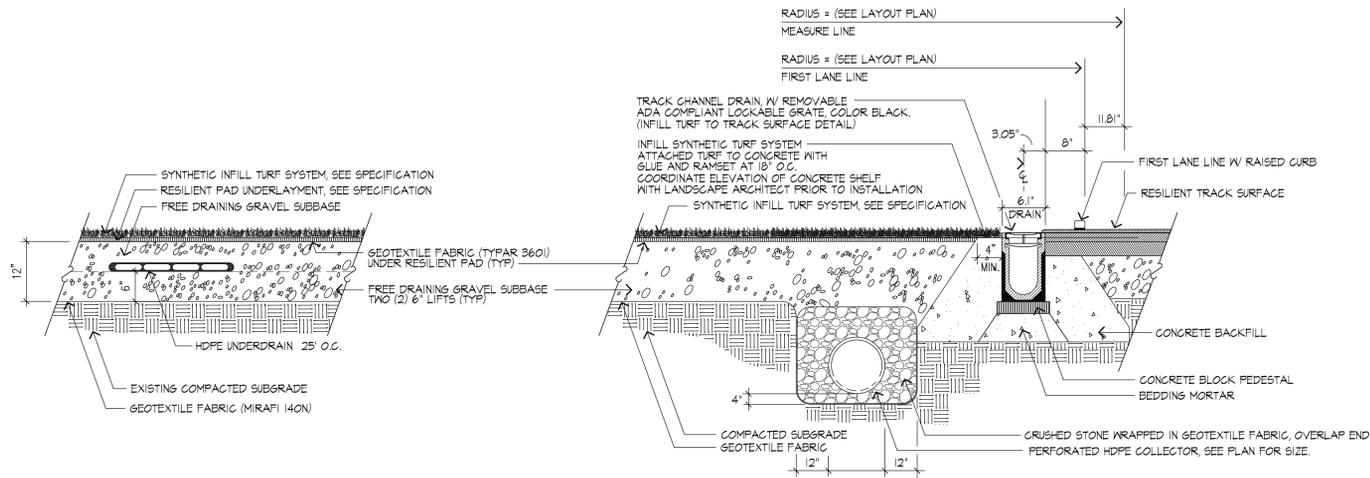


DATE:  
02/26/2026

JA PROJECT NUMBER: 2518      SCALE: As noted

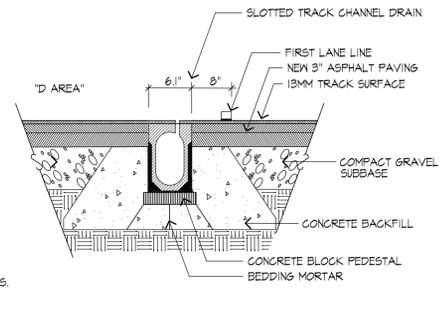
DRAWING TITLE:  
**TRACK & FIELD CONSTRUCTION DETAILS**

**L201**

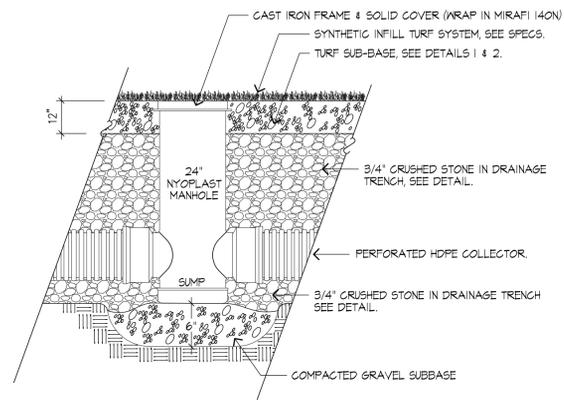


**1** TYPICAL INFILLED SYNTHETIC TURF SYSTEM  
SCALE: NTS

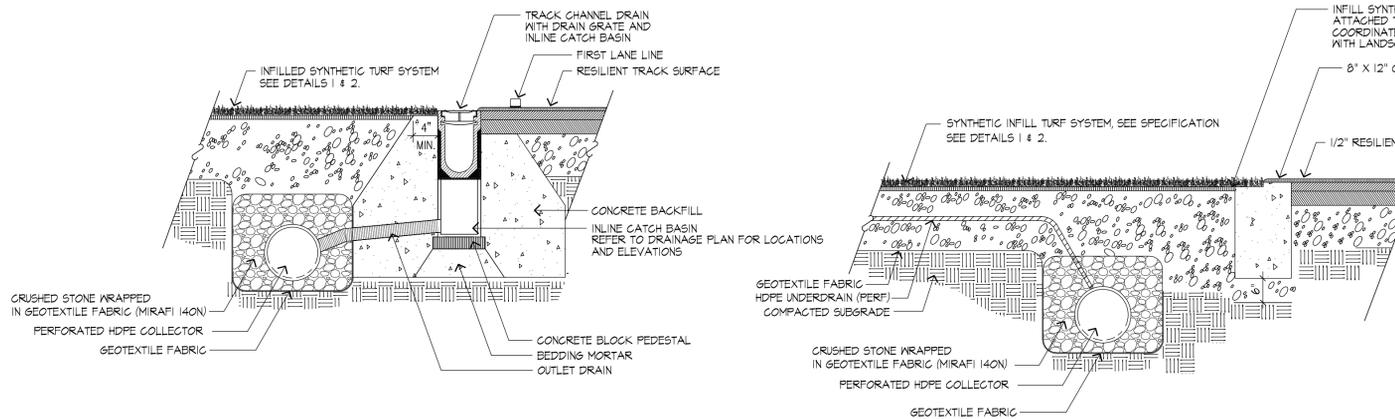
**2** TYPICAL INSIDE EDGE OF TRACK - SECTION  
SCALE: NTS



**3** SLOTTED TRACK CHANNEL DRAIN  
SCALE: NTS

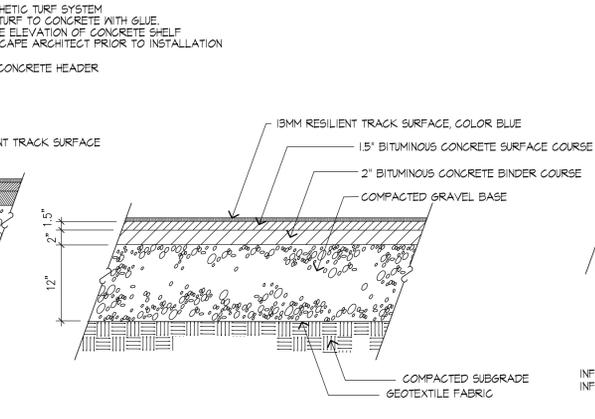


**4** NYOPLAST TURF MANHOLE  
SCALE: NTS

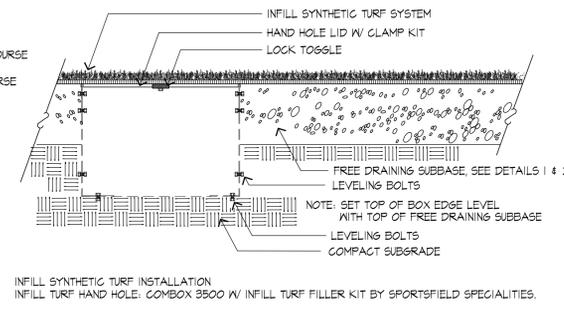


**5** INLINE CATCH BASIN SECTION  
SCALE: NTS

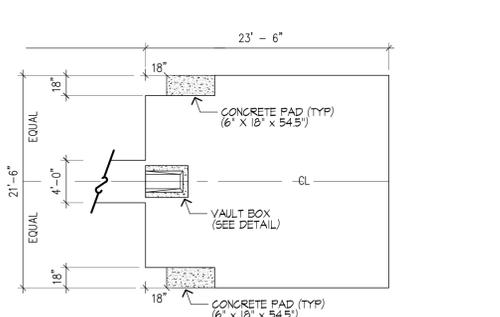
**6** TYPICAL TRACK EDGE AT 'D' AREA  
SCALE: NTS



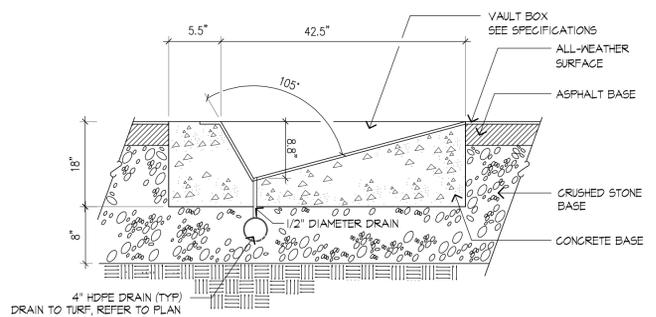
**7** RESILIENT TRACK SURFACE  
SCALE: NTS



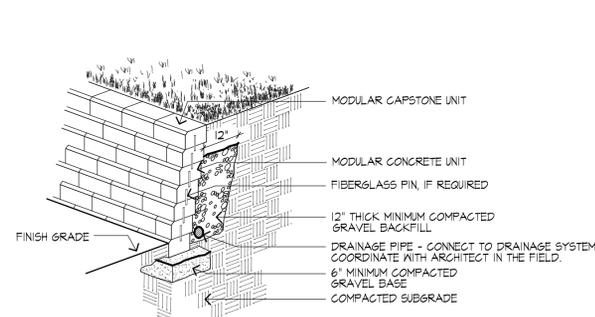
**8** HANDHOLE BOX DETAIL  
SCALE: NTS



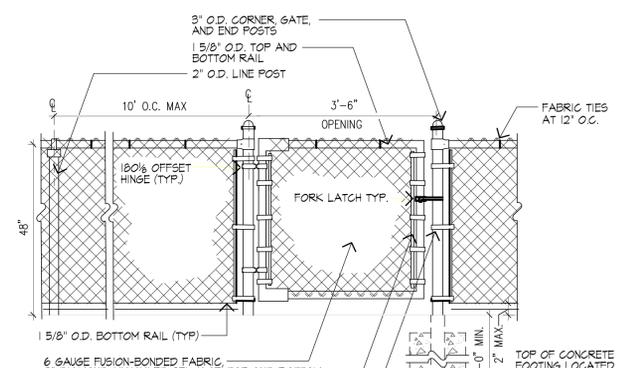
**9** POLE VAULT LANDING AREA  
SCALE: NTS



**10** VAULT BOX SECTION  
SCALE: NTS



**11** "MODULAR BLOCK" RETAINING WALL  
SCALE: NTS



**12** 4' FUSION BOND CHAIN LINK FENCE AND GATE  
SCALE: NTS



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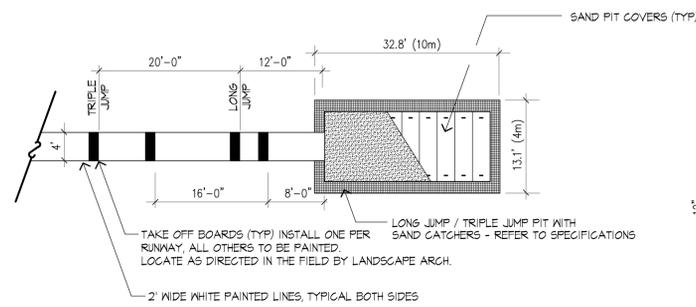
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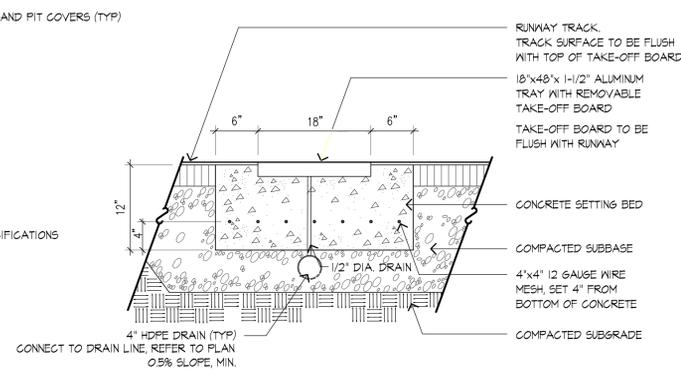
DATE:  
02/26/2026

JA PROJECT NUMBER: 2518 SCALE: As noted

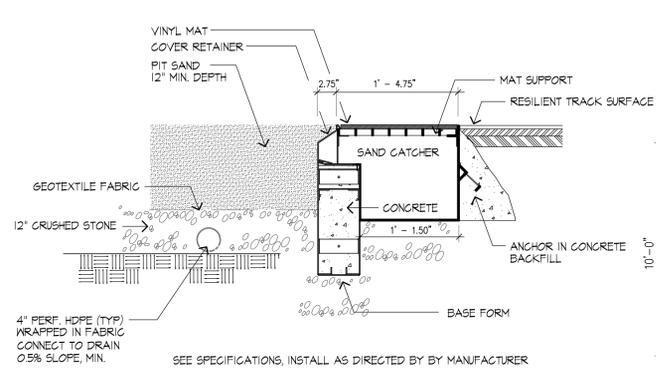
DRAWING TITLE:  
**TRACK & FIELD CONSTRUCTION DETAILS**



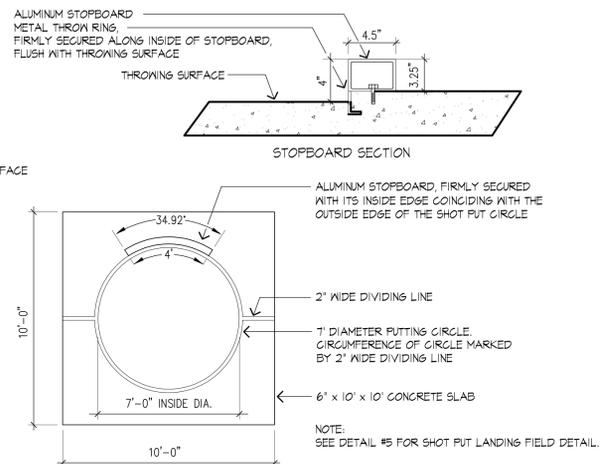
**1 PLAN - JUMP PIT**  
SCALE: NTS



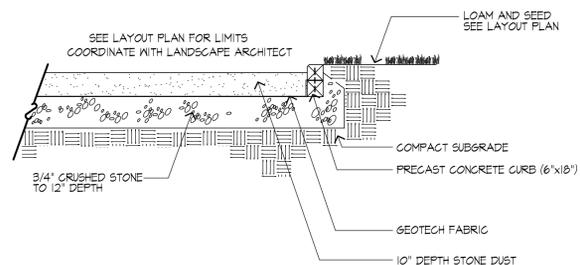
**2 TAKE-OFF BOARD**  
SCALE: NTS



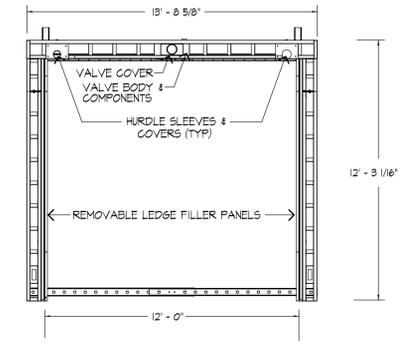
**3 SAND PIT WITH SAND CATCHERS - SECTION**  
SCALE: NTS



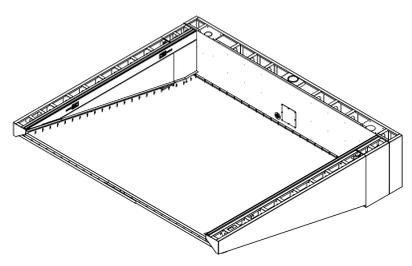
**4 SHOT PUT CIRCLE**



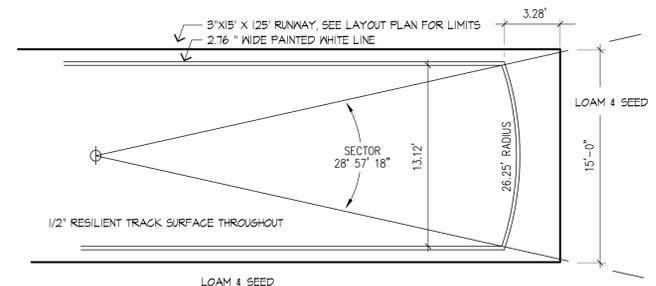
**5 SHOT PUT LANDING FIELD**  
SCALE: NTS



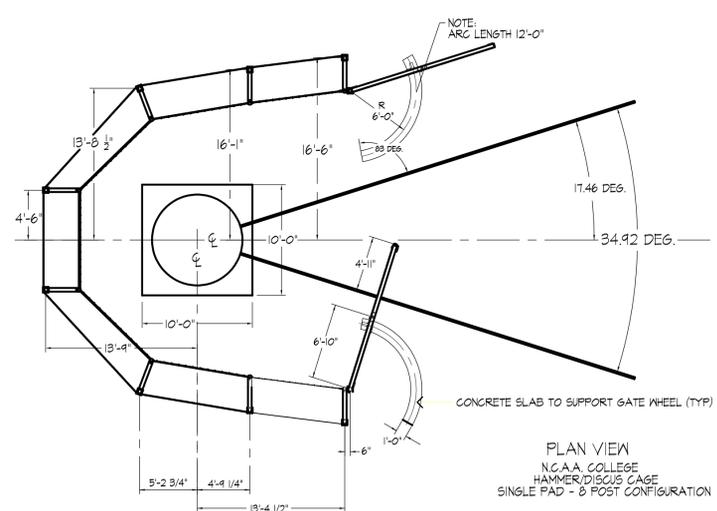
**6 STEEPLECHASE PIT & COVER SYSTEM**  
SCALE: NTS



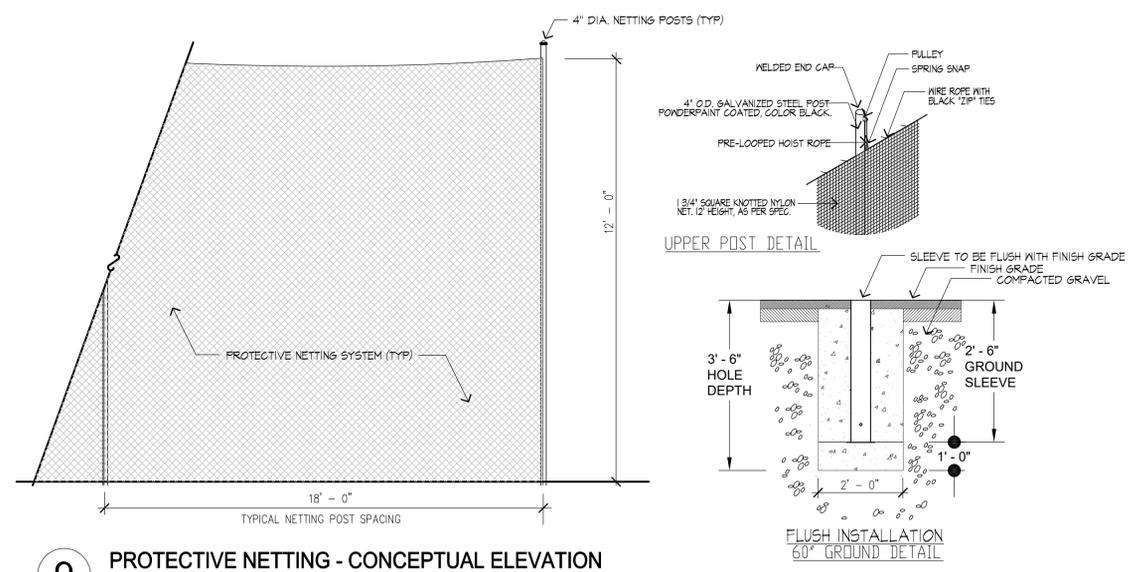
**7 JAVELIN RUNWAY AREA**  
SCALE: NTS



**8 DISCUS/HAMMER THROWING CAGE AND CAGE**  
SCALE: NTS



**9 PROTECTIVE NETTING - CONCEPTUAL ELEVATION**  
SCALE: NTS



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02/26/2026

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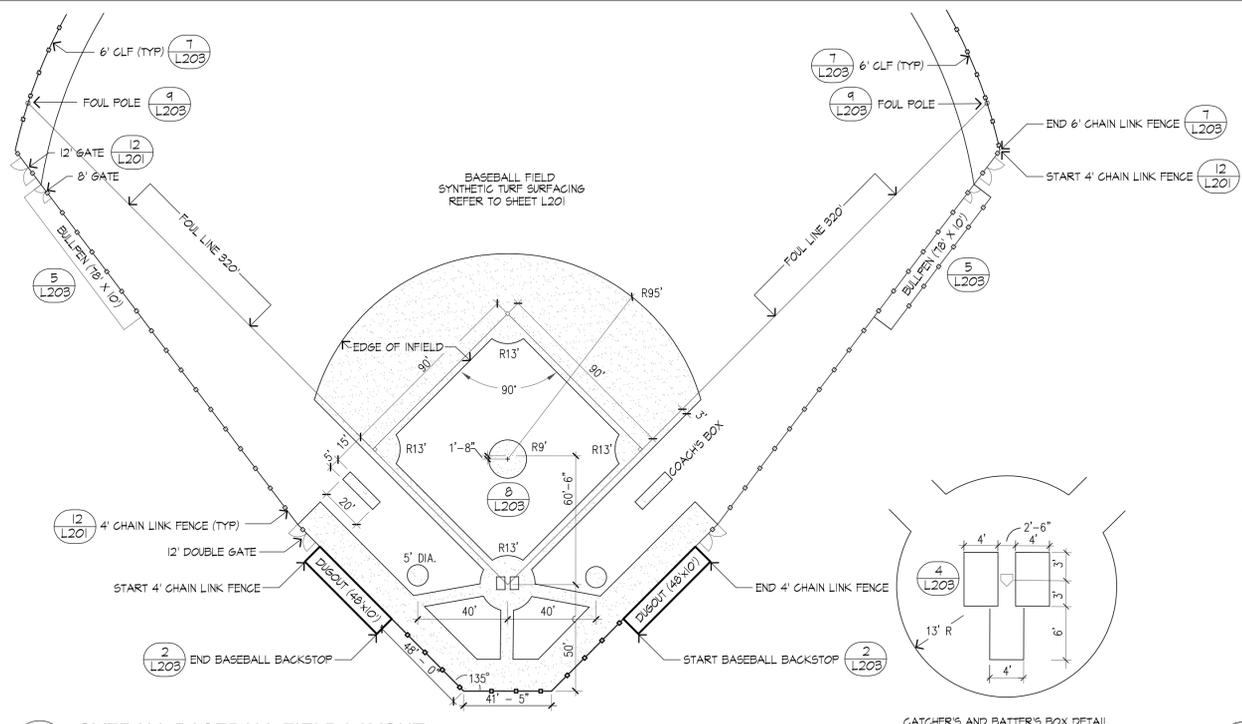
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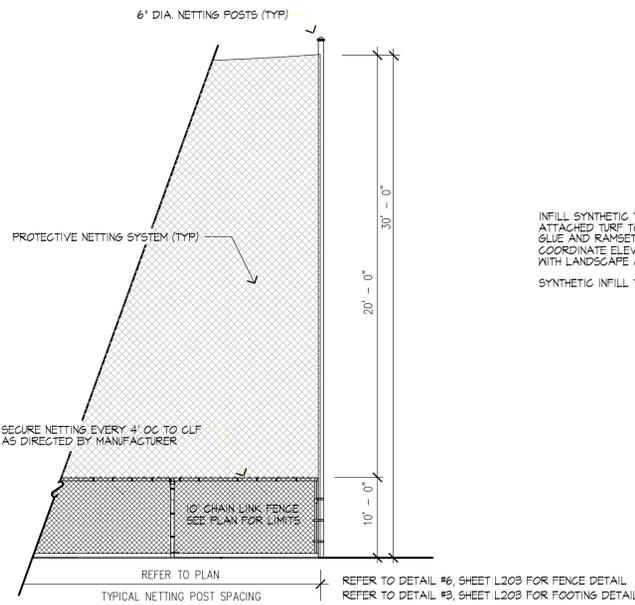
DRAWING TITLE:

**BASEBALL FIELD DETAILS**

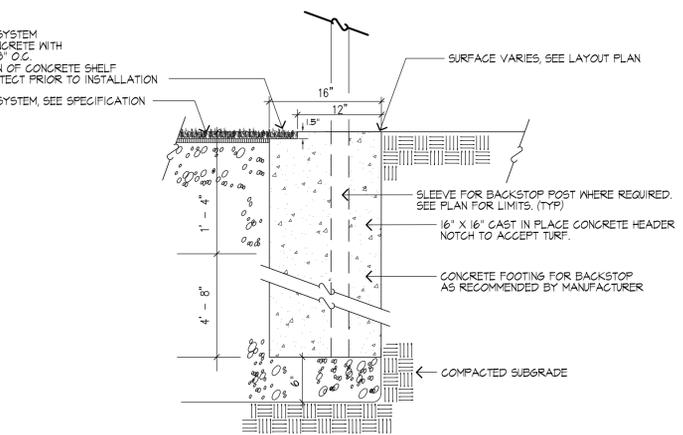
**L203**



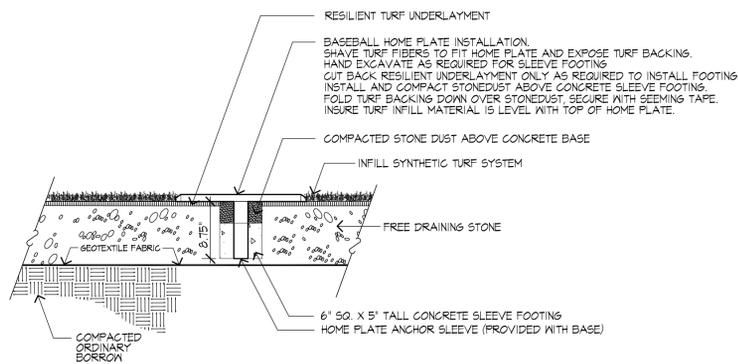
**1 OVERALL BASEBALL FIELD LAYOUT**  
SCALE: 1" = 40'



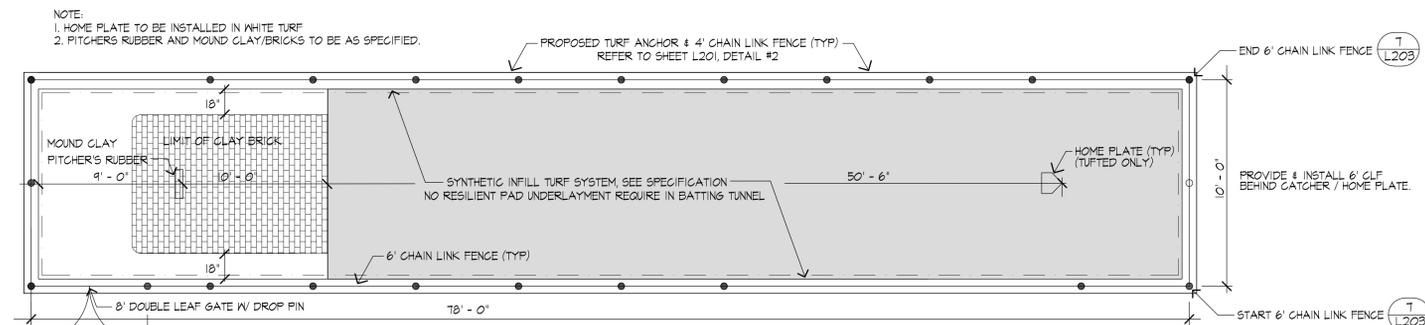
**2 PROTECTIVE NETTING & BASEBALL BACKSTOP**  
SCALE: NTS



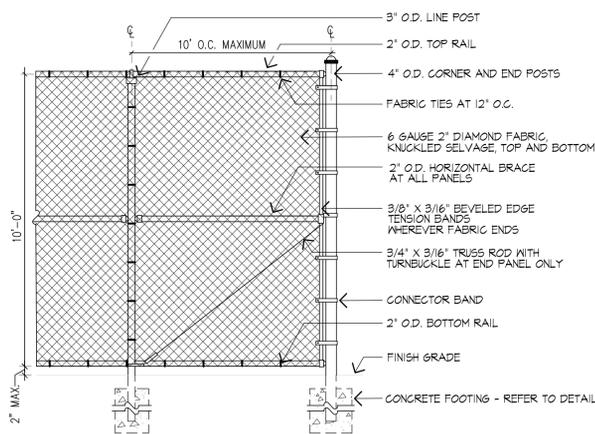
**3 BACKSTOP FOOTING & TURF ANCHOR DETAIL**  
SCALE: 1" = 1'



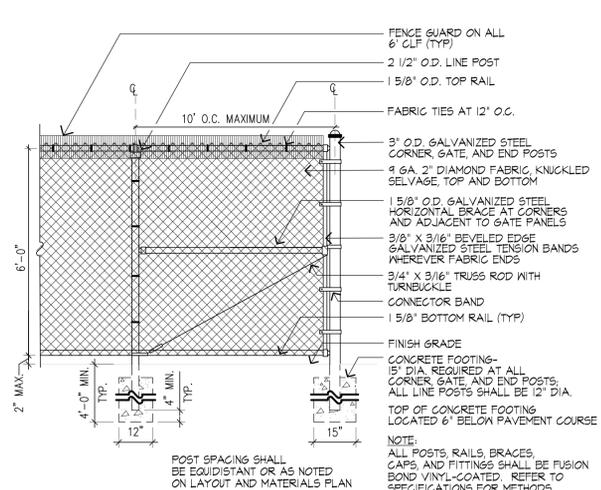
**4 HOME PLATE INSTALLATION**  
SCALE: 1" = 1'  
HOME PLATE: SCHOTT HOLLYWOOD STYLE HOME PLATE w/ GROUND SLEEVE.



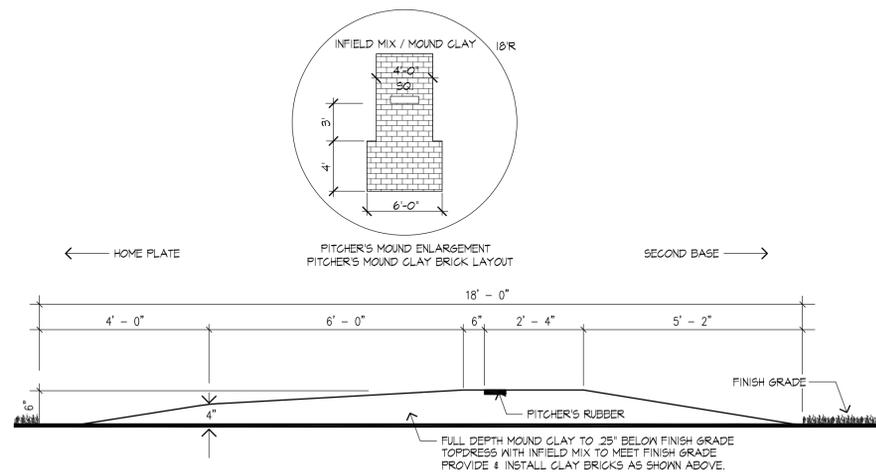
**5 BULLPEN LAYOUT**  
SCALE: 1" = 6'



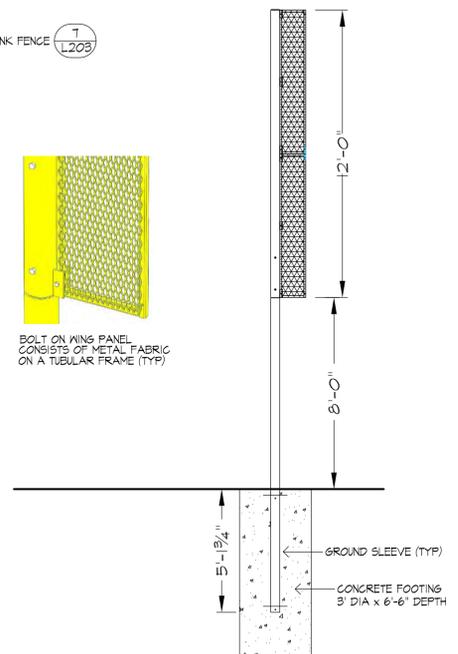
**6 10'-0" FUSION BOND CHAIN LINK FENCE**  
SCALE: NTS



**7 6'-0" FUSION BOND CHAIN LINK FENCE**  
SCALE: NTS



**8 PITCHER'S MOUND CROSS-SECTION**  
SCALE: NTS



**9 FOUL POLE DETAIL**  
SCALE: NTS



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06/20/2025	DESIGN DEVELOPMENT (NOI SUBMISSION)

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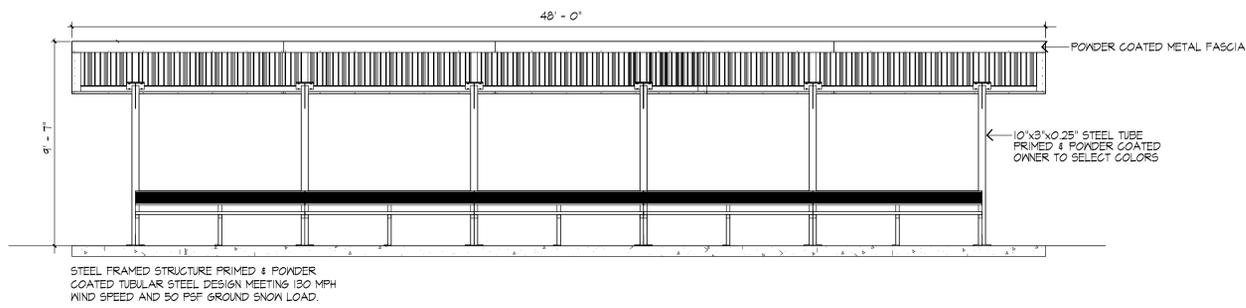


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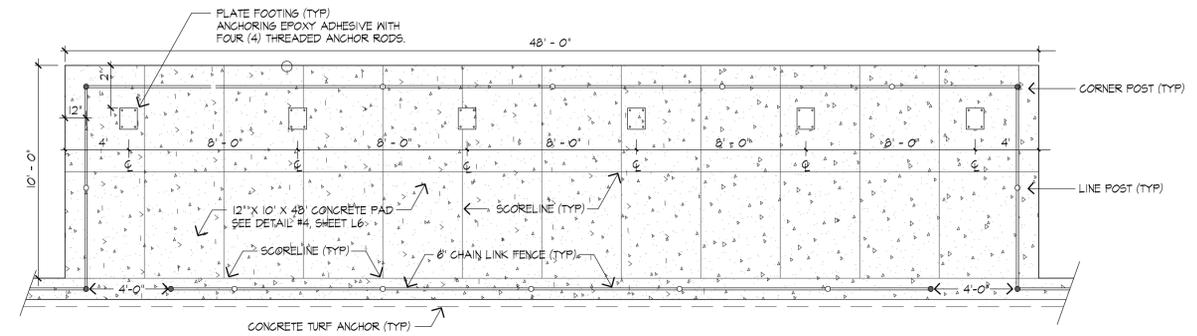
JA PROJECT NUMBER: 2518  
SCALE: As noted

DRAWING TITLE:  
**BASEBALL FIELD DETAILS**

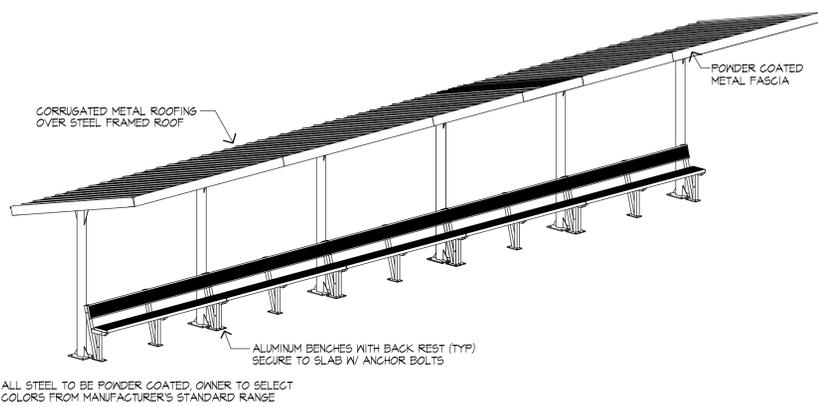
**L204**



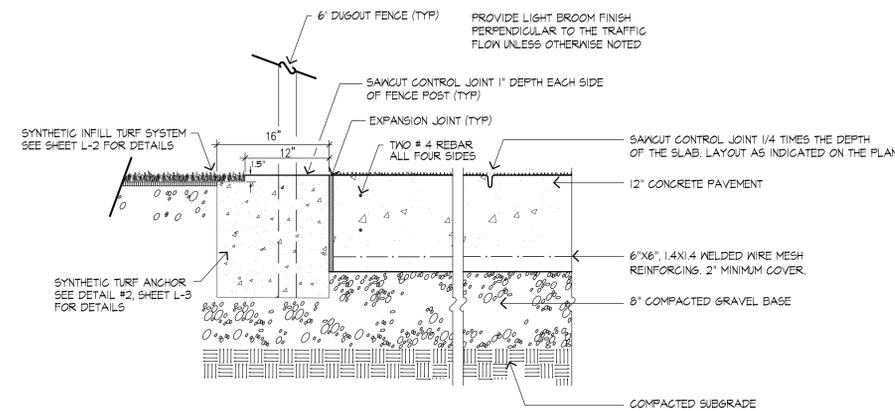
**1 DUGOUT ELEVATION & SECTION**  
SCALE: 1" = 4'



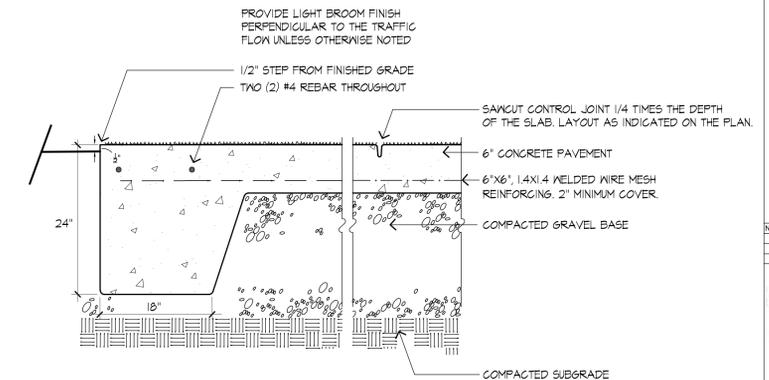
**2 DUGOUT AND SLAB LAYOUT**  
SCALE: 1" = 4'



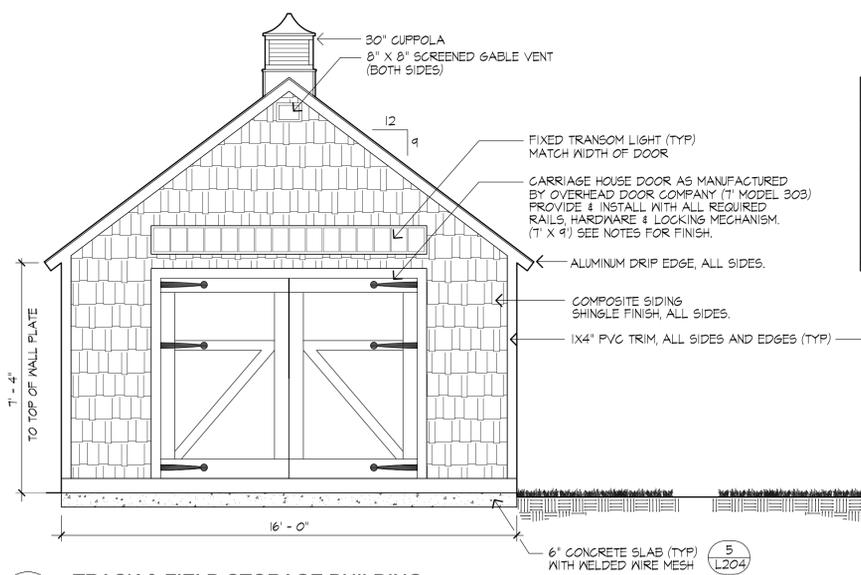
**3 CANTILEVER DUGOUT PERSPECTIVE**  
SCALE: NTS



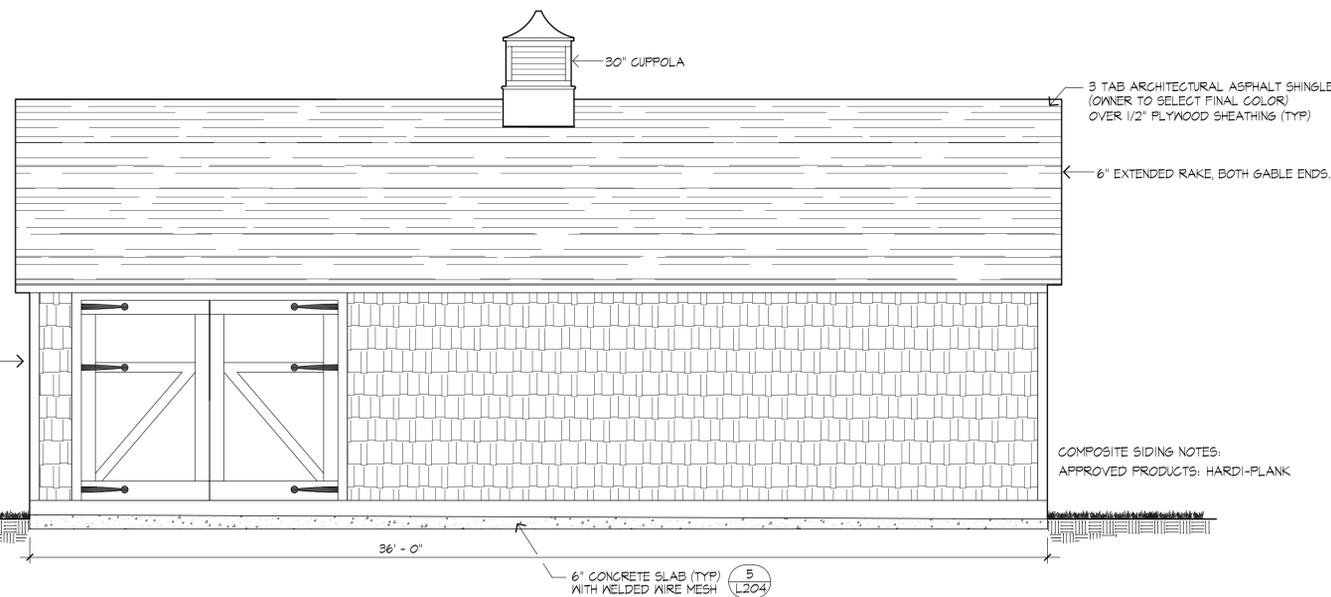
**4 CONCRETE DUGOUT SLAB**  
SCALE: 1" = 1'



**5 CONCRETE STORAGE BUILDING SLAB**  
SCALE: 1" = 1'



**6 TRACK & FIELD STORAGE BUILDING**  
SCALE: 1" = 3'



- STORAGE BUILDING NOTES:
- GC RESPONSIBLE FOR BUILDING PERMIT.
  - CONCRETE SLAB TO SERVE AS FLOOR
  - 2"X4" WALL CONSTRUCTION 16" O.C., DOUBLE TOP PLATE
  - DOUBLE PT 2"X6" BOTTOM PLATE, PROVIDE 5 1/2" FOAM SILL SEAL (TYP)
  - 2X6" ROOF RAFTERS 16" O.C.
  - ALL INTERIOR WALLS TO RECEIVE 5/8" PLYWOOD
  - EXTERIOR COLORS:  
SHINGLE - IRON GRAY  
TRIM - WHITE  
GARAGE DOORS - WHITE
  - ALL EXTERIOR PAINTED SURFACES TO RECEIVE PRIMER AND TWO (2) COATS OF PAINT, AS RECOMMENDED BY MANUFACTURER.
  - COORDINATE SIZE OF CUPPOLAS PRIOR TO FABRICATION.
  - PROVIDE 12" DEEP LOFT STORAGE ON INTERIOR OF STORAGE BUILDING
  - 16" X 36" LEXINGTON SHED AS MANUFACTURED BY POST WOODWORKERS, OR APPROVED EQUAL. (266) 794-7435 - SUBMIT SHOP DRAWING FOR APPROVAL PRIOR TO INSTALLATION.

NOTE: BLEACHER DRAWINGS PROVIDED ARE FOR SCHEMATIC DESIGN ONLY. CONTRACTOR TO SUBMIT A FULL SET OF CONSTRUCTION DRAWINGS STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE COMMONWEALTH OF MASSACHUSETTS FOR APPROVAL PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL DETAIL. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND INSTALLATION OF WHEELCHAIR LIFT PROVIDING HANDICAPPED ACCESS TO THE PRESSBOX.

GUARDRAIL  
6 GAUGE VINYL CHAIN LINK FENCE TIED TO 1-5/8" O.D. ALUMINUM PIPE RAIL SUPPORTED BY 2.0"x2" ALUMINUM TUBE POSTS.

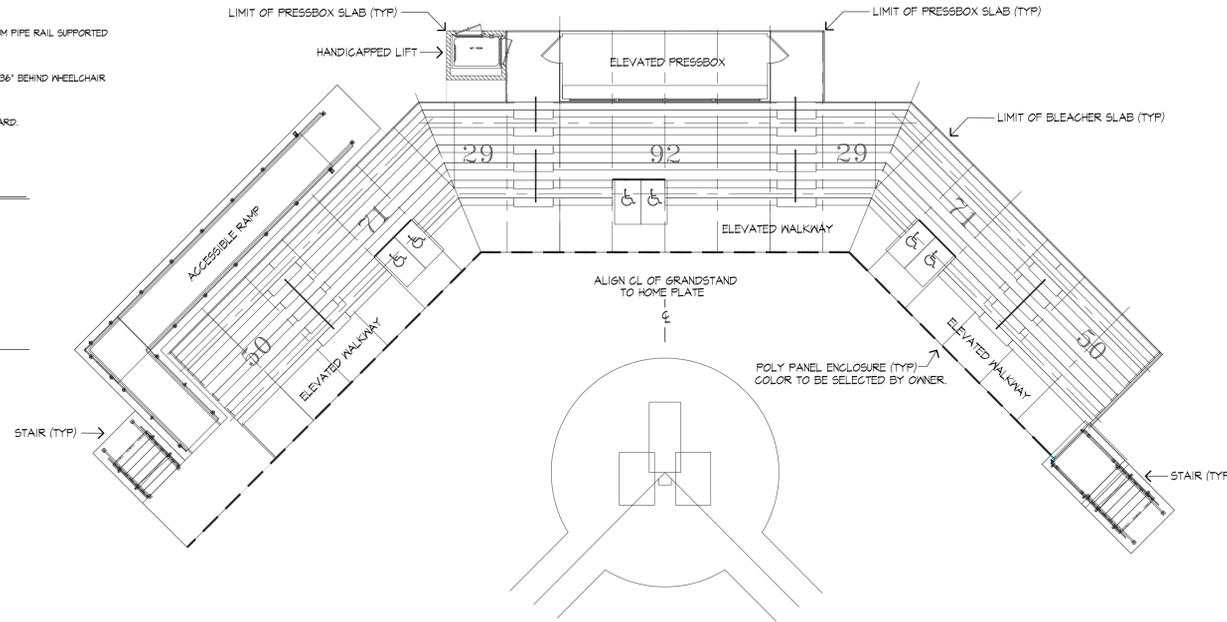
FRONT GUARDRAIL  
TOP RAIL LOCATED 42" MIN ABOVE FOOTBOARD. (EXCEPTION: 36" BEHIND WHEELCHAIR SEATING.)

SIDE GUARDRAIL  
TOP RAIL LOCATED 42" MIN ABOVE LEADING EDGE OF SEATBOARD.

REAR GUARDRAIL  
TOP RAIL LOCATED 42" MIN ABOVE REAR ROW SEATBOARD.

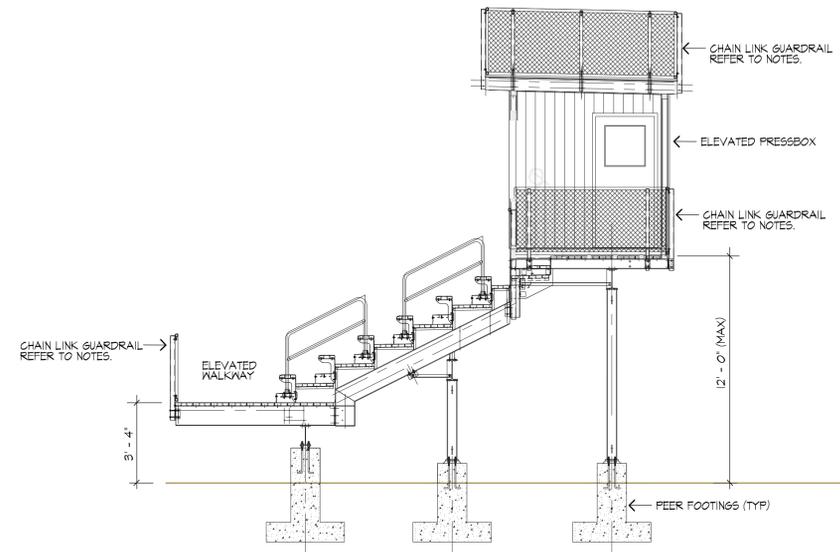
**SEATING CAPACITY**

ROWS:	6
RISE/RUN:	12/24
ELEVATION:	40"
DECK SYSTEM:	INTERLOCKING
DECK FINISH:	ANODIZED SRD
BENCH SEATING CAPACITY:	392
CHAIR SEATING CAPACITY:	0
WHEELCHAIR SEATING CAPACITY:	6
COMPANION SEATING CAPACITY:	6
TOTAL SEATING CAPACITY:	404



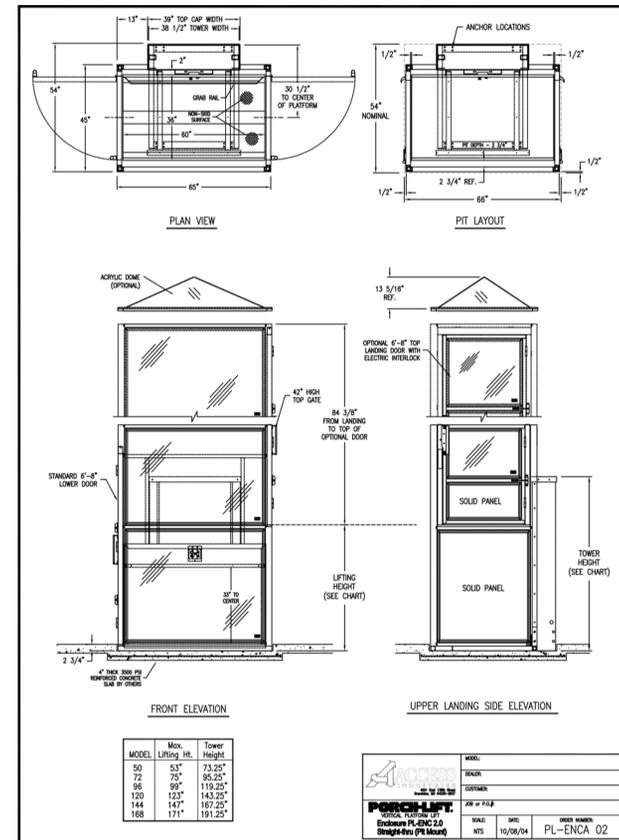
**1 BASEBALL GRANDSTAND SEATING PLAN**

SCALE: NTS



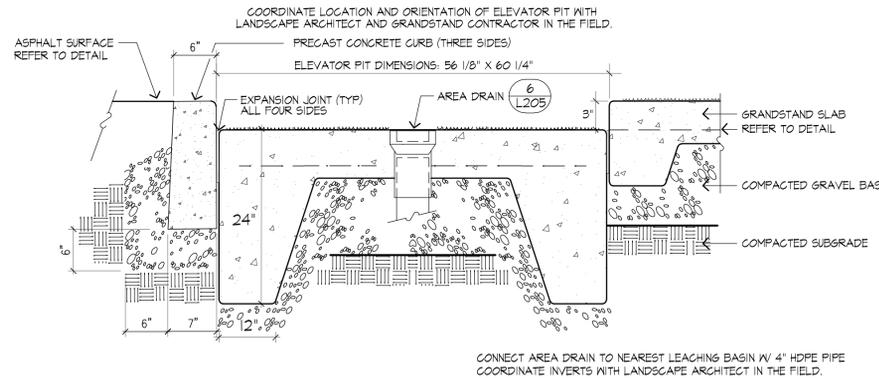
**2 BASEBALL GRANDSTAND CROSS-SECTION**

SCALE: NTS



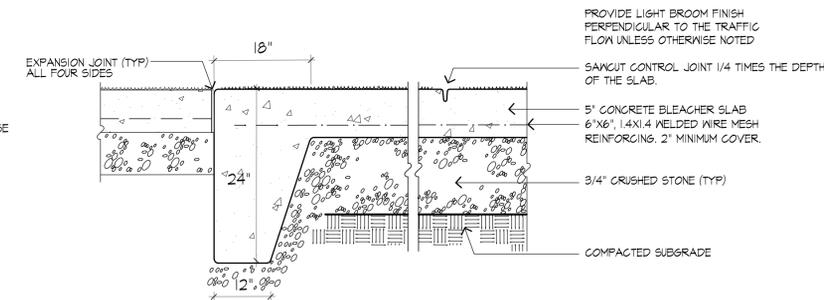
**5 HANDICAPPED WHEELCHAIR LIFT**

SCALE: NTS



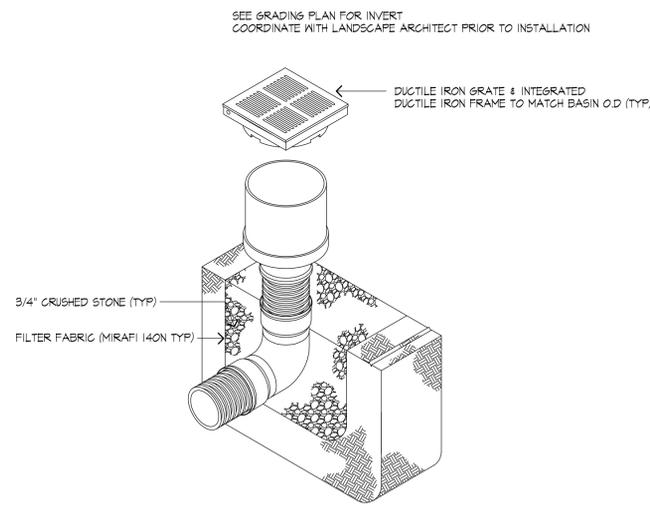
**3 ELEVATOR/LIFT SLAB**

SCALE: NTS



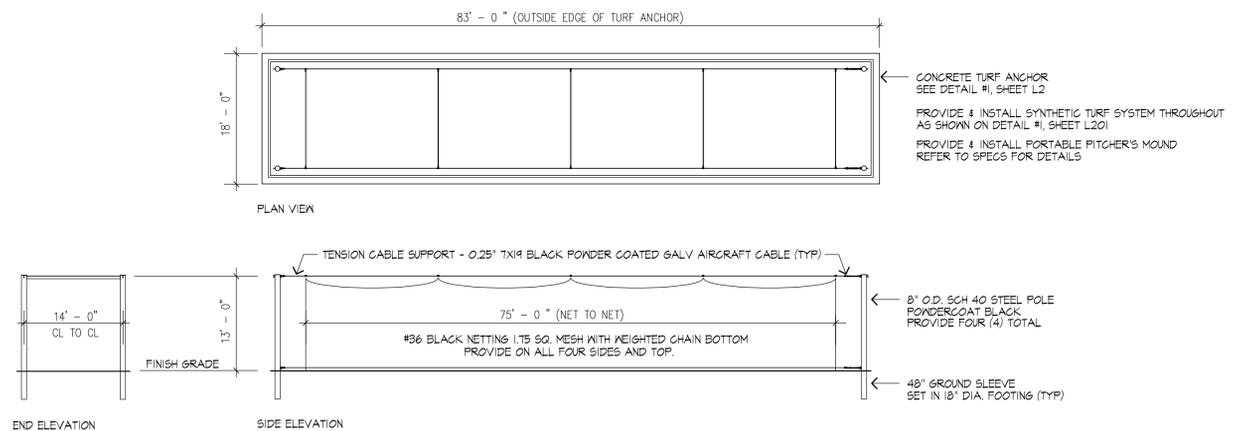
**4 BLEACHER SLAB & PRESSBOX TURNDOWN**

SCALE: NTS



**6 8" IN-LINE DRAIN WITH IRON GRATE**

SCALE: NTS



**7 BATTING TUNNEL LAYOUT**

SCALE: 1" = 6'

APPROVED PRODUCTS INCLUDE BASEBALL SINGLE TENSION BATTING TUNNEL, MODEL NO. L68BTTN-B5 AS MANUFACTURED BY SPORTSFIELD SPECIALTIES, OR APPROVED EQUAL. REFER TO SPECS FOR DETAILS.

**ISSUE LOG:**

Date	Issue
09/29/2025	DESIGN DEVELOPMENT (NOI SUBMISSION)





No.	Date	Revision

CONSULTANT:  
**HUNTRESS Sports**  
Landscape Architects & Planners  
17 Tewksbury Street  
Andover, MA 01810

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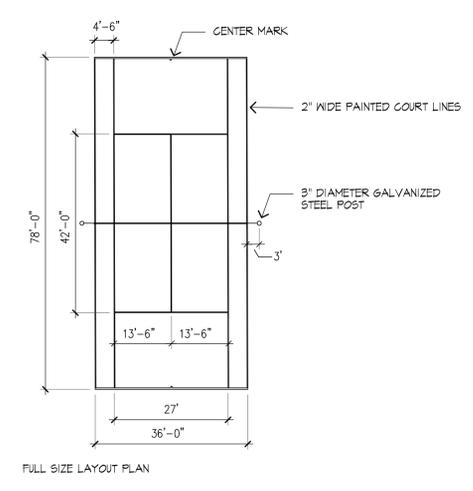


DATE:  
02/26/2026

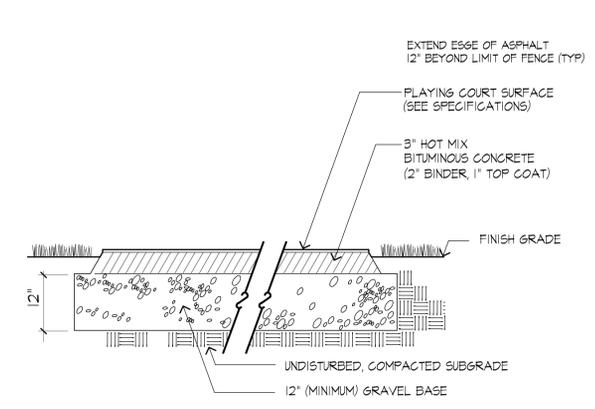
JA PROJECT NUMBER: 2518 SCALE: As noted

DRAWING TITLE:  
**TENNIS COURT DETAILS**

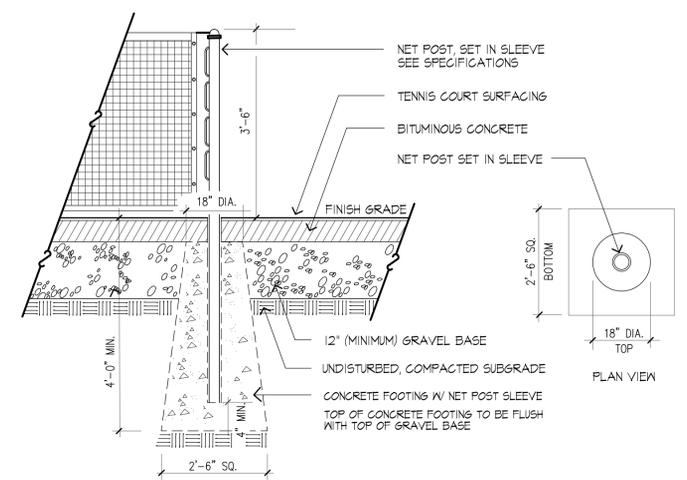
**L206**



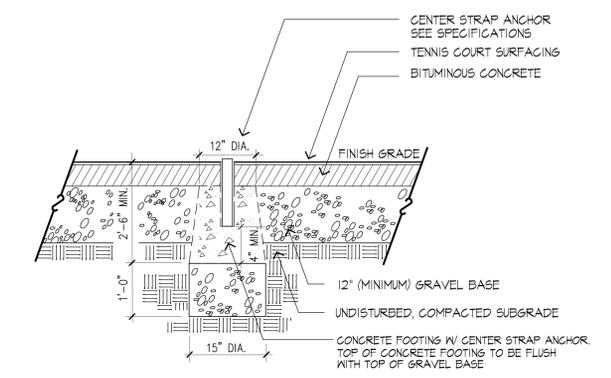
**1 TENNIS COURT LAYOUT**  
SCALE: NTS



**2 TENNIS COURT ASPHALT SECTION**  
SCALE: NTS

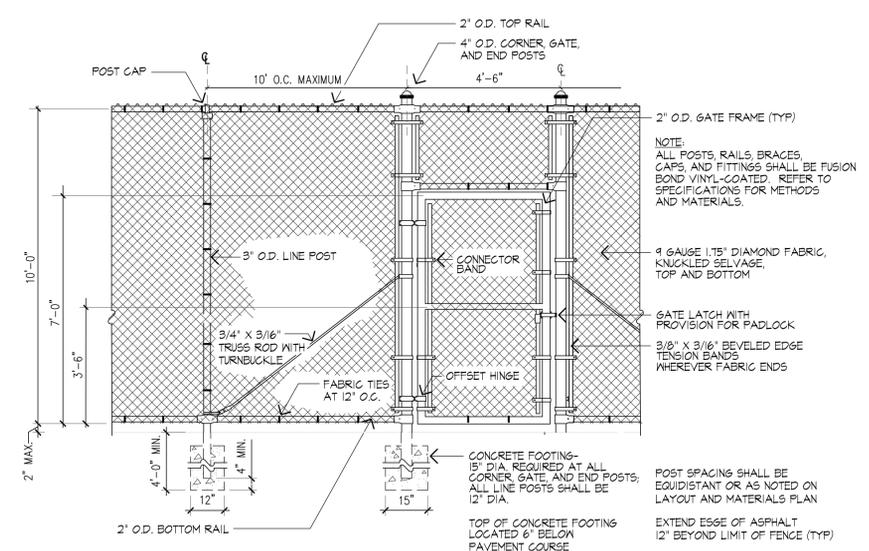


**3 TENNIS NET POST FOOTING**  
SCALE: NTS

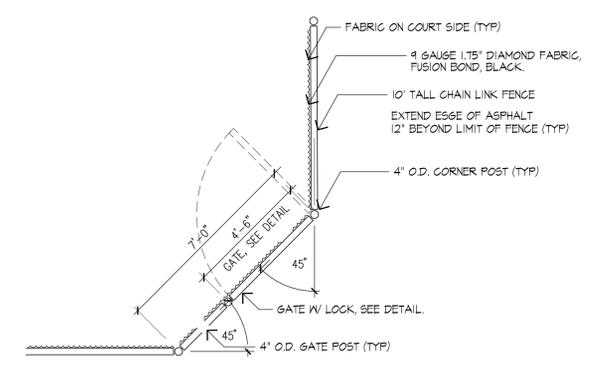


**4 TENNIS NET CENTER STRAP ANCHOR**  
SCALE: NTS

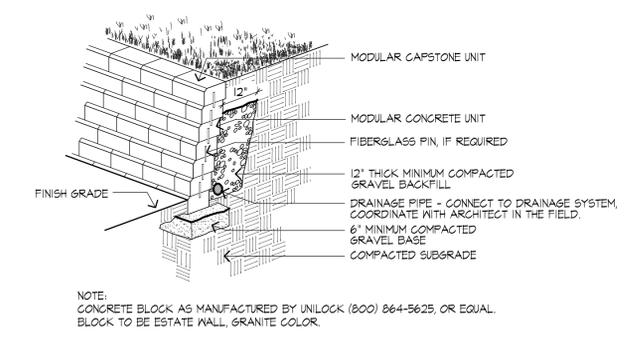
NOTES: 1. ALL GATES TO MAINTAIN 4' MIN. CLEAR WIDTH FOR ADA COMPLIANCE.  
2. ALL 10' CLF AT THE TENNIS COURTS SHALL BE INSTALLED WITH WINDSCREEN, AS PER SPEC.



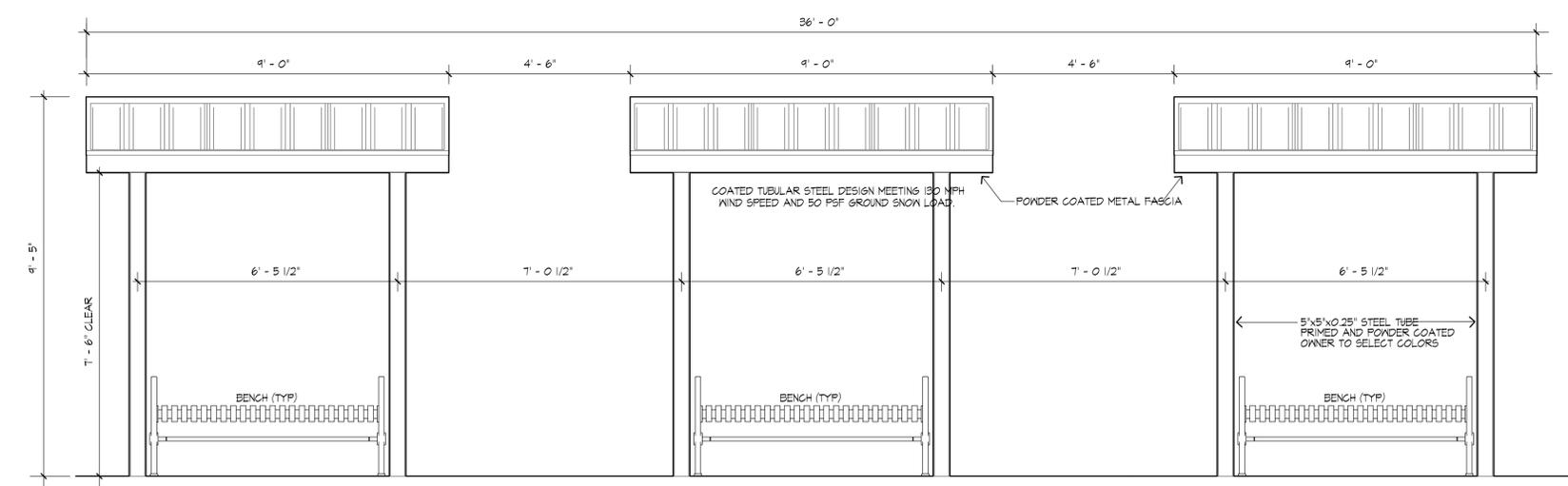
**5 10'-0" TALL FUSION BOND CHAIN LINK FENCE AND GATE**  
SCALE: NTS



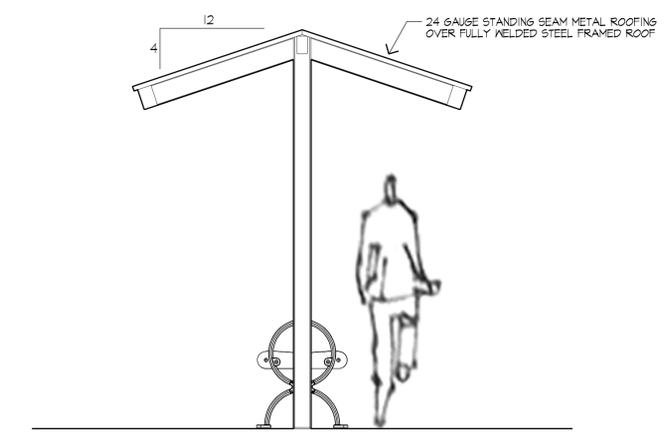
**6 PLAN VIEW, CHAMFERED CORNER W/ SINGLE GATE**  
SCALE: NTS



**7 "MODULAR BLOCK" RETAINING WALL**  
SCALE: NTS



**8 TENNIS COURT SHADE STRUCTURES**  
SCALE: NTS





No.	Date	Revision

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Landscape Architects & Planners  
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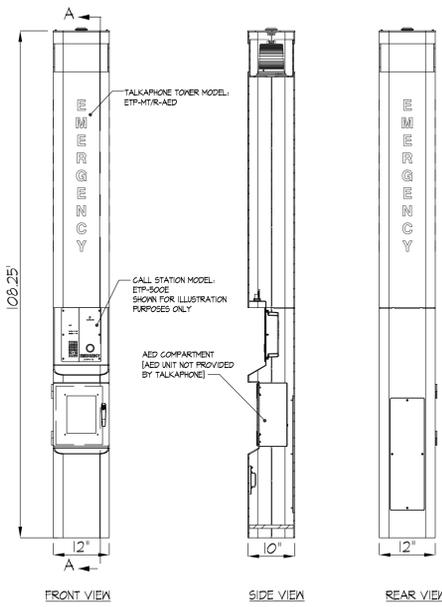
DATE:  
02/26/2026

JA PROJECT NUMBER: 2518	SCALE: As noted
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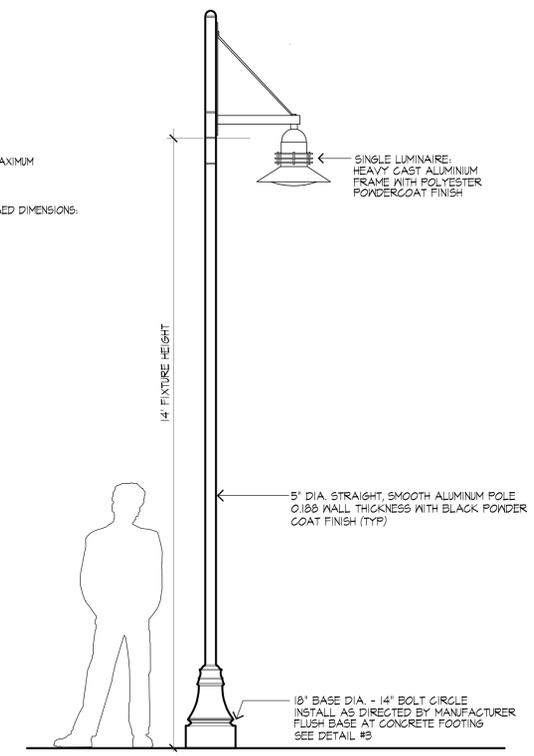
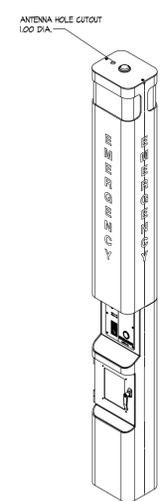
DRAWING TITLE:

**SITE DETAILS**

**L207**



NOTES:  
AUTOMATED EXTERNAL DEFIBRILLATOR (AED) UNIT MAXIMUM RECOMMENDED DIMENSIONS FOR EASE OF FIT:  
12.00'H X 9.5'W X 5.5'D  
WITH HEATER INCLUDED, MAXIMUM RECOMMENDED AED DIMENSIONS:  
12.00'H X 8.5'W X 5.5'D

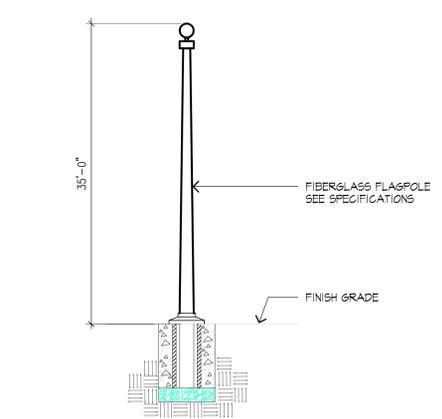


**1 EMERGENCY PHONE WITH AED**  
SCALE: NTS

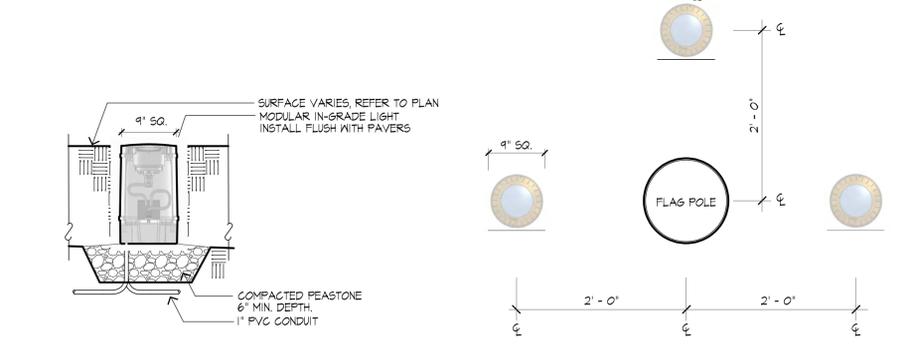
**2 POST LIGHT FIXTURE**  
SCALE: NTS

**3 PRECAST LIGHT POLE & PHONE BASE**  
SCALE: 3/4" = 1'-0"

**4 FLAGPOLE FOOTING**  
SCALE: 1/2" = 1'-0"



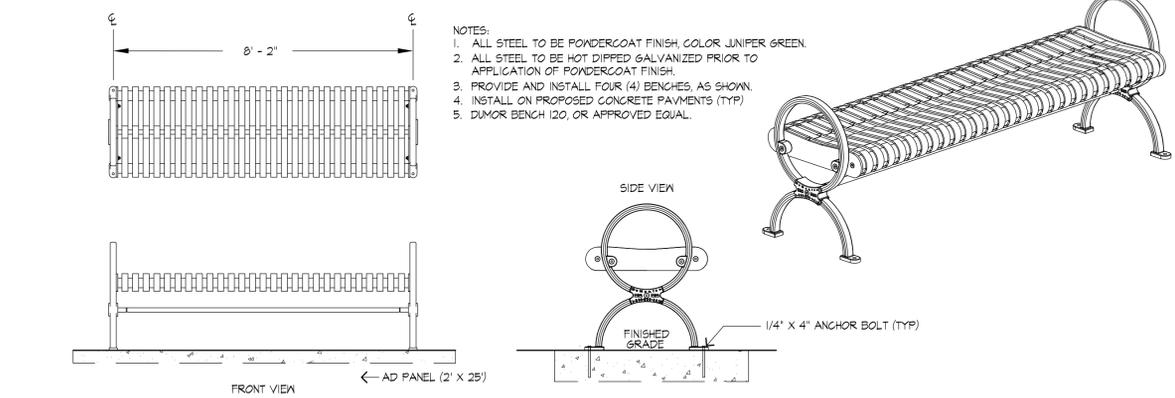
GROUND MOUNTED UPLIGHTS:  
HYDREL (HYDREL-MR20C-B-I2LED-WHT4IK-MVOLT-NSP-FLCSR-34B-SS-BTS-LDM-B2-DNA)  
PROVIDE WITH SQUARE BRONZE TRIM RINGS. CONNECT TO POWER FROM LIGHT POST.  
EQUAL PRODUCTS WILL BE CONSIDERED. PROVIDE 4 INSTALL THREE (3) UPLIGHTS, AS SHOWN.



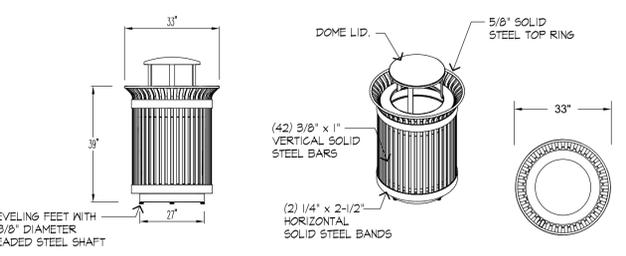
**5 FLAGPOLE**  
SCALE: N.T.S.

**6 IN-GROUND FLAG POLE LIGHTS**  
SCALE: N.T.S.

**7 8' ORNAMENTAL BENCH**  
SCALE: N.T.S.

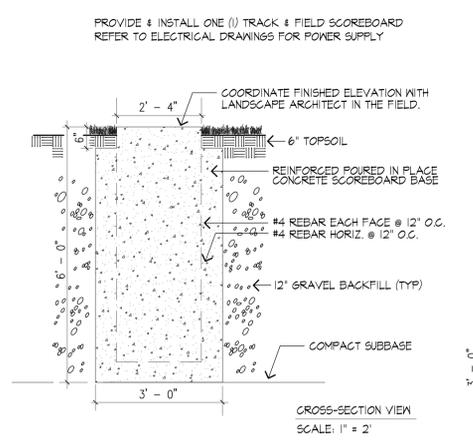
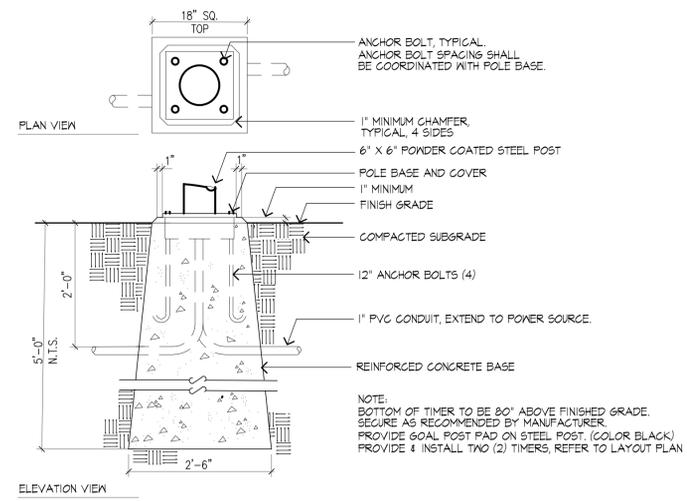


NOTES:  
1. PROVIDE AND INSTALL FOUR (4) RECEPTACLES, AS SHOWN.  
2. INSTALL W/ ANCHOR BOLTS ON CONCRETE WALKWAY AS DIRECTED BY LANDSCAPE ARCHITECT.  
3. DUMOR RECEPTACLE 150 WITH BT DOME LID, OR APPROVED EQUAL.

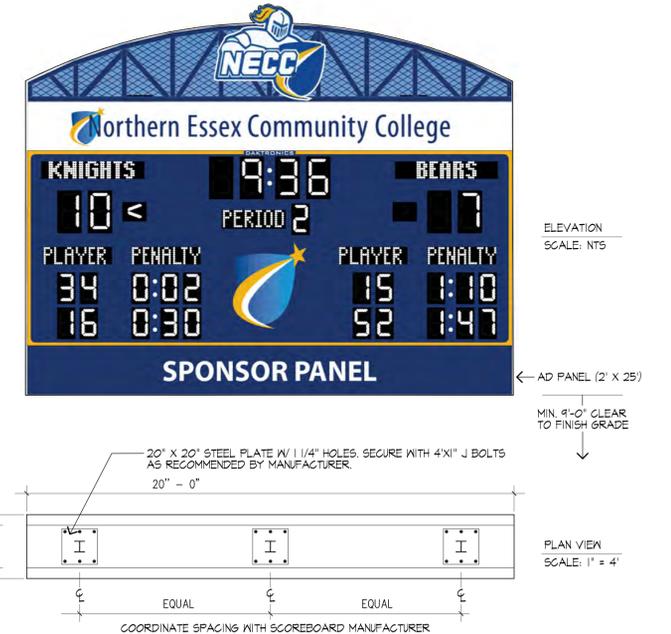


**8 TRASH RECEPTACLE - 32 GAL. CAPACITY**  
SCALE: N.T.S.

**9 PRECAST POLE BASE - DELAY OF GAME TIMER**  
SCALE: N.T.S.



**10 TRACK & FIELD SCOREBOARD DETAILS**  
SCALE: AS NOTED



**8 TRASH RECEPTACLE - 32 GAL. CAPACITY**  
SCALE: N.T.S.

**9 PRECAST POLE BASE - DELAY OF GAME TIMER**  
SCALE: N.T.S.

**10 TRACK & FIELD SCOREBOARD DETAILS**  
SCALE: AS NOTED



No.	Date	Revision

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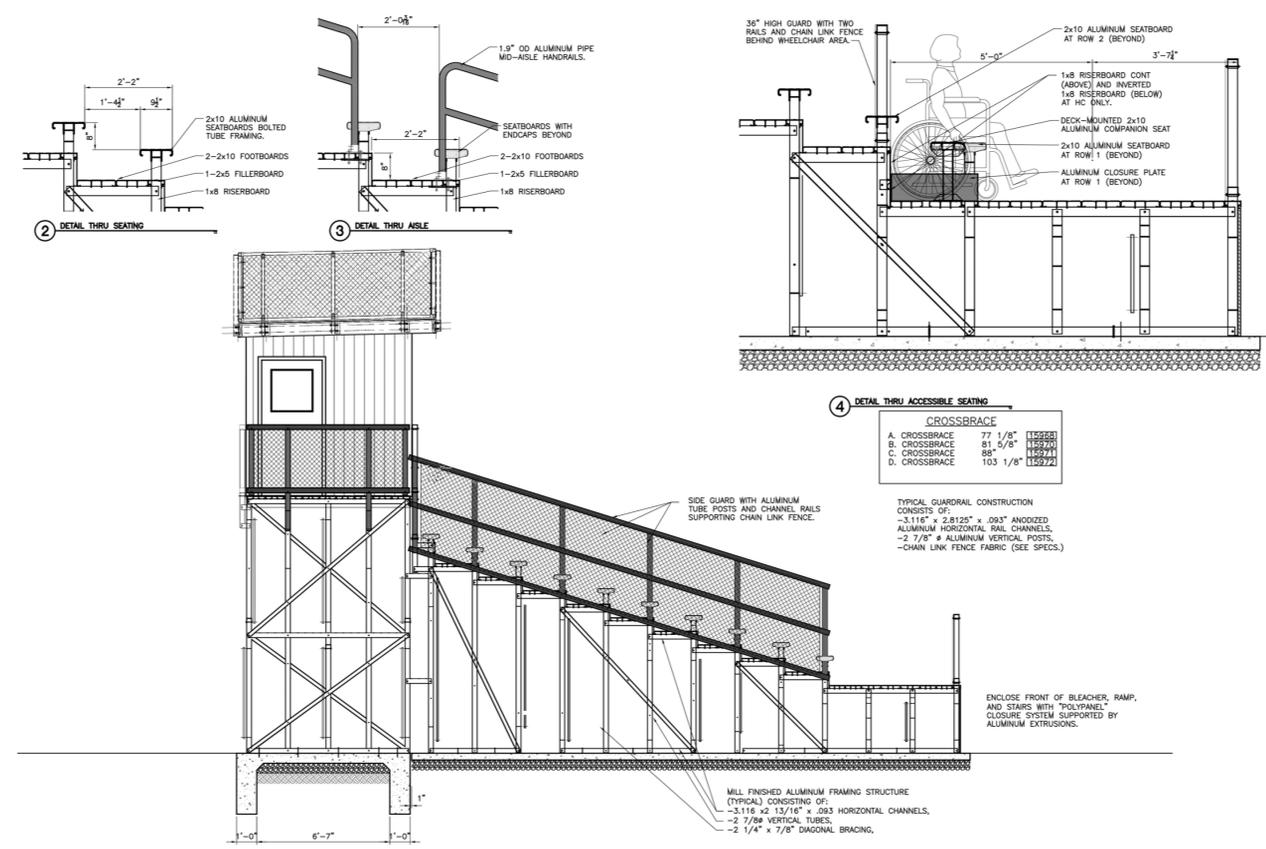
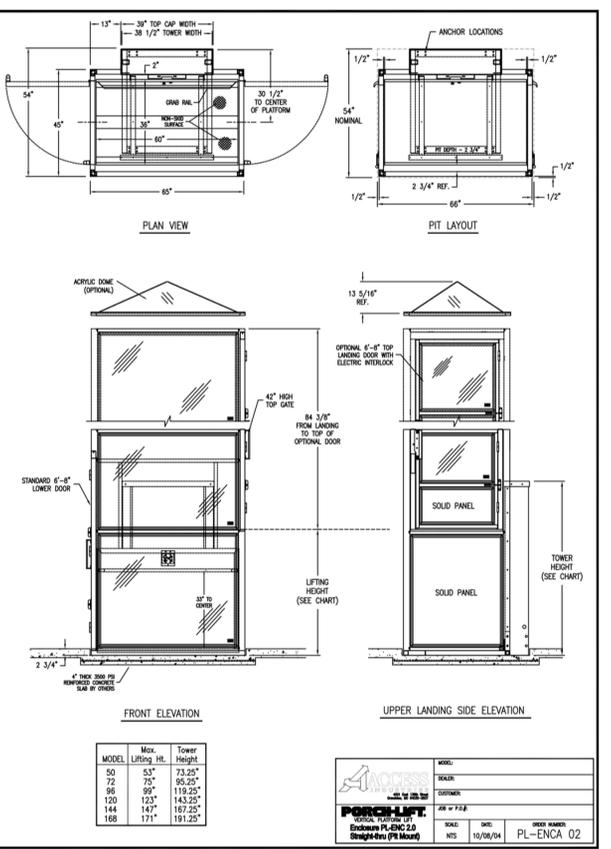
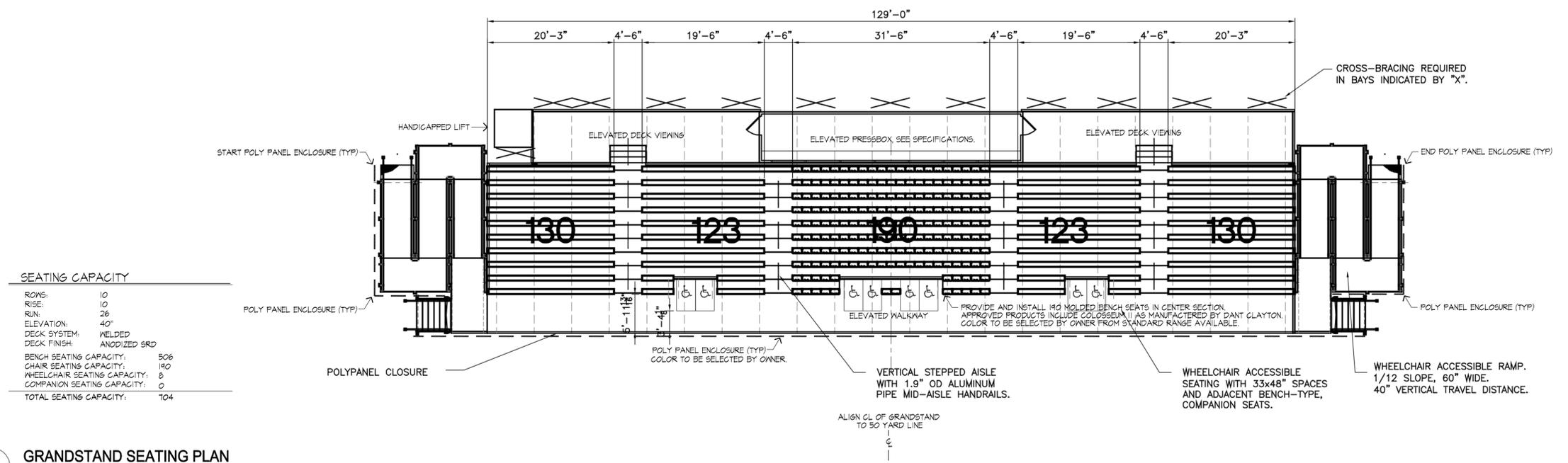


DATE:  
02/26/2026

JA PROJECT NUMBER: 2518 SCALE: As noted

DRAWING TITLE:  
**TRACK & FIELD GRANDSTAND DETAILS**

**L208**



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Northern Essex  
Community College

PROJECT NAME:  
**NECC ATHLETIC FIELD  
RENOVATIONS**

PROJECT #  
**P0033625**

CLIENT  
**NORTHERN ESSEX  
COMMUNITY COLLEGE**

PHASE/DATE  
**DESIGN DEVELOPMENT**

DATE	DESCRIPTION

DATE	DESCRIPTION

CONSULTANT

**Erannan Consulting**

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DATE

02/26/2026

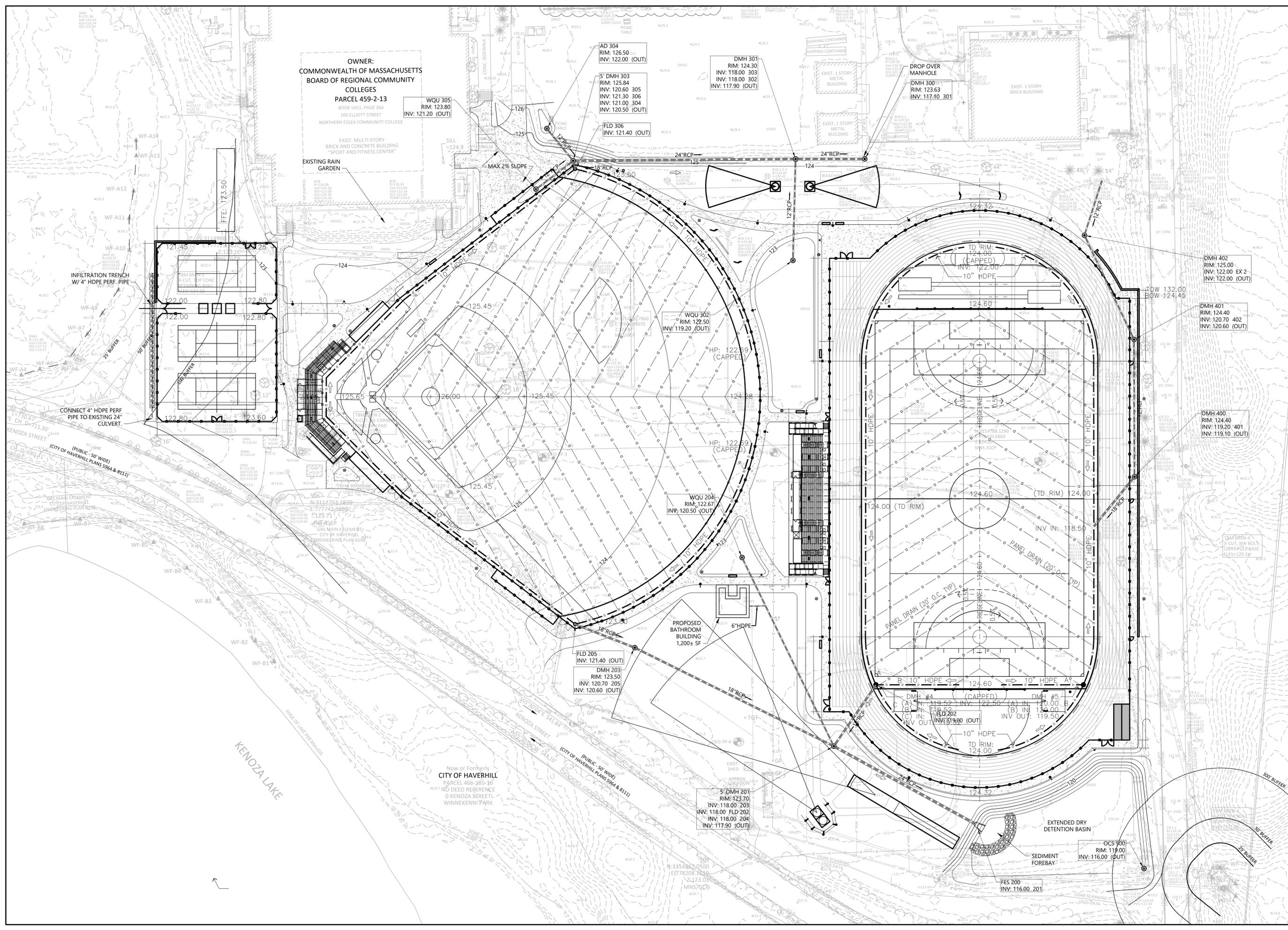
PROJECT NUMBER  
**2518**

SCALE  
**1" = 40'**

PROJECT TITLE

**GRADING &  
DRAINAGE PLAN**

**C-01**



OWNER:  
COMMONWEALTH OF MASSACHUSETTS  
BOARD OF REGIONAL COMMUNITY  
COLLEGES  
PARCEL 459-2-13  
BOOK 5451, PAGE 264  
100 ELLIOTT STREET  
NORTHERN ESSEX COMMUNITY COLLEGE

EXIST. MULTI-STORY  
BRICK AND CONCRETE BUILDING  
"SPORT AND FITNESS CENTER"

EXISTING RAIN  
GARDEN

Now or Formerly  
CITY OF HAVERHILL  
PARCEL 466-385-16  
NO DEED REFERENCE  
0 KENOZA STREET  
WINNEKENNI PARK

FLD 205  
RIM: 121.40 (OUT)  
INV: 120.70 205  
INV: 120.60 (OUT)

5' DMH 201  
RIM: 123.70  
INV: 118.00 203  
INV: 118.00 204  
INV: 117.90 (OUT)

DMH 203  
RIM: 123.50  
INV: 120.70 205  
INV: 120.60 (OUT)

DMH 300  
RIM: 123.63  
INV: 117.10 301

DMH 301  
RIM: 124.30  
INV: 118.00 303  
INV: 118.00 302  
INV: 117.90 (OUT)

DMH 303  
RIM: 125.84  
INV: 120.60 305  
INV: 121.30 306  
INV: 121.00 304  
INV: 120.50 (OUT)

DMH 400  
RIM: 124.40  
INV: 119.10 401  
INV: 119.10 (OUT)

DMH 401  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 402  
RIM: 125.00  
INV: 122.00 EX 2  
INV: 122.00 (OUT)

DMH 404  
RIM: 124.00  
INV: 119.20 401  
INV: 119.20 (OUT)

DMH 405  
RIM: 122.50  
INV: 122.00 EX 2  
INV: 122.00 (OUT)

DMH 406  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 407  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 408  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 409  
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INV: 120.70 402  
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DMH 410  
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INV: 120.70 402  
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DMH 411  
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DMH 431  
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INV: 120.70 402  
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DMH 432  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 433  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 434  
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INV: 120.60 (OUT)

DMH 435  
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INV: 120.60 (OUT)

DMH 436  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 437  
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INV: 120.70 402  
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DMH 438  
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DMH 439  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 440  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 441  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 442  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 443  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 445  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 446  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 447  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 448  
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INV: 120.70 402  
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DMH 449  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 450  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 451  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 452  
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INV: 120.60 (OUT)

DMH 453  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 454  
RIM: 124.40  
INV: 120.70 402  
INV: 120.60 (OUT)

DMH 455  
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INV: 120.70 402  
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INV: 120.70 402  
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INV: 120.60 (OUT)

DMH 458  
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DMH 461  
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INV: 120.70 402  
INV: 120.60 (OUT)

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DMH 467  
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DMH 468  
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DMH 469  
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DMH 470  
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INV: 120.70 402  
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DMH 472  
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INV: 120.60 (OUT)

DMH 473  
RIM: 124.40  
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INV: 120.60 (OUT)

DMH 474  
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INV: 120.70 402  
INV: 120.60 (OUT)

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INV: 120.60 (OUT)

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INV: 120.60 (OUT)

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INV: 120.60 (OUT)

DMH 479  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 480  
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INV: 120.60 (OUT)

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INV: 120.60 (OUT)

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INV: 120.60 (OUT)

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INV: 120.60 (OUT)

DMH 484  
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INV: 120.70 402  
INV: 120.60 (OUT)

DMH 485  
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INV: 120.70 402  
INV: 120.60 (OUT)

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INV: 120.60 (OUT)

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INV: 120.60 (OUT)

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DMH 505  
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DMH 506  
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DMH 509  
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DMH 510  
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DMH 511  
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DMH 513  
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DMH 514  
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INV: 120.60 (OUT)

DMH 515  
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DMH 516  
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INV: 120.60 (OUT)

DMH 517  
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INV: 120.60 (OUT)

DMH 518  
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DMH 519  
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INV: 120.60 (OUT)

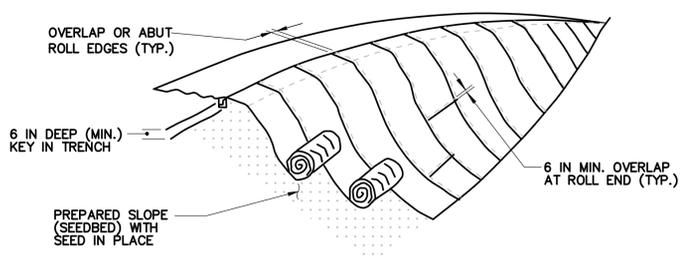
DMH 520  
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INV: 120.60 (OUT)

DMH 521  
RIM: 124.

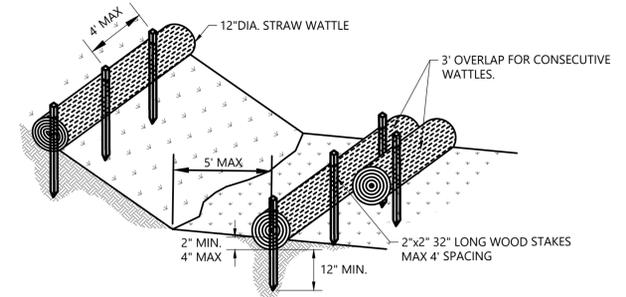




DATE	BY	REVISION

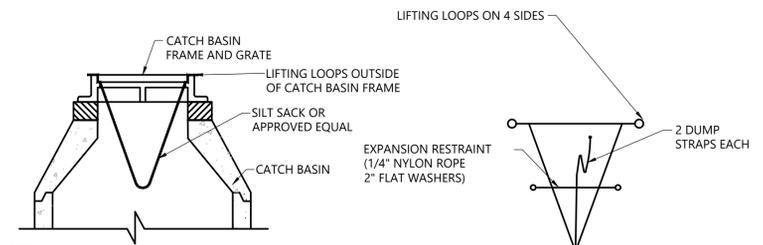


**ISOMETRIC VIEW**



**STRAW WATTLE DETAIL**  
NOT TO SCALE

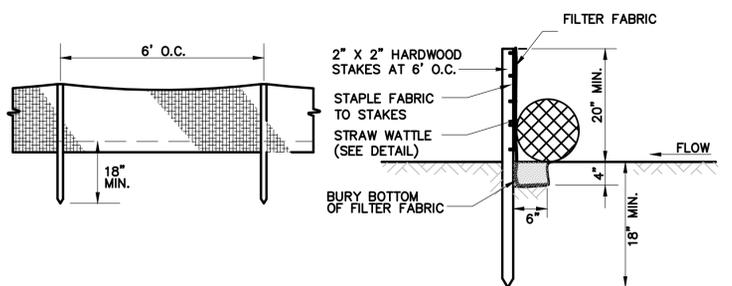
- CONSTRUCTION SPECIFICATIONS**
- JUTE MESH FOR POND SIDE SLOPES AND PERMANENT SLOPES SHALL BE 100% JUTE 15 O.Z./SQ.YD. LOOSELY WOVEN AND BIODEGRADABLE.
  - JUTE MESH SHALL BE MADE OF DEGRADABLE (LASTS 6 MONTHS MAX.) NATURAL FIBERS. MESH STRANDS MUST HAVE UNIFORM THICKNESS AND STRANDS SHALL BE EVENLY SPACED IN BOTH DIRECTIONS.
  - SECURE MATTING USING STEEL OR BIODEGRADABLE STAPLES, SPACED AT LEAST 12 INCHES ON CENTER.
  - PERFORM FINAL GRADING, TOPSOIL APPLICATION, SEEDBED PREPARATION, AND PERMANENT SEEDING IN ACCORDANCE WITH SPECIFICATIONS. PLACE MATTING WITHIN 48 HOURS OF COMPLETING SEEDING OPERATIONS UNLESS END OF WORKDAY STABILIZATION IS SPECIFIED ON THE APPROVED EROSION & SEDIMENT CONTROL PLAN.
  - UNROLL MATTING DOWN-SLOPE. LAY MAT SMOOTHLY AND FIRMLY UPON THE SEEDED SURFACE. AVOID STRETCHING THE MATTING.
  - OVERLAP OR ABUT ROLL EDGES PER MANUFACTURER RECOMMENDATIONS. OVERLAP ROLL ENDS BY 6 INCHES (MINIMUM), WITH THE UP-SLOPE MAT OVERLAPPING ON TOP OF THE DOWN-SLOPE MAT.
  - KEY IN THE UP-SLOPE END OF MAT 6 INCHES (MINIMUM) BY DIGGING A TRENCH, PLACING THE MATTING ROLL END IN THE TRENCH, STAPLING THE MAT IN PLACE, REPLACING THE EXCAVATED MATERIAL, AND TAMPING TO SECURE THE MAT END IN THE KEY.
  - STAPLE/STAKE MAT IN A STAGGERED PATTERN ON 4 FOOT (MAXIMUM) CENTERS THROUGHOUT AND 1 FOOT (MAXIMUM) CENTERS ALONG SEAMS, JOINTS, AND ROLL ENDS.
  - ESTABLISH AND MAINTAIN VEGETATION SO THAT REQUIREMENTS FOR ADEQUATE VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET IN ACCORDANCE LANDSCAPE PLANS AND SPECIFICATIONS.



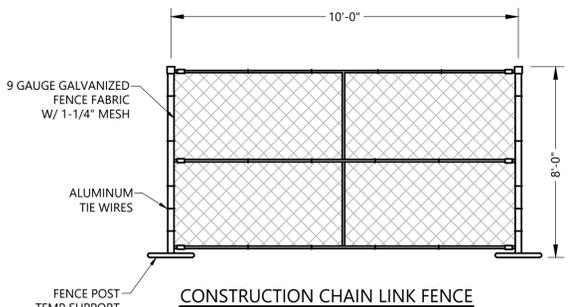
NOTES:  
1. TO BE INSTALLED IN ALL CATCH BASINS THAT COULD RECEIVE RUNOFF FROM DISTURBED AREAS UNTIL COMPLETION OF CONSTRUCTION.

**SILT SACK DETAIL**  
NOT TO SCALE

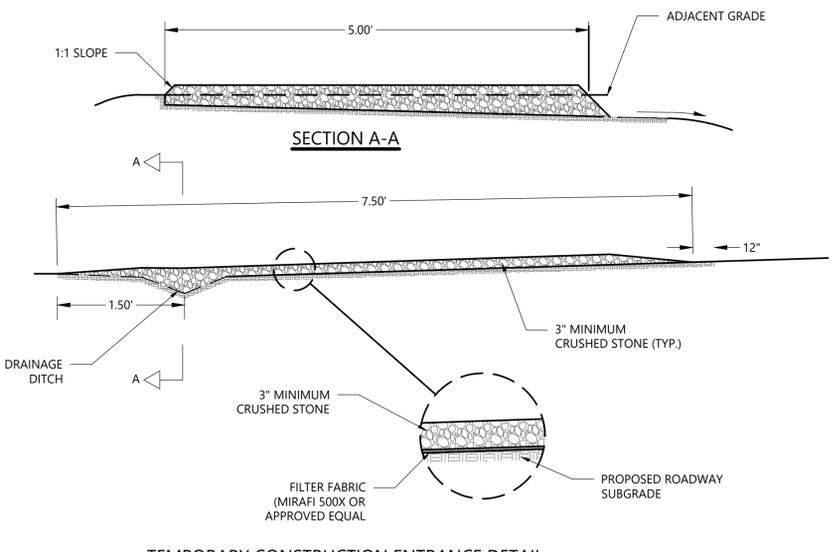
**TEMPORARY SOIL STABILIZATION JUTE MESH SLOPE APPLICATION**  
NOT TO SCALE



**SILTATION FENCE DETAIL**  
NOT TO SCALE



**CONSTRUCTION CHAIN LINK FENCE**  
NOT TO SCALE



**TEMPORARY CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE



Jones Architecture, INC  
10 Derby Square  
Salem, MA 01970  
978.744.5200  
www.jonesarch.com

DATE:  
**02/26/2026**

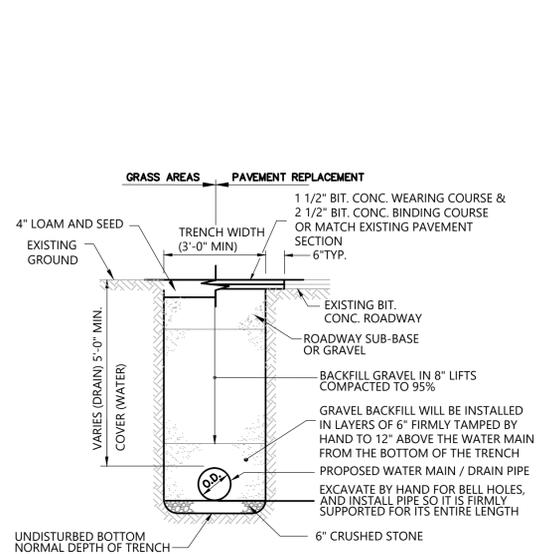
PROJECT NUMBER:  
**2518**

SCALE:  
**1" = 40'**

**DETAILS 1**

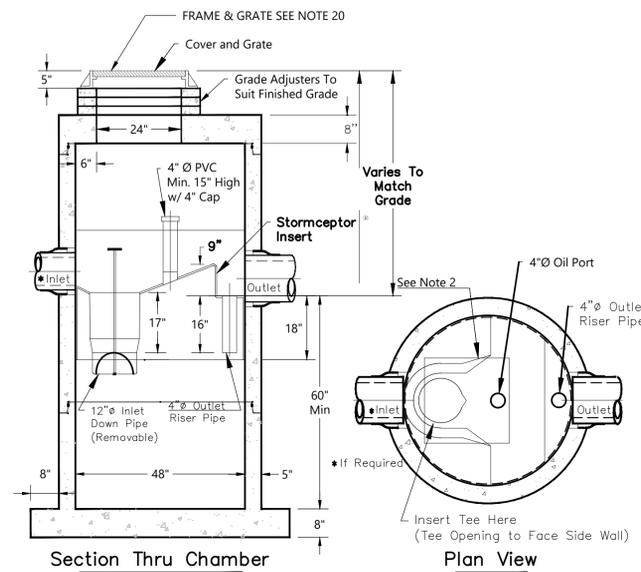


DATE	BY	REVISION



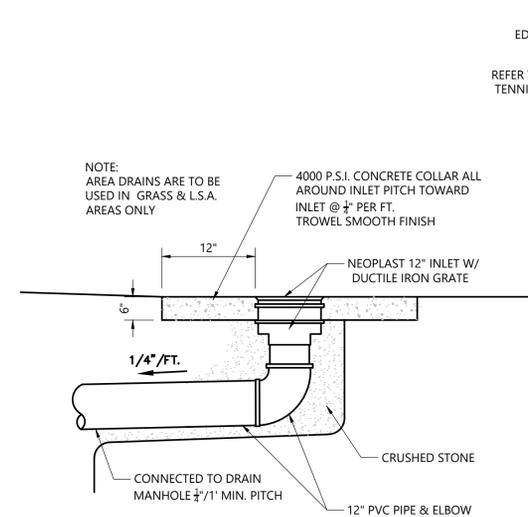
NOTE:  
ALL PIPE TRENCHES WITH LESS THAN TWO FEET OF COVER OVER THE PIPE SHALL BE LINED WITH FILTER FABRIC AND BACKFILLED WITH CRUSHED STONE. FILTER FABRIC SHALL COVER THE TOP OF THE CRUSHED STONE AND OVERLAP A MINIMUM OF ONE FOOT.

**TYPICAL PIPE TRENCH DETAIL**  
NOT TO SCALE

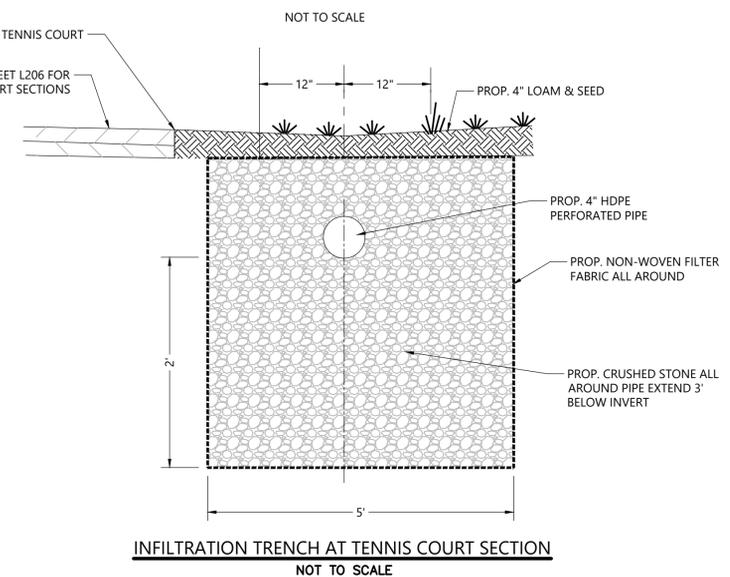


Notes:  
1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.  
2. The Cover Should be Positioned Over The Inlet Drop Pipe and The Oil Port.  
3. Contact a Concrete Pipe Division representative for further details not listed on this drawing.

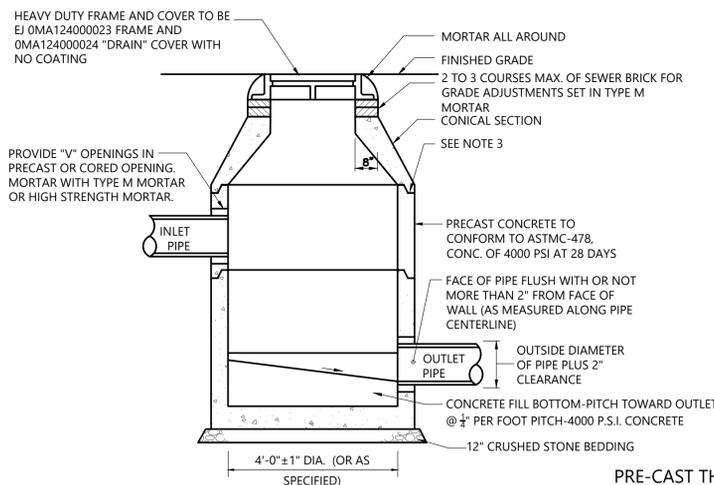
**STC 450i PRECAST CONCRETE STORMCEPTOR®**  
NOT TO SCALE



**AREA DRAIN DETAIL**  
NOT TO SCALE



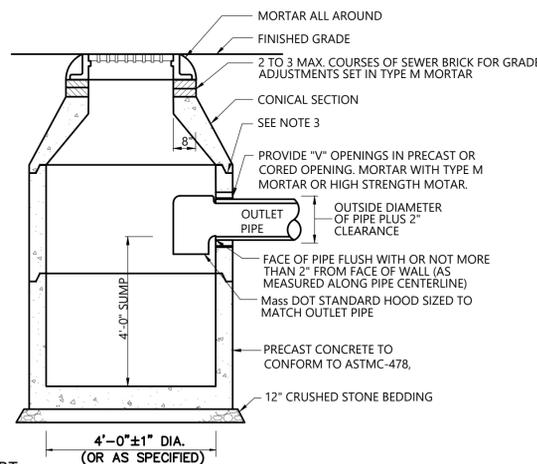
**INFILTRATION TRENCH AT TENNIS COURT SECTION**  
NOT TO SCALE



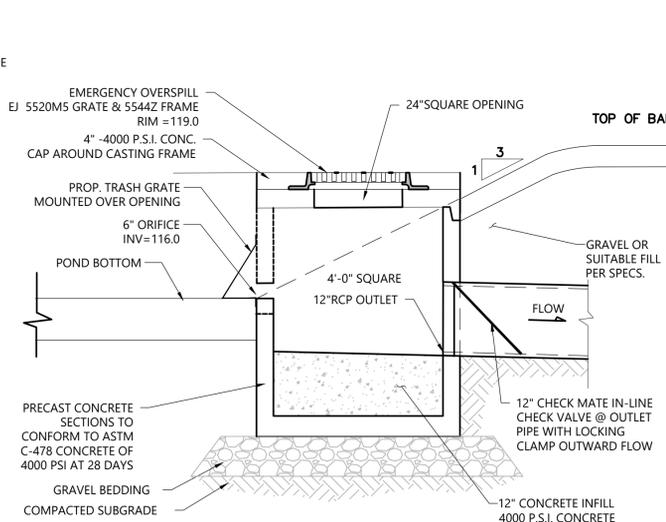
**DRAIN MANHOLE DETAIL**  
NOT TO SCALE

**PRE-CAST THICKNESS CHART**

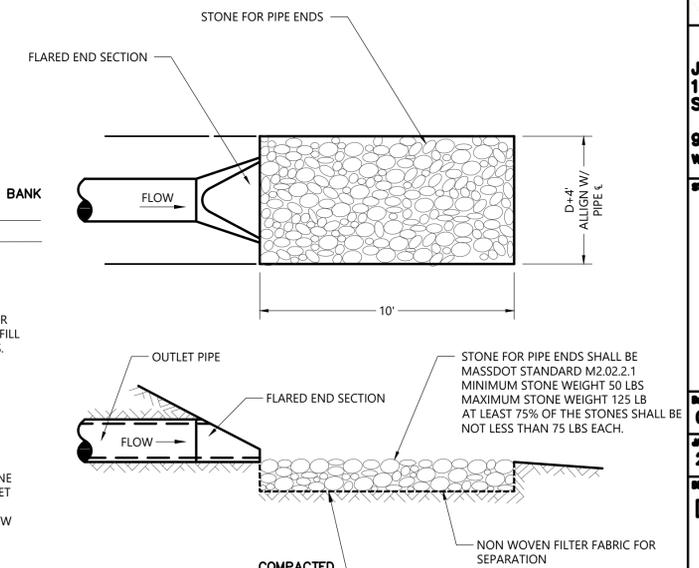
DIAMETER	WALL THICKNESS	FLOOR THICKNESS
4 FT.	5 IN.	6 IN.
5 FT.	6 IN.	7 IN.
6 FT.	7 IN.	8 IN.



**STANDARD CATCH BASIN DETAIL**  
NOT TO SCALE



**OUTLET CONTROL STRUCTURE**  
NOT TO SCALE



**TYPICAL RIP-RAP APRON AT FLARED ENDS**  
NOT TO SCALE