



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	Revision
02/26/2025	02/26/2025	DESIGN DEVELOPMENT (NOI SUBMISSION)
03/10/2025	03/10/2025	DESIGN DEVELOPMENT (PRICING)
04/02/2025	04/02/2025	NOI - COORD. W/ CIVIL DRAWINGS

No.	Date	Revision

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

Brennan Consulting
ENGINEERING • TRANSPORTATION • SURVEYING

JONES ARCH

Jones Architecture, INC
10 Derby Square
Salem, MA 01970

978.744.5200
www.jonesarch.com

STAMP:
NOT FOR CONSTRUCTION

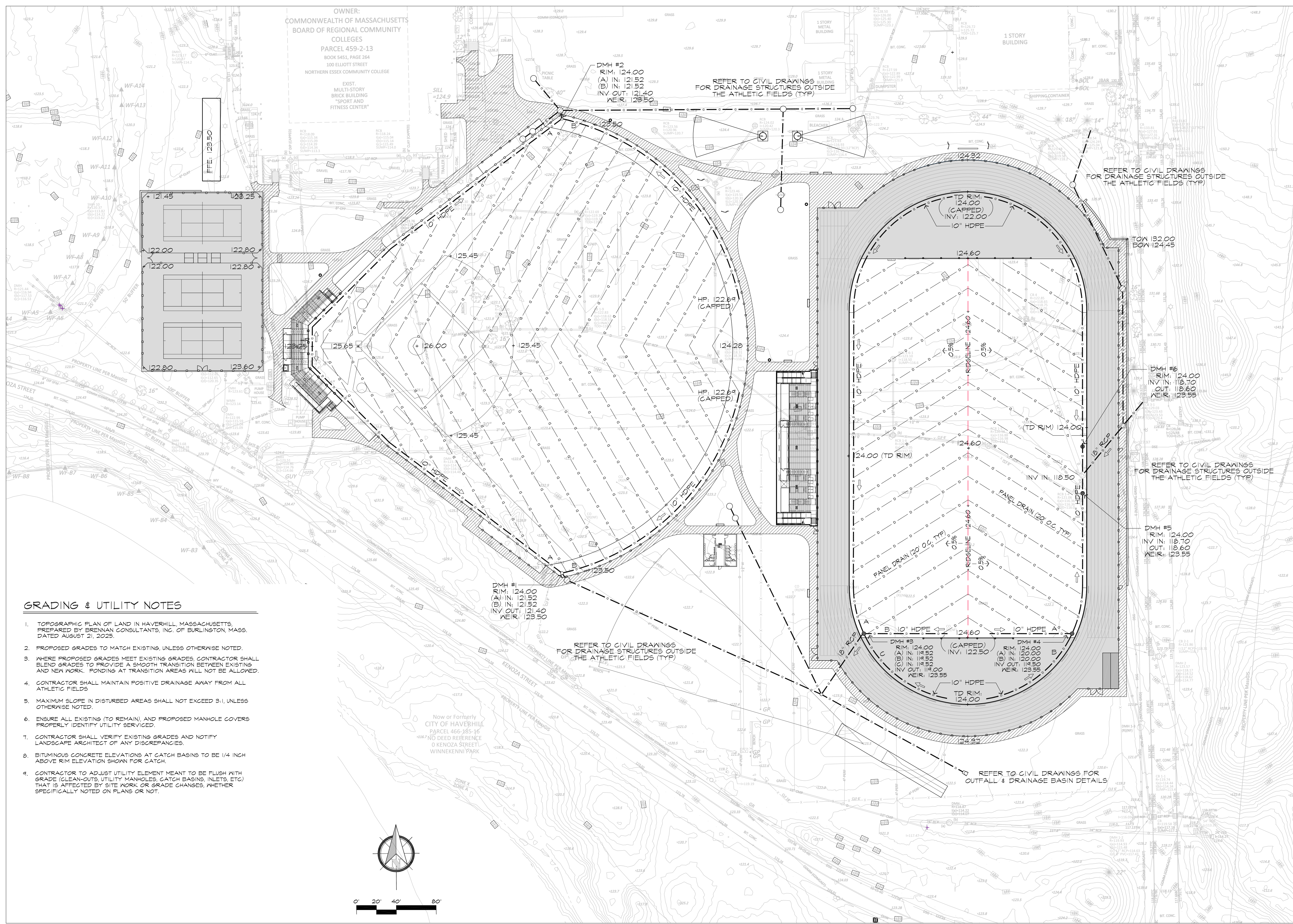


DATE:
02/26/2026

JA PROJECT NUMBER: 2518 SCALE: 1" = 40'

DRAWING TITLE:
**ATHLETIC FIELD
DRAINAGE PLAN**

L102



GRADING & UTILITY NOTES

- TOPOGRAPHIC PLAN OF LAND IN HAVERHILL, MASSACHUSETTS, PREPARED BY BRENNAN CONSULTANTS, INC. OF BURLINGTON, MASS. DATED AUGUST 21, 2025.
- PROPOSED GRADES TO MATCH EXISTING, UNLESS OTHERWISE NOTED.
- 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.
- 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.

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"

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

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

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

REFER TO CIVIL DRAWINGS FOR
OUTFALL & DRAINAGE BASIN DETAILS

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

DMH #1
RIM: 124.00
(A) IN: 121.52
(B) IN: 121.52
INV OUT: 121.40
WEIR: 123.50

DMH #2
RIM: 124.00
(A) IN: 121.52
(B) IN: 121.52
INV OUT: 121.40
WEIR: 123.50

DMH #6
RIM: 124.00
INV IN: 118.70
OUT: 118.60
WEIR: 123.55

DMH #5
RIM: 124.00
INV IN: 118.70
OUT: 118.60
WEIR: 123.55

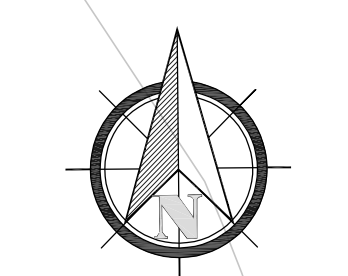
DMH #3 (CAPPED)
RIM: 124.00
(A) IN: 119.50
(B) IN: 119.52
INV OUT: 119.00
WEIR: 123.55

DMH #4 (CAPPED)
RIM: 124.00
(A) IN: 120.00
(B) IN: 119.50
INV OUT: 119.50
WEIR: 123.55

HP: 122.69
(CAPPED)

HP: 122.69
(CAPPED)

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

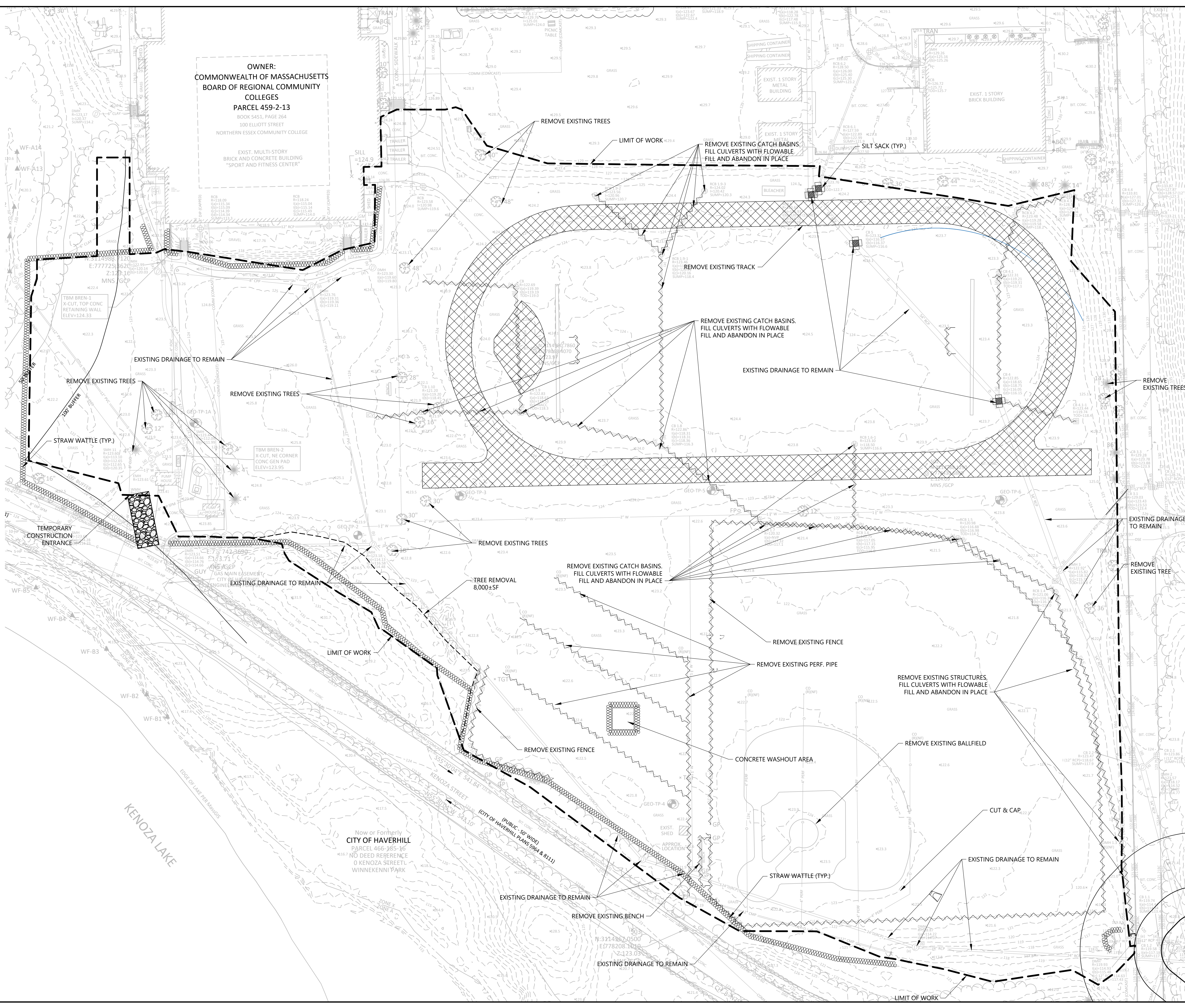


GENERAL EROSION & SEDIMENTATION CONTROL PLAN NOTES:

1. APPLICANT/CONTRACTOR SHALL BE RESPONSIBLE FOR PHYSICALLY MARKING THE LIMITS OF CONSTRUCTION ON THE SITE WITH TAPE, SIGNS, OR ORANGE CONSTRUCTION FENCE, SO THAT WORKERS UNDERSTAND THE AREAS TO BE PROTECTED. THE PHYSICAL MARKERS SHALL BE INSPECTED DAILY AND REPAIRED AS NECESSARY THROUGHOUT THE DURATION OF THE PROJECT.
2. PERIMETER SEDIMENT CONTROL SYSTEM SHALL BE INSTALLED PRIOR TO SOIL DISTURBANCE AND MAINTAINED TO CONTAIN SOILS ON-SITE. AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM MUST NOT BE DISTURBED UNLESS THE APPLICANT HAS OBTAINED PRIOR APPROVAL FROM THE CITY.
3. MEASURES SHALL BE TAKEN TO CONTROL EROSION WITHIN THE PROJECT AREA. SEDIMENT IN RUNOFF WATER SHALL BE TRAPPED AND RETAINED WITHIN THE PROJECT AREA AND STREET SWEEPING OF ADJACENT STREETS AND ROADS SHALL BE INCLUDED WHERE NECESSARY.
4. ALL AREAS OUTSIDE THE SITE SHALL BE PROTECTED FROM SEDIMENT.
5. MONITORING AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION SHALL BE REQUIRED. SEDIMENT SHALL BE REMOVED ONCE THE VOLUME REACHES $\frac{1}{2}$ TO $\frac{3}{4}$ THE HEIGHT OF THE EROSION CONTROL.
6. DIVERT RUNOFF FROM OFFSITE AND UNDISTURBED AREAS AWAY FROM CONSTRUCTION TO MINIMIZE SOIL EROSION AND SEDIMENTATION ON AND OFF-SITE. TEMPORARILY STABILIZE ALL HIGHLY ERODIBLE SOILS AND SLOPES IMMEDIATELY.
7. LAND DISTURBANCE ACTIVITIES EXCEEDING TWO ACRES IN SIZE SHALL NOT BE DISTURBED WITHOUT A SEQUENCING PLAN THAT REQUIRES STORMWATER CONTROLS TO BE INSTALLED AND EXPOSED SOILS STABILIZED, AS DISTURBANCE BEYOND THE TWO ACRES CONTINUES. A CONSTRUCTION PHASING PLAN, INCLUDING EROSION AND SEDIMENT CONTROL PLAN FOR EACH PHASE, SHALL BE SUBMITTED TO THE CITY PRIOR TO ANY CONSTRUCTION ON THE SITE. MASS CLEARINGS AND GRADING OF THE ENTIRE SITE SHALL BE AVOIDED.
8. SOIL STOCKPILES MUST BE STABILIZED OR COVERED AT THE END OF EACH WORKDAY. STOCKPILE SIDE SLOPES SHALL NOT BE GREATER THAN 2:1. ALL STOCKPILES SHALL BE SURROUNDED BY SEDIMENT CONTROLS.
9. DISTURBED AREAS REMAINING IDLE FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED.
10. PERMANENT SEEDING SHALL BE UNDERTAKEN IN THE SPRING FROM MARCH THROUGH MAY, AND IN LATE SUMMER AND EARLY FALL FROM AUGUST TO OCTOBER 15. DURING THE PEAK SUMMER MONTHS AND IN THE FALL AFTER OCTOBER 15, WHEN SEEDING IS FOUND TO BE IMPRACTICAL, AN APPROPRIATE TEMPORARY MULCH AND/OR NON-ASPHALTIC SOIL TACKIFIER WITH WINTER RYE SHALL BE APPLIED. PERMANENT SEEDING MAY BE UNDERTAKEN DURING THE SUMMER IF PLANS PROVIDE FOR ADEQUATE MULCHING AND WATERING.
11. TEMPORARY CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL ENTRANCE/EXIST POINTS OF THE SITE TO REDUCE THE AMOUNT OF SOIL CARRIED ONTO ROADWAYS AND OFF THE SITE. DUST SHALL ALSO BE CONTROLLED AT THE SITE.
12. ALL SLOPES STEEPER THAN 3:1 (H:V, 33.3%), AS WELL AS PERIMETER DIKES, SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS MUST, UPON COMPLETION, BE IMMEDIATELY STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES.
13. TEMPORARY SEDIMENT TRAPPING DEVICES MUST NOT BE REMOVED UNTIL PERMANENT STABILIZATION IS ESTABLISHED IN ALL CONSTRUCTION AREAS ASSOCIATED WITH THE PROJECT. SIMILARLY, STABILIZATION MUST BE ESTABLISHED PRIOR TO CONVERTING TEMPORARY SEDIMENT TRAPS/BASINS INTO PERMANENT (POST-CONSTRUCTION) STORMWATER MANAGEMENT FACILITIES. ALL FACILITIES USED FOR TEMPORARY MEASURES SHALL BE CLEANED AND RE-STABILIZED PRIOR TO BEING PUT INTO FINAL OPERATION.
14. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AFTER FINAL SITE STABILIZATION. DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED WITHIN 30 DAYS OF REMOVAL.
15. CONTRACTOR SHALL ENSURE THAT STORMWATER BMPs INSTALLED DURING CONSTRUCTION WILL BE PROTECTED FROM COMPACTION, SILTATION, AND EROSION, OR WILL BE RESTORED OR REPLACED SUCH THAT THE BMP WILL BE CAPABLE OF FUNCTIONING AS DESIGNED IN ACCORDANCE WITH THE CITY OF HAVERHILL STORMWATER REGULATIONS AND MASSDEP STORMWATER REGULATIONS.
16. CONSTRUCTION PHASE RUNOFF SHALL NOT ENTER INFILTRATION PRACTICES.

SITE DUST CONTROL REQUIREMENTS

1. THE CONTRACTOR SHALL MITIGATE ALL DEMOLITION AND CONSTRUCTION DUST GENERATED ON THE PROJECT SITE REGARDLESS OF THE ACTIVITY BEING PERFORMED.
2. THE CONTRACTOR SHALL PROVIDE WATER FOR DUST CONTROL AND PUMPS AND HOSES ON SITE AT ALL TIMES TO MANAGE DUST DURING AND AFTER DEMOLITION.
3. THE CONTRACTOR SHALL EMPLOY TECHNIQUES SUCH AS WET SWEEPING, WATERING DOWN WITH HOSES AND PREEMPTIVE CLEANING TO MITIGATE DUST GENERATION FROM ALL OPERATIONS.
4. SAW CUTTING SHALL BE DONE USING SAWS THAT ARE EQUIPPED WITH SPRAY ATTACHMENTS THAT WILL ADEQUATELY WET DEBRIS GENERATED FROM CUTTING FROM BECOMING AIR-BORN.



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"

TBM BREN-2
X-CUT, NE CORNER
CONC GEN PAD
ELEV=123.95

GUY
GAS MAIN EASEMENT
CITY ENGINEER

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



PROJECT NAME:
NECC ATHLETIC FIELD
RENOVATIONS

PROJECT #:
P0033625

CLIENT:
NORTHERN ESSEX
COMMUNITY COLLEGE

PHASE/ISSUE:
DESIGN DEVELOPMENT

ISSUE LOG:	Date	Issue Title

REVISIONS:	No.	Date	Revision



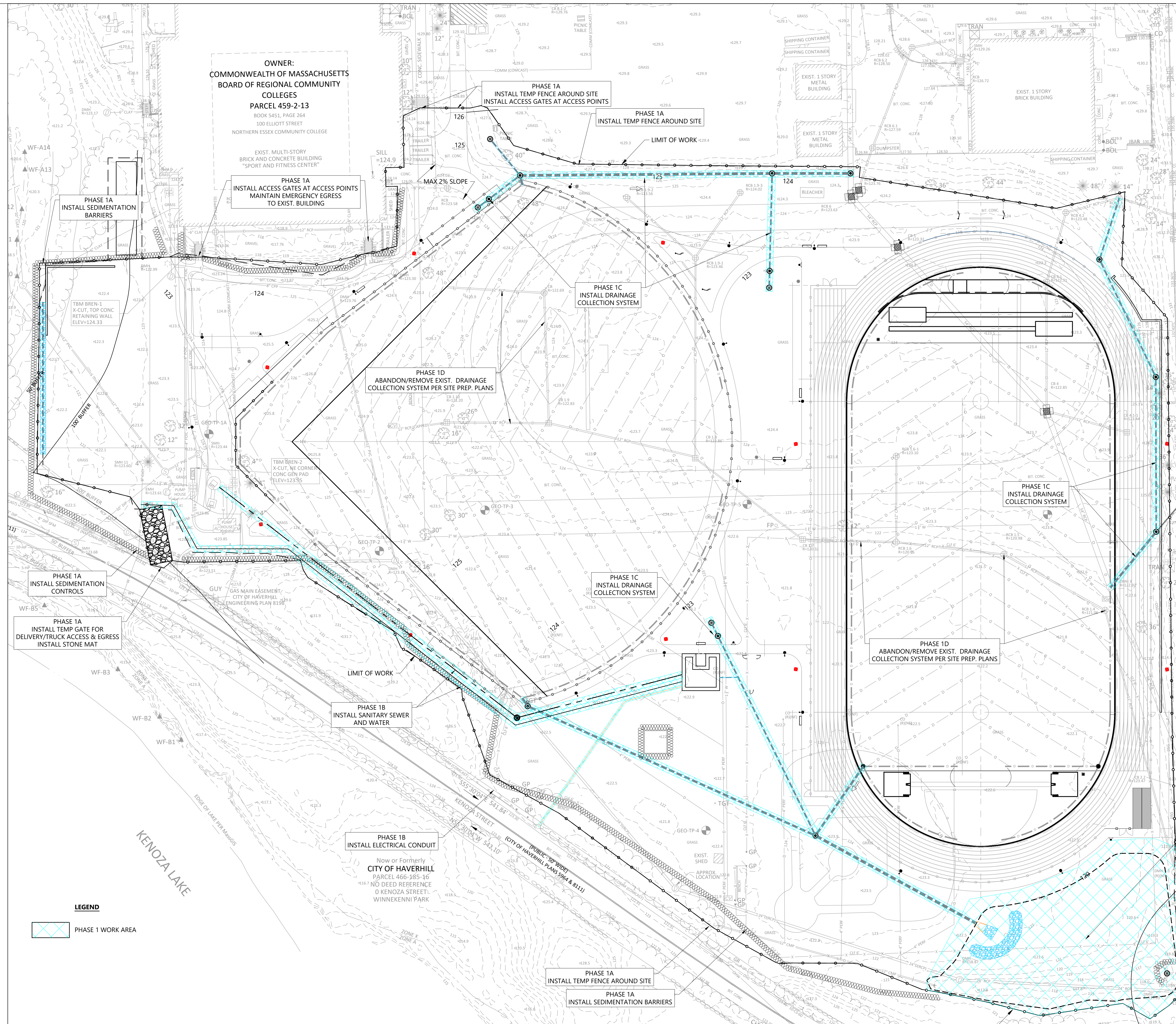
CONSULTANT:
Brennan Consulting
A WBE & DBE Certified Business

JONES ARCH

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

DATE:
03/10/2026
JA PROJECT NUMBER:
2518
SCALE:
1" = 40'

DRAWING TITLE:
SITE
PREPARATION
PLAN
C-00



OWNER:
COMMONWEALTH OF MASSACHUSETTS
BOARD OF REGIONAL COMMUNITY
COLLEGES
PARCEL 459-2-13
BOOK 545.1, PAGE 264
100 ELLIOTT STREET
NORTHERN ESSEX COMMUNITY COLLEGE

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

PHASE 1A
INSTALL ACCESS GATES AT ACCESS POINTS
MAINTAIN EMERGENCY EGRESS
TO EXIST. BUILDING

PHASE 1A
INSTALL TEMP FENCE AROUND SITE
INSTALL ACCESS GATES AT ACCESS POINTS

PHASE 1A
INSTALL TEMP FENCE AROUND SITE

LIMIT OF WORK

PHASE 1C
INSTALL DRAINAGE
COLLECTION SYSTEM

PHASE 1D
ABANDON/REMOVE EXIST. DRAINAGE
COLLECTION SYSTEM PER SITE PREP. PLANS

PHASE 1C
INSTALL DRAINAGE
COLLECTION SYSTEM

PHASE 1C
INSTALL DRAINAGE
COLLECTION SYSTEM

PHASE 1D
ABANDON/REMOVE EXIST. DRAINAGE
COLLECTION SYSTEM PER SITE PREP. PLANS

PHASE 1B
INSTALL SANITARY SEWER
AND WATER

PHASE 1B
INSTALL ELECTRICAL CONDUIT

PHASE 1A
INSTALL TEMP FENCE AROUND SITE

PHASE 1A
INSTALL SEDIMENTATION BARRIERS

- CONSTRUCTION PHASING NOTES: PHASE 1**
- HOURS OF OPERATION: THE CONTRACTOR SHALL SCHEDULE ALL CONSTRUCTION OPERATIONS WORKING IN ACCORDANCE WITH THE CITY OF HAVERHILL CHAPTER 182 NOISE ORDINANCE SUB PARAGRAPH 182.7 CONSTRUCTION NOISE LEVELS AT RESIDENTIAL AREAS.
 - THE CONTRACTOR SHALL NOTE THAT THE EXISTING NECC BUILDINGS WILL REMAIN OPEN AND MAY BE IN SESSION WHILE THE CONSTRUCTION WORK IS ON-GOING AND THE CONTRACTOR UNDERSTANDS THAT THIS CONDITION MAY RESTRICT PORTIONS OF THE WORK INCLUDED UNDER THIS CONTRACT.
 - THE CONTRACTOR SHALL SUBMIT A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO THE CONSERVATION COMMISSION FOR APPROVAL BEFORE ANY WORK ON THE SITE BEGINS.
 - CONSERVATION COMMISSION COORDINATION REQUIRED: THE CONTRACTOR'S PROJECT MANAGEMENT TEAM SHALL MEET WITH THE CITY OF HAVERHILL CONSERVATION COMMITTEE'S DESIGNATED REPRESENTATIVE TO ALLOW THE INSPECTION AND APPROVAL OF THE SEDIMENTATION CONTROLS BEFORE STARTING ANY CONSTRUCTION ACTIVITIES.
 - THE CONTRACTOR SHALL ABIDE BY ALL RESTRICTIONS, CONDITIONS AND REQUIREMENTS INCLUDED IN THE CONSERVATION COMMISSION ORDER OF CONDITIONS.
 - SCHEDULING DELIVERIES AND TRIPS TO AND FROM THE SITE: DELIVERIES OF MATERIALS OR REMOVAL OF EXCESS MATERIALS MADE BY THE CONTRACTOR TO OR FROM THE SITE SHALL DURING APPROVED CITY OF HAVERHILL HOURS OF OPERATION ONLY.
 - GRADING TRANSITIONS BETWEEN PROPOSED AND EXISTING AREAS SHALL BE SLOPED NOT MORE THAN 3 HORIZONTAL TO 1 VERTICAL SLOPES LEFT IN PLACE MORE THAN TWO WEEKS SHALL BE TEMPORARILY SEEDED FOR EROSION CONTROL.
 - MAINTENANCE OF EXISTING SCHOOL UTILITIES THROUGH THE EXISTING SITE, INCLUDING BUT NOT LIMITED TO SANITARY SEWER, SEWER PUMP STATION, WATER, IRRIGATION, ALL VALVES, COMMUNICATIONS, ELECTRICAL AND DRAINAGE ACCESS TO ALL FACILITIES AND CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
 - MAINTENANCE OF EXISTING DRAINAGE SYSTEM: THE CONTRACTOR SHALL MAINTAIN THE EXISTING DRAINAGE SYSTEM DURING CONSTRUCTION. THIS INCLUDES DRAINAGE OF THE EXISTING BUILDINGS, ACCESS DRIVES AND PARKING AREAS. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE FOR THESE FACILITIES UNTIL SUCH TIME THAT THE EXISTING SITE IS DEMOLISHED AND THE PROPOSED DRAINAGE SYSTEM IS ACTIVE. ALL TEMPORARY DRAINAGE CONNECTIONS PROPOSED BY THE CONTRACTOR SHALL BE OF CONSTRUCTED USING THE SAME PIPE SIZES AS THE EXISTING PIPE AND SHALL BE WATER TIGHT. TEMPORARY DRAINS SHALL BE REMOVED OR ABANDONED BY FILLING THE ABANDONED SECTION WITH CONTROL DENSITY FILL EXCAVATABLE AS NOTED ON THE PLANS.
 - MAINTENANCE OF PEDESTRIAN AND VEHICULAR ACCESS: THE CONTRACTOR SHALL PROVIDE TEMPORARY ACCESS FOR PEDESTRIANS REQUIRED TO ACCOMMODATE EMERGENCY ACCESS TO BUILDINGS AND PROVIDE ACCESS TO THE PARKING LOT AND BUILDINGS ADJACENT TO THE SEWER PUMP STATION.
 - TRAFFIC MANAGEMENT REQUIRED: KENOZA ROAD SHALL BE OPEN TO TRAFFIC AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL TRAFFIC POLICE DETAILS AND TRAFFIC CONTROL DEVICES NEEDED TO CONTROL VEHICLE TRAFFIC DURING VEHICLE DELIVERIES AND DEPARTURES.
 - THE PROPOSED DRAINAGE COLLECTION SYSTEM SHALL BE INSTALLED DURING PHASE 1. THE EXTENT OF THE DRAINAGE SYSTEM TO BE INSTALLED DURING PHASE 1 VARIES BASED ON THE CONTRACTOR'S OVERALL METHOD AND STAGING OF THE SITES CONSTRUCTION.
 - PHASE 1 PAVEMENT: THE CONTRACTOR SHALL PAVE ANY TRENCHES THROUGH PAVED AREAS TO BINDER LAYER WITH THE CASTINGS SET TO THE BINDER GRADE TO MITIGATE EROSION.



PROJECT NAME:
NECC ATHLETIC FIELD
RENOVATIONS

PROJECT #:
P0033625

CLIENT:
NORTHERN ESSEX
COMMUNITY COLLEGE

PHASE/ISSUE:
DESIGN DEVELOPMENT

ISSUE LOG:

Date	Issue Title

REVISIONS:

No.	Date	Revision

CONSULTANT:

Brennan Consulting
CONSULTING • TRANSPORTATION • SURVEYING
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Salem, MA 01970

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www.jonesarch.com

DATE:
03/10/2026

JA PROJECT NUMBER:
2518

SCALE:
1" = 40'

DRAWING TITLE:
PHASING PLAN
1 OF 2

PH-01

LEGEND

PHASE 1 WORK AREA

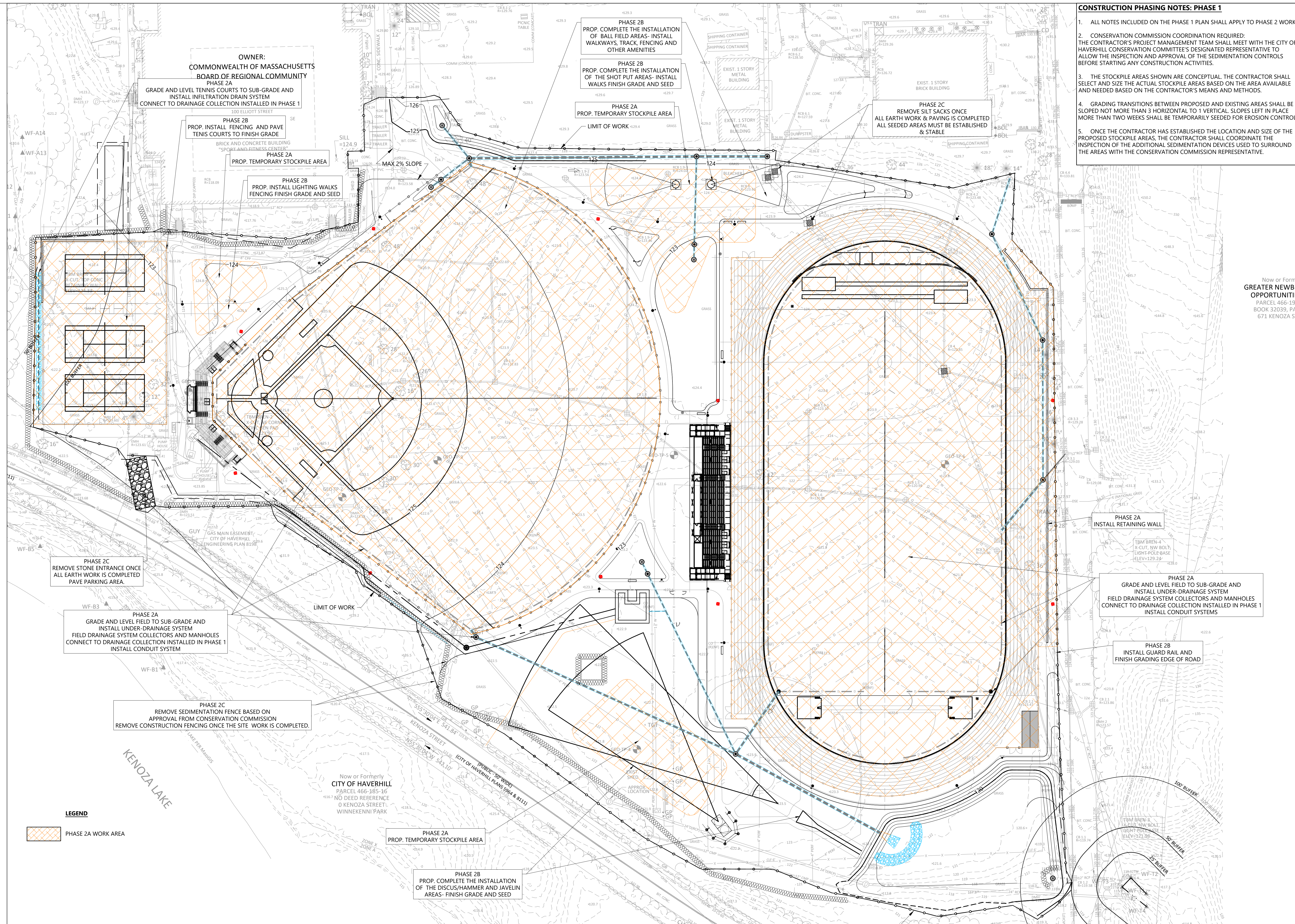
Now or Formerly
CITY OF HAVERHILL
PARCEL 460-305-16
NO DEED REFERENCE
O KENOZA STREET,
WINNEKENNI PARK

KENOZA LAKE

KENOZA STREET
(CITY OF HAVERHILL PLANS SPA & B111)

PHASE 1B
INSTALL DRAINAGE OUTLET CONTROL
STRUCTURE, OUTFALL PIPE AND FLARED
END, STONE & SEDIMENT FORE-BAY
RE-GRADE AREA, INSTALL LUTE MESH
AND SEED POND SLOPE AND BOTTOM
BEFORE ANY PROPOSED DRAINAGE IS
CONNECTED TO THE OUTFALL

PHASE 1B
INSTALL DRAINAGE OUTLET CONTROL
STRUCTURE, OUTFALL PIPE AND FLARED
END, STONE & SEDIMENT FORE-BAY
RE-GRADE AREA, INSTALL LUTE MESH
AND SEED POND SLOPE AND BOTTOM
BEFORE ANY PROPOSED DRAINAGE IS
CONNECTED TO THE OUTFALL



- CONSTRUCTION PHASING NOTES: PHASE 1**
1. ALL NOTES INCLUDED ON THE PHASE 1 PLAN SHALL APPLY TO PHASE 2 WORK.
 2. CONSERVATION COMMISSION COORDINATION REQUIRED: THE CONTRACTOR'S PROJECT MANAGEMENT TEAM SHALL MEET WITH THE CITY OF HAVERHILL CONSERVATION COMMITTEE'S DESIGNATED REPRESENTATIVE TO ALLOW THE INSPECTION AND APPROVAL OF THE SEDIMENTATION CONTROLS BEFORE STARTING ANY CONSTRUCTION ACTIVITIES.
 3. THE STOCKPILE AREAS SHOWN ARE CONCEPTUAL. THE CONTRACTOR SHALL SELECT AND SIZE THE ACTUAL STOCKPILE AREAS BASED ON THE AREA AVAILABLE AND NEEDED BASED ON THE CONTRACTOR'S MEANS AND METHODS.
 4. GRADING TRANSITIONS BETWEEN PROPOSED AND EXISTING AREAS SHALL BE SLOPED NOT MORE THAN 3 HORIZONTAL TO 1 VERTICAL. SLOPES LEFT IN PLACE MORE THAN TWO WEEKS SHALL BE TEMPORARILY SEEDED FOR EROSION CONTROL.
 5. ONCE THE CONTRACTOR HAS ESTABLISHED THE LOCATION AND SIZE OF THE PROPOSED STOCKPILE AREAS, THE CONTRACTOR SHALL COORDINATE THE INSPECTION OF THE ADDITIONAL SEDIMENTATION DEVICES USED TO SURROUND THE AREAS WITH THE CONSERVATION COMMISSION REPRESENTATIVE.



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NECC ATHLETIC FIELD RENOVATIONS

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P0033625

CLIENT:
NORTHERN ESSEX COMMUNITY COLLEGE

PHASE/ISSUE:
DESIGN DEVELOPMENT

ISSUE LOG:

Date	Issue Title

Now or Formerly
GREATER NEWBURY OPPORTUNITIES
PARCEL 466-195
BOOK 32039, PAGE 671 KENOZA STREET

REVISIONS:

No.	Date	Revision



JONES ARCH

Jones Architecture, INC
10 Derby Square
Salem, MA 01970

978.744.5200
www.jonesarch.com

STAMP:

DATE:
03/10/2026

JA PROJECT NUMBER: 2518
SCALE: 1" = 40'

DRAWING TITLE:
PHASING PLAN
2 OF 2

PH-02



Northern Essex
Community College

PROJECT NAME:
NECC ATHLETIC FIELD
RENOVATIONS

PROJECT #:
P0033625

CLIENT:
NORTHERN ESSEX
COMMUNITY COLLEGE

PHASE/ISSUE:
DESIGN DEVELOPMENT

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CONSULTANT:	No.	Date	Revision

Brennan Consulting
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10 Derby Square
Salem, MA 01970

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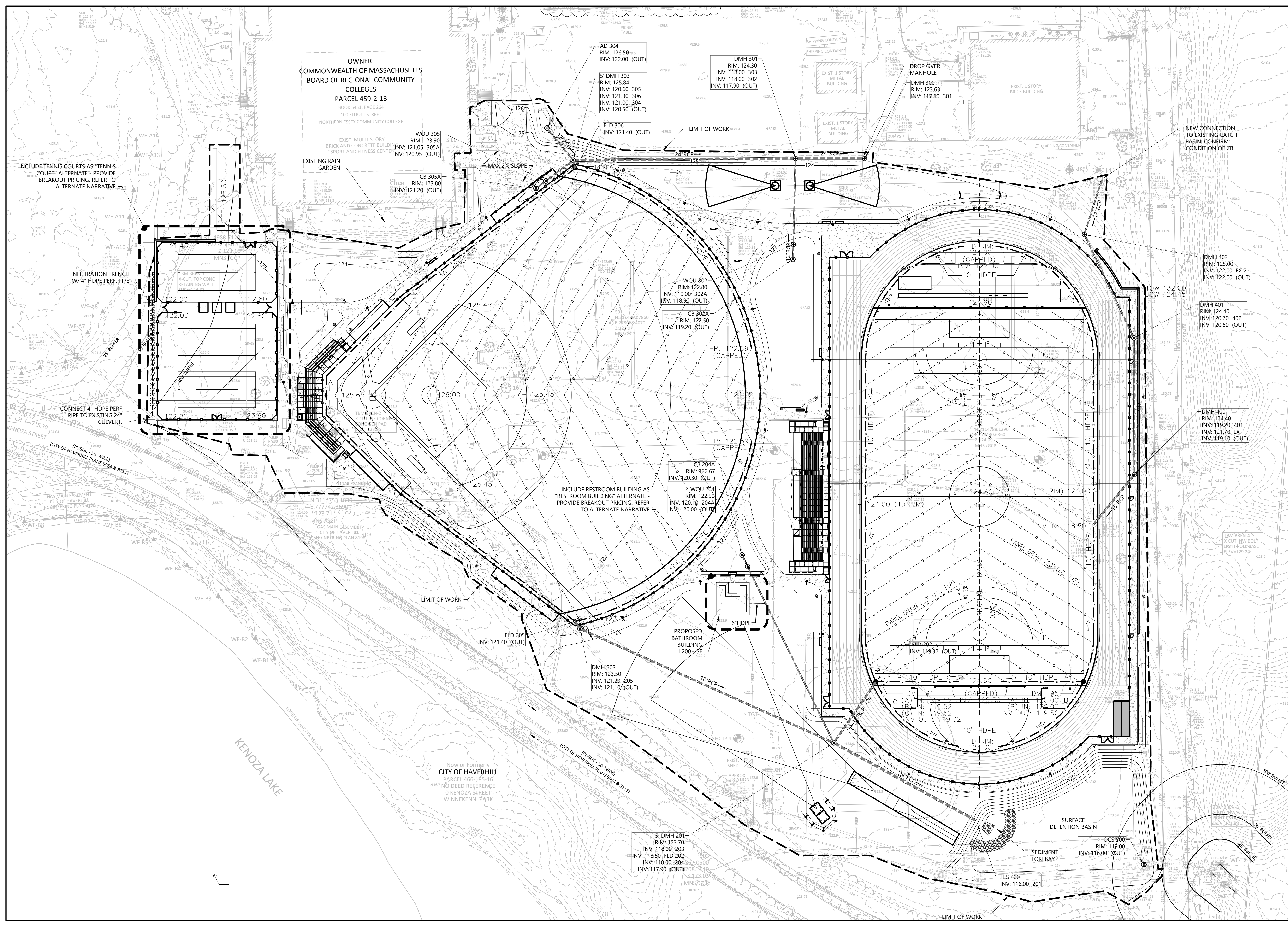
DATE:
03/10/2026

JA PROJECT NUMBER:
2518

SCALE:
1" = 40'

DRAWING 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

INCLUDE TENNIS COURTS AS "TENNIS
COURT" ALTERNATE - PROVIDE
BREAKOUT PRICING. REFER TO
ALTERNATE NARRATIVE

INFILTRATION TRENCH
W/ 4" HDPE PERF. PIPE

CONNECT 4" HDPE PERF
PIPE TO EXISTING 24"
CULVERT.

INCLUDE RESTROOM BUILDING AS
"RESTROOM BUILDING" ALTERNATE -
PROVIDE BREAKOUT PRICING. REFER
TO ALTERNATE NARRATIVE

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

5' DMH 201
RIM: 123.70
INV: 118.00 203
INV: 118.50 FLD 202
INV: 118.00 204
INV: 117.90 (OUT)

DMH 203
RIM: 123.50
INV: 121.20 205
INV: 121.10 (OUT)

WQU 204
RIM: 122.90
INV: 120.10 204A
INV: 120.00 (OUT)

WQU 302
RIM: 122.80
INV: 119.00 302A
INV: 118.90 (OUT)

AD 304
RIM: 126.50
INV: 122.00 (OUT)

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

DROP OVER
MANHOLE
DMH 300
RIM: 123.63
INV: 117.10 301

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

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

DMH 400
RIM: 124.40
INV: 119.20 401
INV: 121.70 EX
INV: 119.10 (OUT)

OCS 900
RIM: 119.00
INV: 116.00 (OUT)

FES 200
INV: 116.00 201

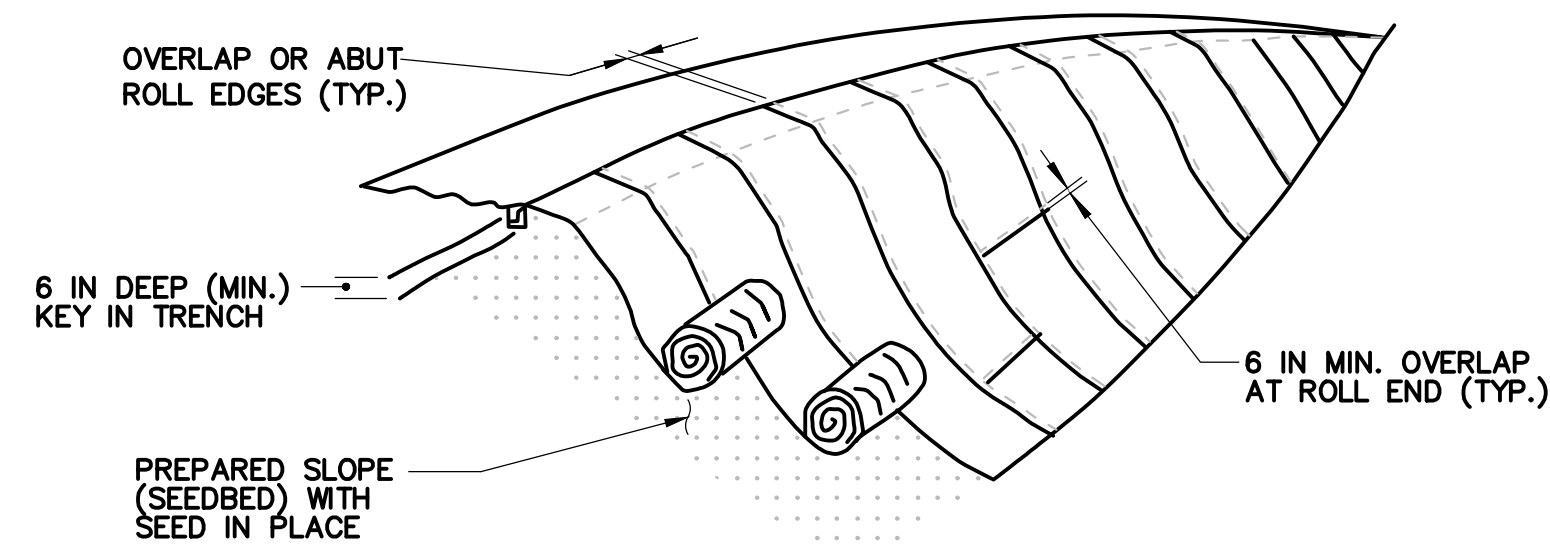


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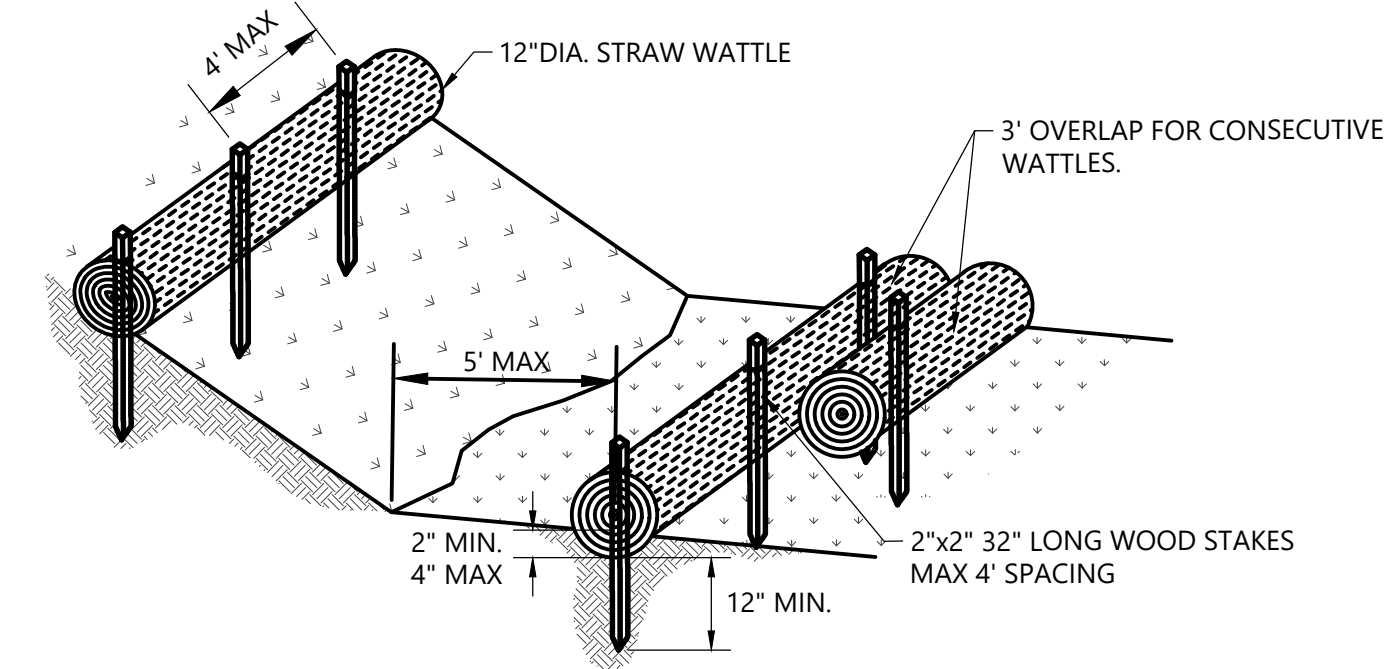
ISOMETRIC VIEW

CONSTRUCTION SPECIFICATIONS

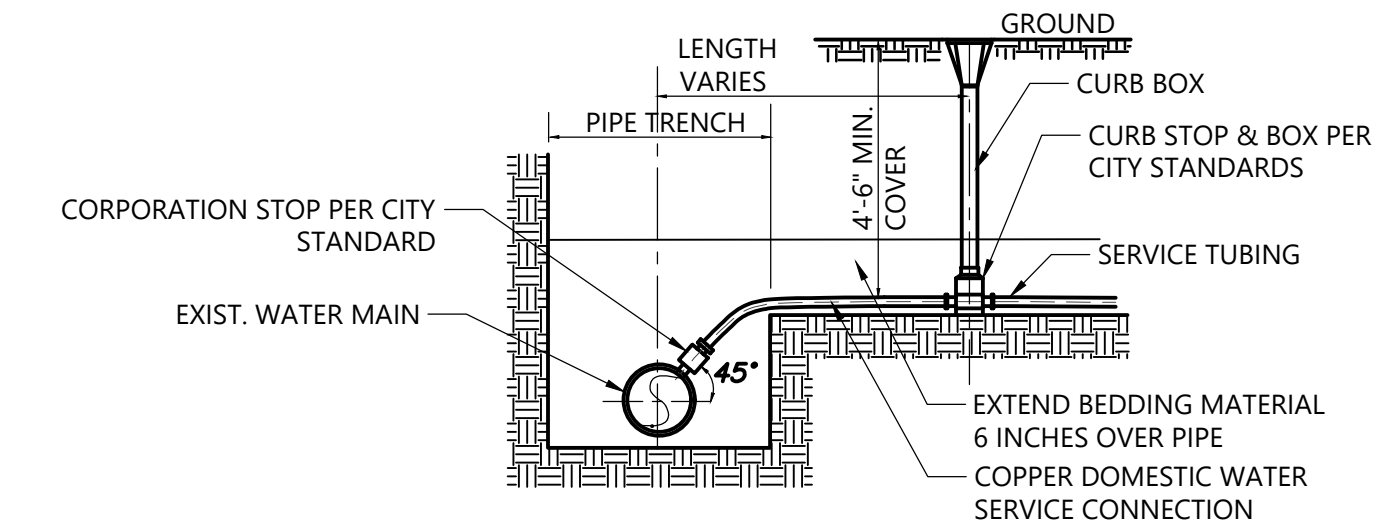
- JUTE MESH FOR POND SIDE SLOPES AND PERMANENT SLOPES SHALL BE 100% JUTE 15 O.Z./SQ.YD. LOOSELY WOVEN AND BIODEGRADABLE.
- JUTE MESH SHALL BE MADE OF DEGRADABLE (LASTS 6 MONTHS MAX.) NATURAL FIBERS. MESH STRANDS MUST HAVE UNIFORM THICKNESS AND STRANDS SHALL BE EVENLY SPACED IN BOTH DIRECTIONS.
- SECURE 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 SEEDBED 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.

TEMPORARY SOIL STABILIZATION JUTE MESH SLOPE APPLICATION

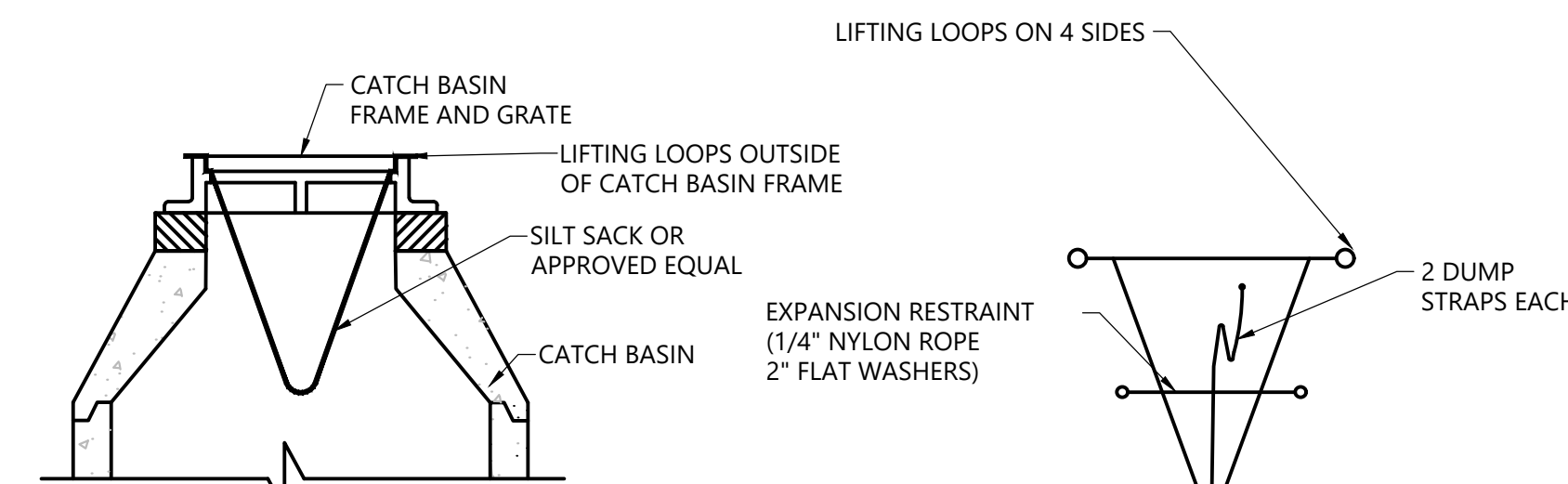
NOT TO SCALE



STRAW WATTLE DETAIL
NOT TO SCALE

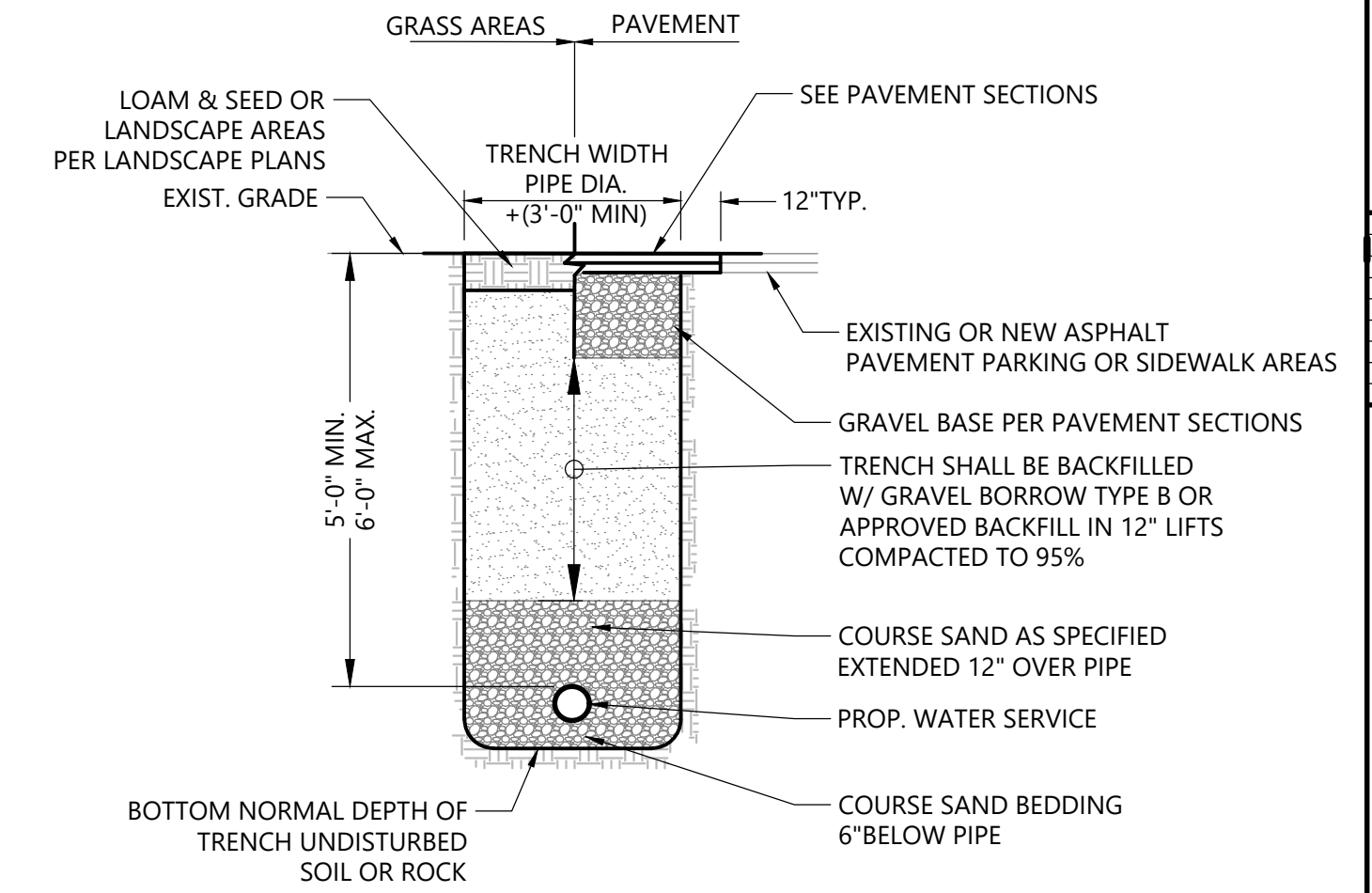


DOMESTIC WATER SERVICE CONNECTION
(NOT TO SCALE)

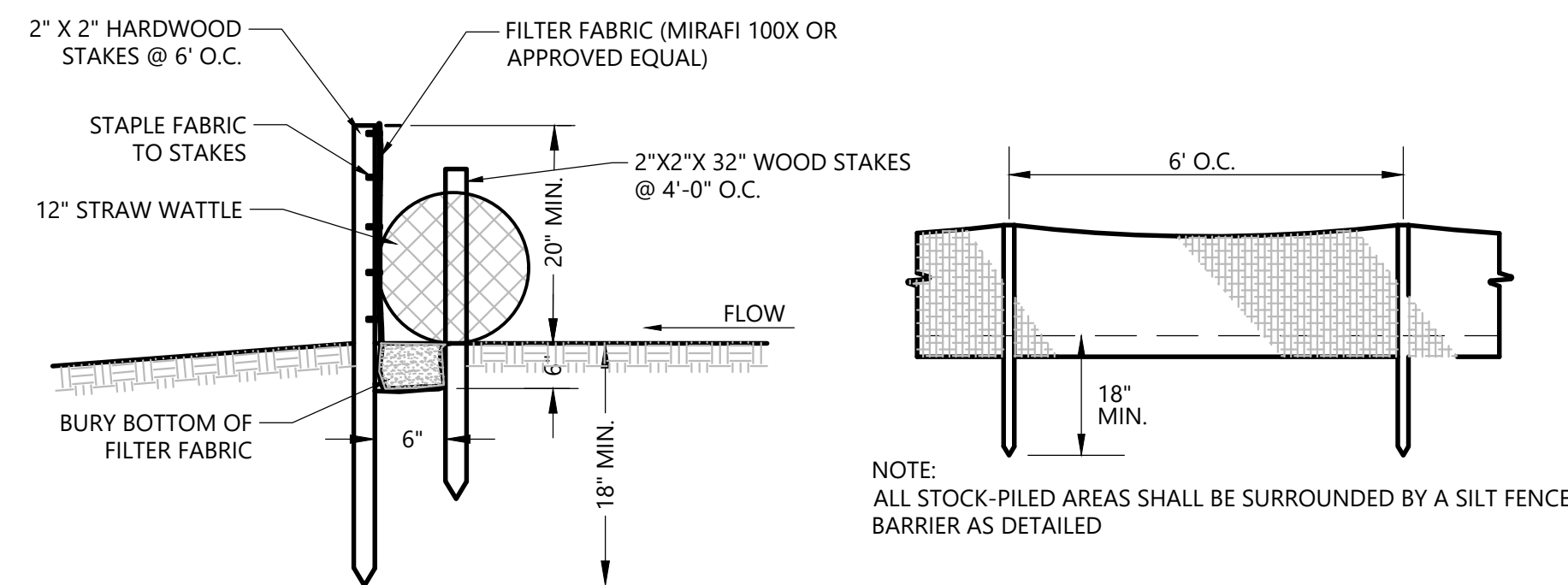


NOTES:
1. TO BE INSTALLED IN ALL CATCH BASINS THAT COULD RECEIVE RUNOFF FROM DISTURBED AREAS UNTIL COMPLETION OF CONSTRUCTION.

SILT SACK DETAIL
NOT TO SCALE

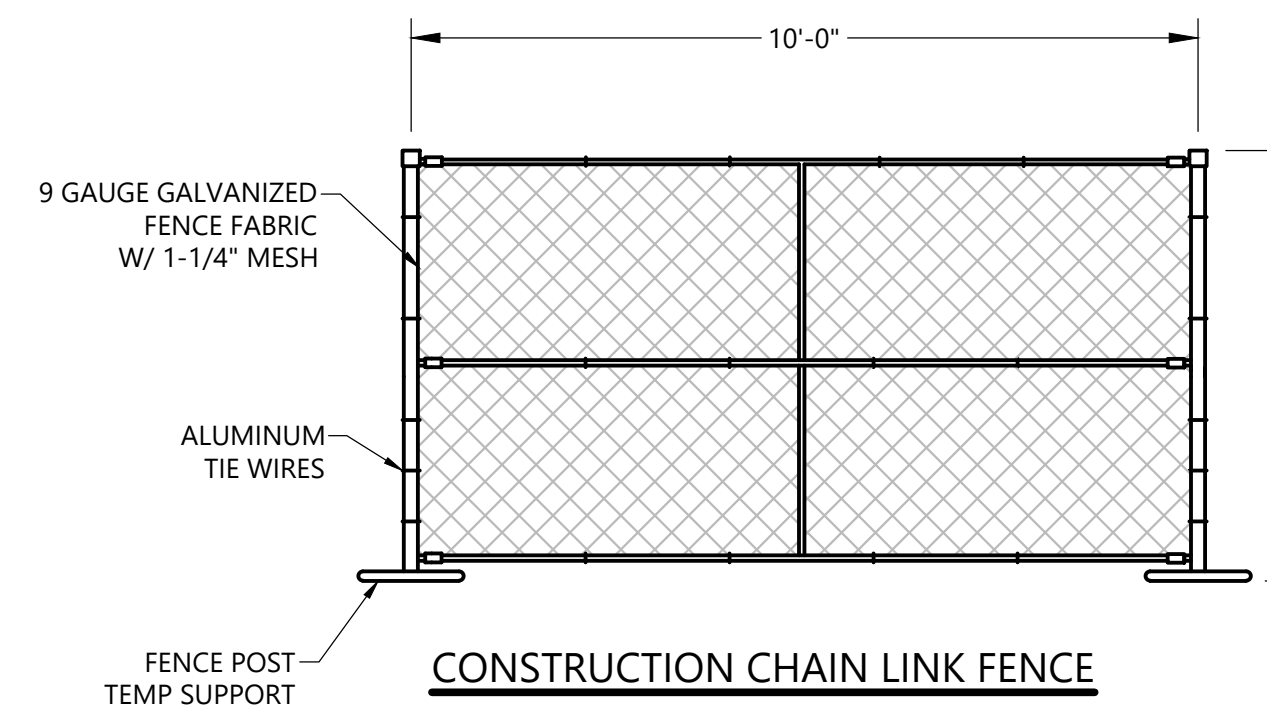


TYPICAL WATER SERVICE TRENCH DETAIL
NOT TO SCALE



NOTE:
ALL SLOPES ADJACENT TO WETLANDS SHALL BE PROTECTED USING AN EROSION BARRIER CONSISTING OF A CONTINUOUS ROW OF STRAW WATTLES ALONG WITH A CONTINUOUS ROW OF SILT FENCE AS DETAILED.

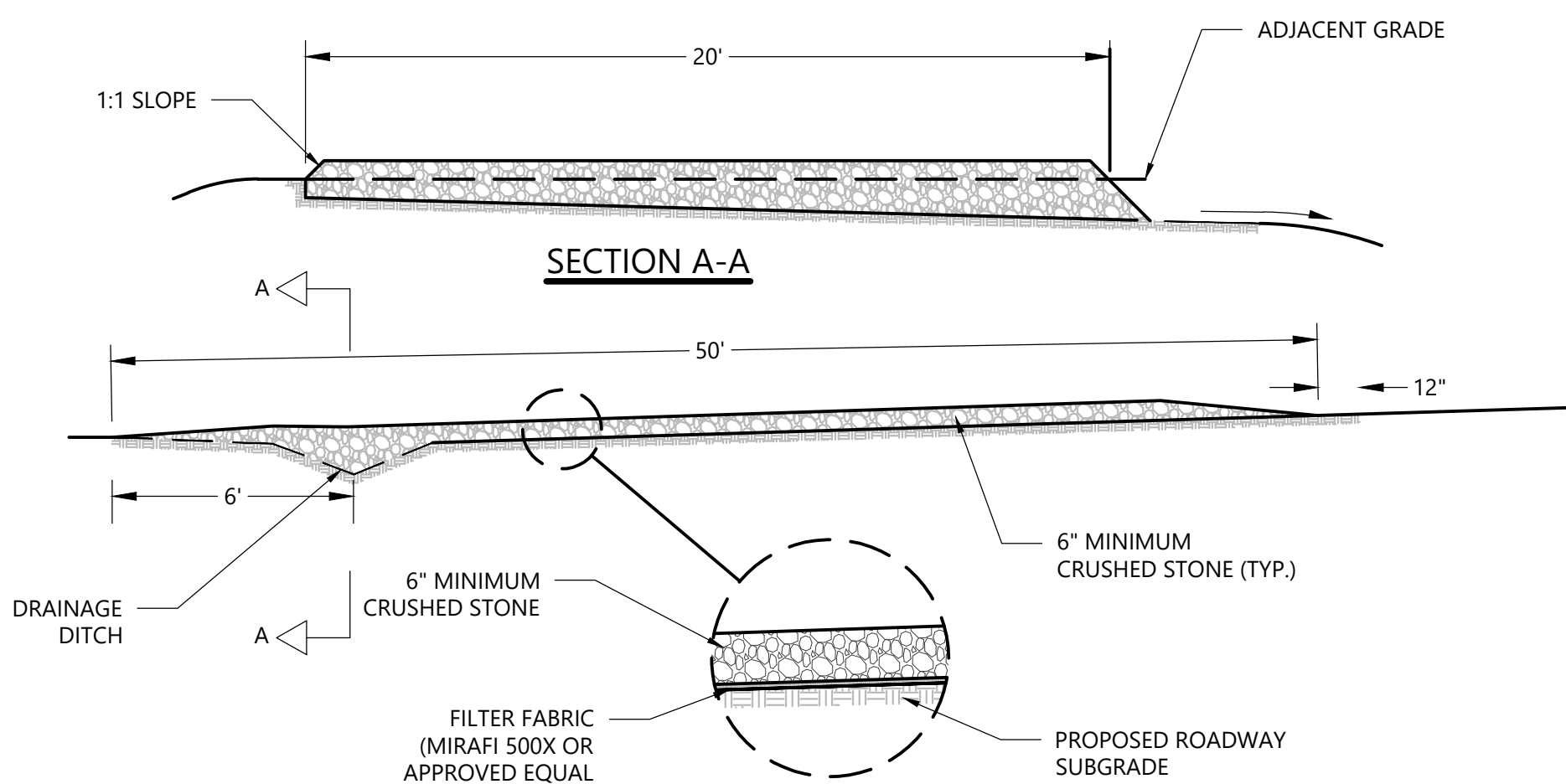
SILTATION FENCE DETAIL
NOT TO SCALE



CONSTRUCTION CHAIN LINK FENCE

TEMPORARY CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



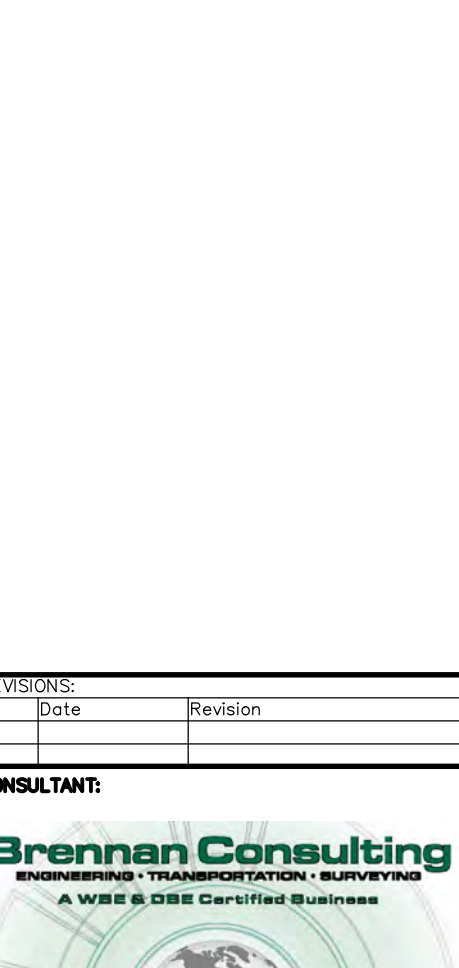
TEMPORARY CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



Date	Issue Title

Revisions:
No. Date Revision

CONSULTANT:



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Salem, MA 01970

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STAMP:

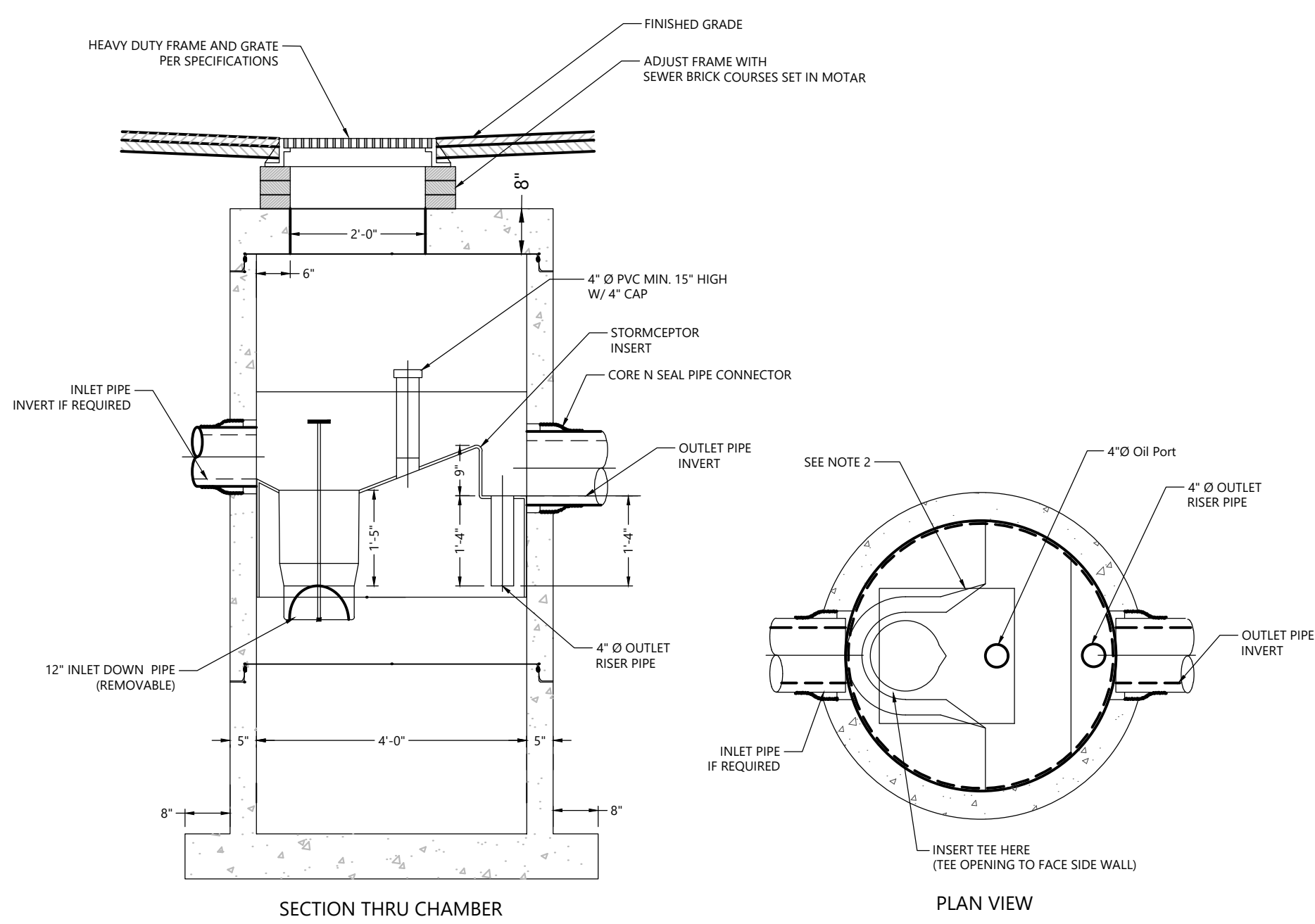
DATE:
03/10/2026

JA PROJECT NUMBER:
2518

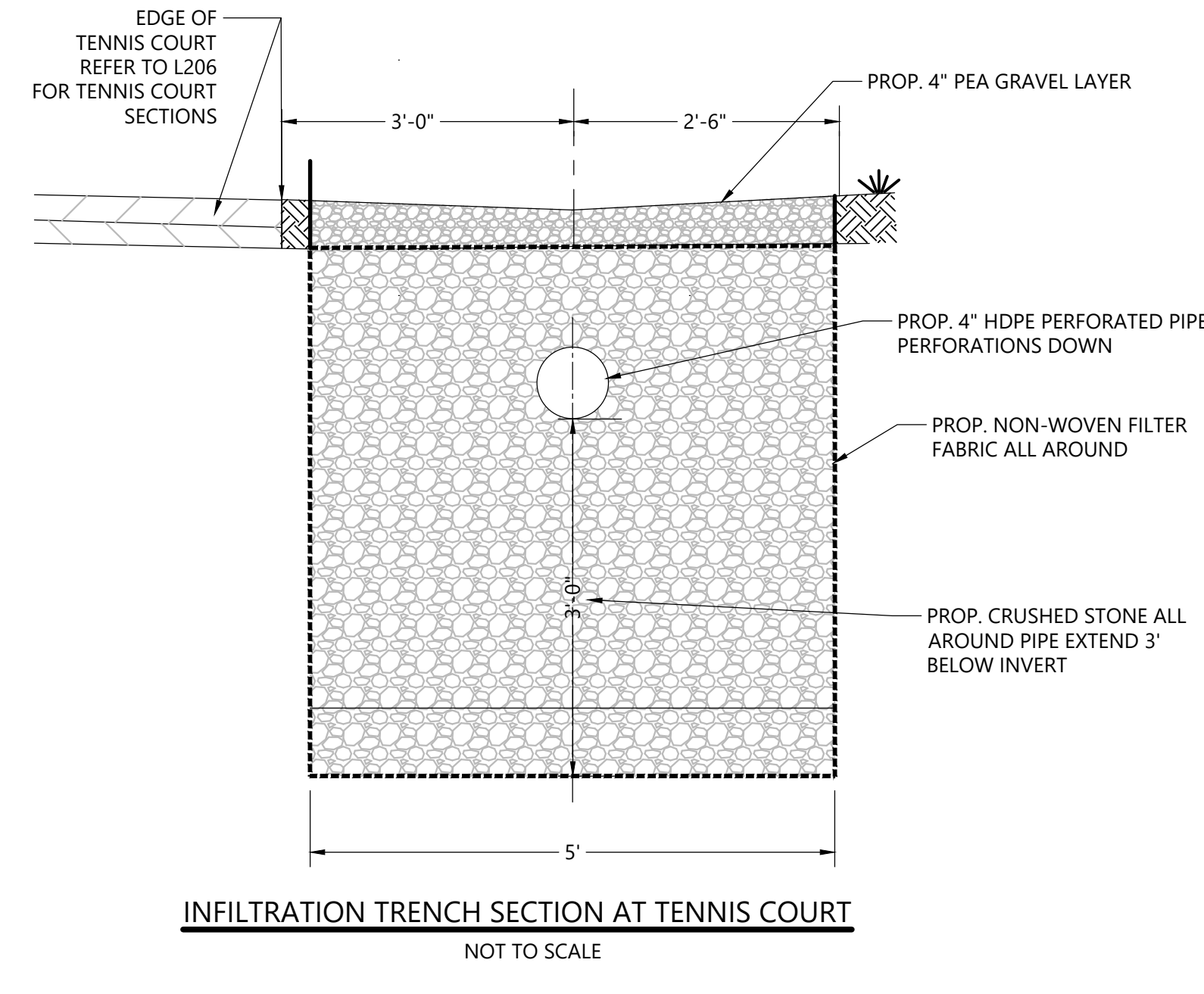
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1" = 40'

DRAWING TITLE:
DETAILS 2

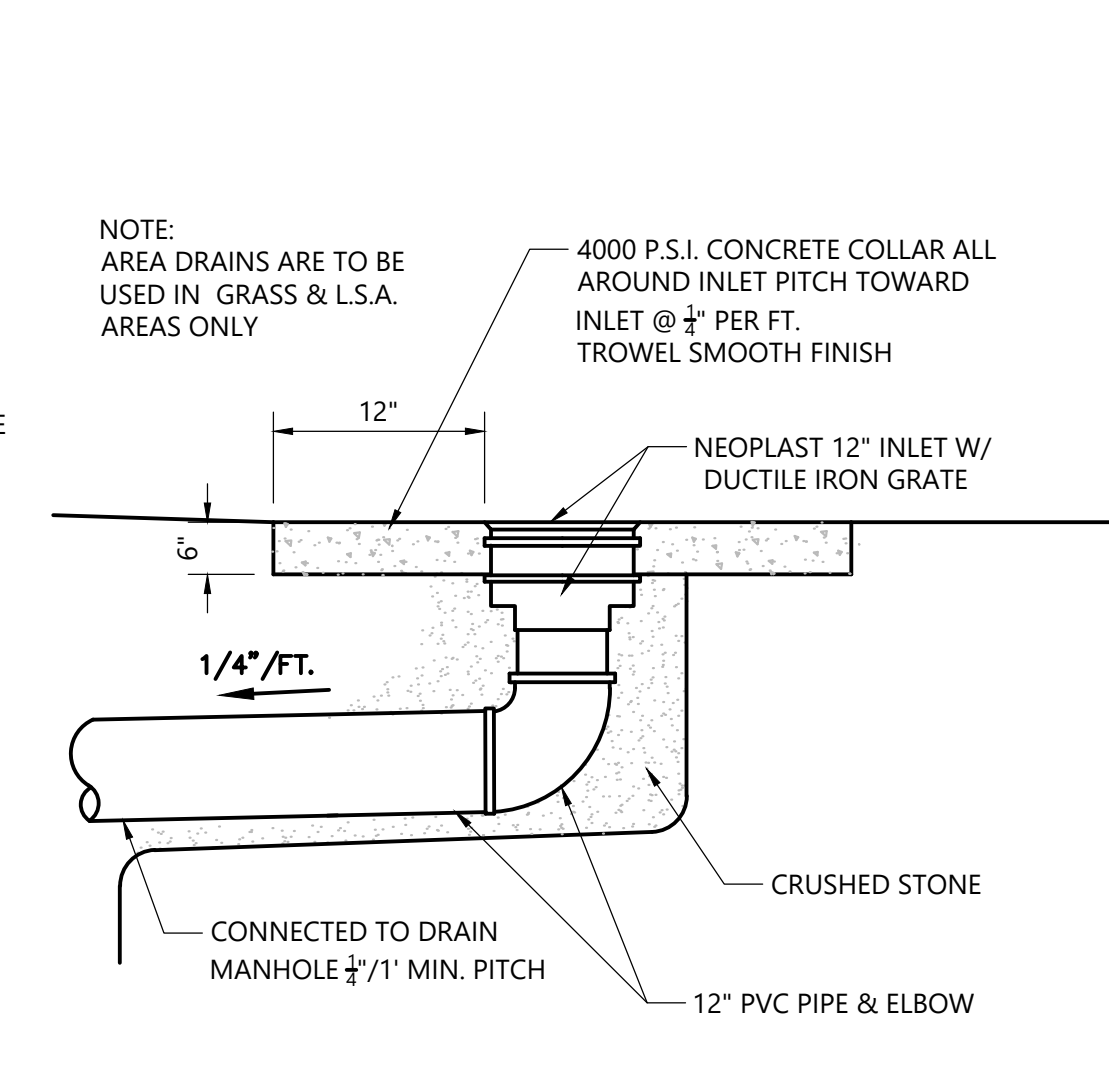
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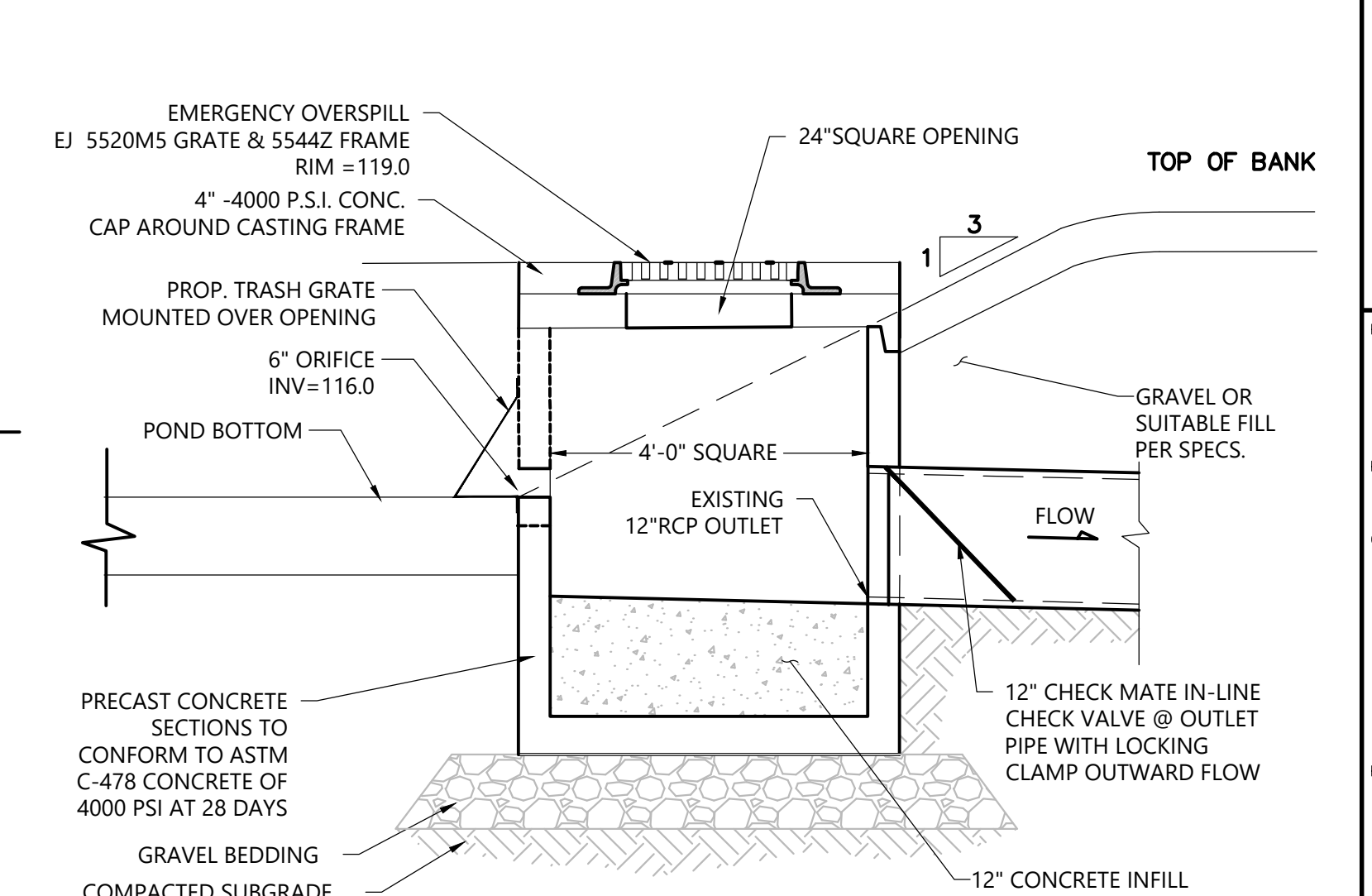
STC 450i PRECAST CONCRETE STORMCEPTOR®
NOT TO SCALE



INFILTRATION TRENCH SECTION AT TENNIS COURT
NOT TO SCALE

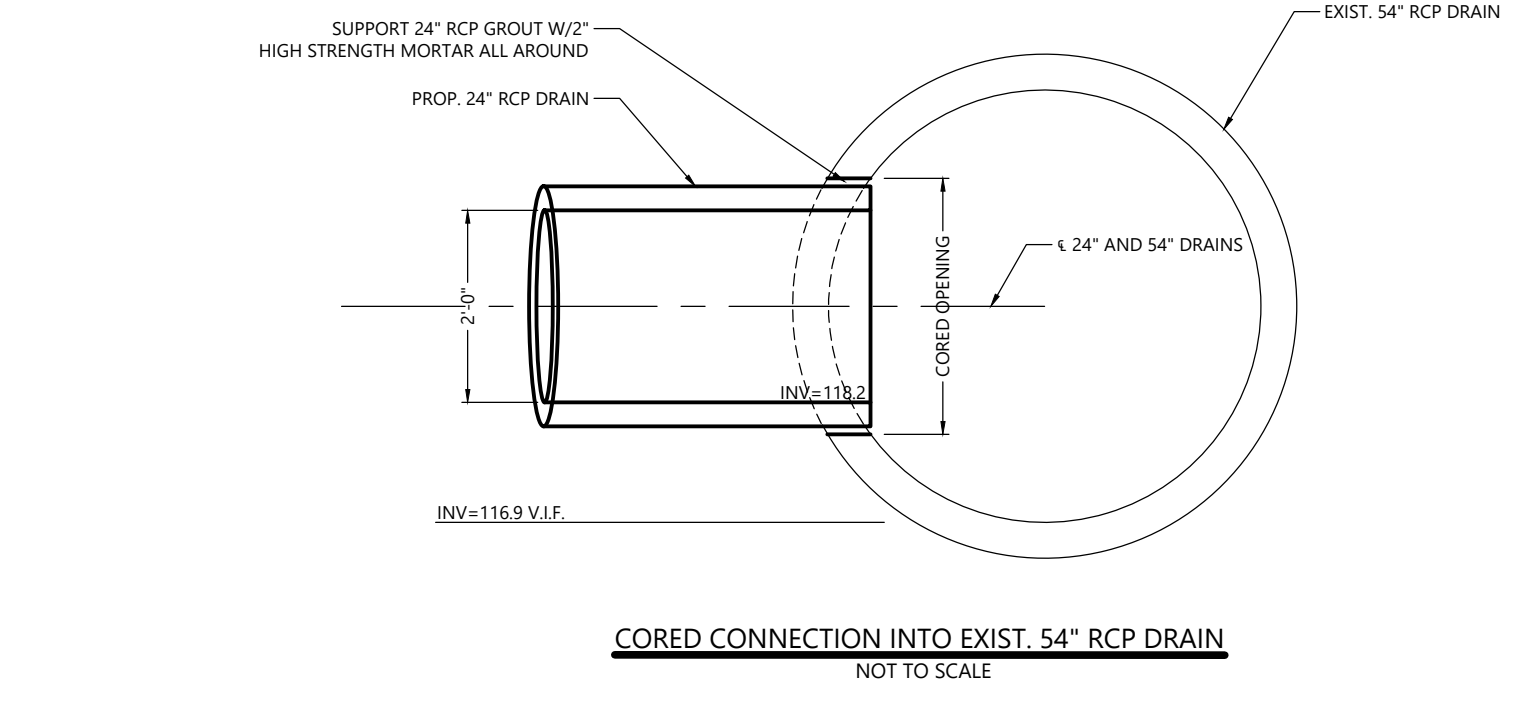


AREA DRAIN DETAIL
NOT TO SCALE

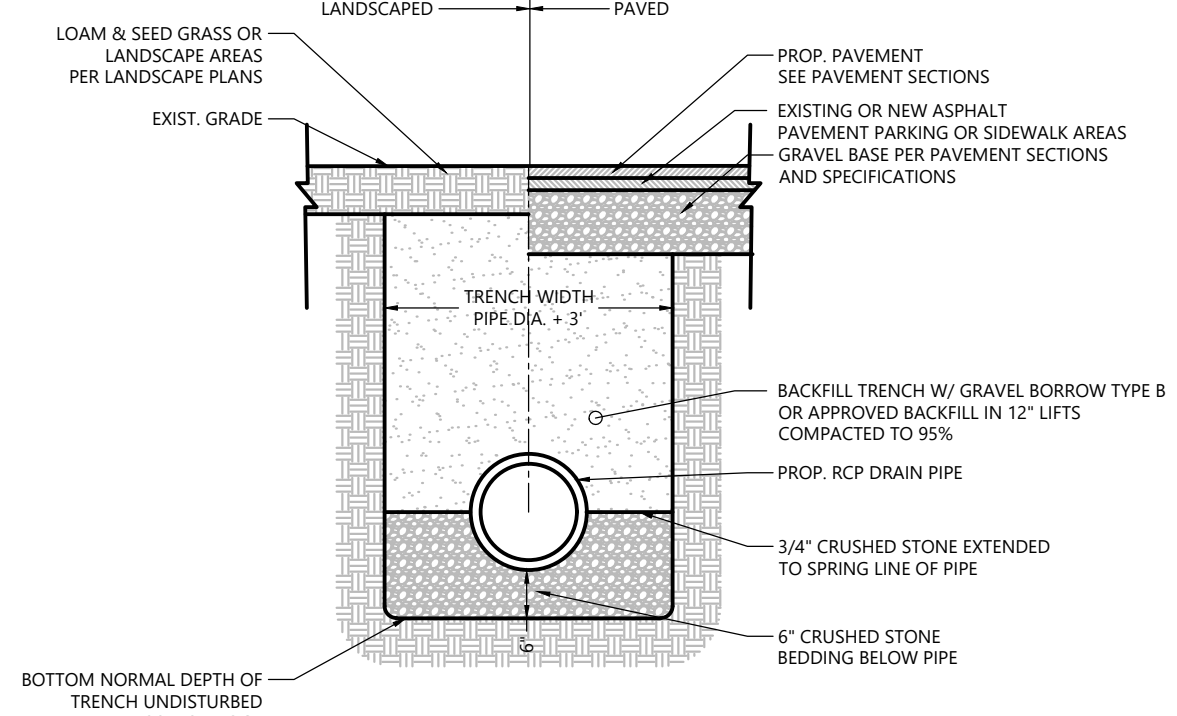


OUTLET CONTROL STRUCTURE
NOT TO SCALE

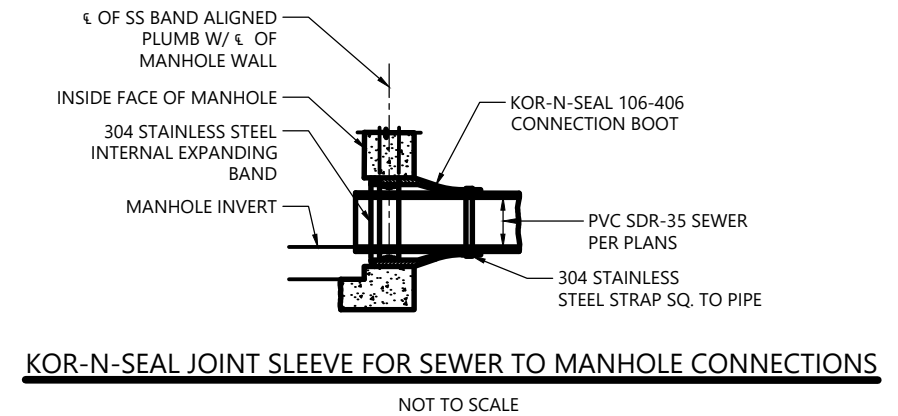
- NOTES:
- USE FLEXIBLE CONNECTION AT THE INLET AND OUTLET.
 - THE COVER SHALL BE POSITIONED OVER THE INLET DROP PIPE AND THE OIL PORT.
 - REFER TO TYPICAL DETAILS FOR PIPE INSTALLATION TRENCH.



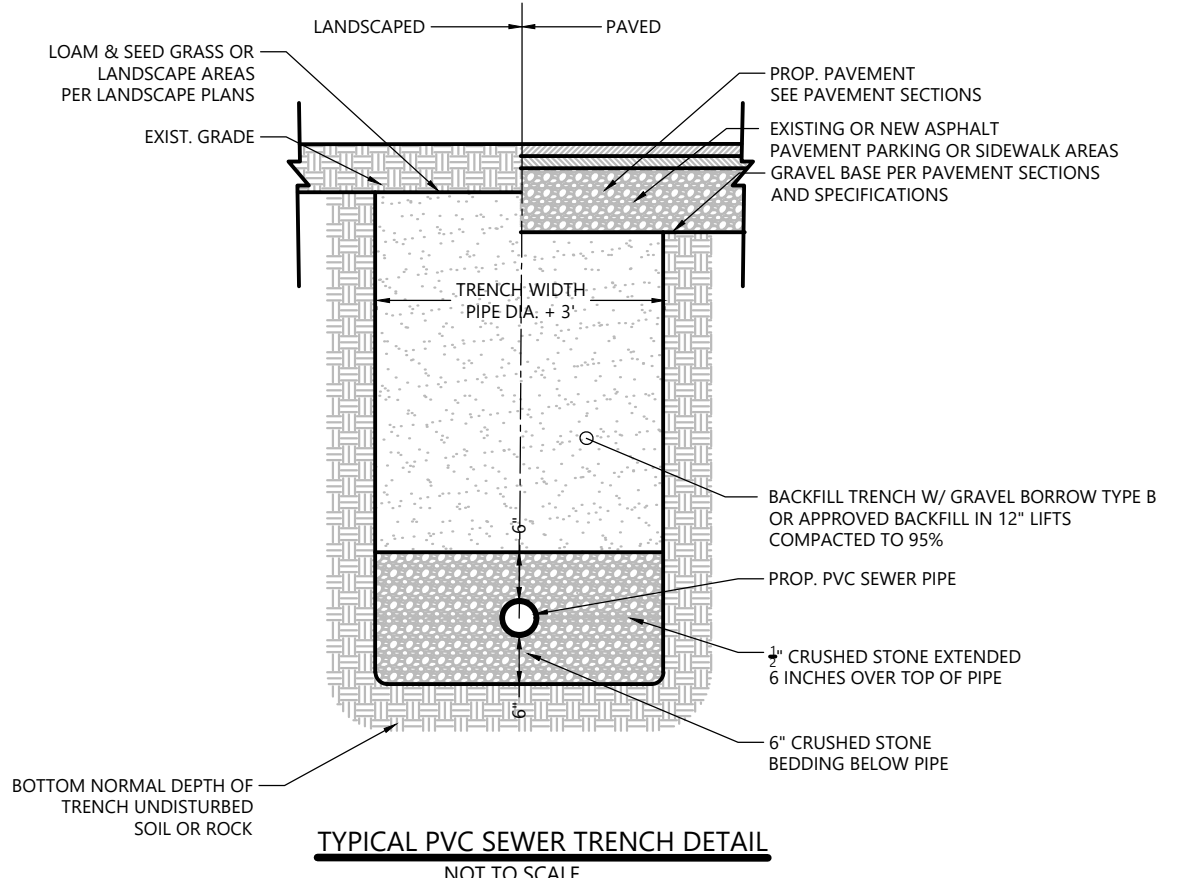
CORED CONNECTION INTO EXIST. 54" RCP DRAIN
NOT TO SCALE



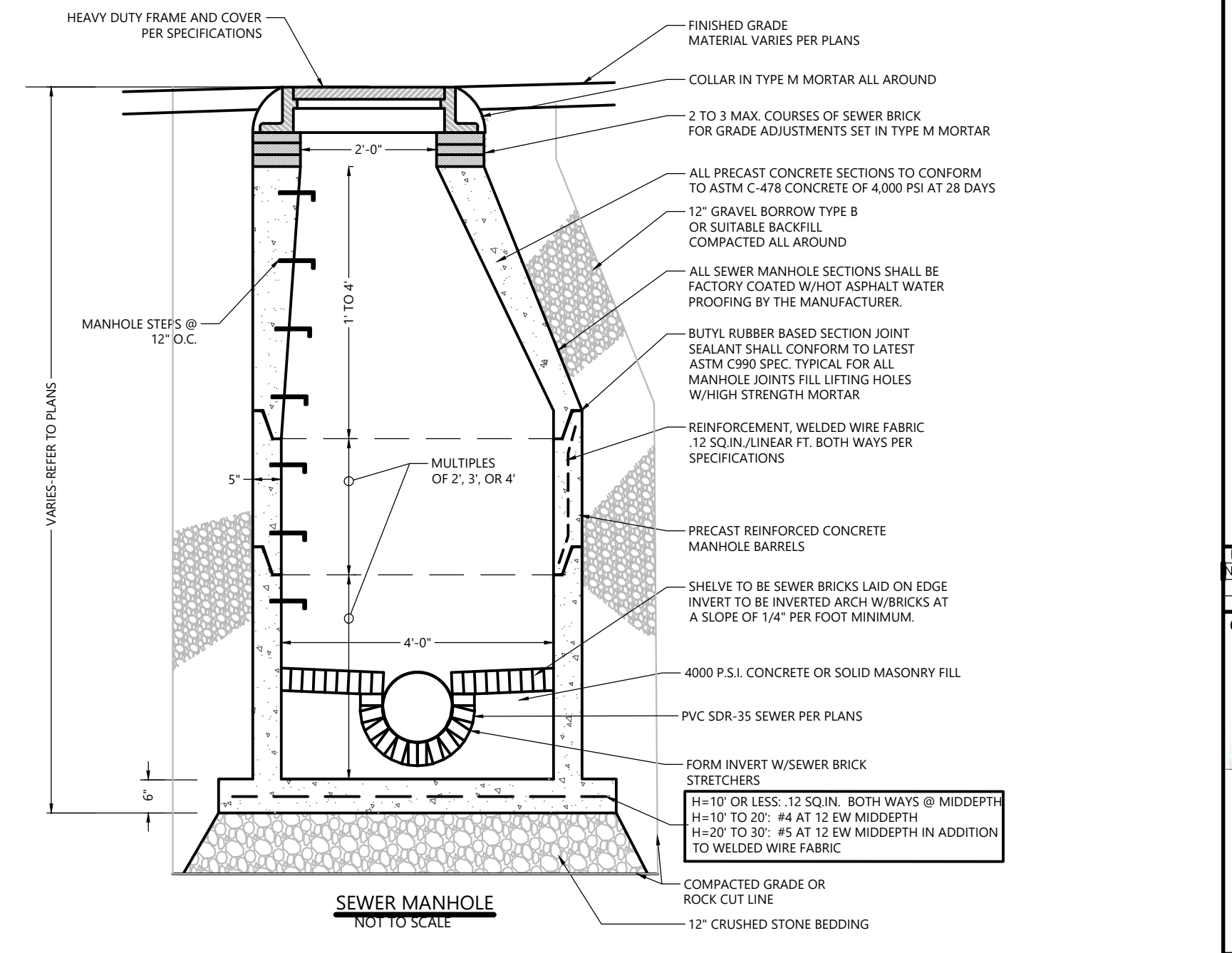
TYPICAL RCP DRAIN TRENCH DETAIL
NOT TO SCALE



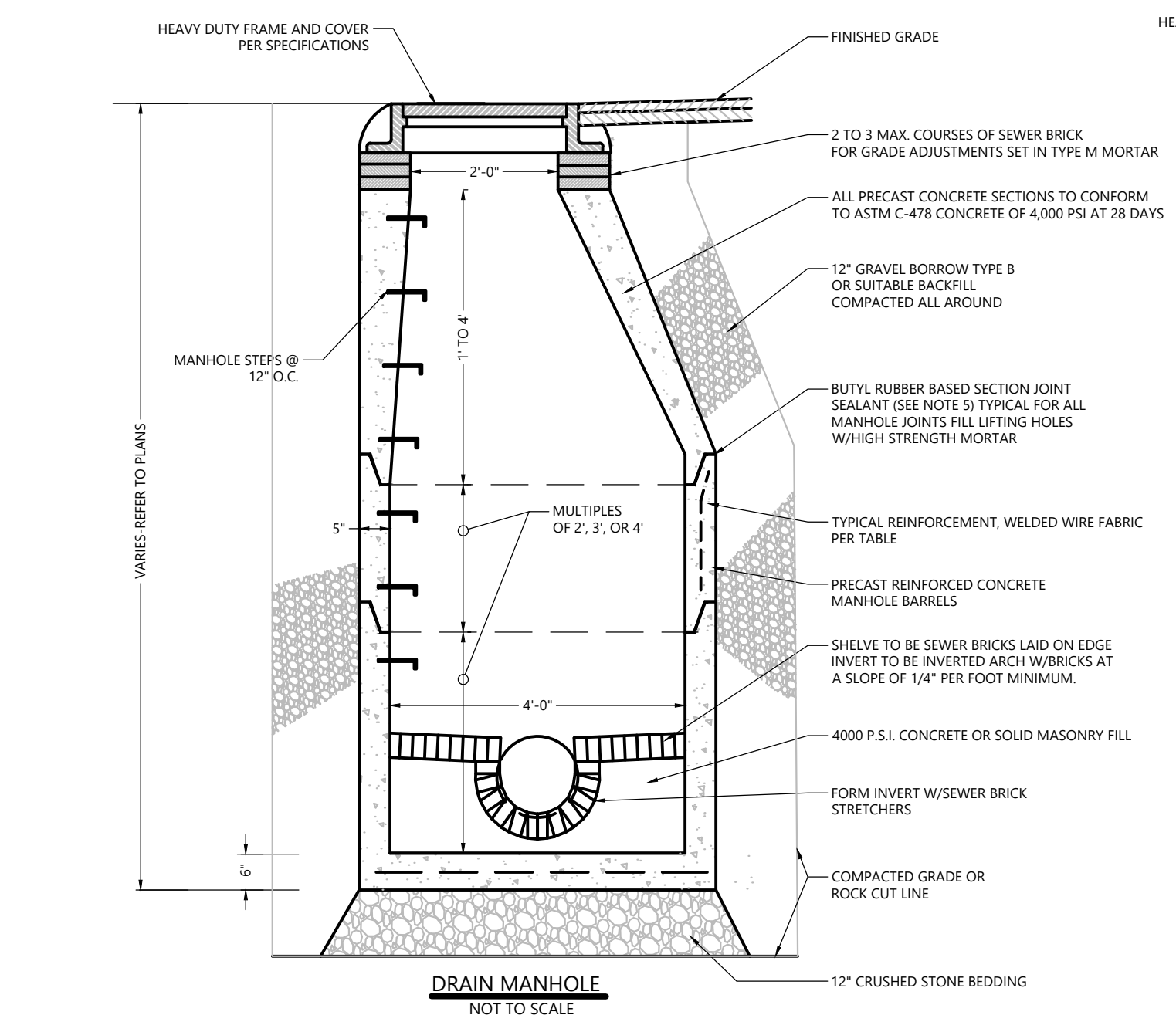
KOR-N-SEAL JOINT SLEEVE FOR SEWER TO MANHOLE CONNECTIONS
NOT TO SCALE



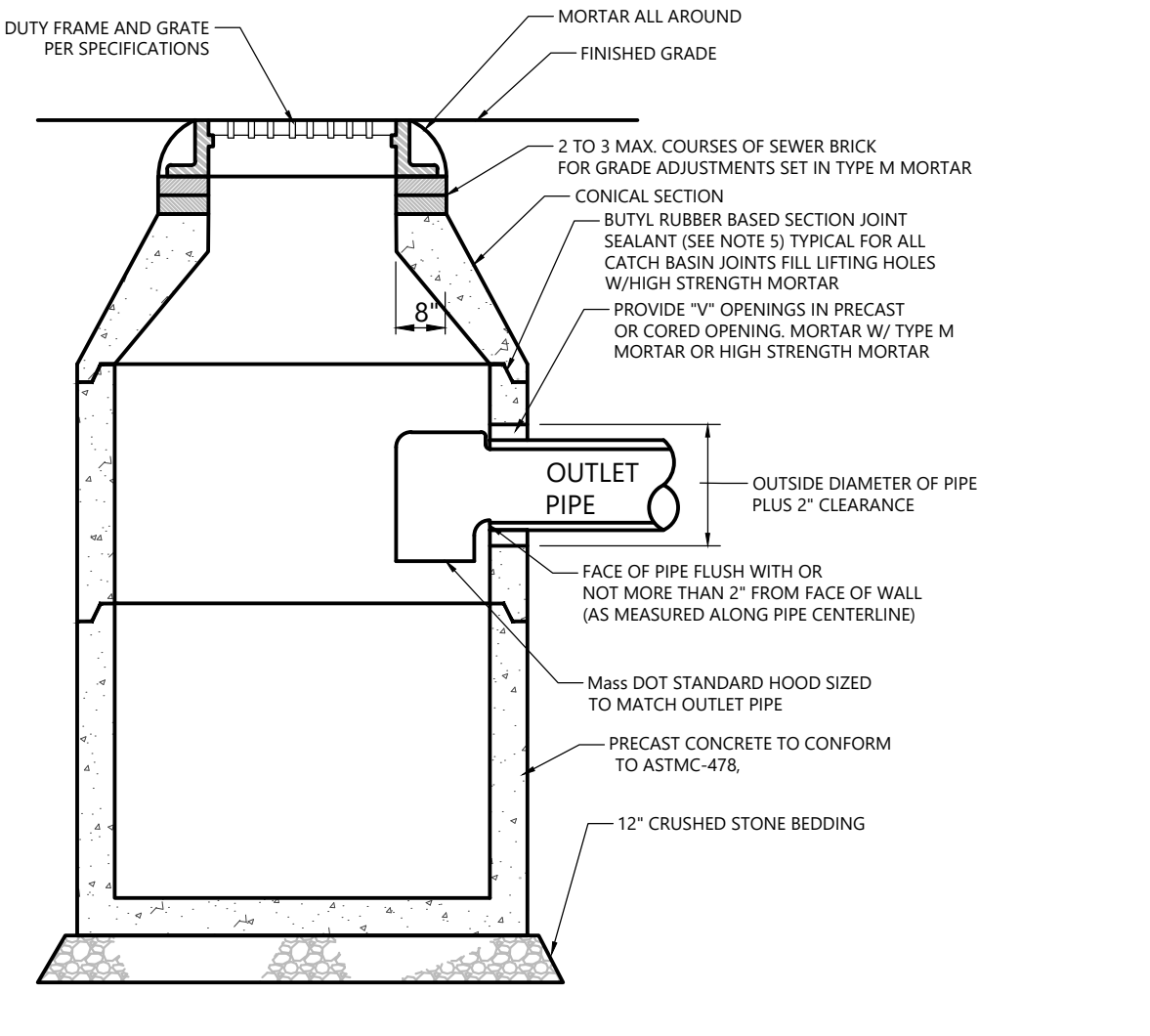
TYPICAL PVC SEWER TRENCH DETAIL
NOT TO SCALE



SEWER MANHOLE
NOT TO SCALE



DRAIN MANHOLE
NOT TO SCALE



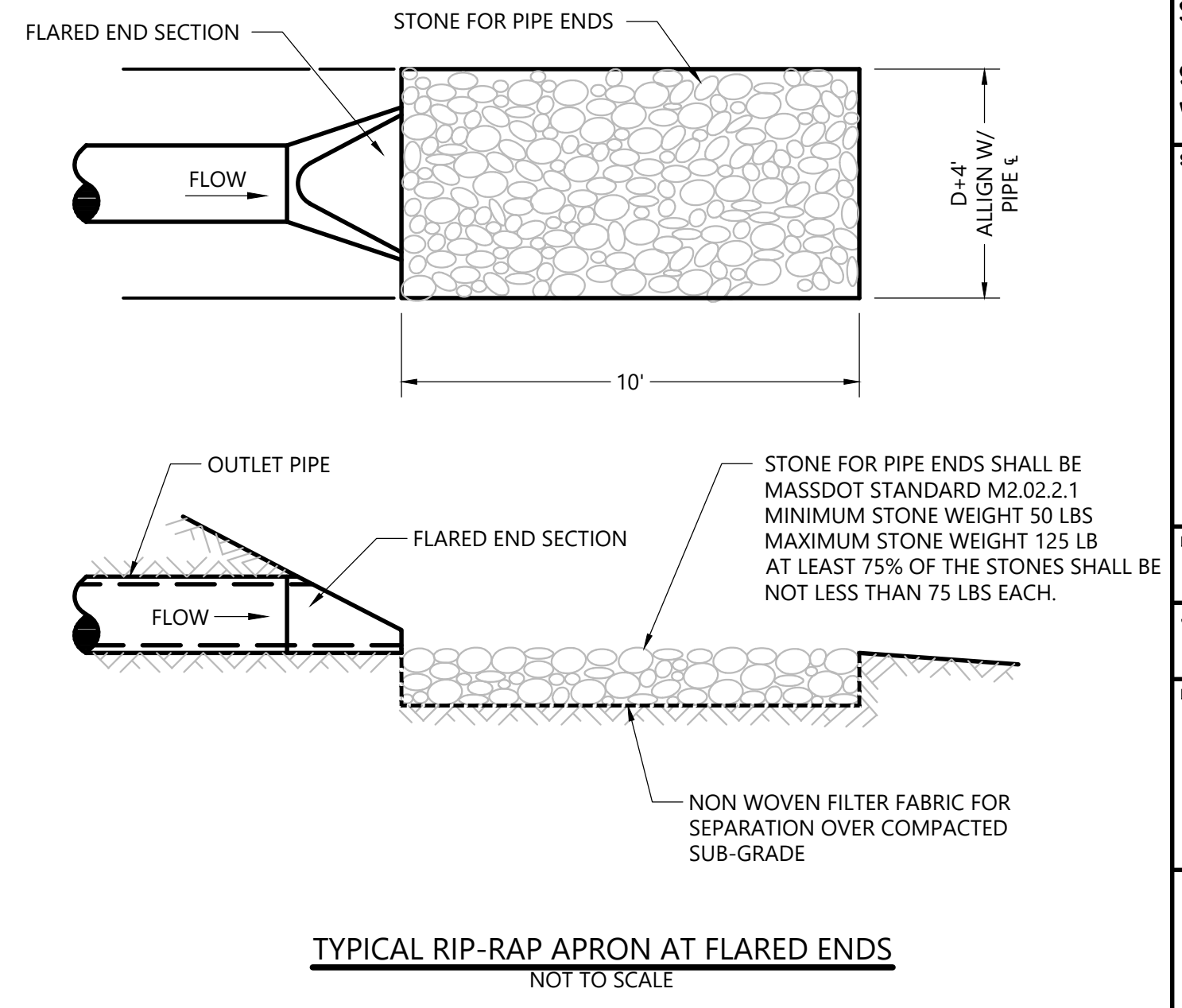
CATCH BASIN DETAILS
NOT TO SCALE

DIAMETER	WALL THICKNESS	FLOOR THICKNESS	REINFORCEMENT
4'-0"	5.0"	6.0"	#11 @ 12 IN (MIN) FT
5'-0"	6.0"	7.0"	#11 @ 12 IN (MIN) FT
6'-0"	7.0"	8.0"	#11 @ 12 IN (MIN) FT
8'-0"	9.0"	10.0"	#11 @ 12 IN (MIN) FT

- DRAIN MANHOLE AND CATCH BASIN NOTES:
- ALL PRECAST CONCRETE STRUCTURES SHALL BE MANUFACTURED BY A N.P.C.A. CERTIFIED PLANT.
 - ALL MANHOLE AND CATCH BASIN COMPONENTS SHALL CONFORM TO MANHOLE STANDARDS & SPECIFICATIONS.
 - REINFORCED STEEL CONFORMS TO LATEST ASTM A185 SPEC. AS PER REINFORCEMENT TABLE.
 - H-20 DESIGN LOADING PER AASHTO HS-20-44; ASTM C478 SPEC FOR PRECAST REINFORCED CONCRETE MANHOLE SECTIONS.

- BUTYL RUBBER BASED SECTION JOINT SEALANT SHALL CONFORM TO LATEST ASTM C990 SPEC.
- STEEL REINFORCED COPOLYMER POLYPROPYLENE PLASTIC STEP AS REQUESTED CONFORMS TO LATEST ASTM C478 SPEC.
- HOLES NOT USED SHALL BE FILLED WITH HIGH STRENGTH MORTAR.
- PRE CAST WALL AND BOTTOM THICKNESS FOR MANHOLE SECTIONS SHALL BE BASED ON THE PRECAST THICKNESS CHART BASED ON THE INSIDE DIAMETER.
- 5' DIAMETER MANHOLE STRUCTURES SHALL HAVE 5'-4" TRANSITION SECTIONS WHERE DEPTH ALLOWS.

DRAIN MANHOLE & CATCH BASIN DETAILS
NOT TO SCALE



TYPICAL RIP-RAP APRON AT FLARED ENDS
NOT TO SCALE



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: 02/26/2026
ISSUE: DESIGN DEVELOPMENT (NOI SUBMISSION)

No. Date Revision

CONSULTANT:
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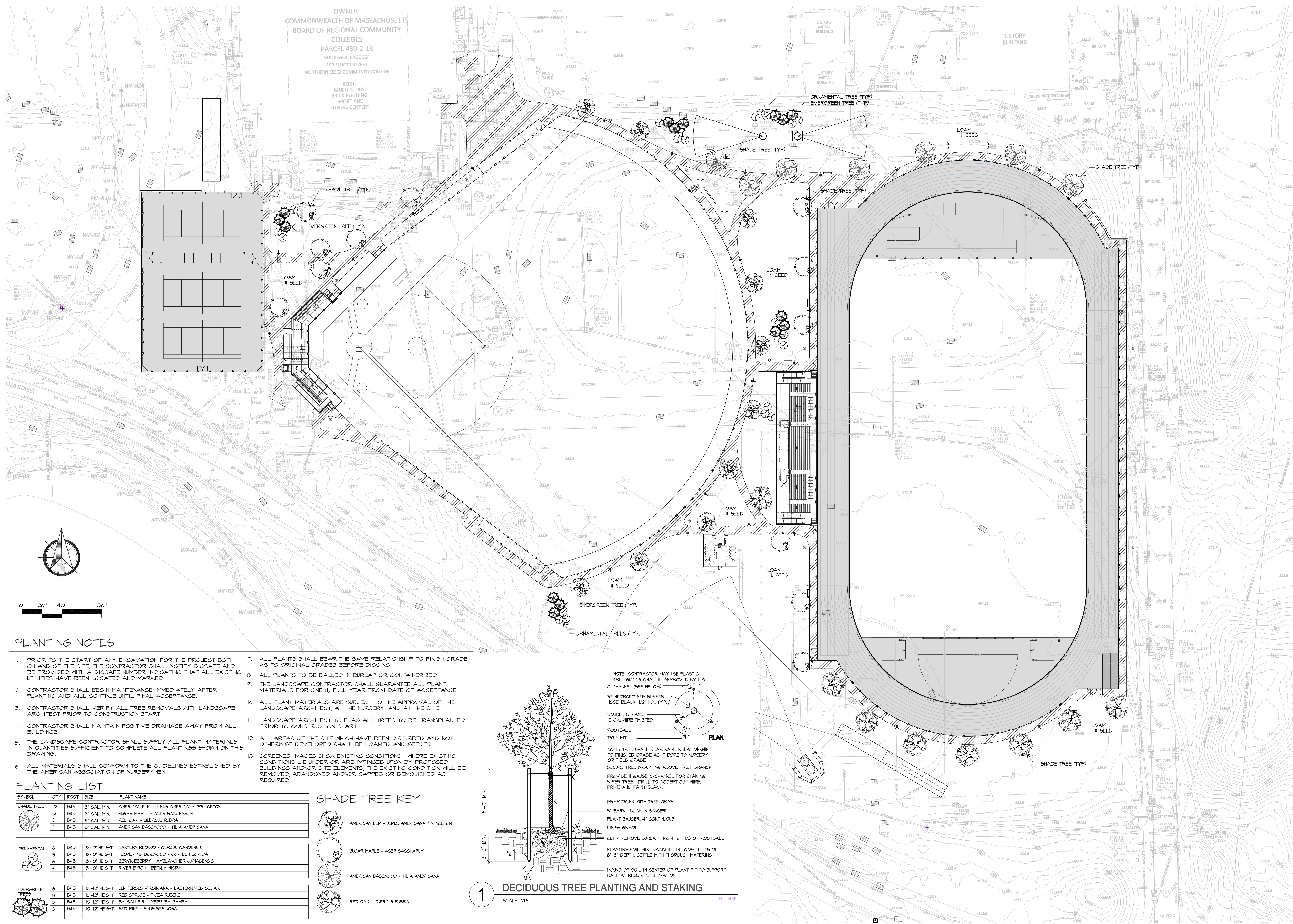
STAMP:
NOT FOR CONSTRUCTION



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

DRAWING TITLE:
PLANTING PLAN

L105



PLANTING NOTES

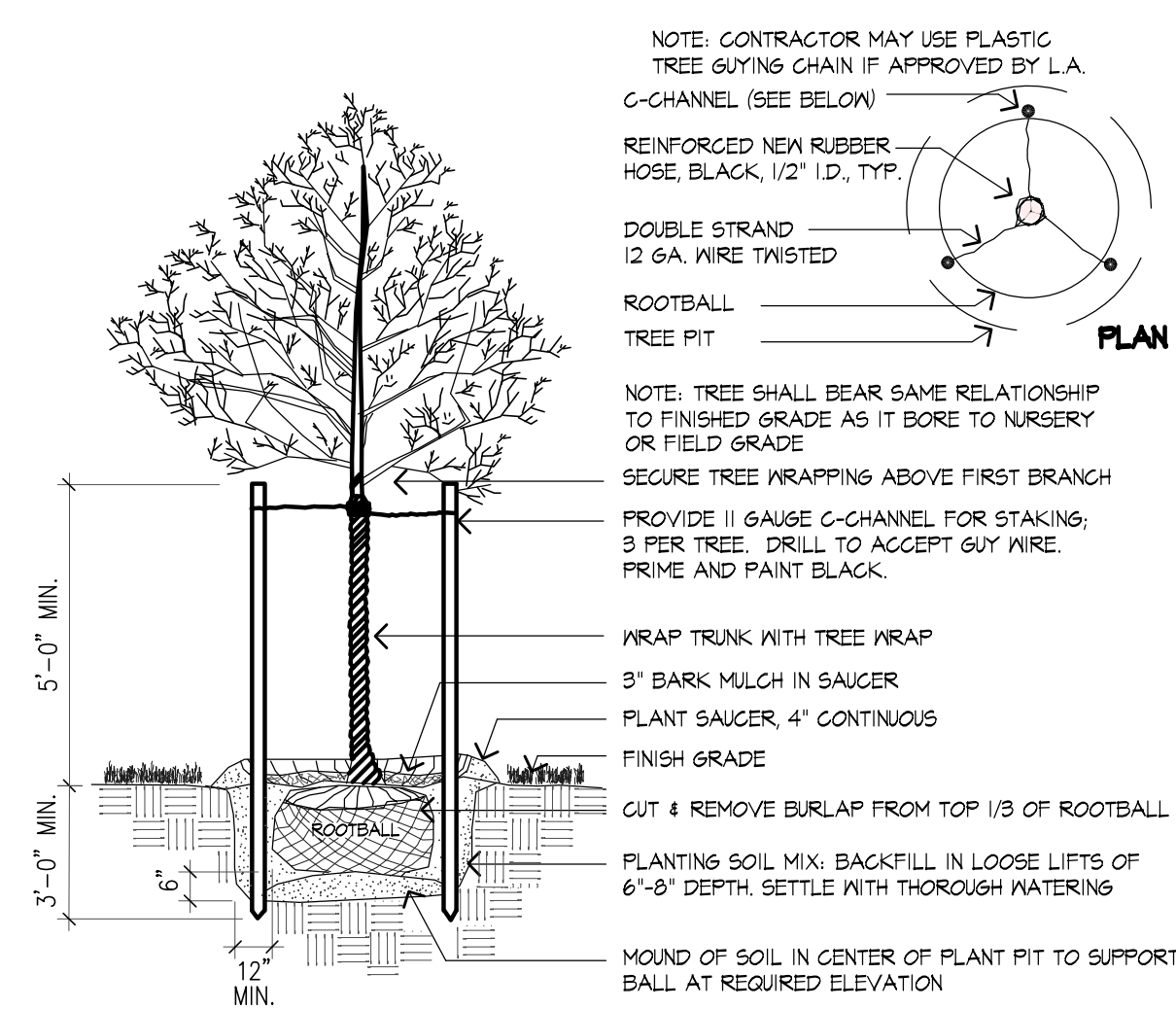
- PRIOR TO THE START OF ANY EXCAVATION FOR THE PROJECT BOTH ON AND OF THE SITE, THE CONTRACTOR SHALL NOTIFY DIGSAFE AND BE PROVIDED WITH A DIGSAFE NUMBER INDICATING THAT ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
- CONTRACTOR SHALL BEGIN MAINTENANCE IMMEDIATELY AFTER PLANTING AND WILL CONTINUE UNTIL FINAL ACCEPTANCE.
- CONTRACTOR SHALL VERIFY ALL TREE REMOVALS WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION START.
- CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.
- 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.
- 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 SEEDED.
- 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.

PLANTING LIST

SYMBOL	QTY	ROOT SIZE	PLANT NAME
	10	B4B	8' GAL. MIN. AMERICAN ELM - ULMUS AMERICANA 'PRINCETON'
	12	B4B	8' GAL. MIN. SUGAR MAPLE - ACER SACCHARUM
	8	B4B	8' GAL. MIN. RED OAK - QUERCUS RUBRA
	7	B4B	8' GAL. MIN. AMERICAN BASSWOOD - TILIA AMERICANA
	6	B4B	8'-10' HEIGHT EASTERN REDBUD - CERCOUS GANDENSIS
	3	B4B	8'-10' HEIGHT FLOWERING DOGWOOD - CORNUS FLORIDA
	6	B4B	8'-10' HEIGHT SERVICEBERRY - AMELANCHIER CANADENSIS
	4	B4B	8'-10' HEIGHT RIVER BIRCH - BETULA NIGRA
	6	B4B	10'-12' HEIGHT JUNIPERUS VIRGINIANA - EASTERN RED CEDAR
	3	B4B	10'-12' HEIGHT RED SPRUCE - PICEA RUBENS
	3	B4B	10'-12' HEIGHT BALSAM FIR - ABIES BALSAEAMA
	3	B4B	10'-12' HEIGHT RED PINE - PINUS RESINOSA

SHADE TREE KEY

	AMERICAN ELM - ULMUS AMERICANA 'PRINCETON'
	SUGAR MAPLE - ACER SACCHARUM
	AMERICAN BASSWOOD - TILIA AMERICANA
	RED OAK - QUERCUS RUBRA



1 DECIDUOUS TREE PLANTING AND STAKING
SCALE: NTS



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:
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17 Tewksbury Street
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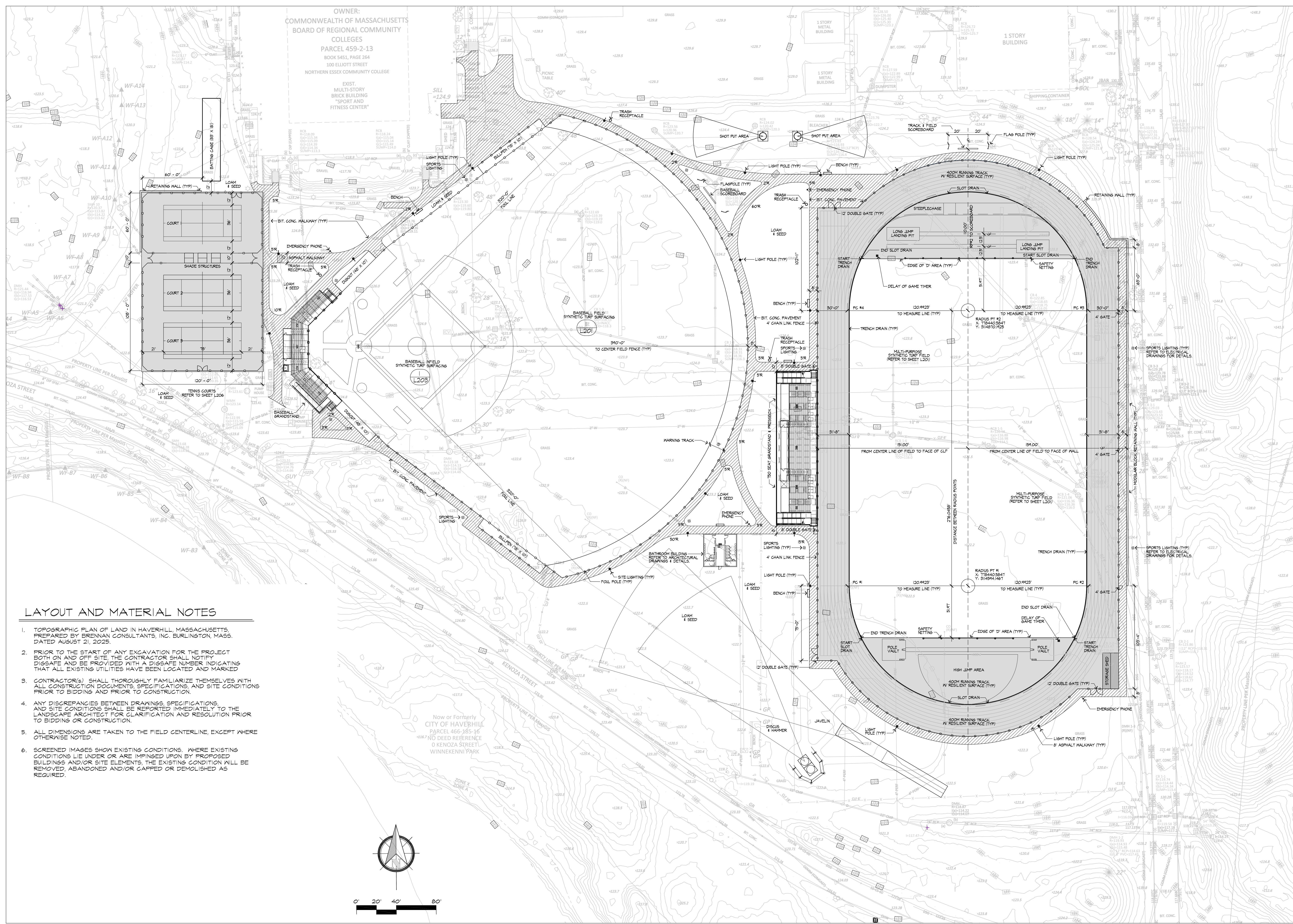


DATE:
02/26/2026

JA PROJECT NUMBER: 2518
SCALE: 1" = 40'

DRAWING TITLE:
LAYOUT & MATERIALS PLAN

L101



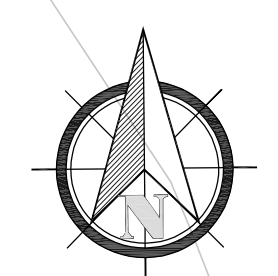
OWNER:
COMMONWEALTH OF MASSACHUSETTS
BOARD OF REGIONAL COMMUNITY COLLEGES
PARCEL 459-2-13
BOOK 5451, PAGE 264
100 ELLIOTT STREET
NORTHERN ESSEX COMMUNITY COLLEGE

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
WINNEKENN PARK

LAYOUT AND MATERIALS 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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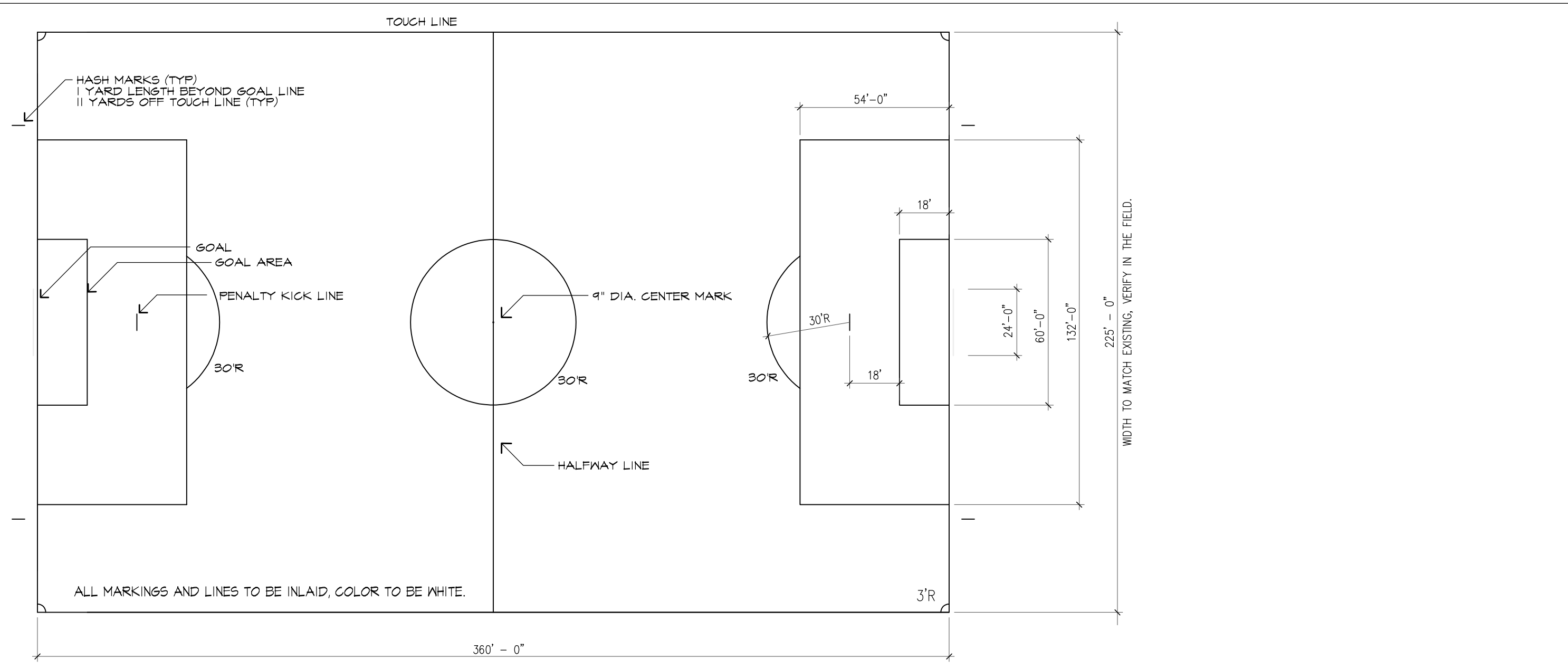
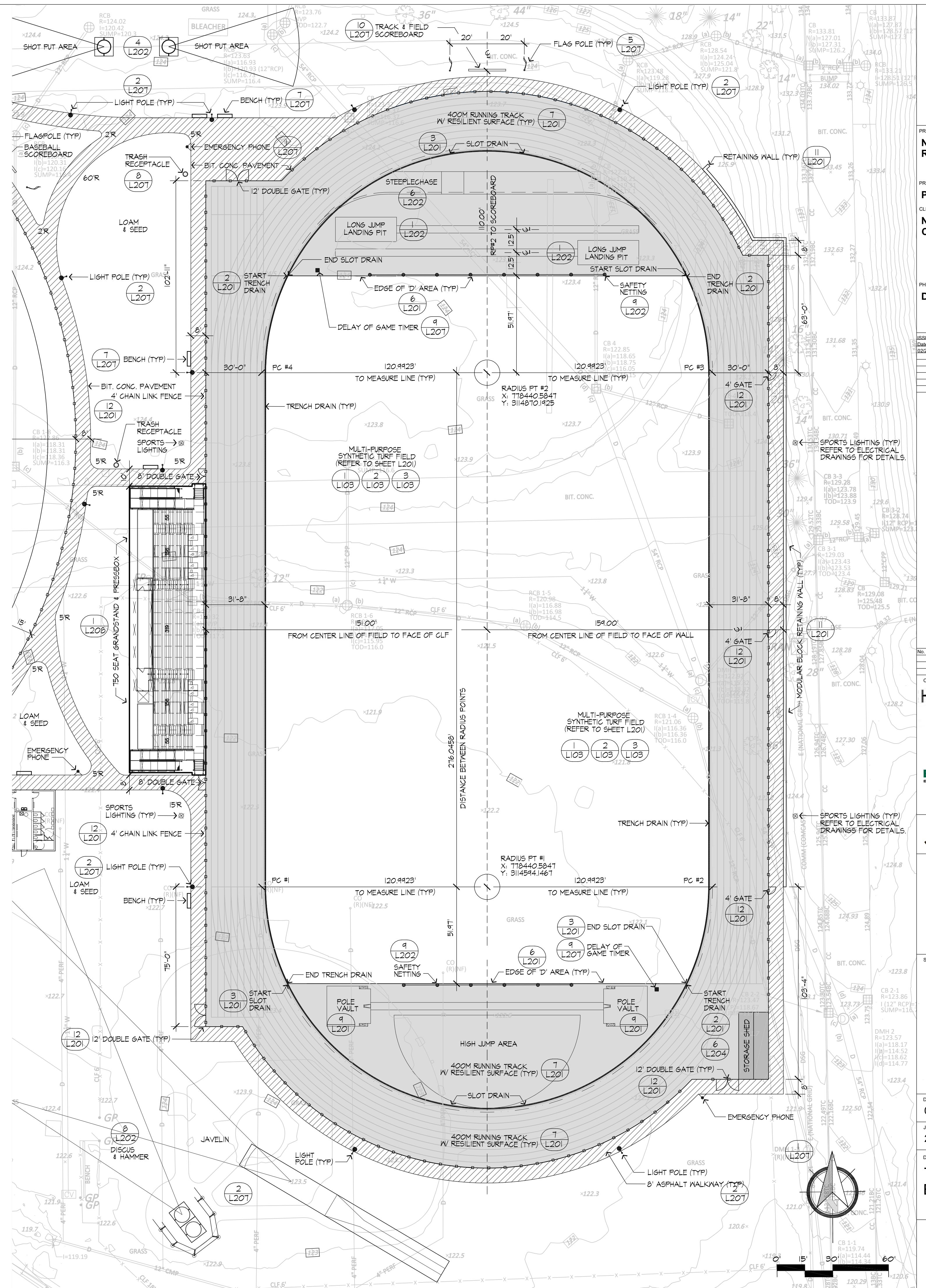


DATE:
02/26/2026

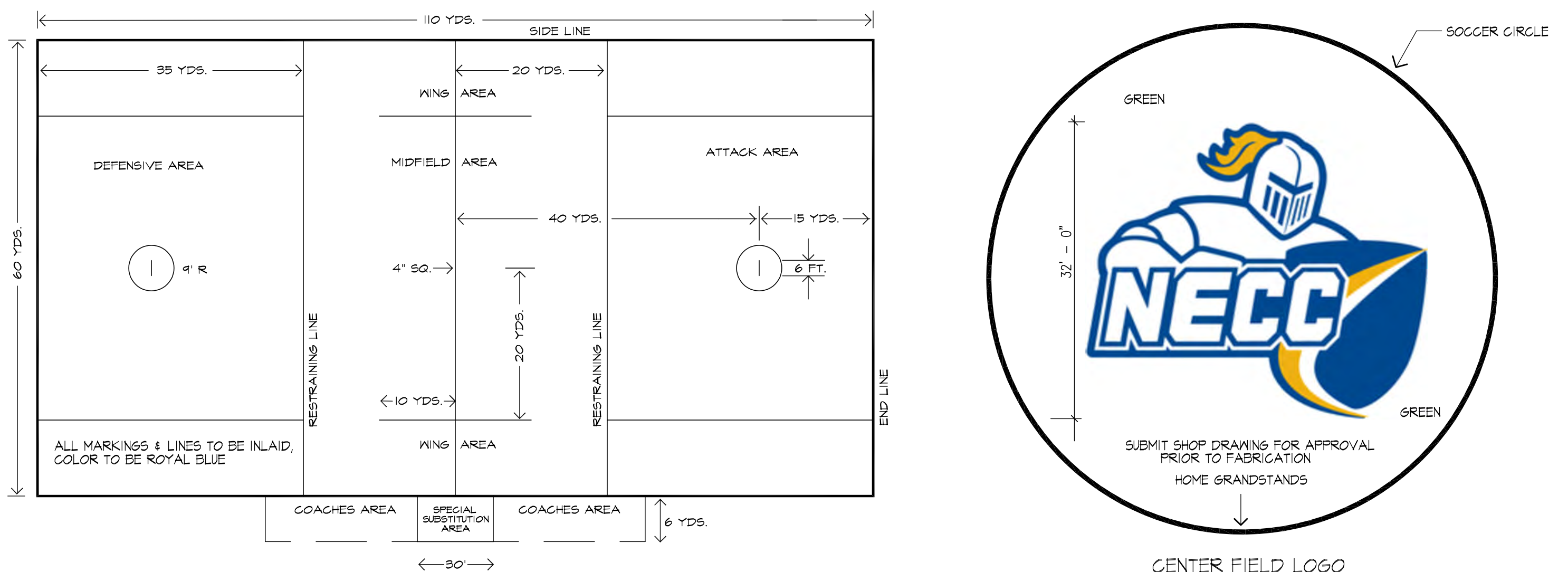
JA PROJECT NUMBER: 2518 SCALE: 1" = 30'

DRAWING TITLE:
TRACK & FIELD ENLARGEMENT

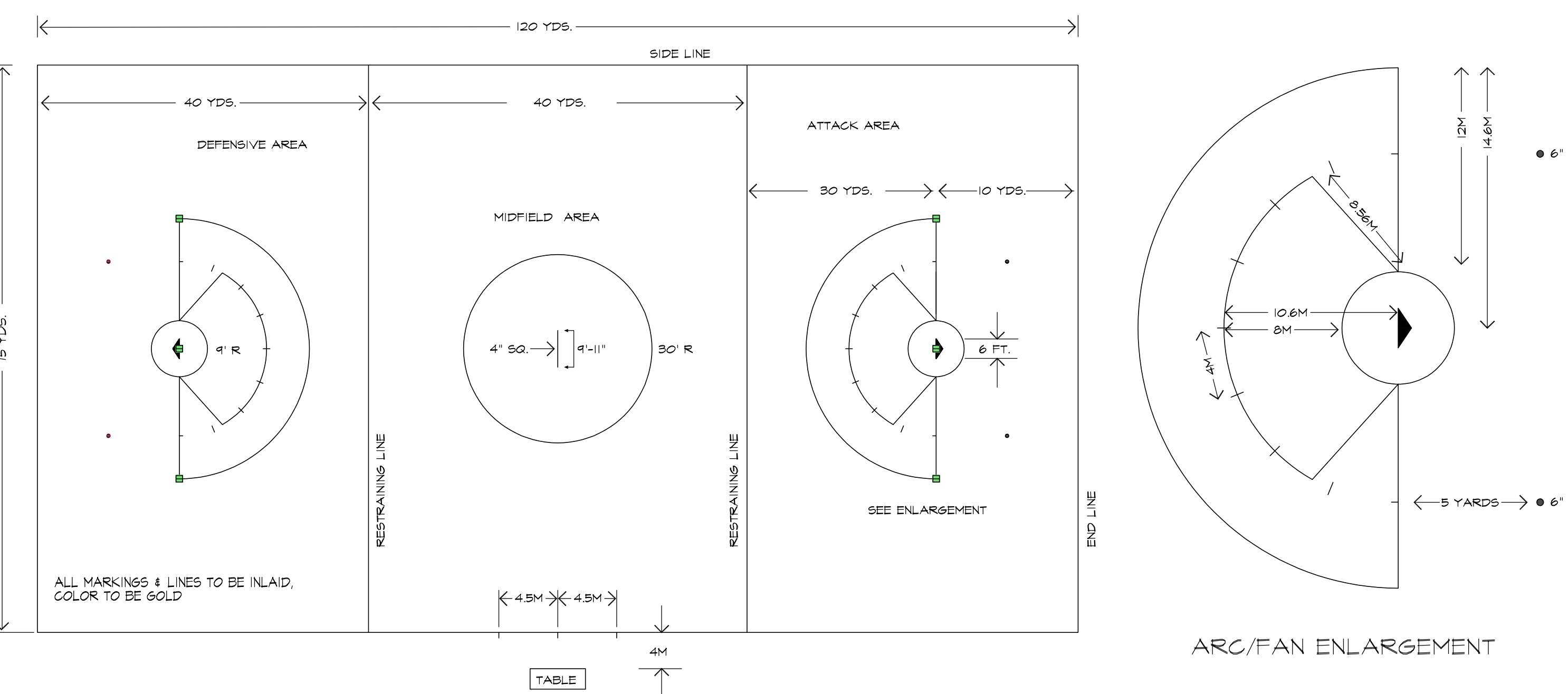
L103



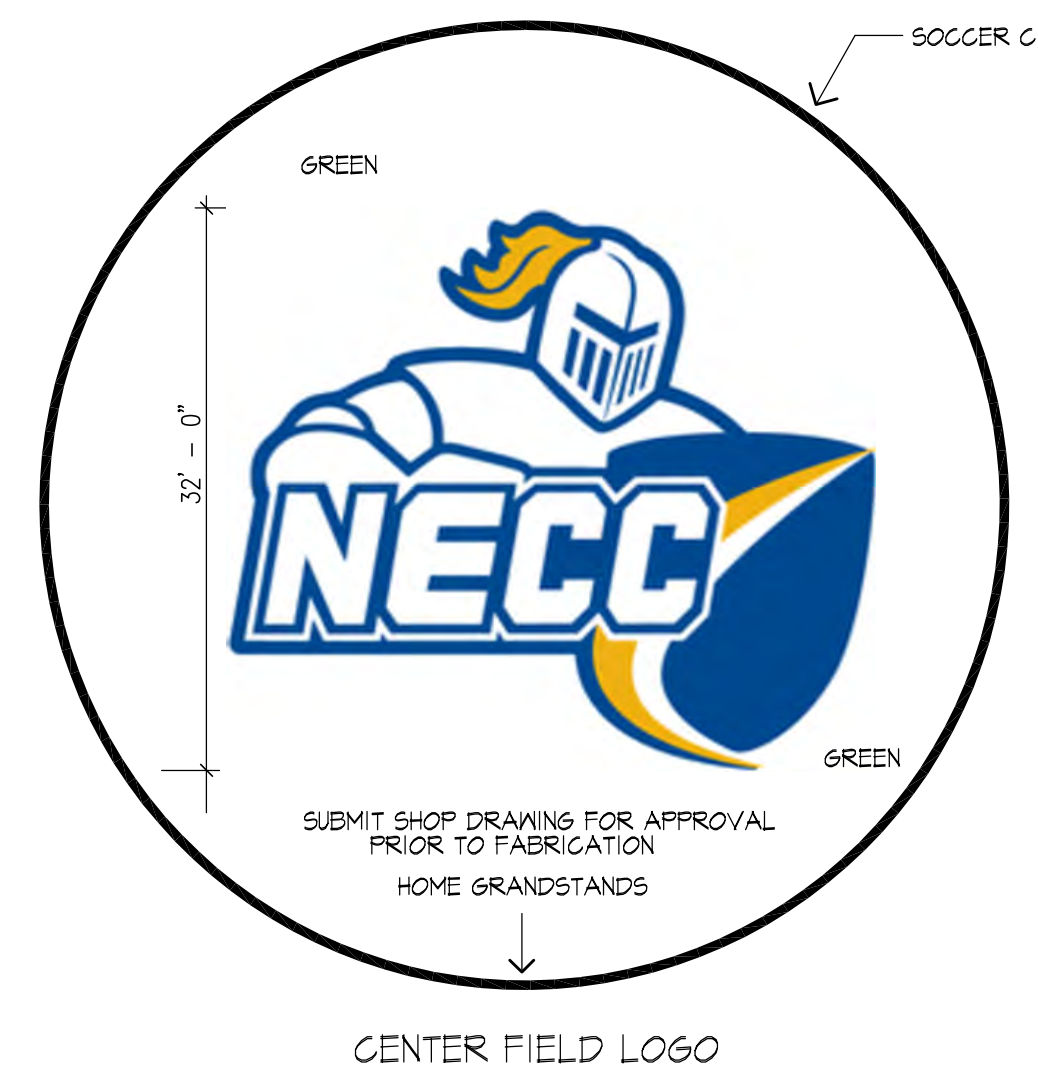
1 SOCCER FIELD LAYOUT
SCALE: 1" = 40'



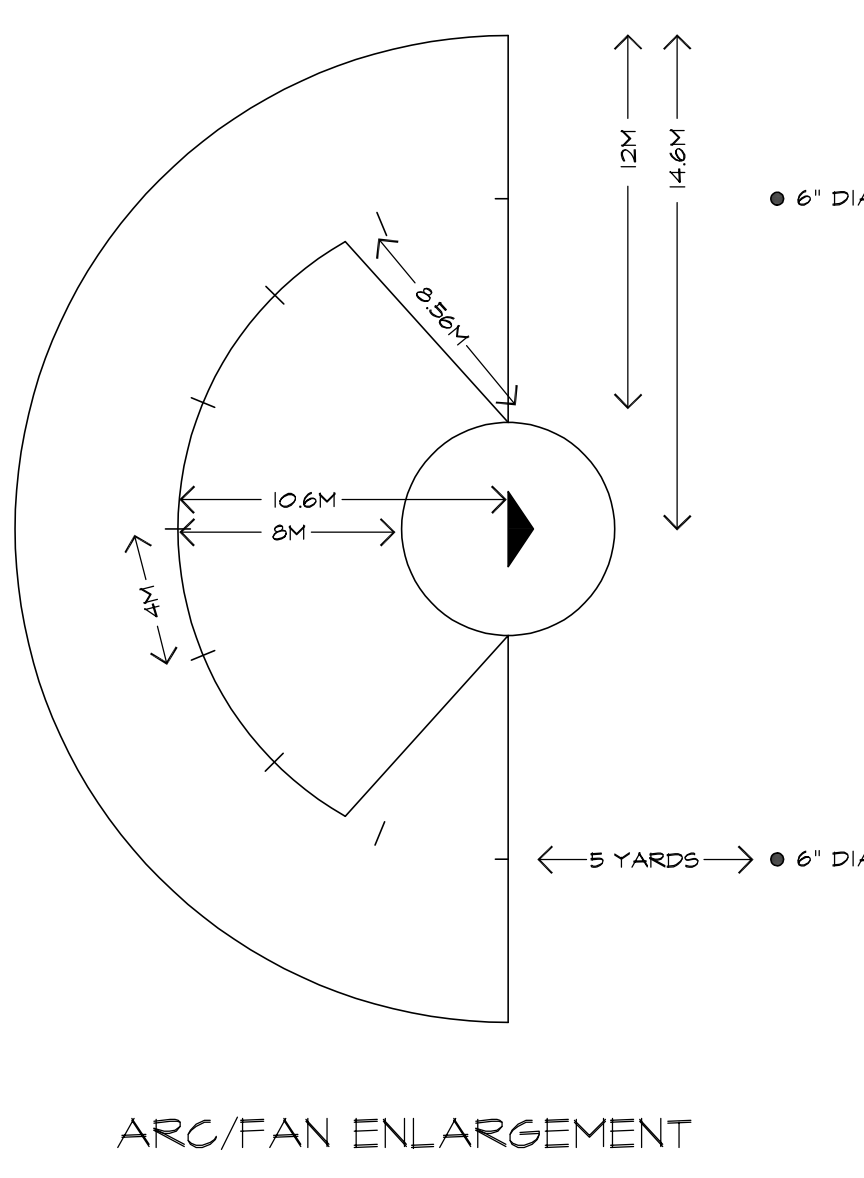
2 MEN'S LACROSSE FIELD LAYOUT
SCALE: 1" = 40'



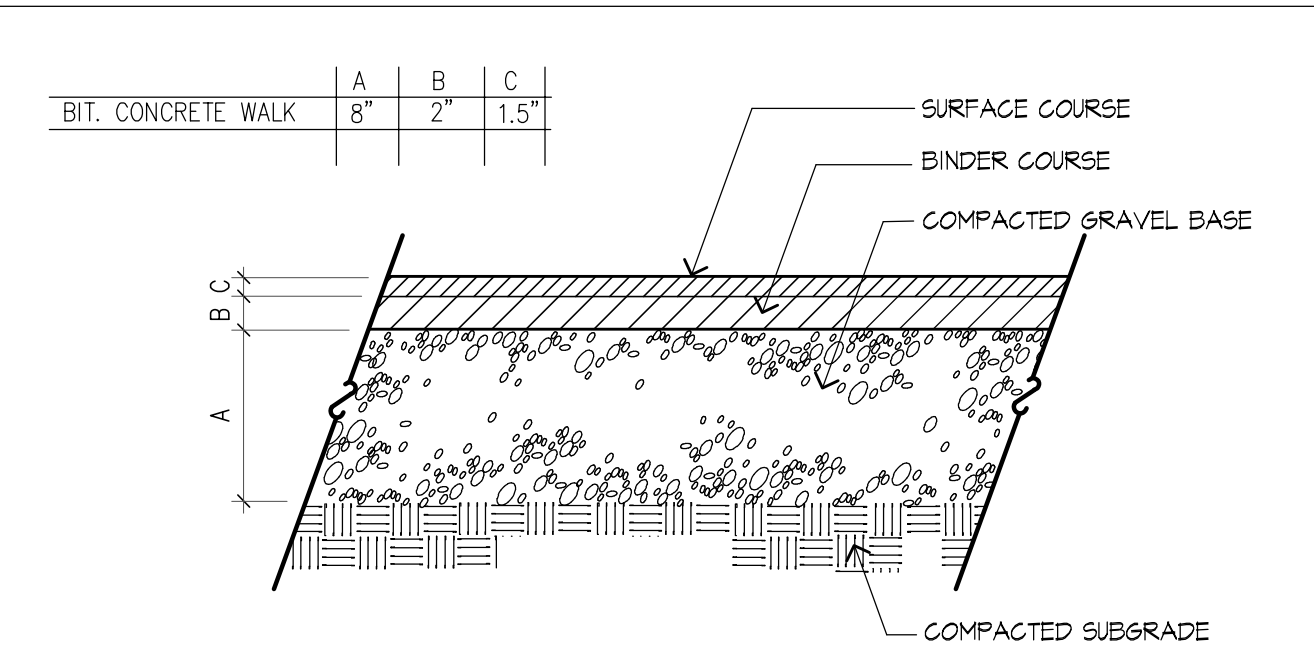
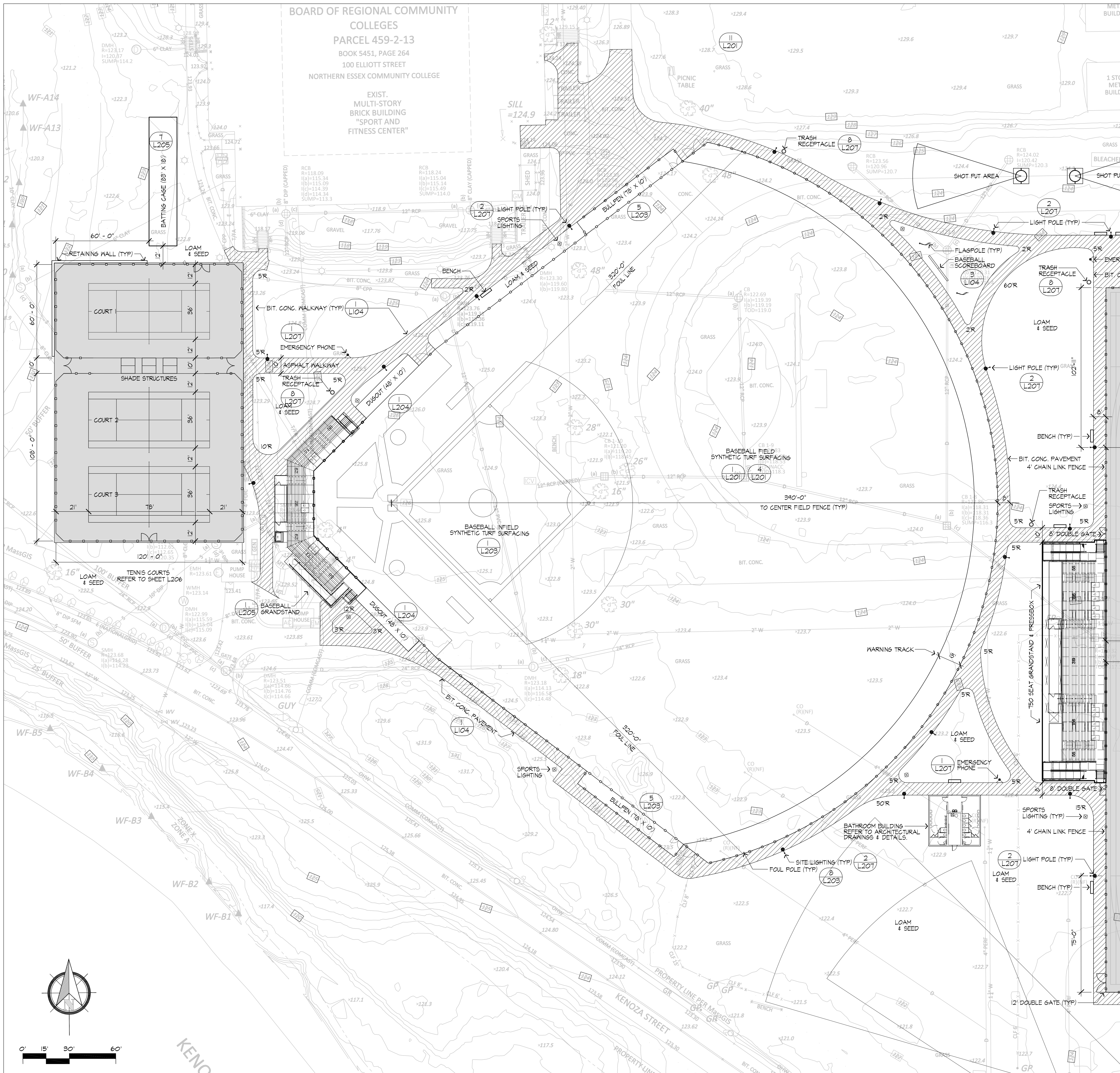
3 WOMEN'S LACROSSE FIELD
SCALE: 1" = 40'



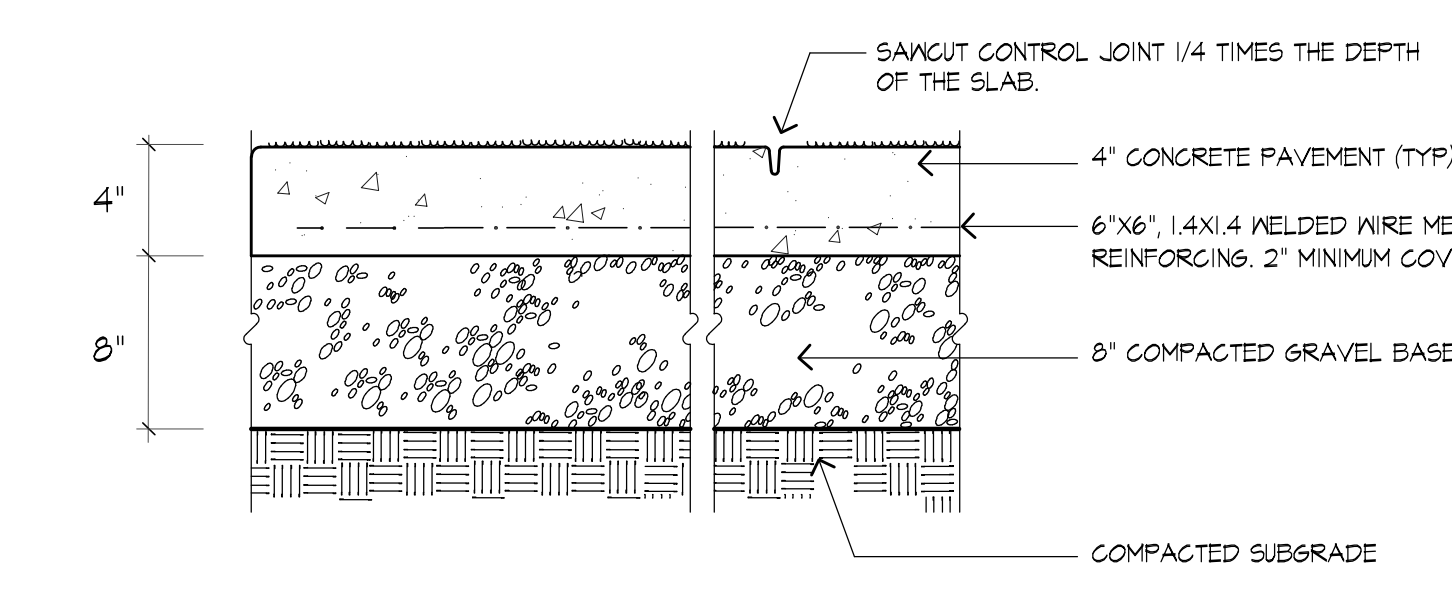
CENTER FIELD LOGO



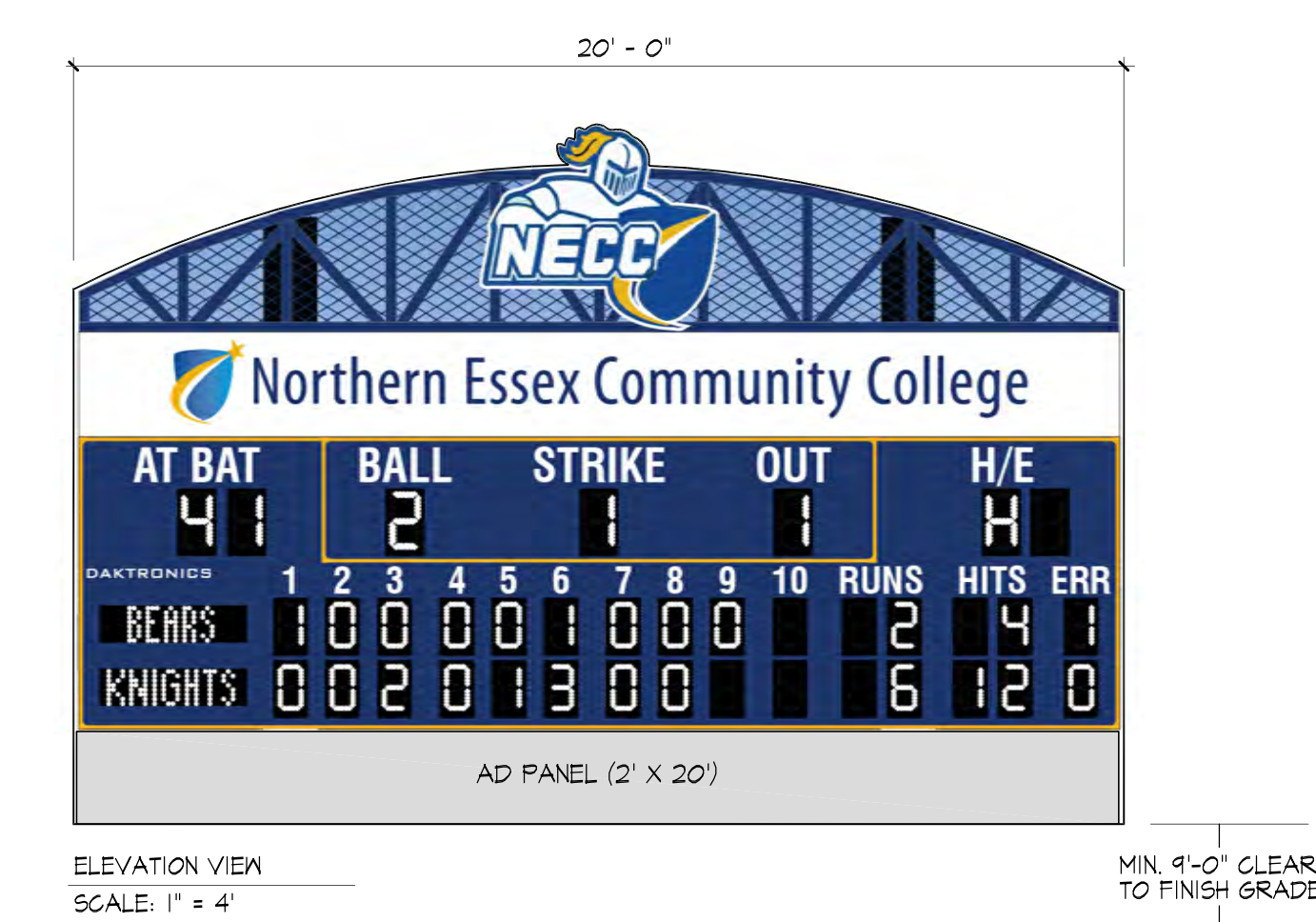
ARC/FAN ENLARGEMENT



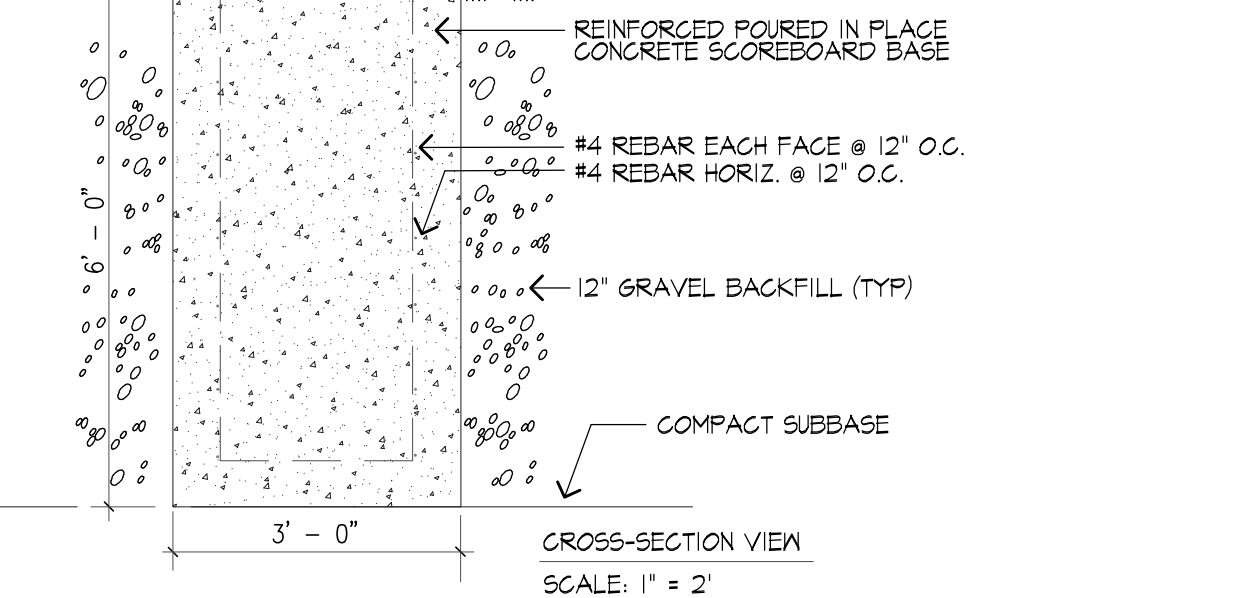
1 BITUMINOUS CONCRETE PAVEMENT
SCALE: NTS



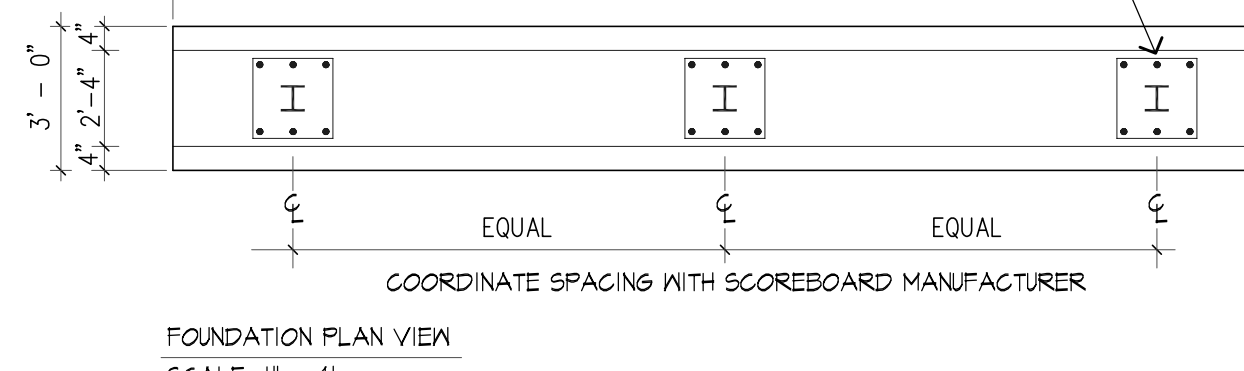
2 CONCRETE PAVEMENT
SCALE: NTS



ELEVATION VIEW
SCALE: 1" = 4'



CROSS-SECTION VIEW
SCALE: 1" = 2'



FOUNDATION PLAN VIEW
SCALE: 1" = 4'

3 BASEBALL SCOREBOARD DETAILS
SCALE: NTS

ISSUE LOG:

DATE	ISSUE
02/26/2025	DESIGN DEVELOPMENT (NOI SUBMISSION)

No.	Date	Revision

CONSULTANT:
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DATE:
02/26/2026

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

DRAWING TITLE:
BASEBALL & TENNIS ENLARGEMENT

L104



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

No.	Date	Revision

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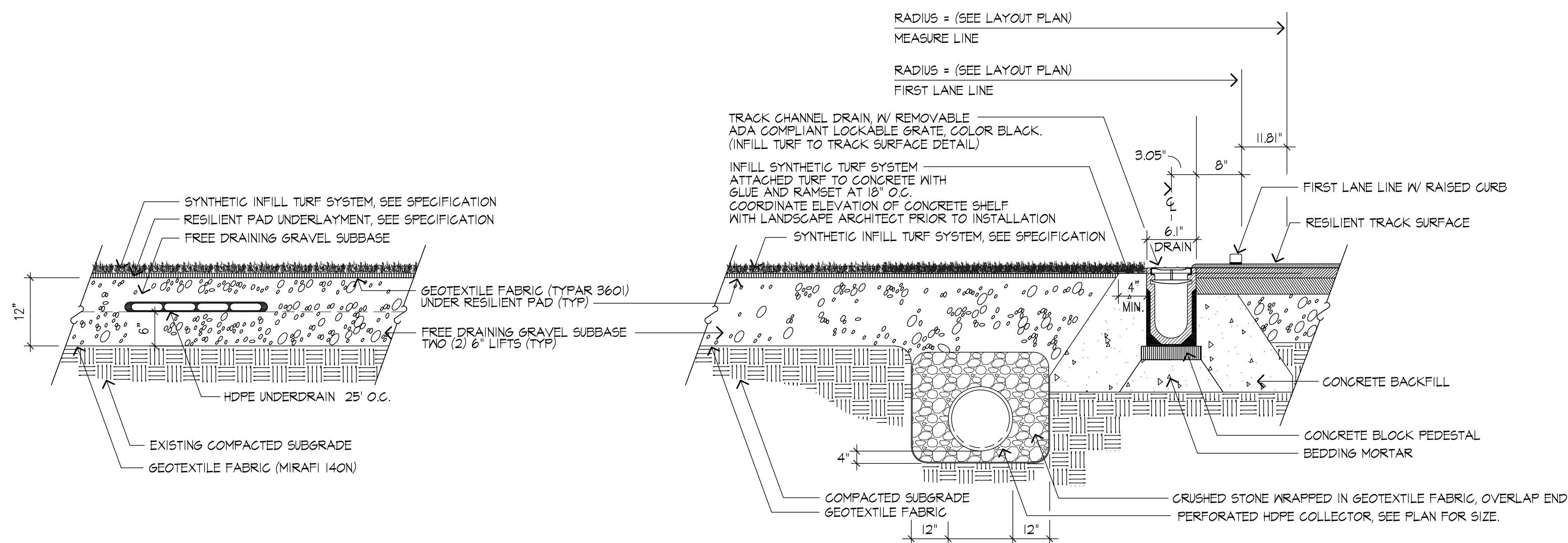


DATE:
02/26/2026

JA PROJECT NUMBER: 2518
SCALE: As noted

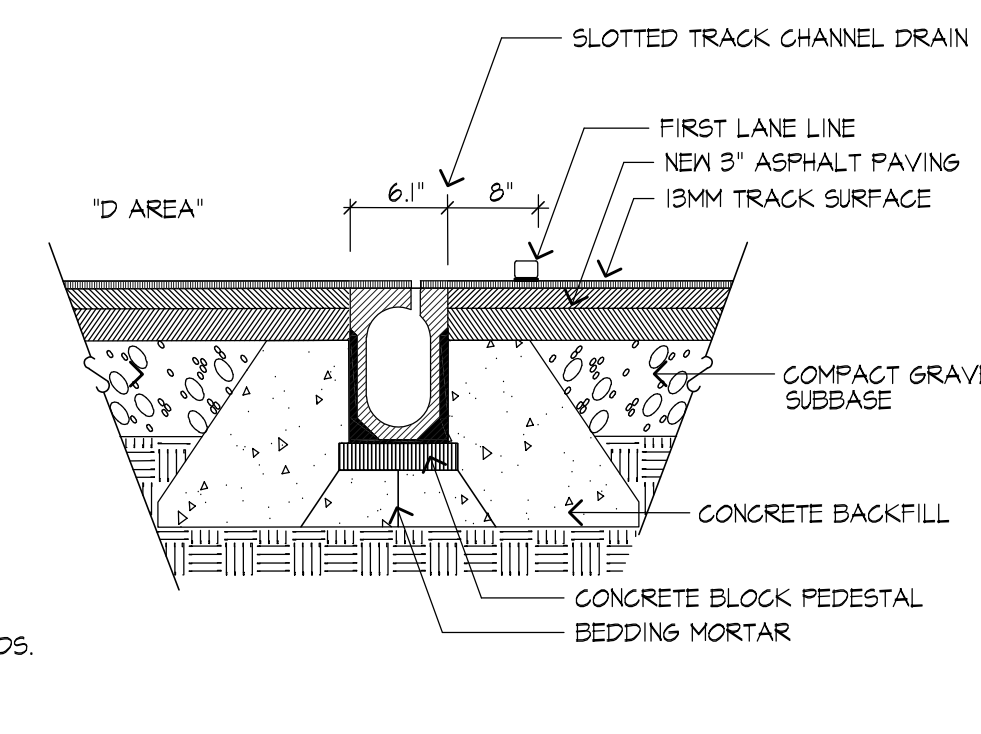
DRAWING TITLE:
TRACK & FIELD CONSTRUCTION DETAILS

L201

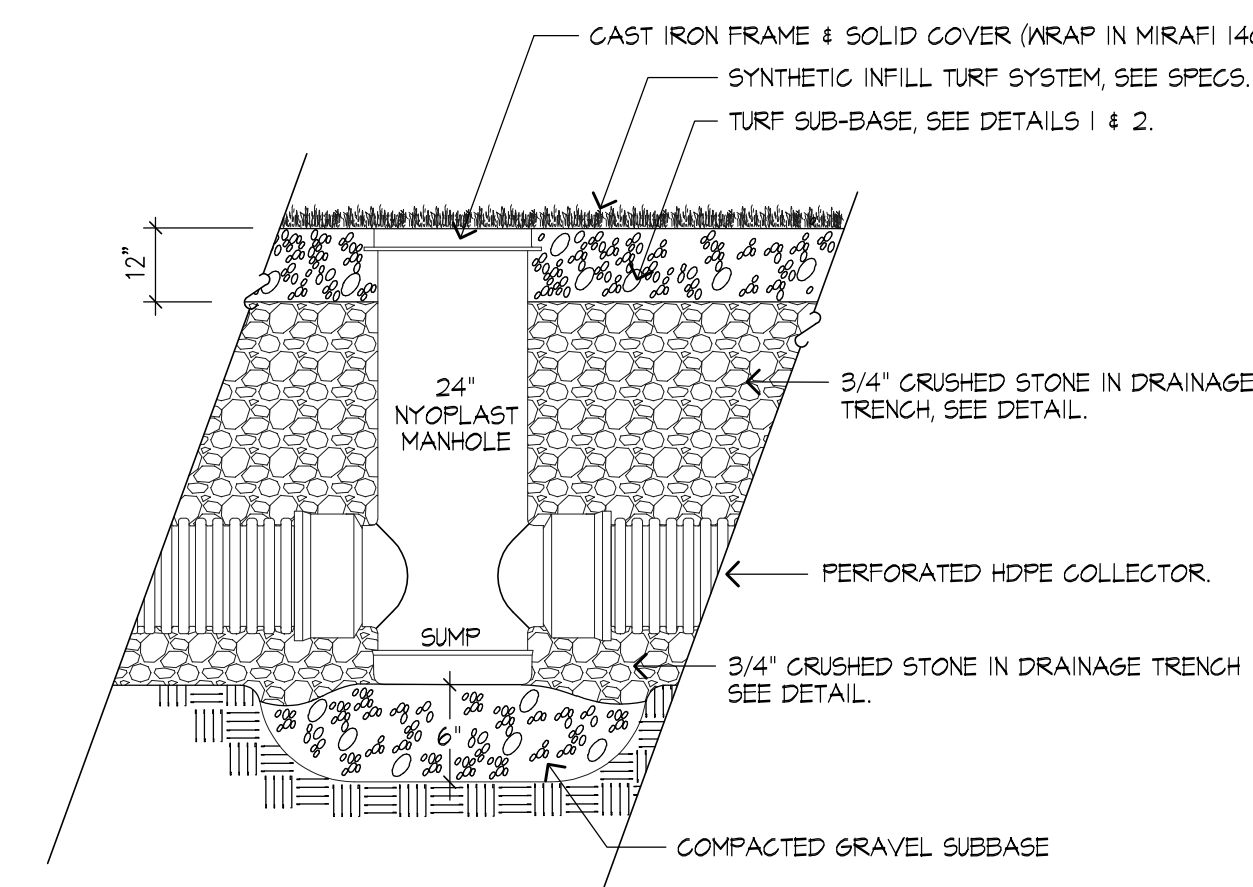


1 TYPICAL INFILLED SYNTHETIC TURF SYSTEM
SCALE: NTS

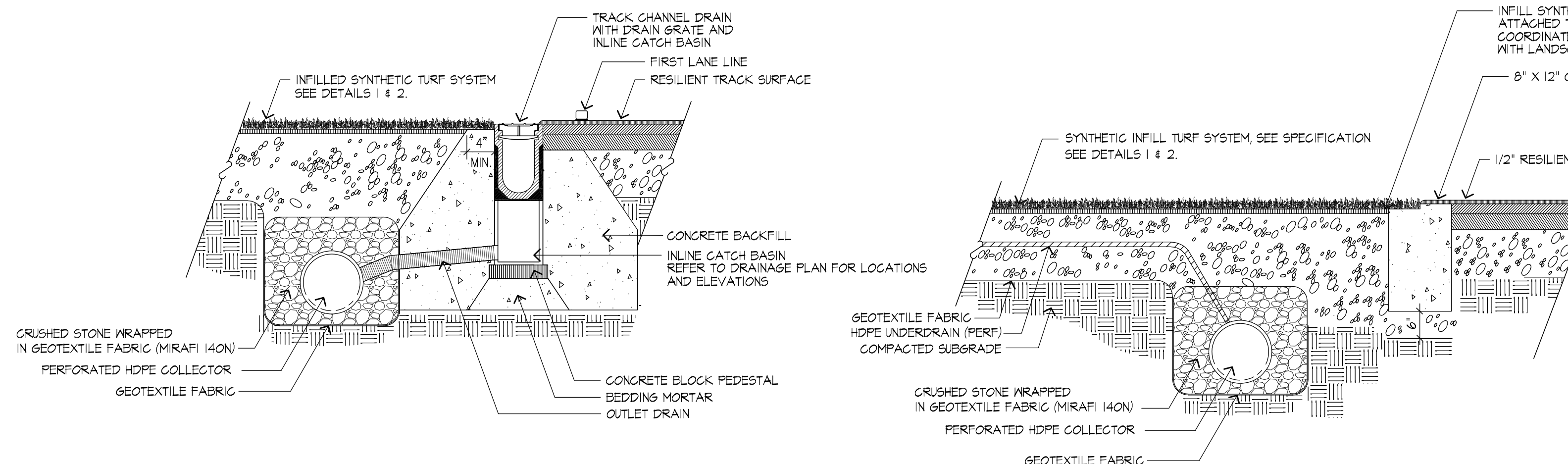
2 TYPICAL INSIDE EDGE OF TRACK - SECTION
SCALE: NTS



3 SLOTTED TRACK CHANNEL DRAIN
SCALE: NTS

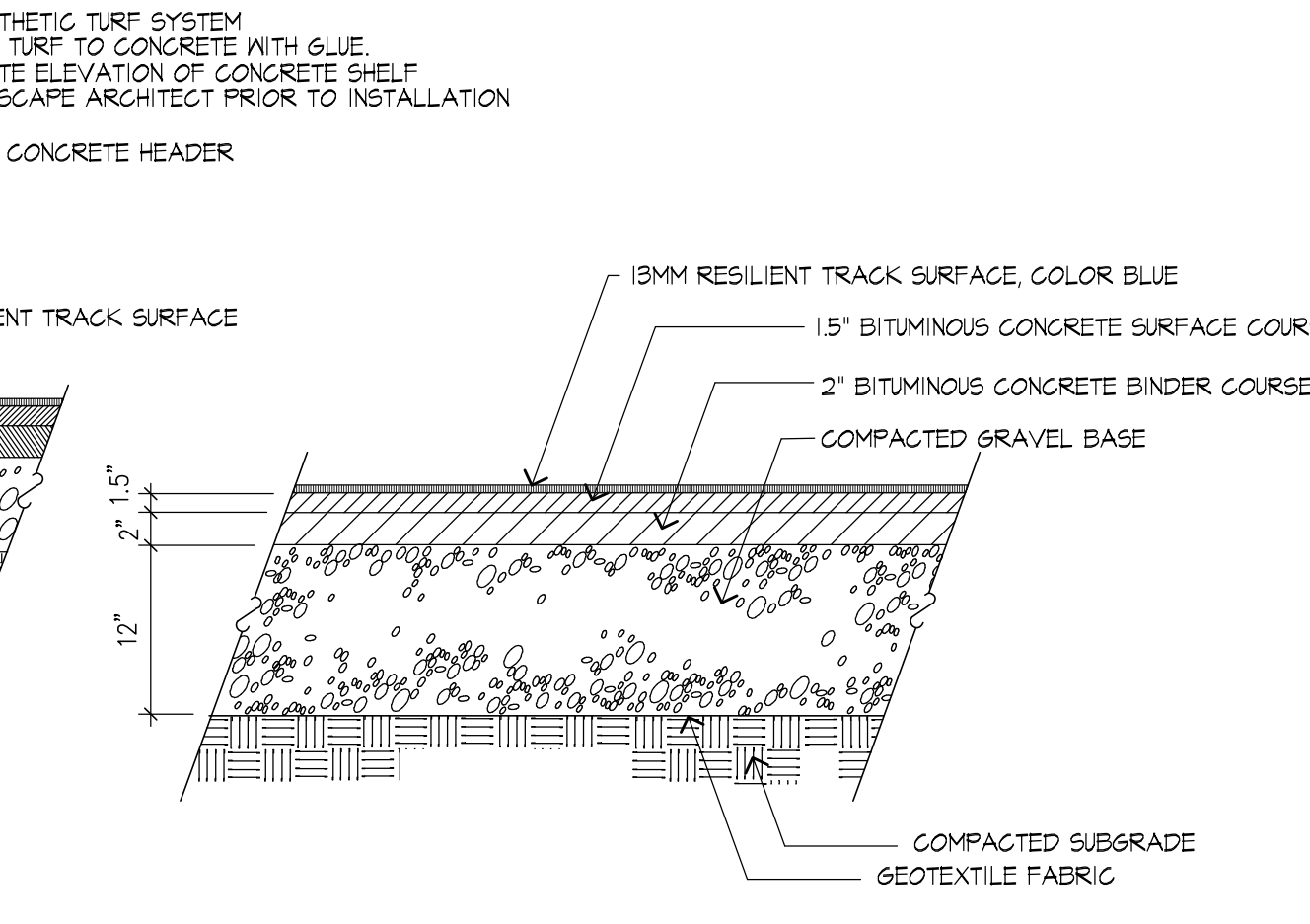


4 NYOPLAST TURF MANHOLE
SCALE: NTS

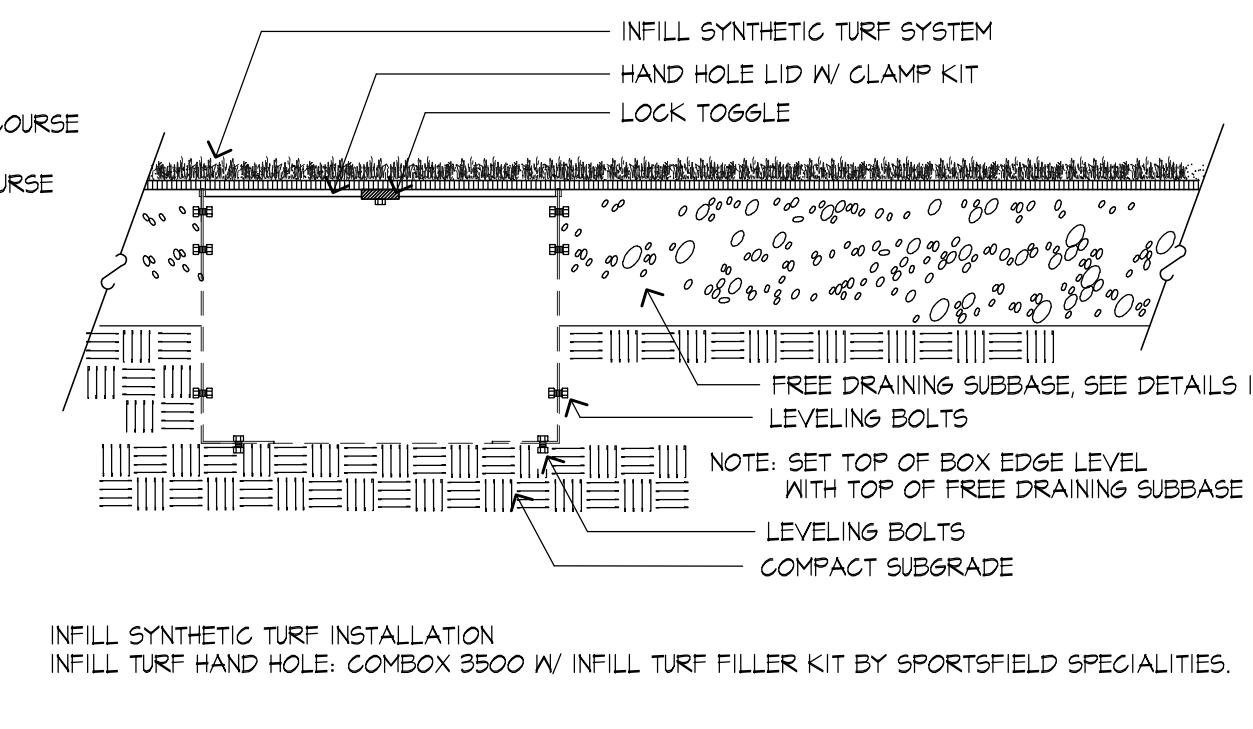


5 INLINE CATCH BASIN SECTION
SCALE: NTS

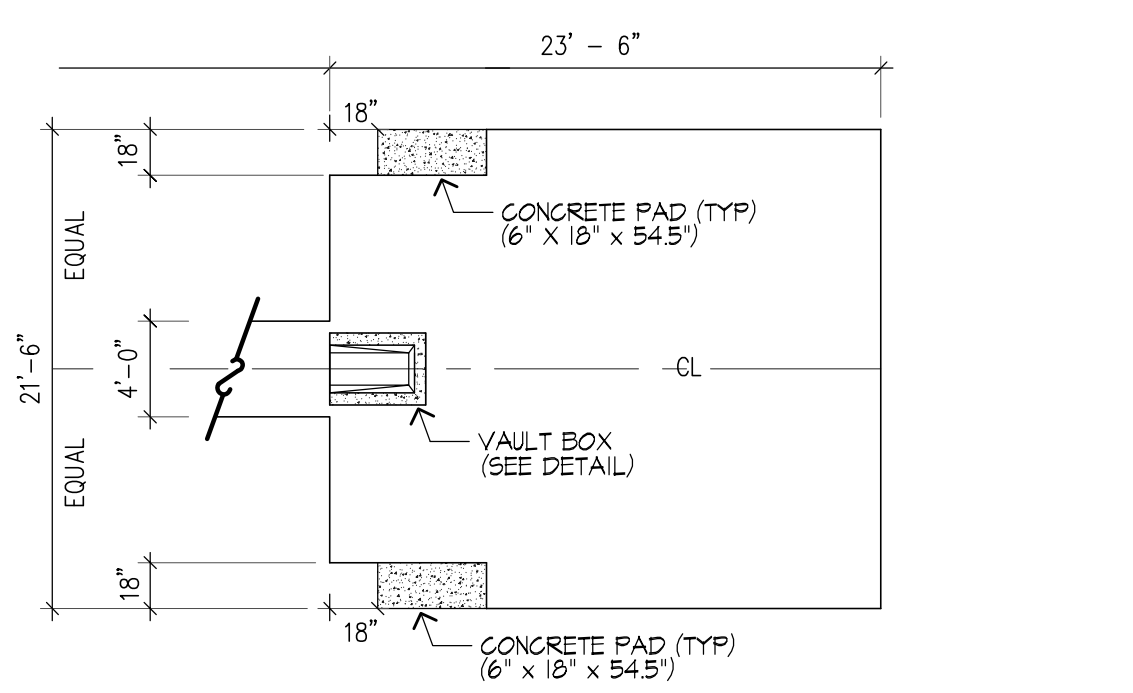
6 TYPICAL TRACK EDGE AT 'D' AREA
SCALE: NTS



7 RESILIENT TRACK SURFACE
SCALE: NTS

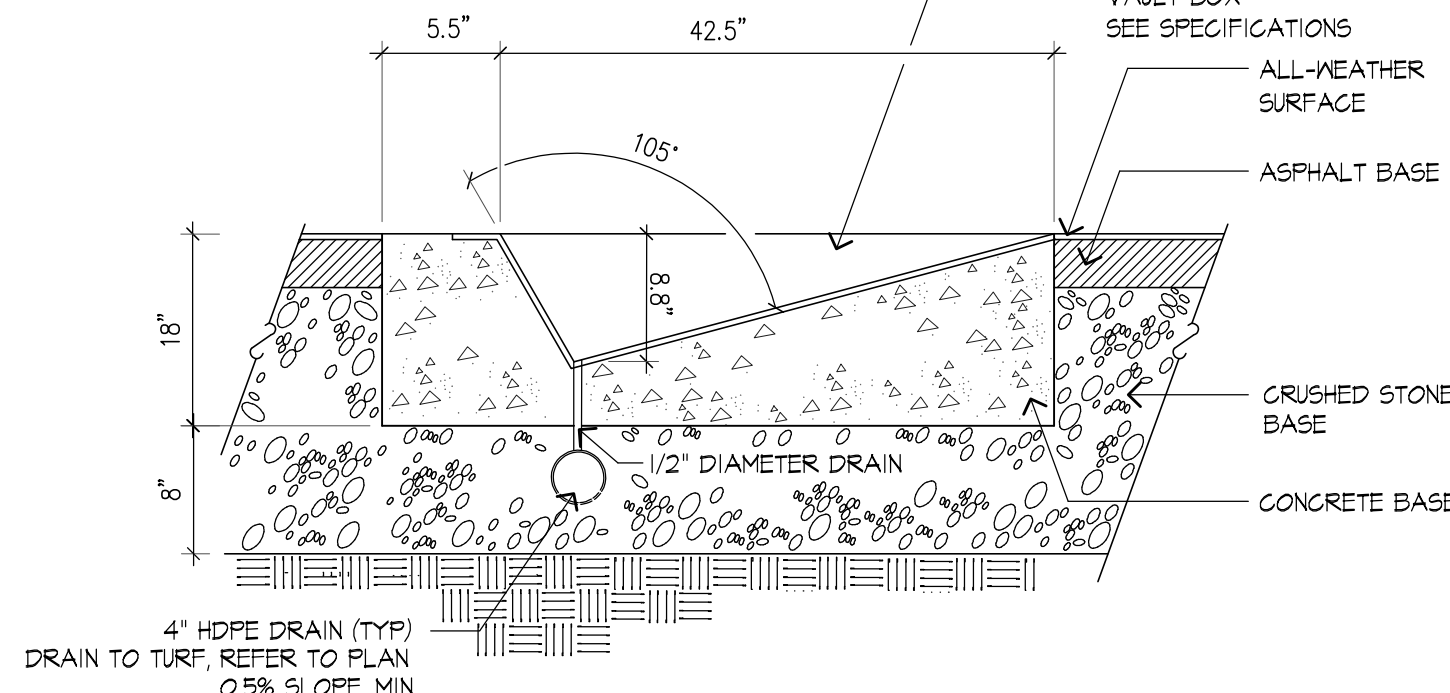


8 HANDHOLE BOX DETAIL
SCALE: NTS

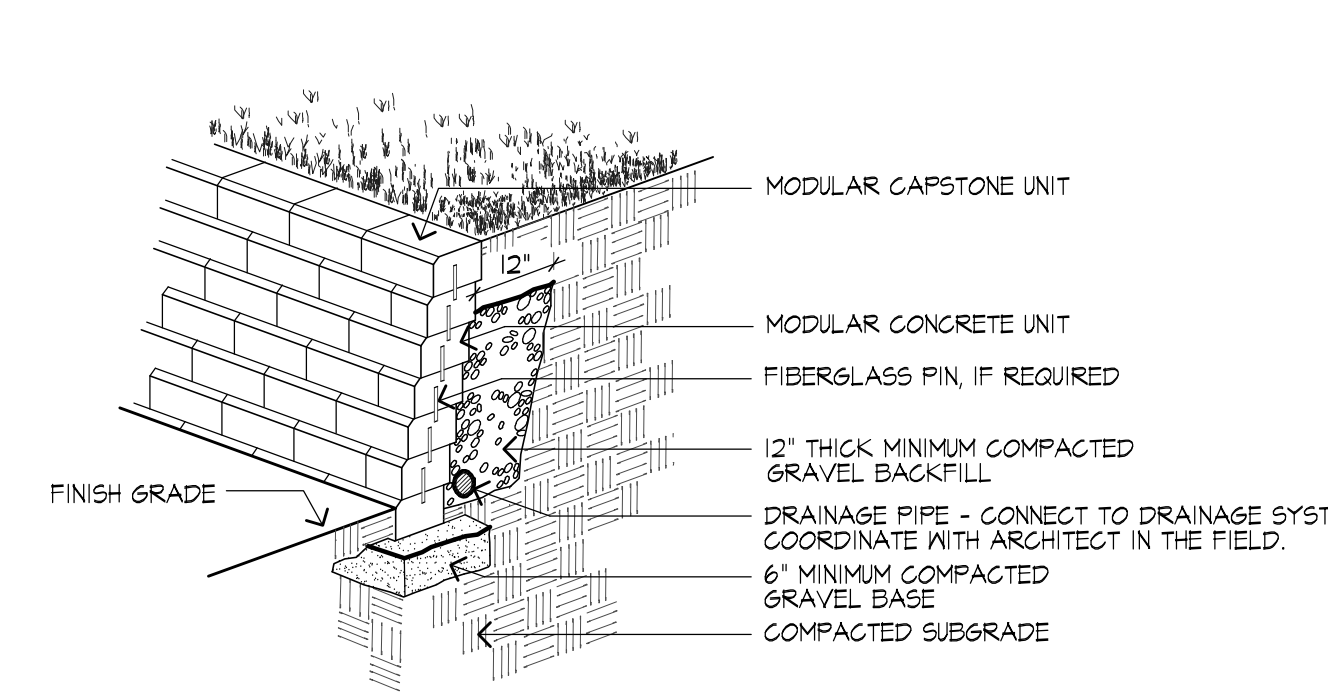


NOTE: TOP OF VAULT BOX AND TOP OF BOTH CONCRETE PADS TO BE SET AT A CONSTANT ELEVATION. COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION

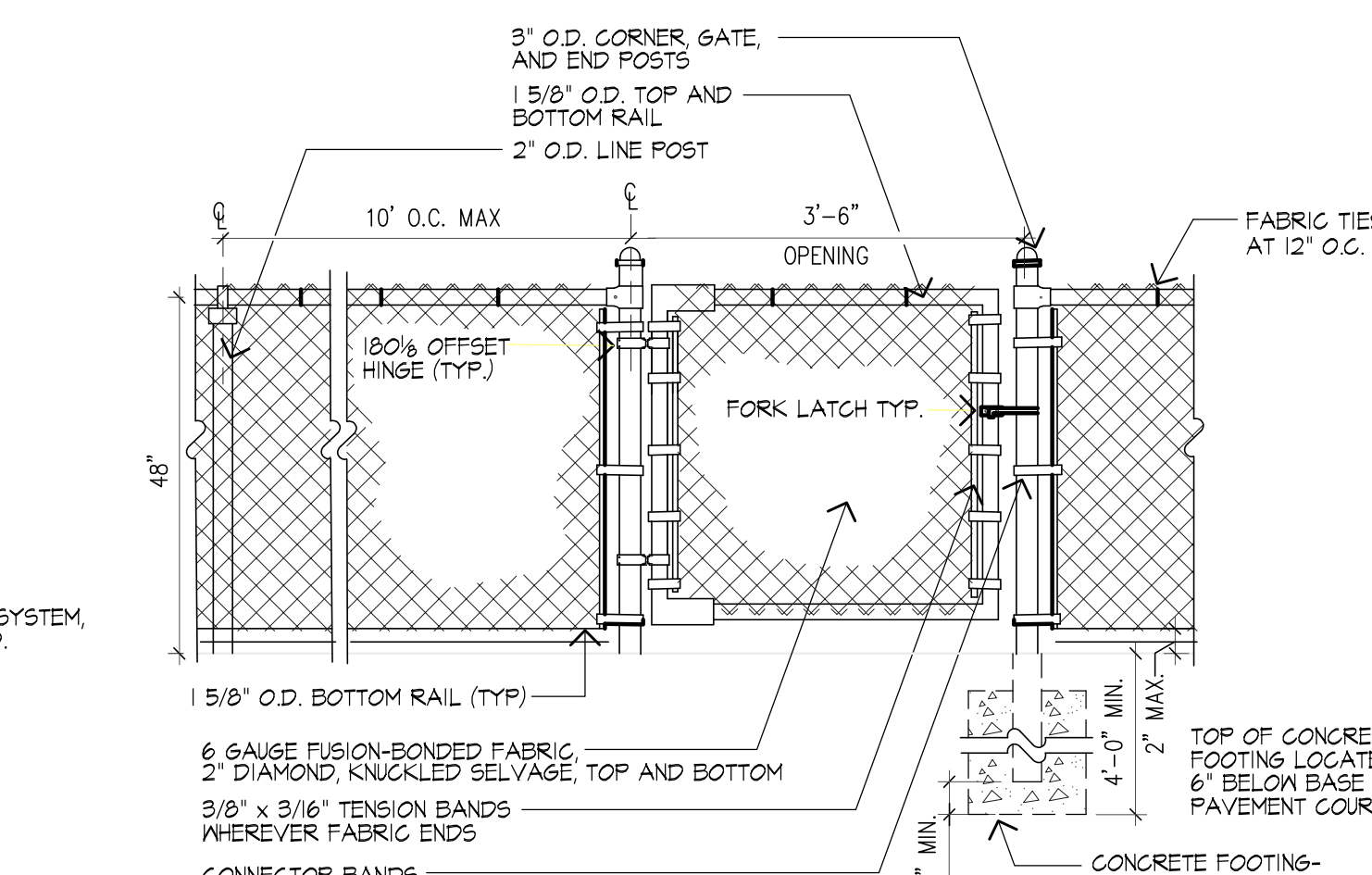
9 POLE VAULT LANDING AREA
SCALE: NTS



10 VAULT BOX SECTION
SCALE: NTS



11 "MODULAR BLOCK" RETAINING WALL
SCALE: NTS



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



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

No.	Date	Revision

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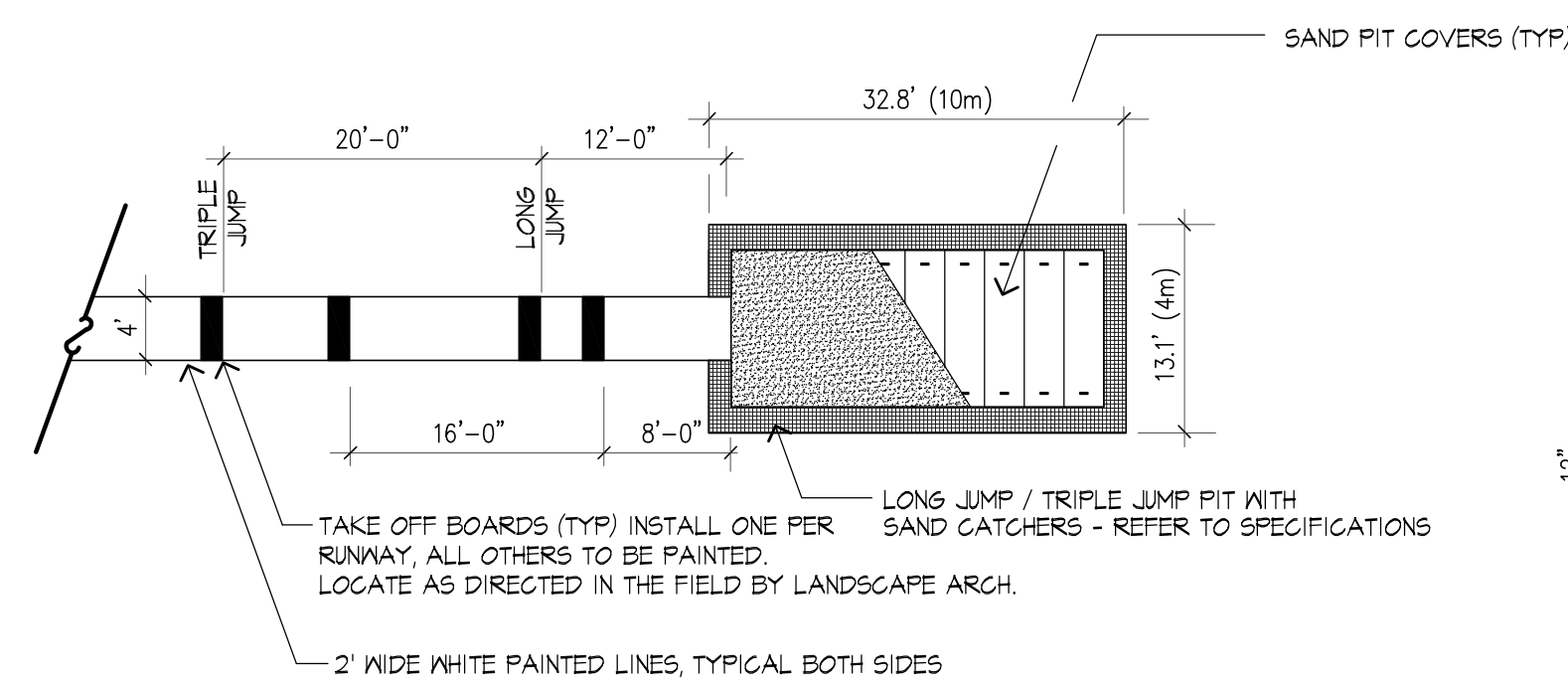
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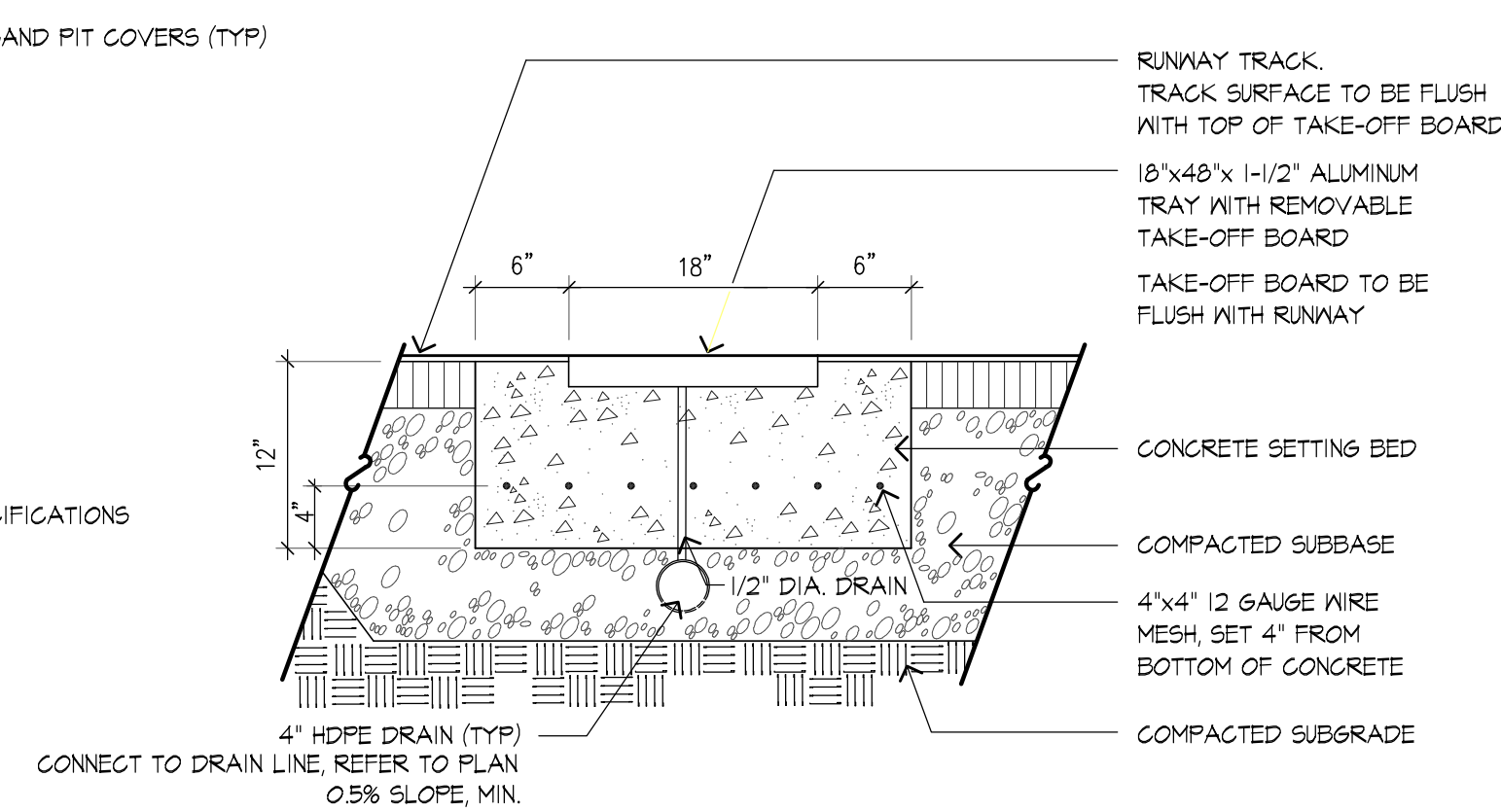
DATE:
02/26/2026

JA PROJECT NUMBER: 2518 SCALE: As noted

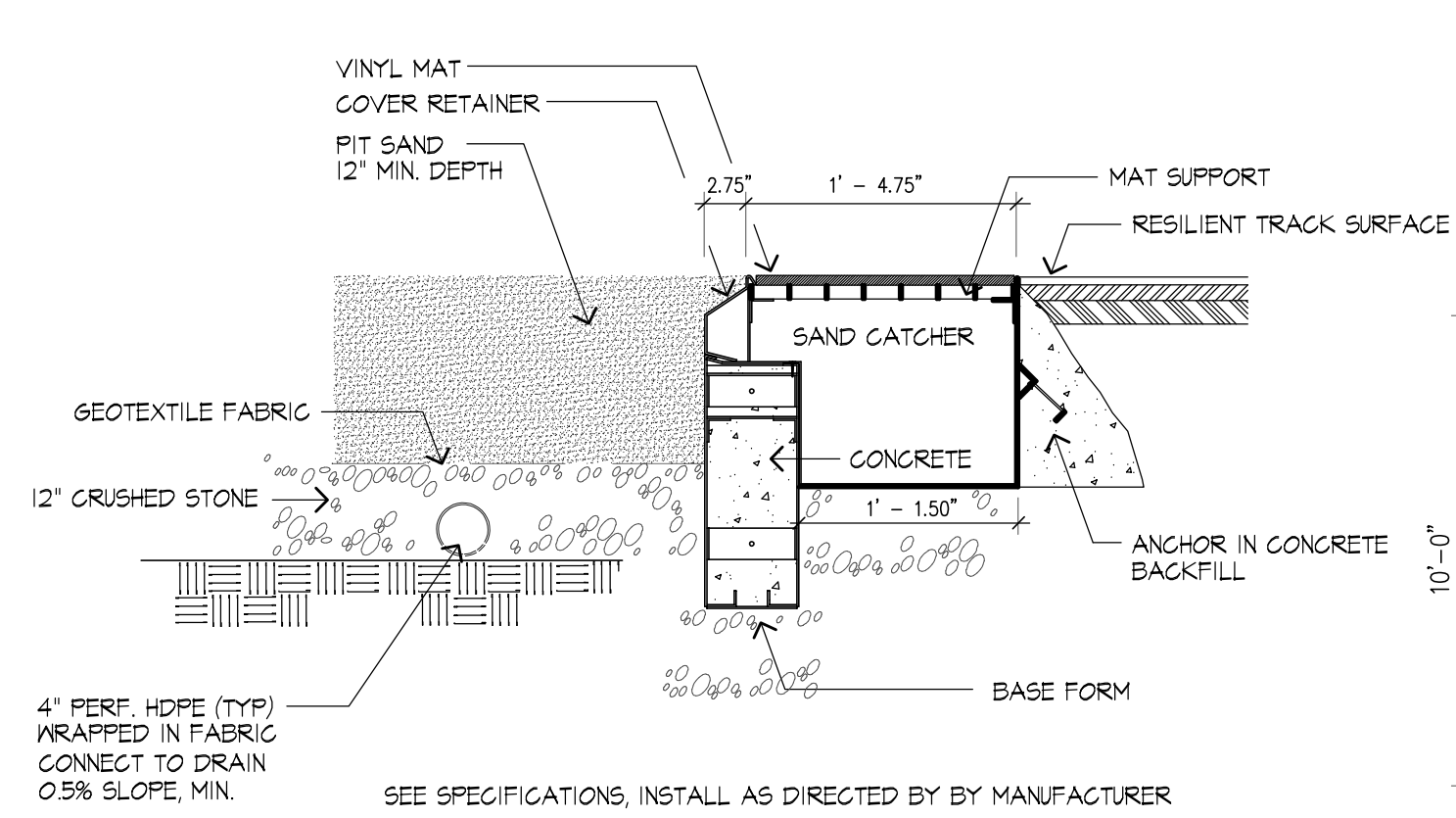
DRAWING TITLE:
TRACK & FIELD CONSTRUCTION DETAILS



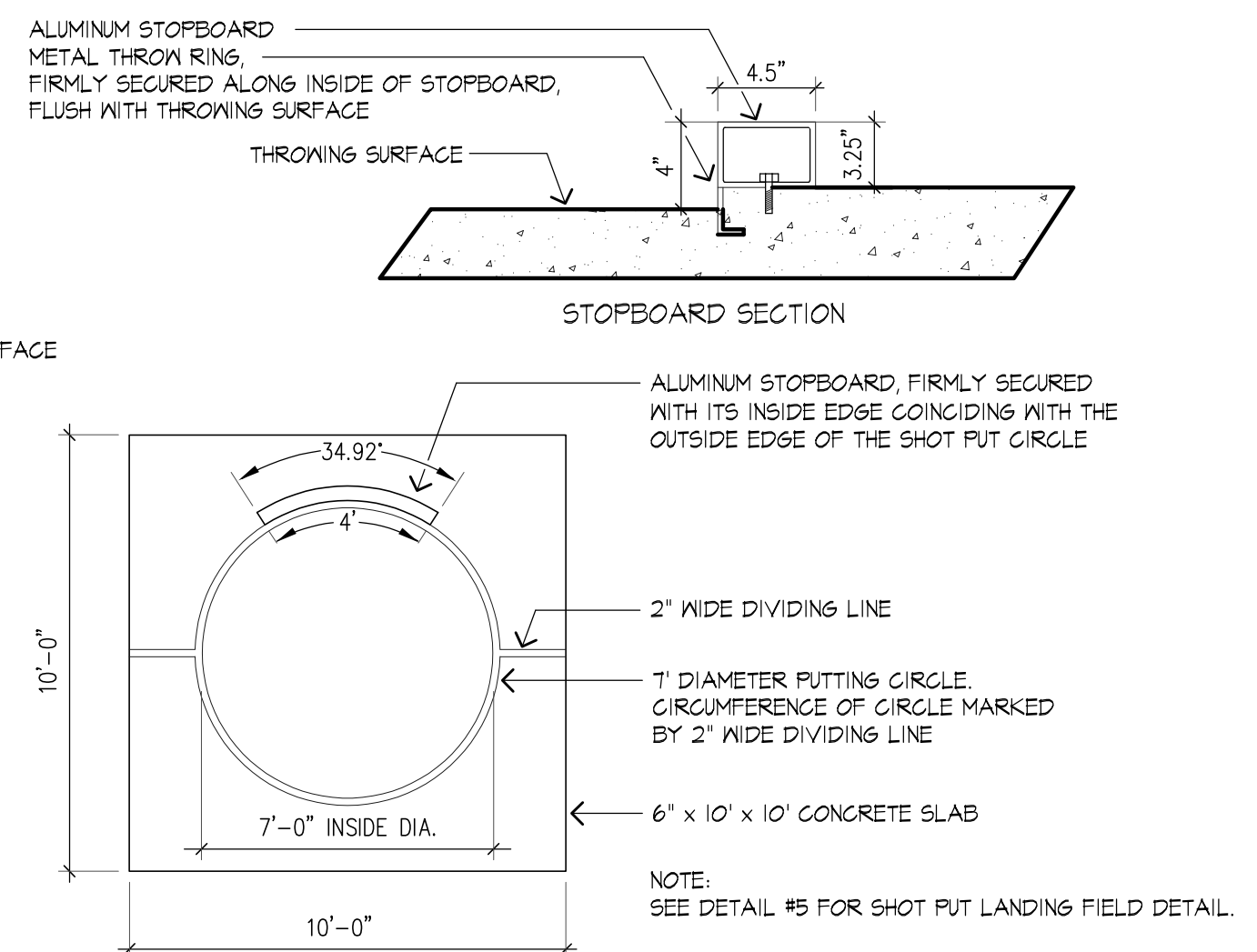
1 PLAN - JUMP PIT
SCALE: NTS



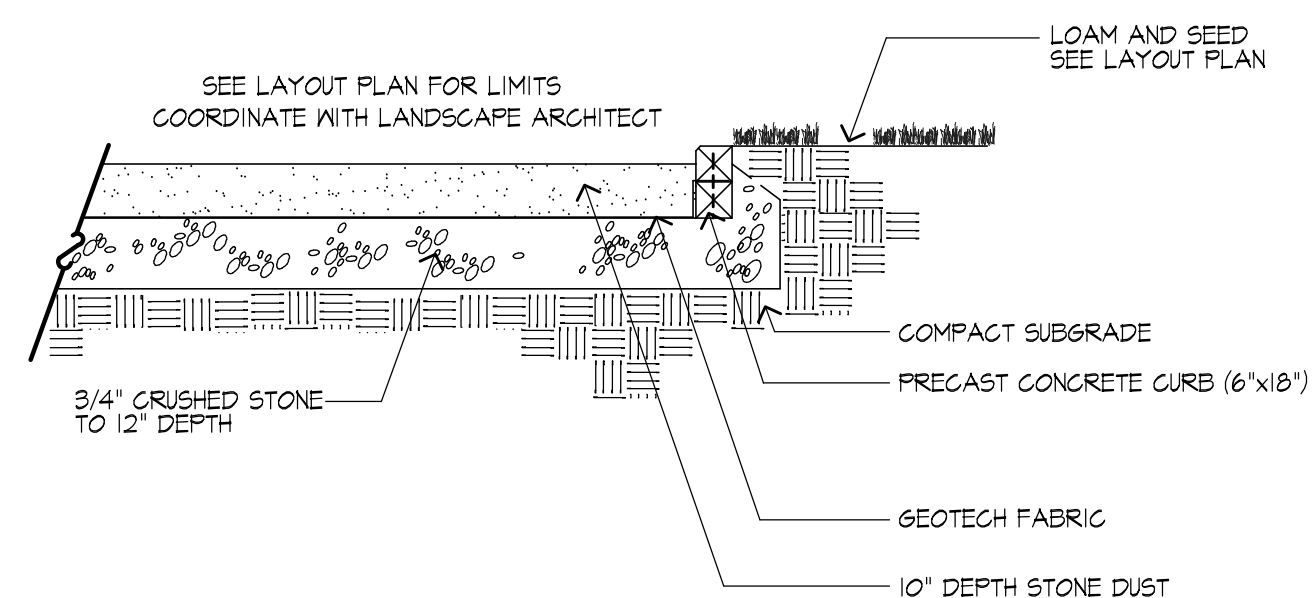
2 TAKE-OFF BOARD
SCALE: NTS



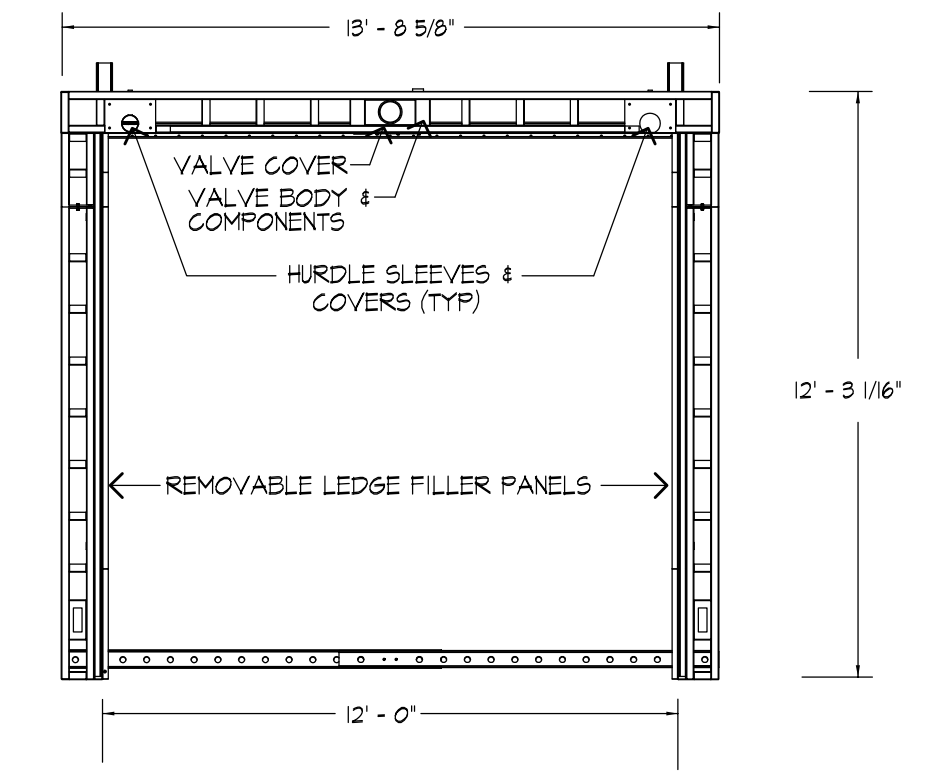
3 SAND PIT WITH SAND CATCHERS - SECTION
SCALE: NTS



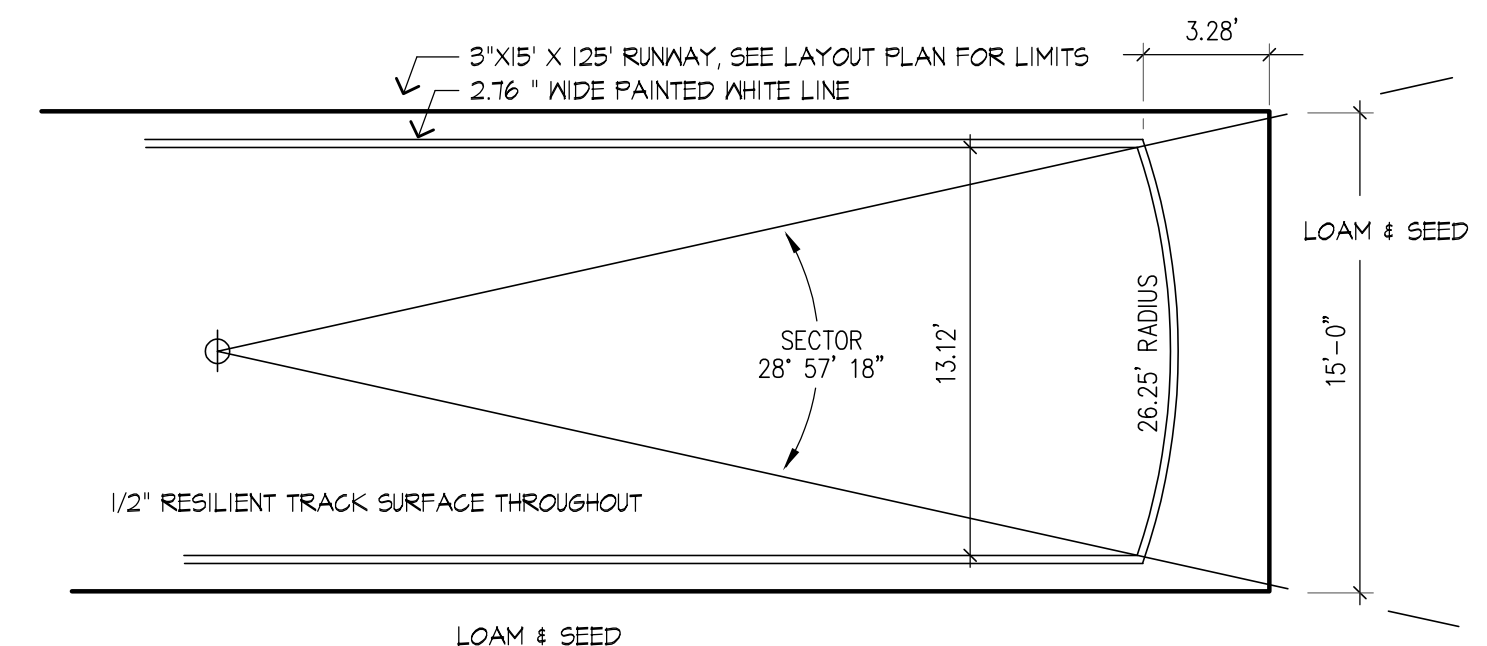
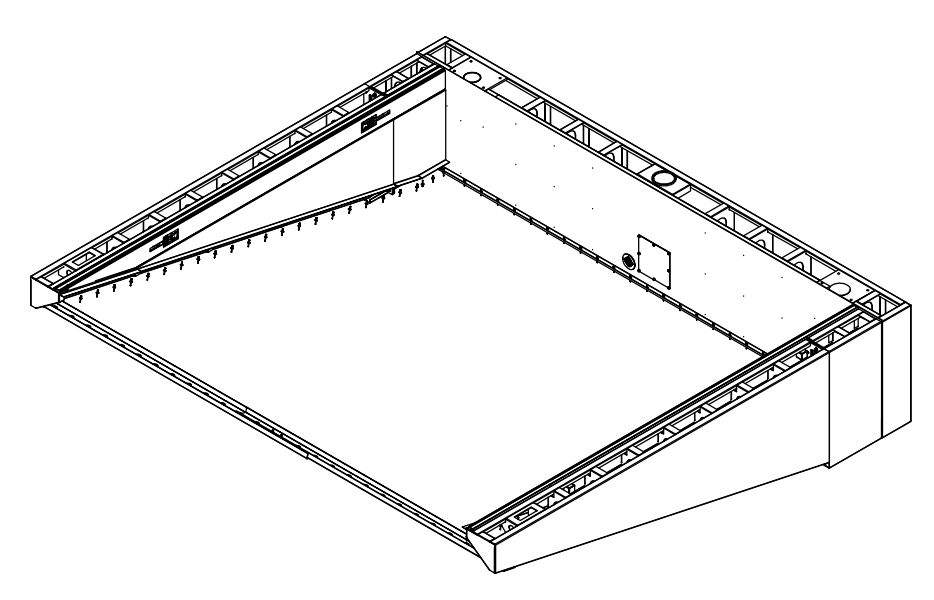
4 SHOT PUT CIRCLE



5 SHOT PUT LANDING FIELD
SCALE: NTS

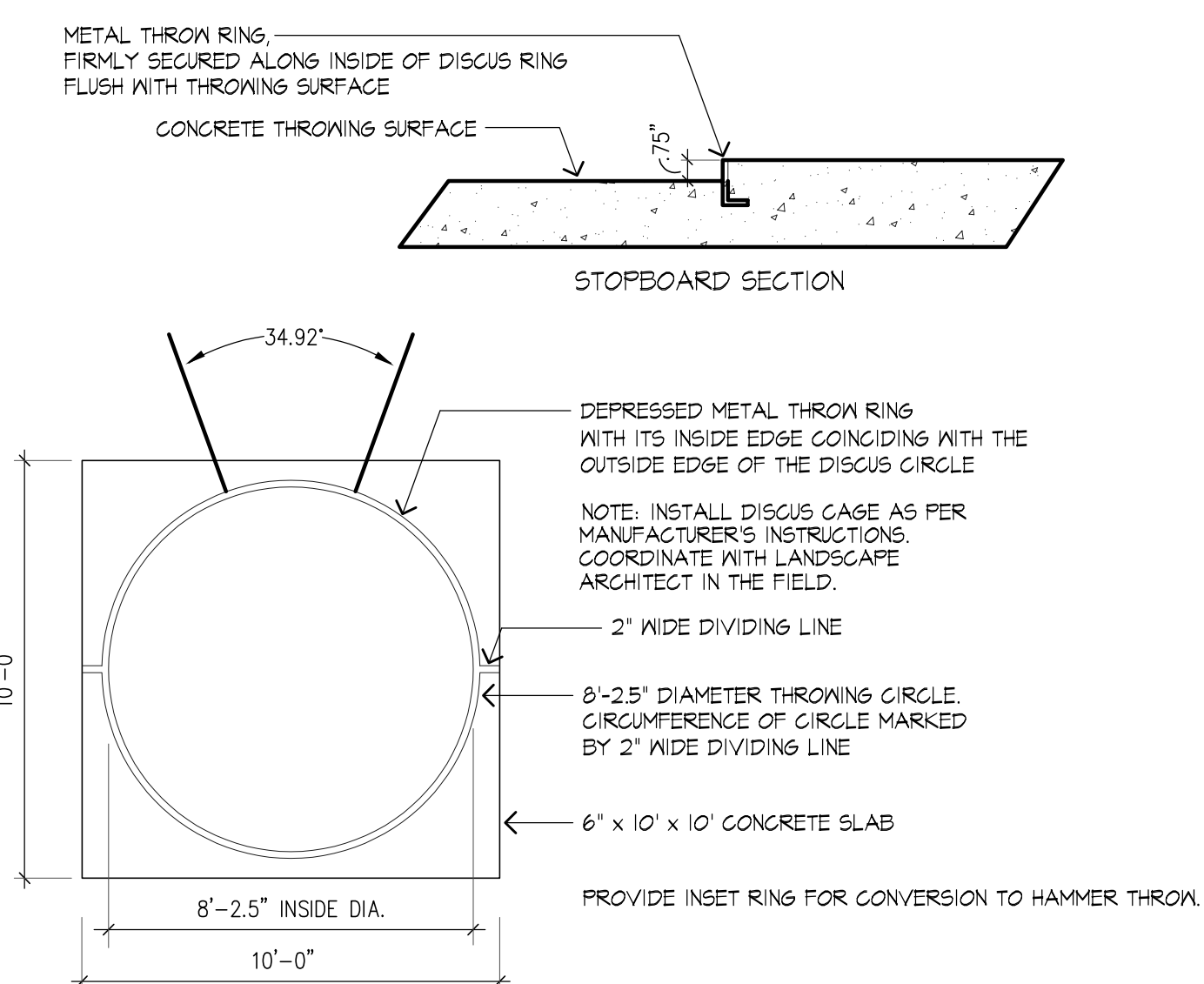


6 STEEPLECHASE PIT & COVER SYSTEM
SCALE: NTS

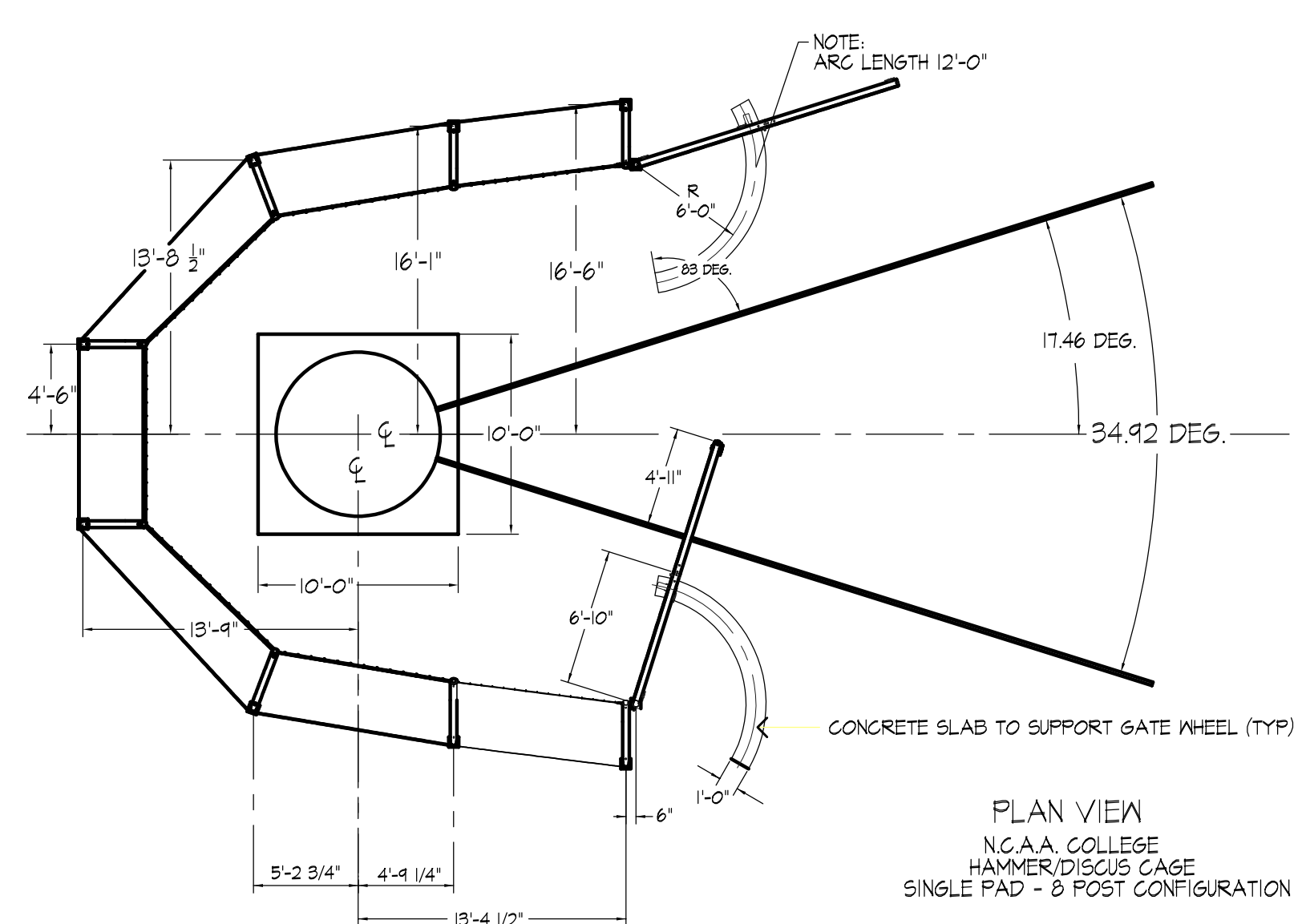


7 JAVELIN RUNWAY AREA
SCALE: NTS

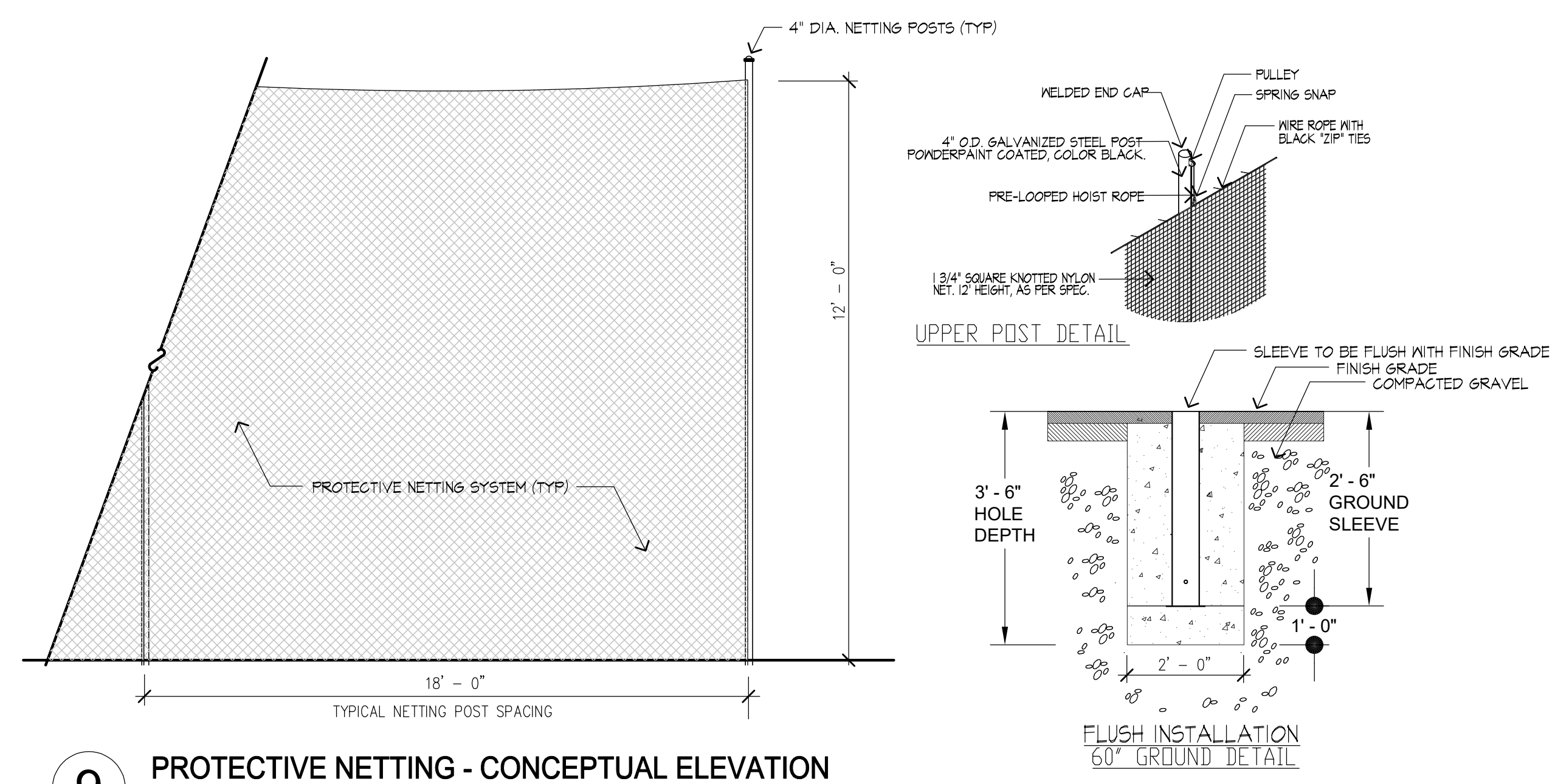
APPROVED PRODUCTS INCLUDE SPORTSFIELD SPECIALTIES (ALSOOO WATER JUMP PIT MODULAR FORMING SYSTEM WITH LEDGE FILLER, VALVE & INTEGRATED PIT COVERS (TYP) COVERS TO BE INSTALLED WITH RESILIENT TRACK SURFACE, AS PER WRITTEN SPECIFICATIONS. SPORTSFIELD SPECIALTIES, INC. 888.915.9343 OR WWW.SPORTSFIELDSPECIALTIES.COM



8 DISCUS/HAMMER THROWING CAGE AND CAGE
SCALE: NTS



9 PROTECTIVE NETTING - CONCEPTUAL ELEVATION
SCALE: NTS.





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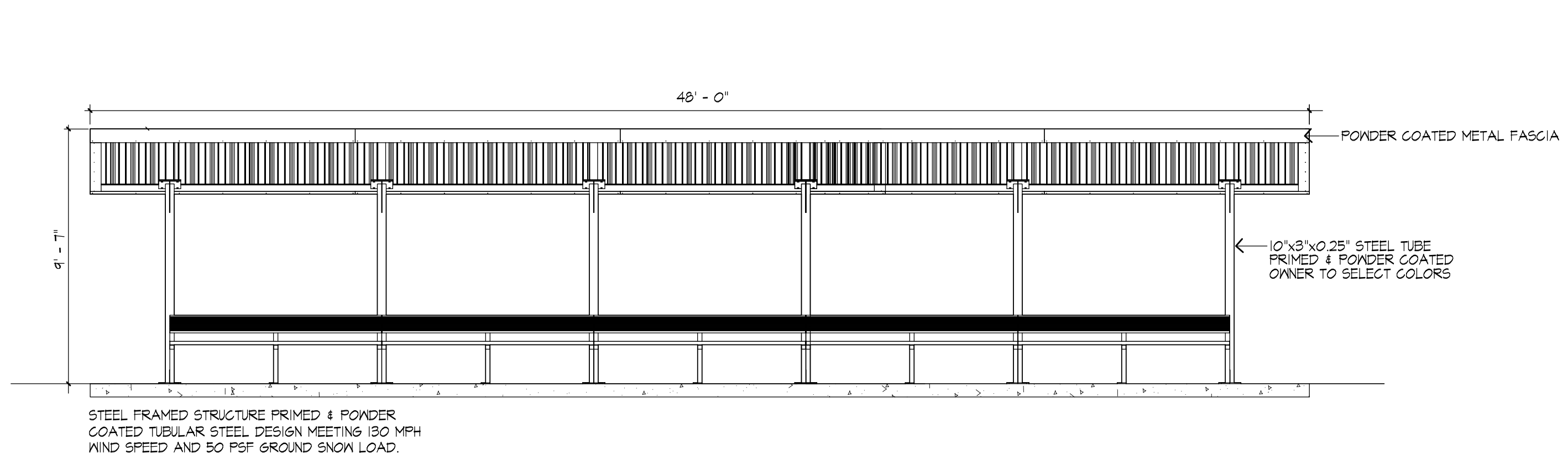
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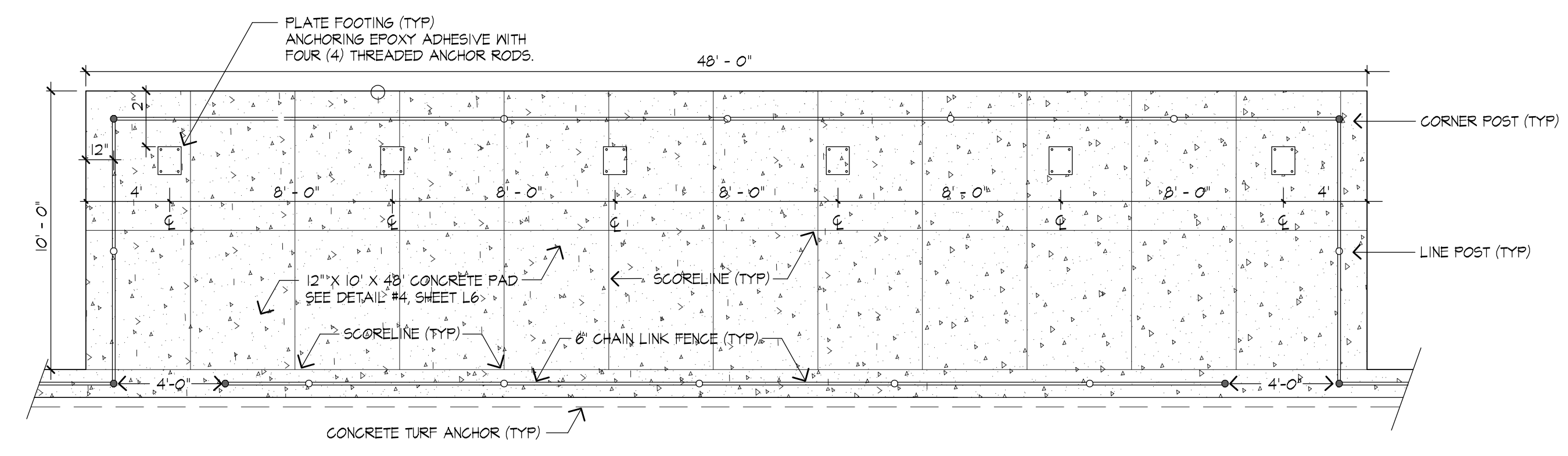
DATE: 02/26/2026	SCALE: As noted
JA PROJECT NUMBER: 2518	

DRAWING TITLE:
BASEBALL FIELD DETAILS

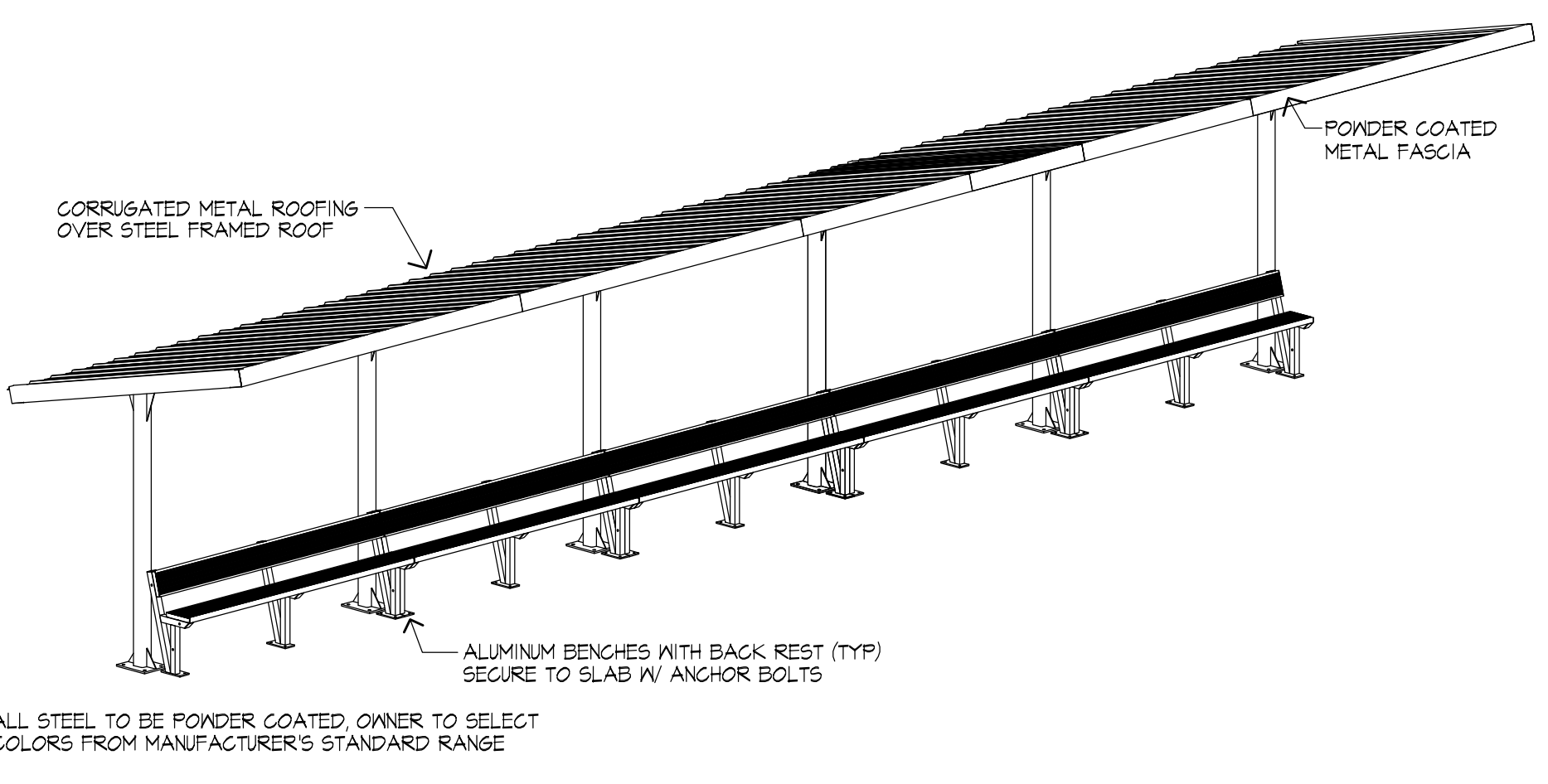
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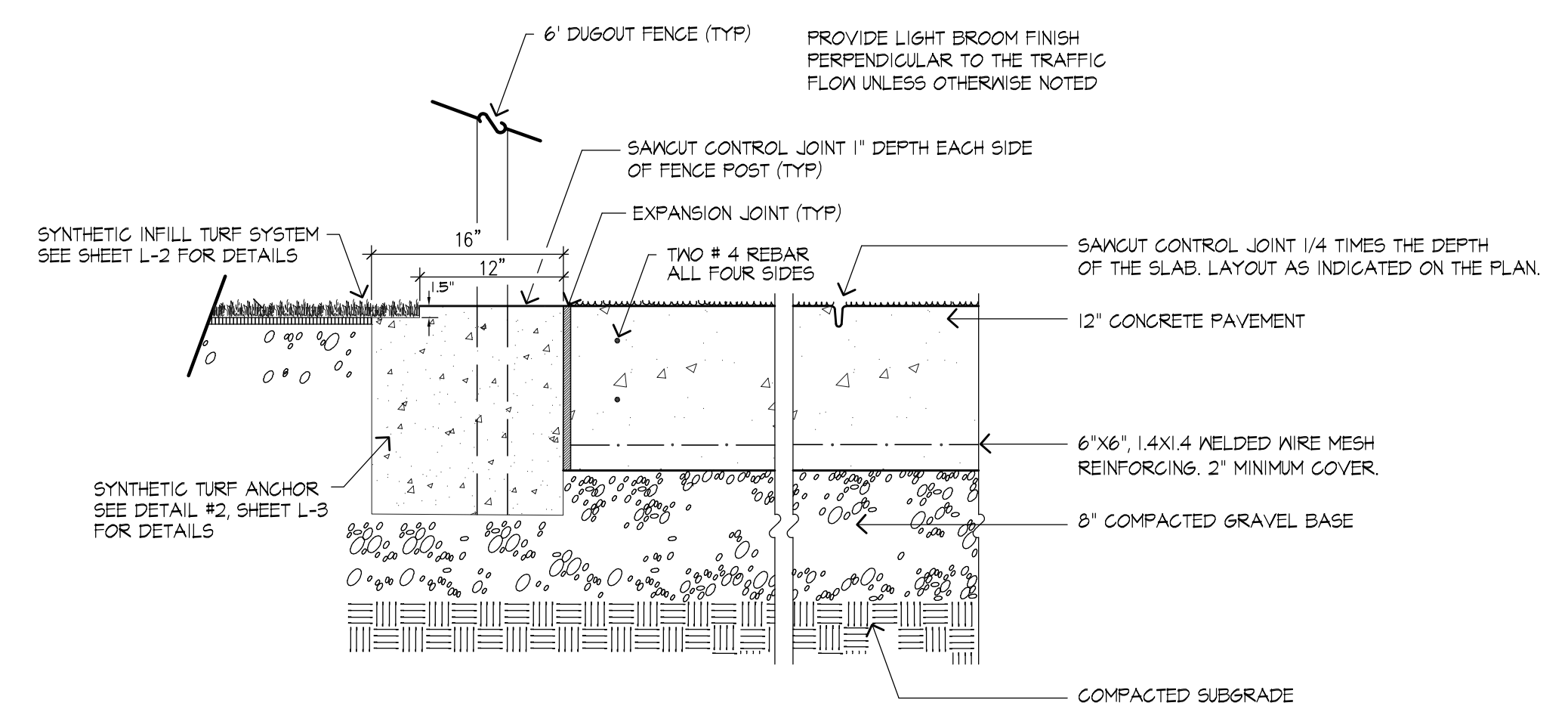
1 DUGOUT ELEVATION & SECTION
SCALE: 1" = 4'



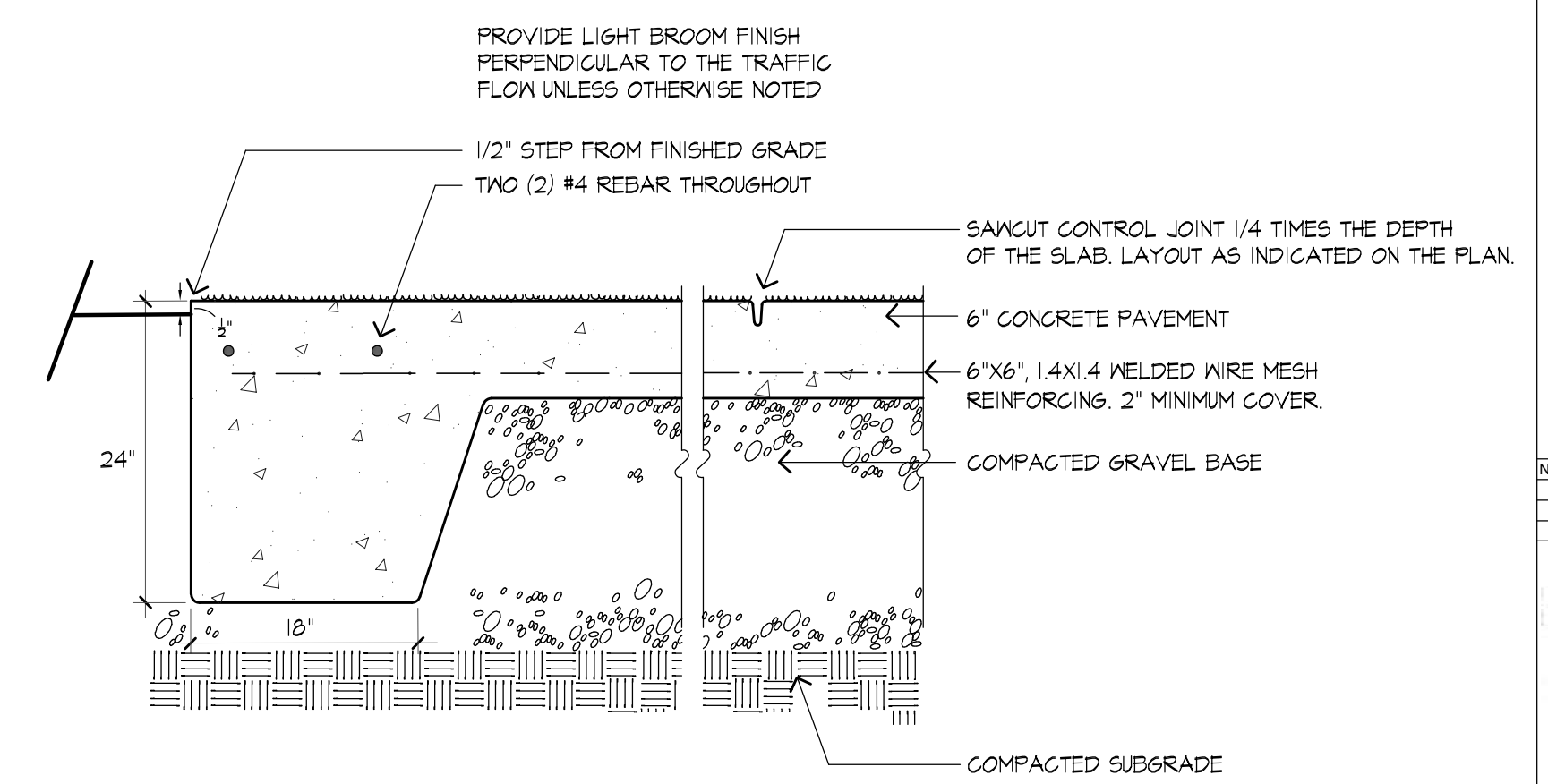
2 DUGOUT AND SLAB LAYOUT
SCALE: 1" = 4'



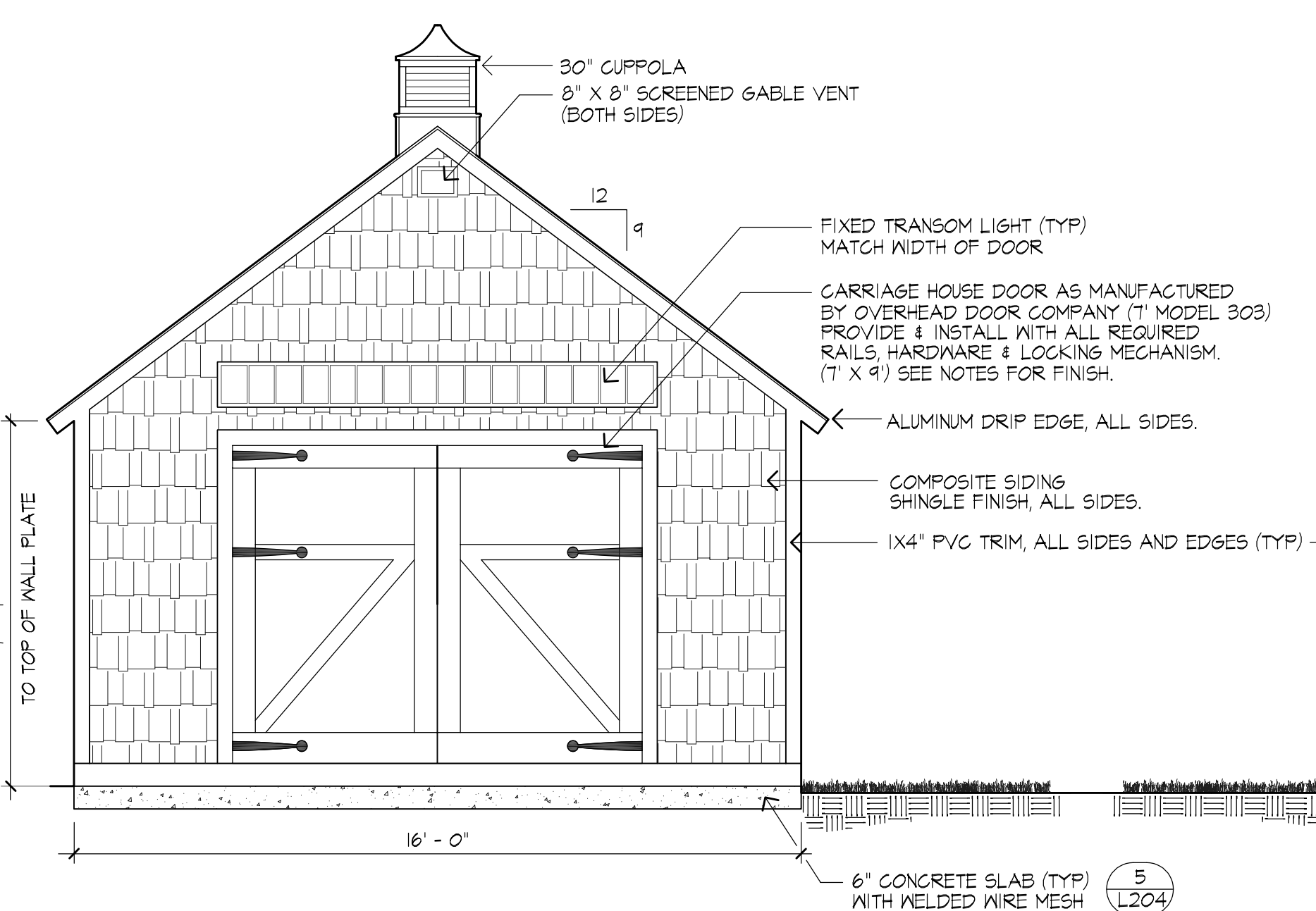
3 CANTILEVER DUGOUT PERSPECTIVE
SCALE: NTS



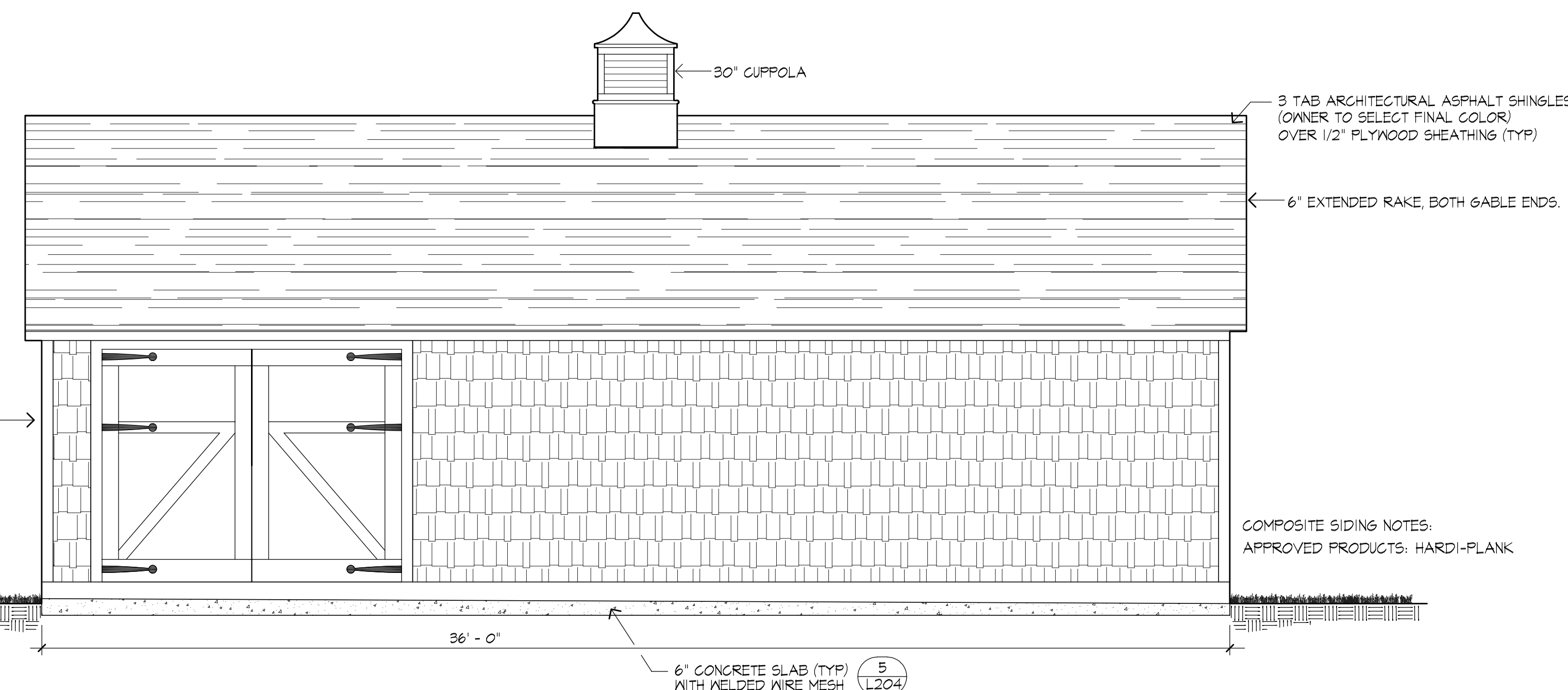
4 CONCRETE DUGOUT SLAB
SCALE: 1" = 1'



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.

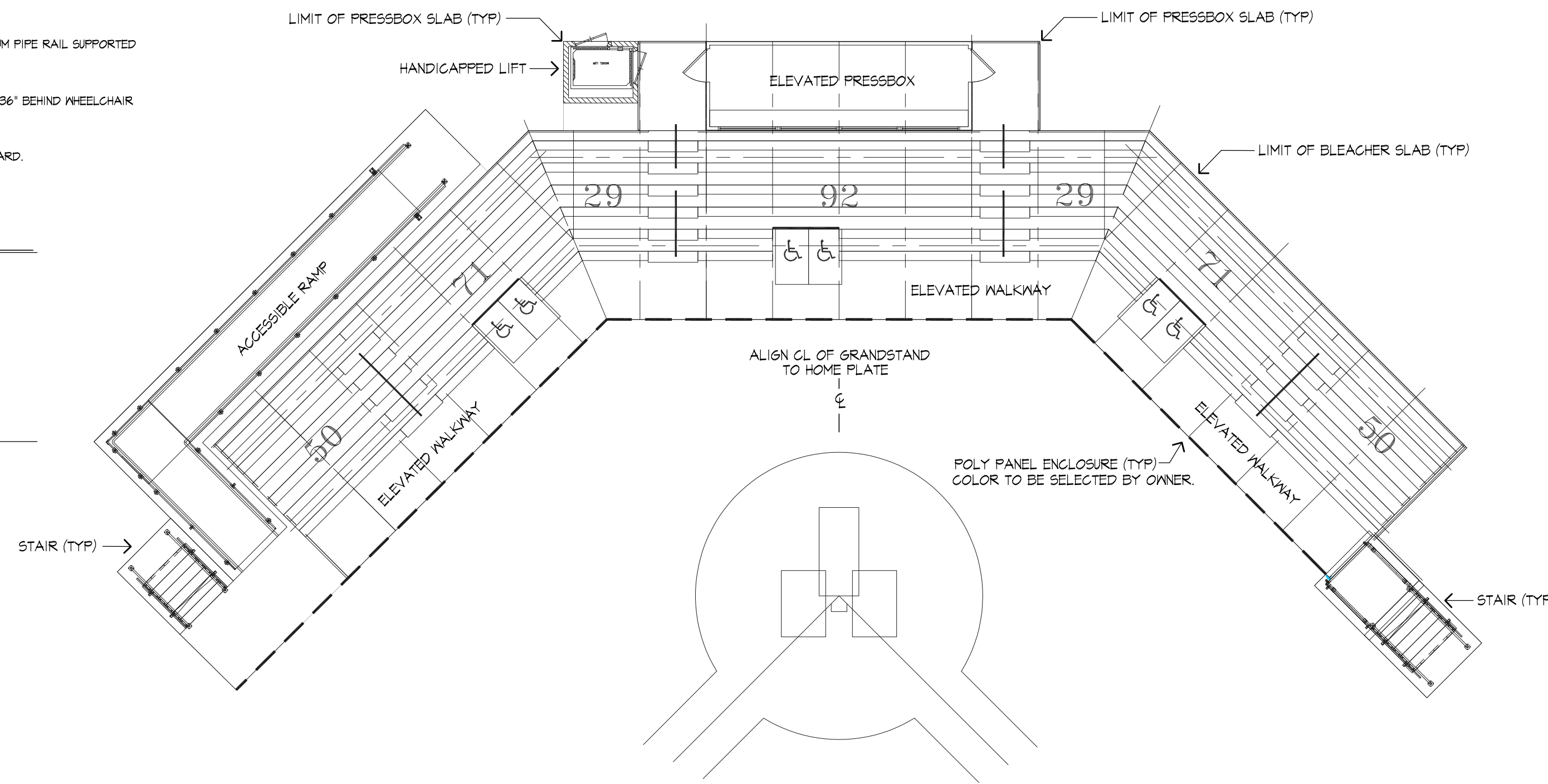
FRONT GUARDRAIL
TOP RAIL LOCATED 42" MIN ABOVE FOOTBOARD. (EXCEPTION: 36" BEHIND WHEELCHAIR SEATING.)

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

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

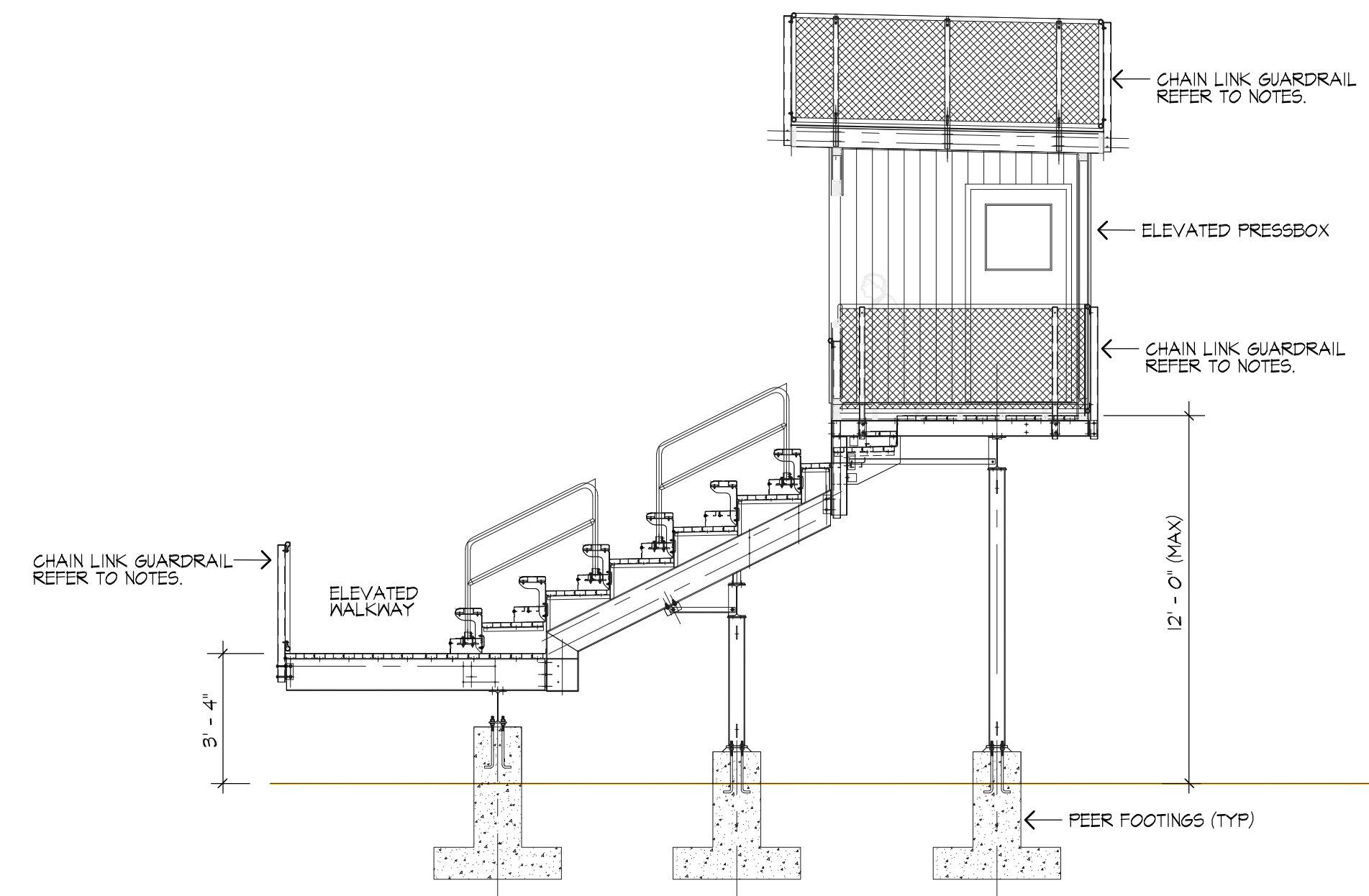
SEATING CAPACITY

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



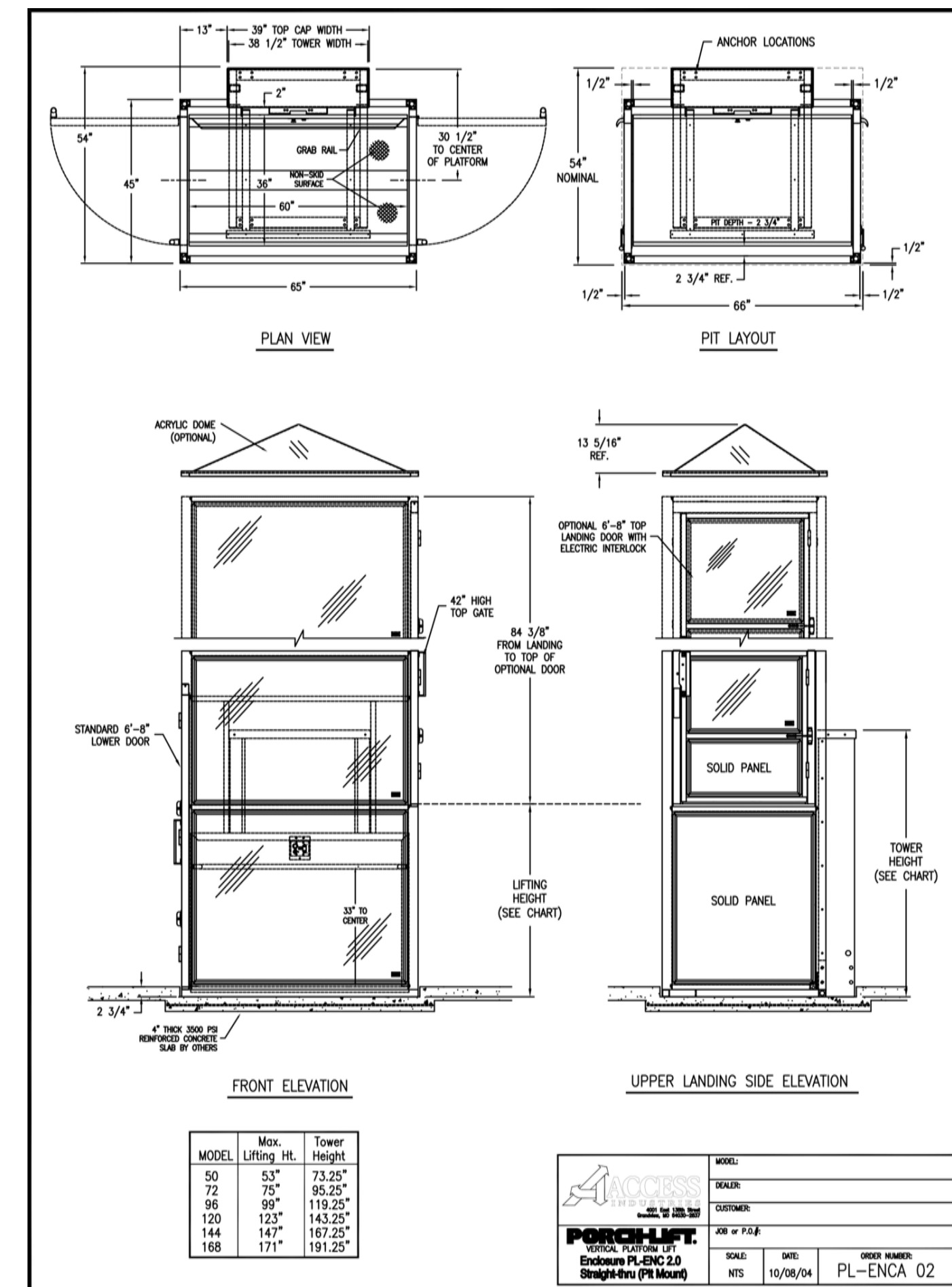
1 BASEBALL GRANDSTAND SEATING PLAN

SCALE: NTS



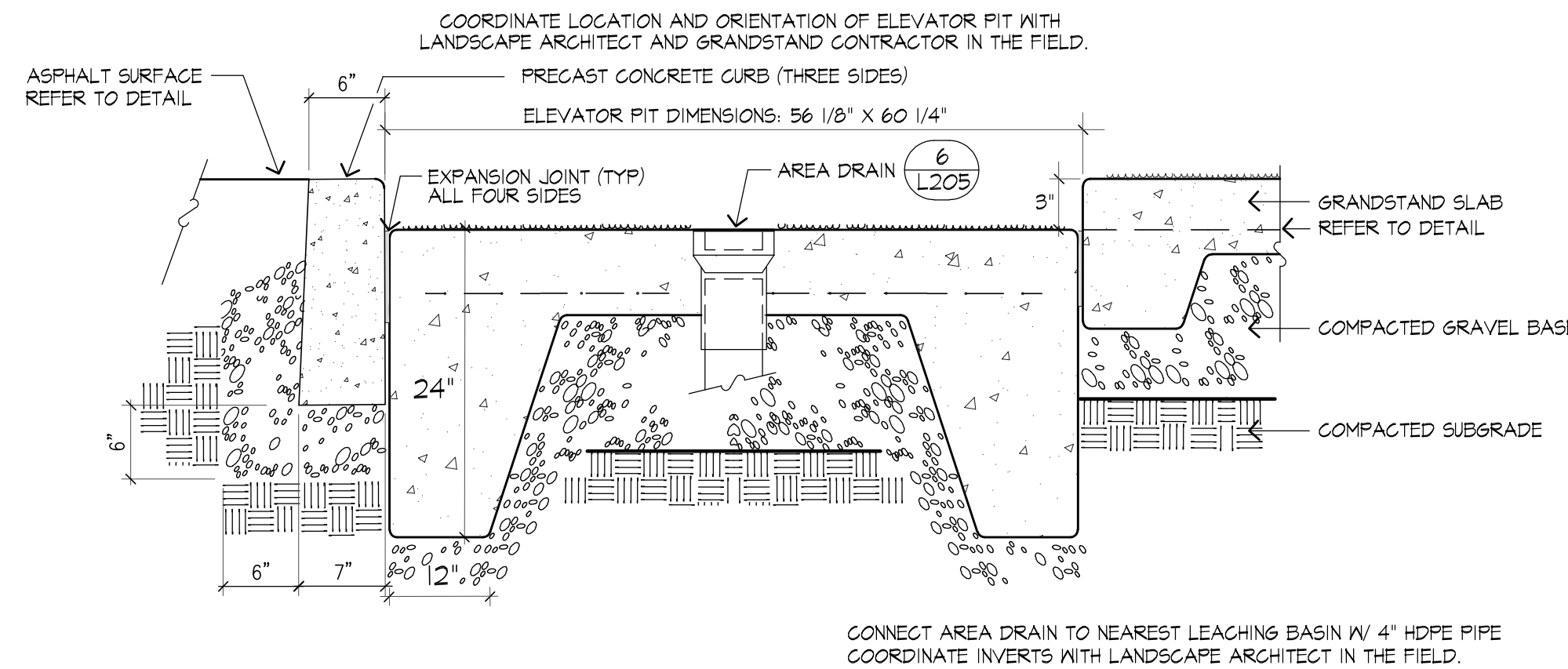
2 BASEBALL GRANDSTAND CROSS-SECTION

SCALE: NTS



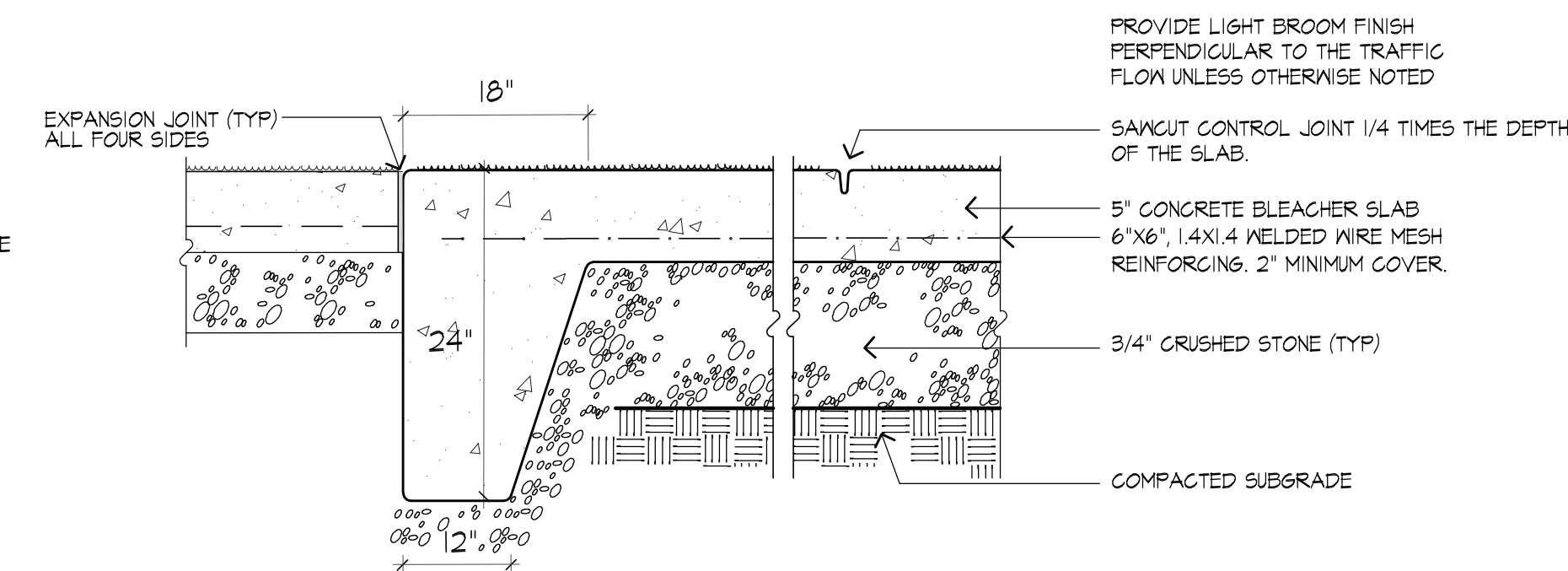
5 HANDICAPPED WHEELCHAIR LIFT

SCALE: NTS



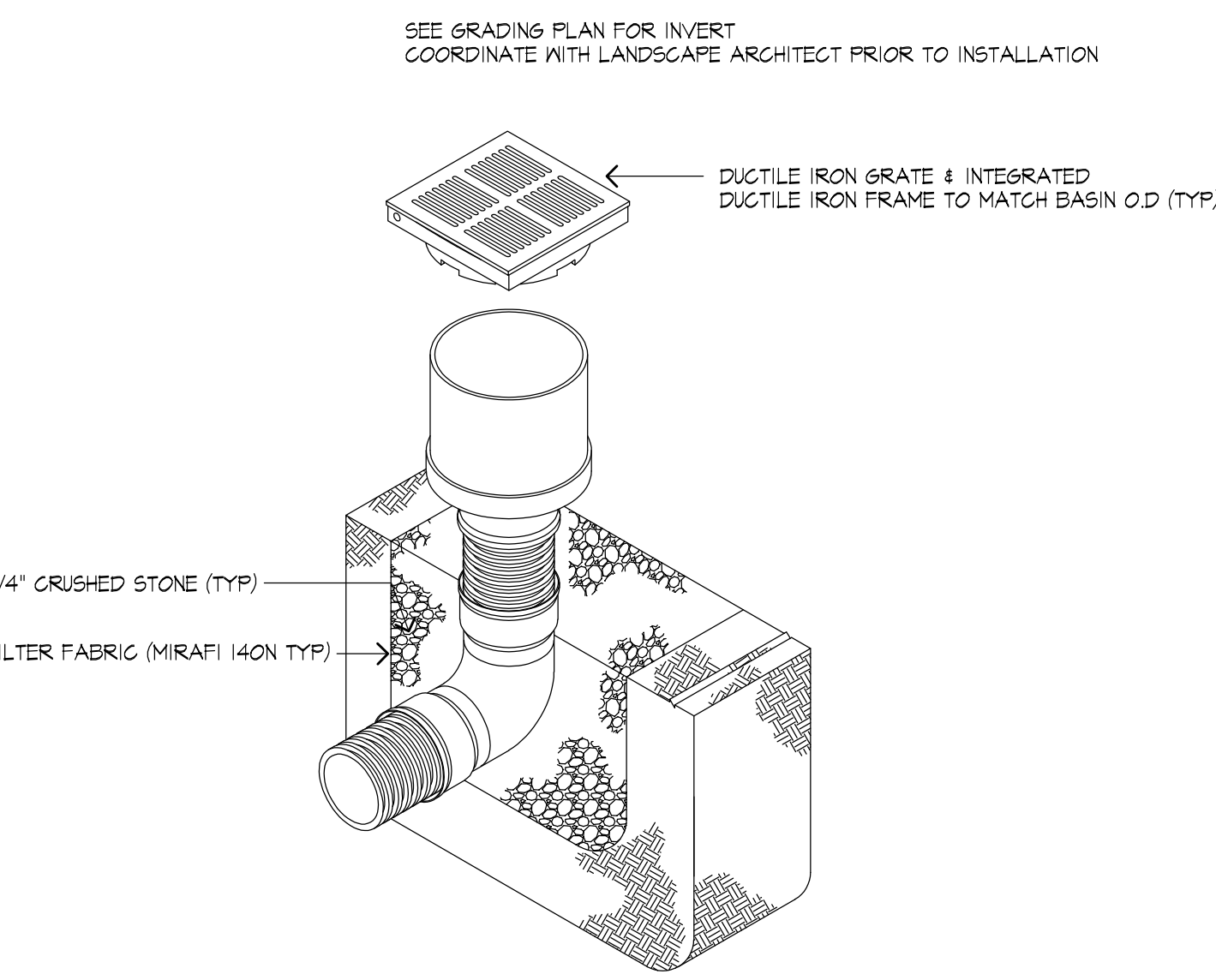
3 ELEVATOR/LIFT SLAB

SCALE: NTS



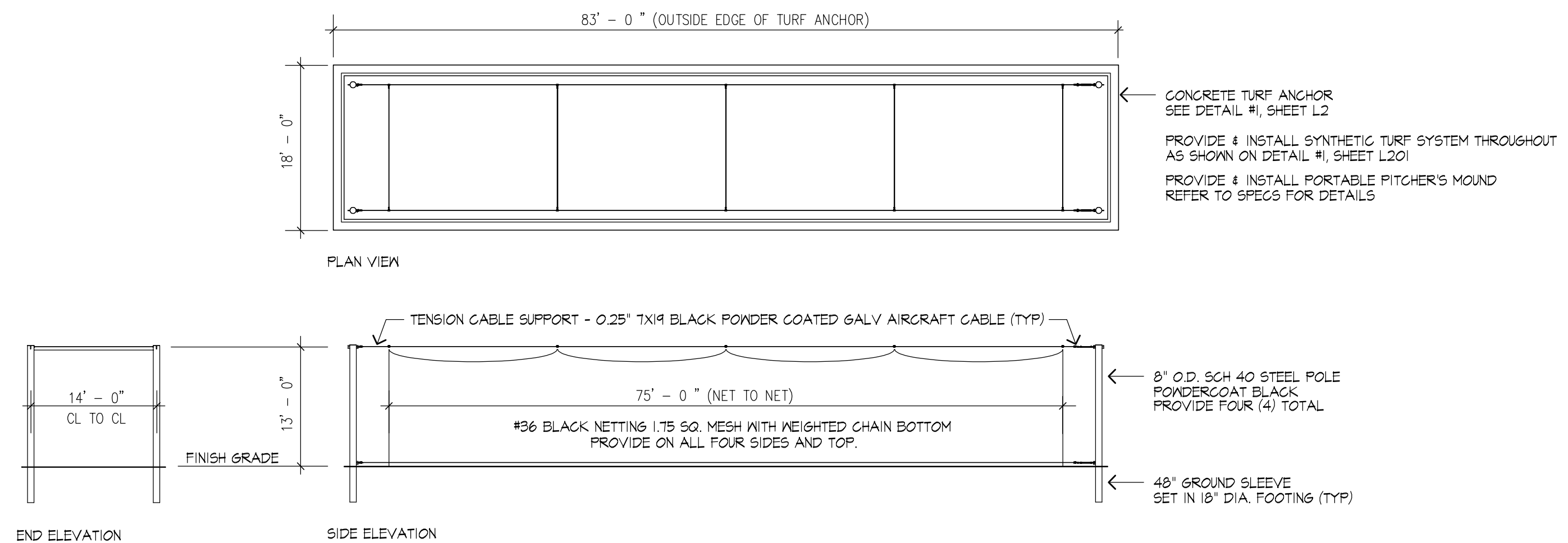
4 BLEACHER SLAB & PRESSBOX TURNDOWN

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.



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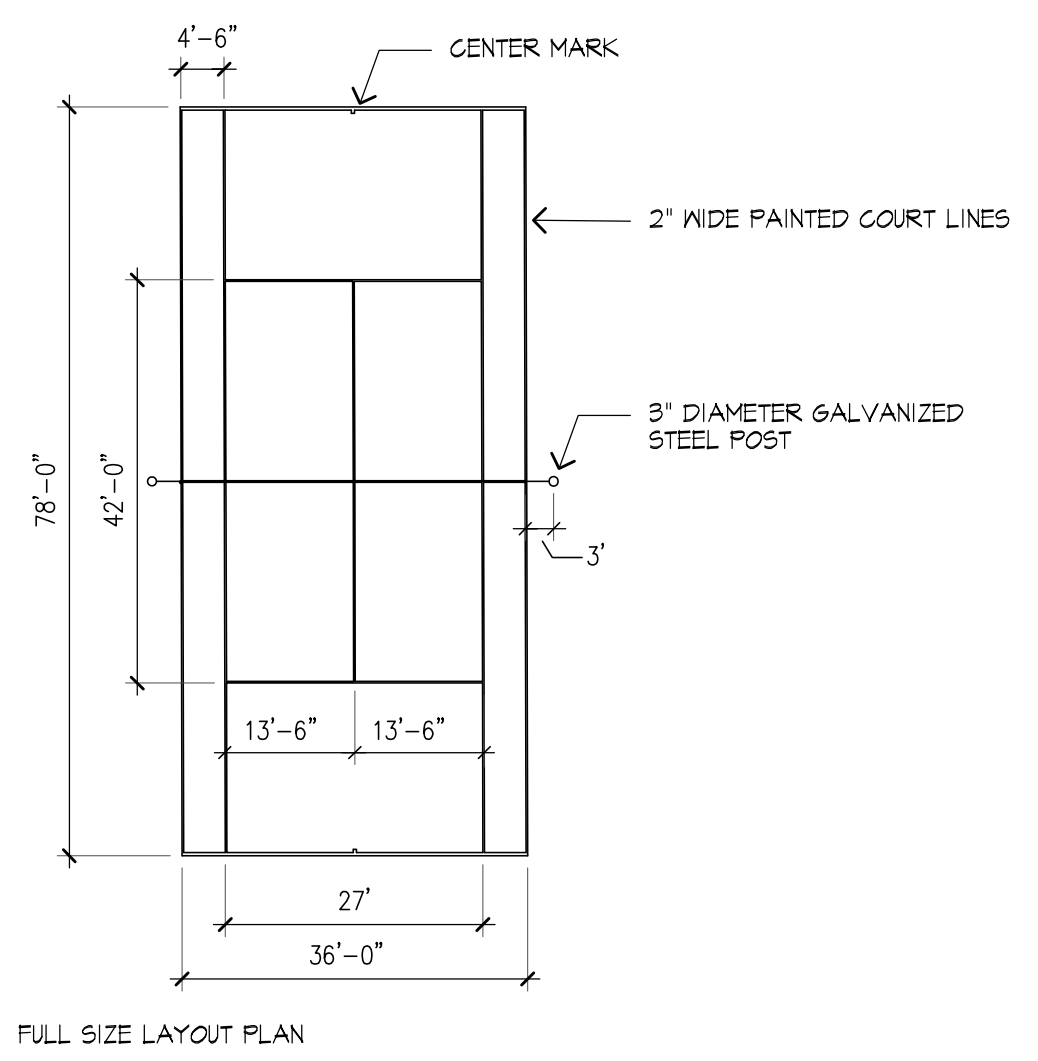


DATE:
02/26/2026

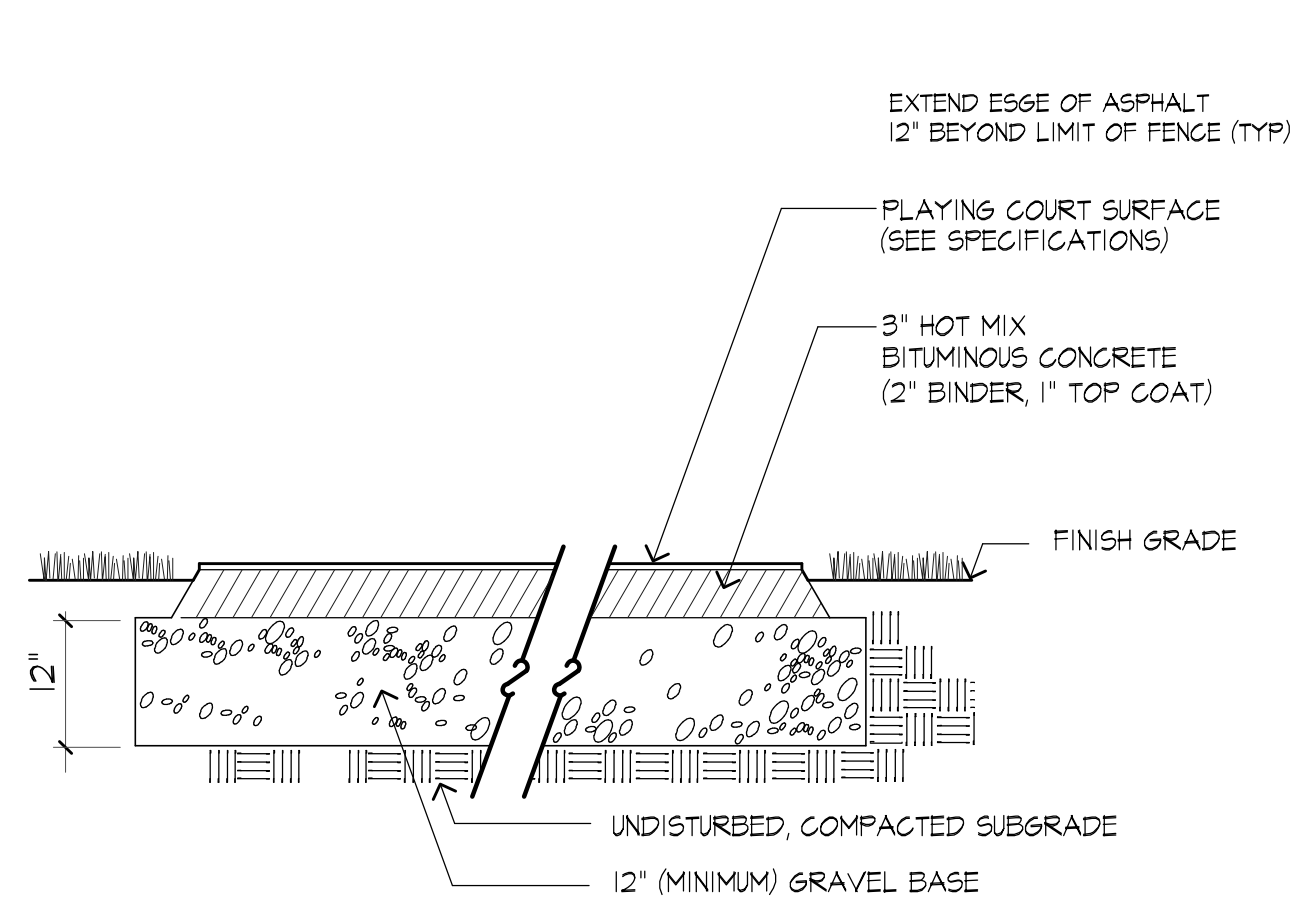
JA PROJECT NUMBER: 2518 SCALE: As noted

DRAWING TITLE:
TENNIS COURT DETAILS

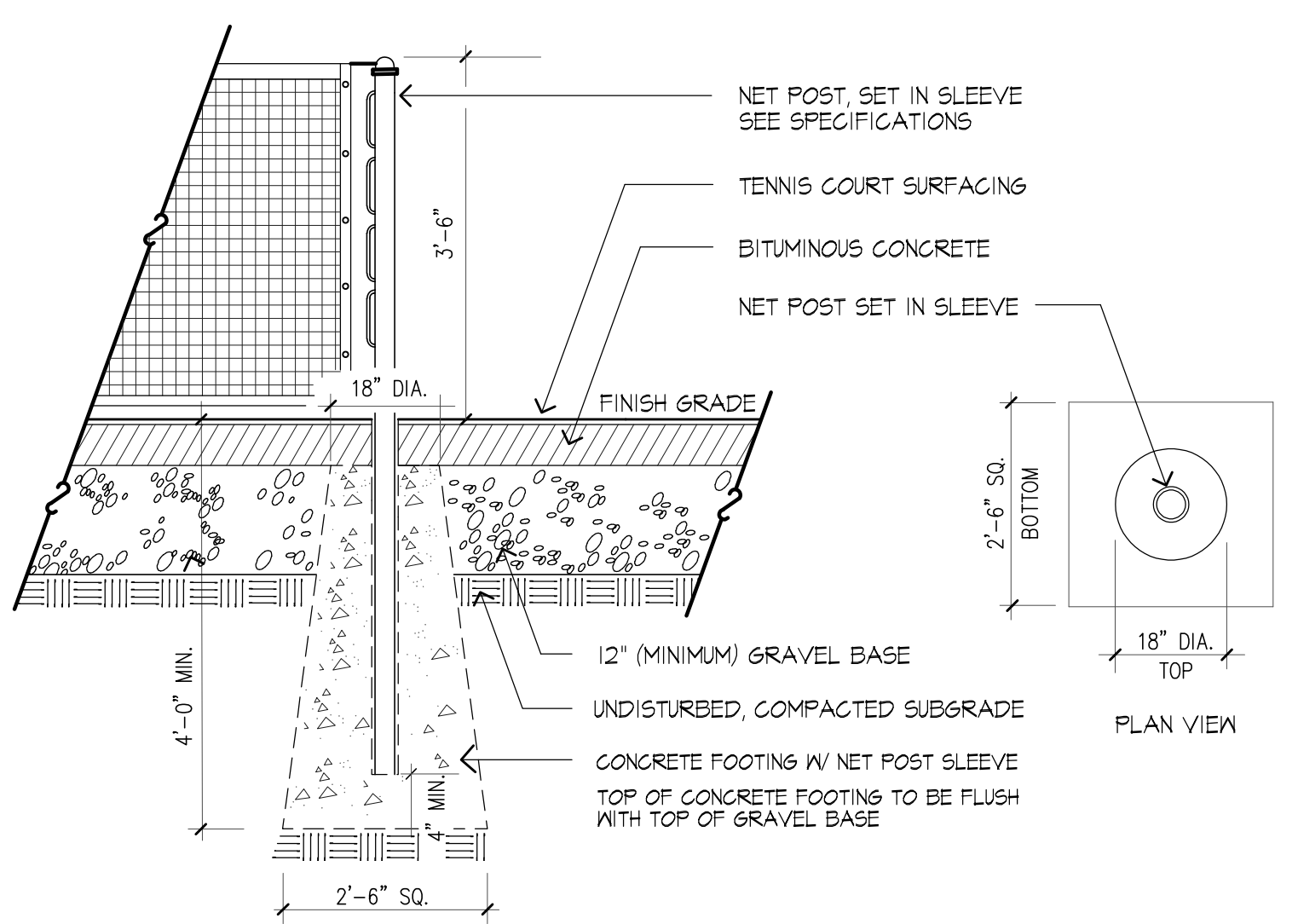
L206



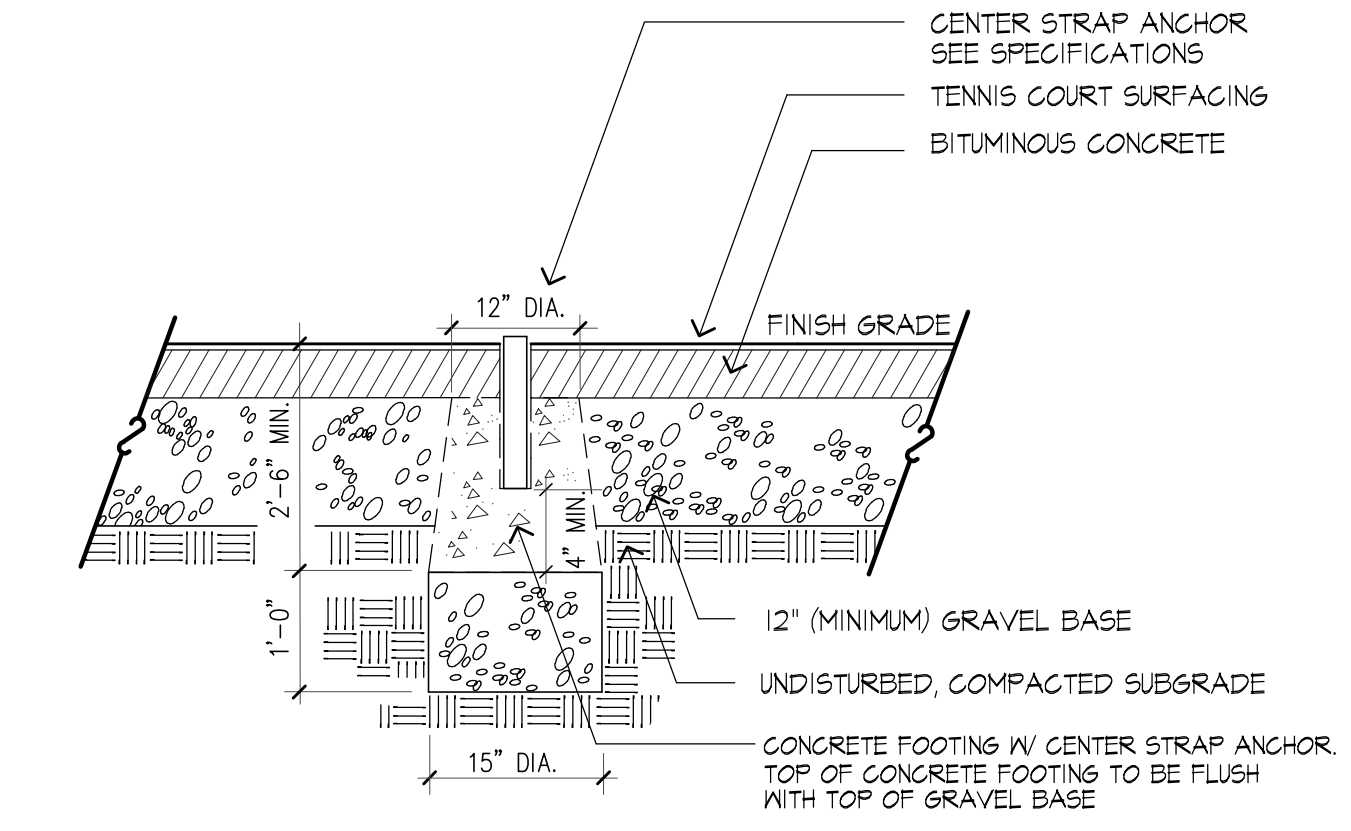
1 TENNIS COURT LAYOUT
SCALE: NTS



2 TENNIS COURT ASPHALT SECTION
SCALE: NTS

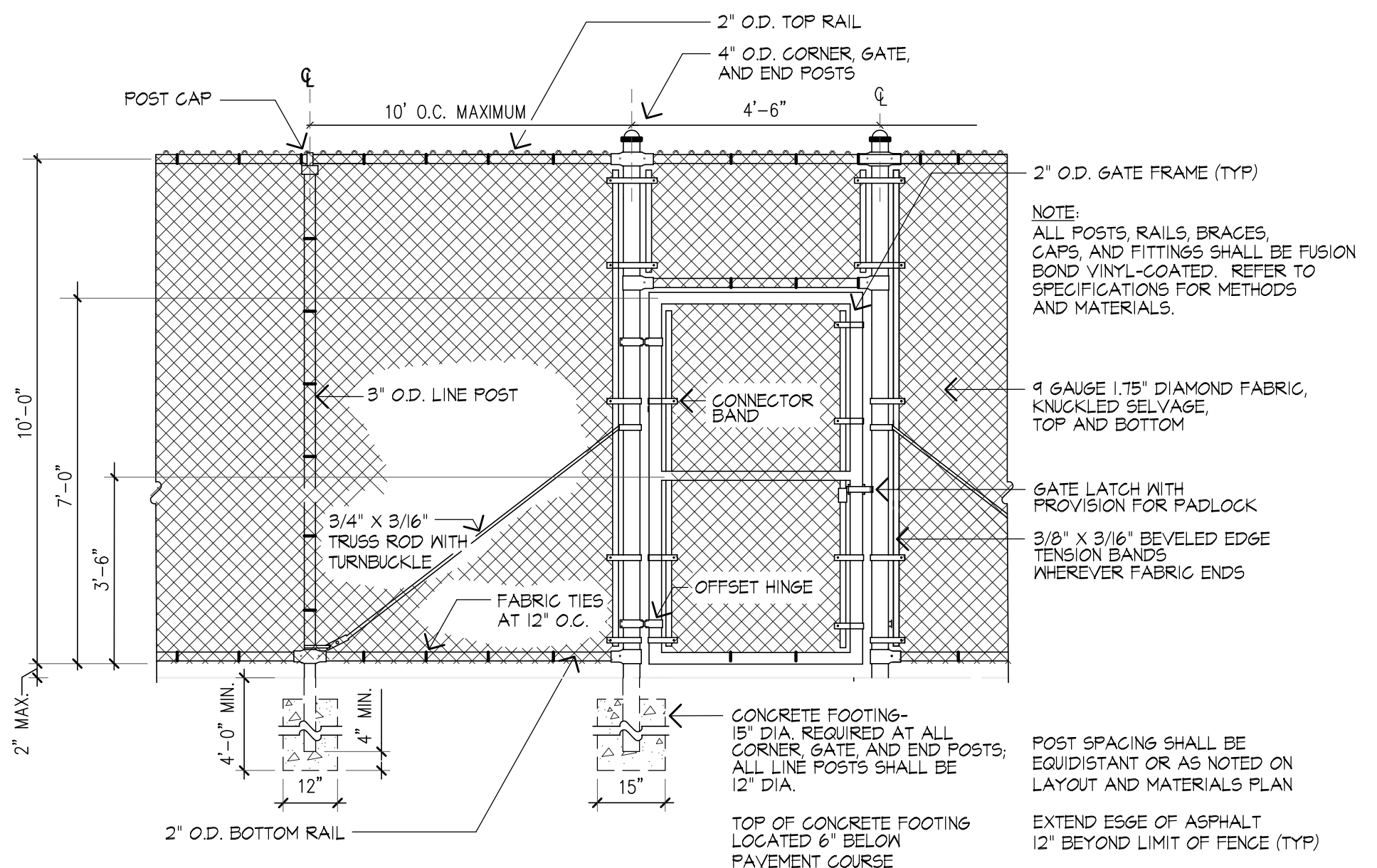


3 TENNIS NET POST FOOTING
SCALE: NTS

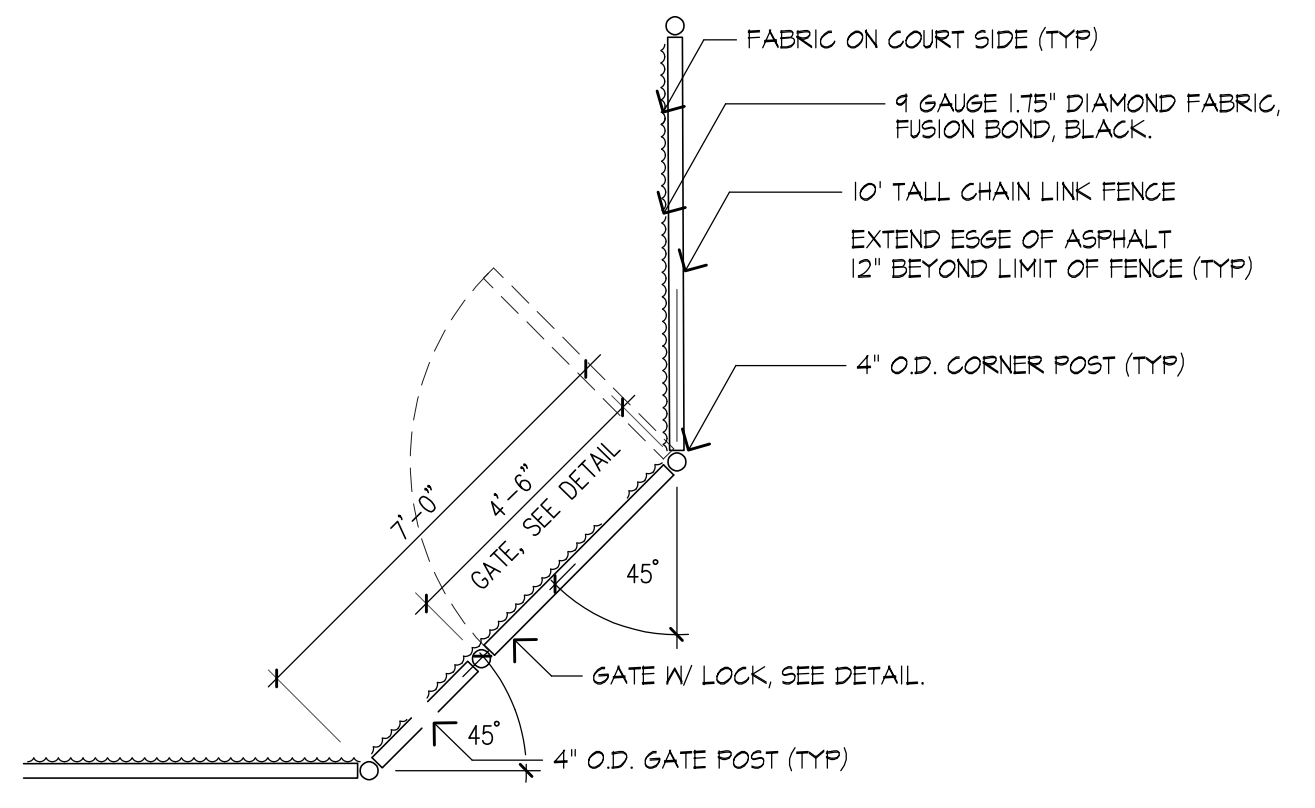


4 TENNIS NET CENTER STRAP ANCHOR
SCALE: NTS

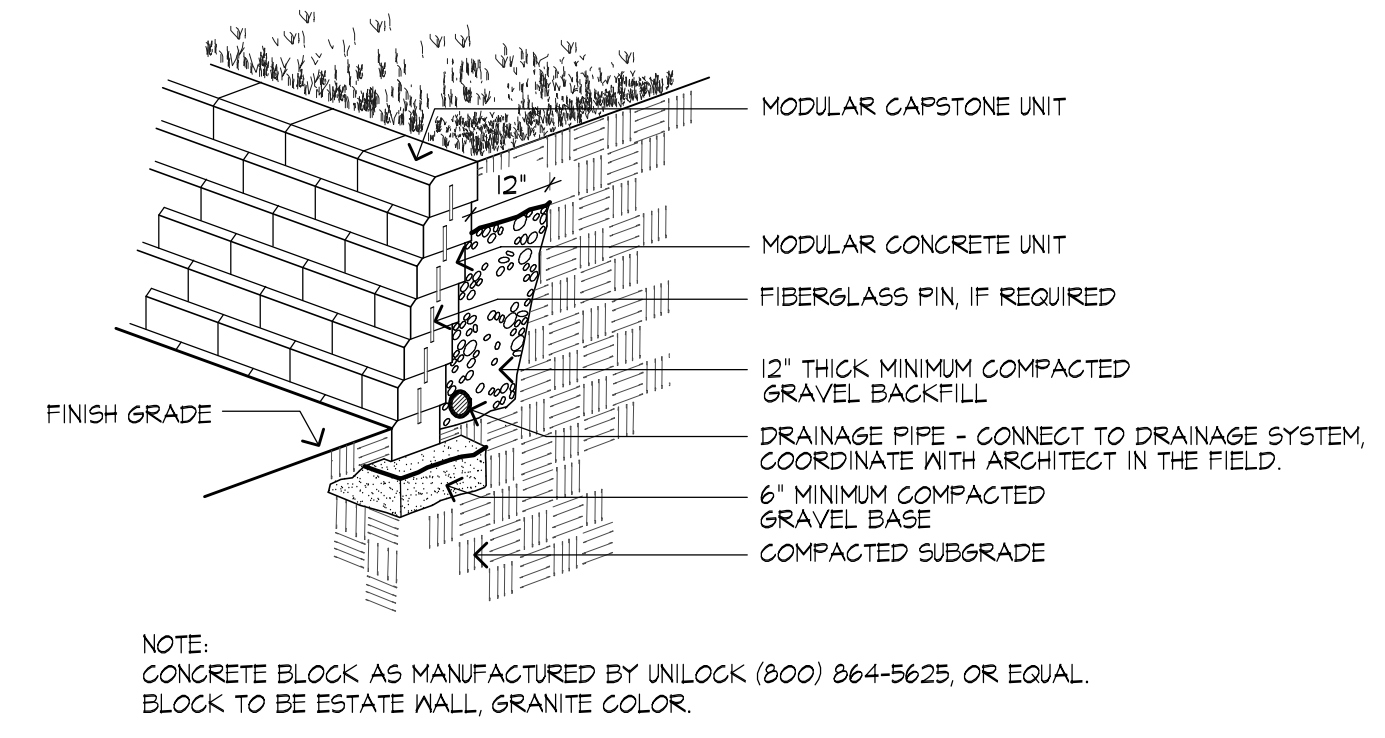
NOTES: 1. ALL GATES TO MAINTAIN 4' MIN. CLEAR WIDTH FOR ADA COMPLIANCE.
2. ALL 10' CLF AT THE TENNIS COURTS SHALL BE INSTALLED WITH WINDSCREEN, AS PER SPEC.



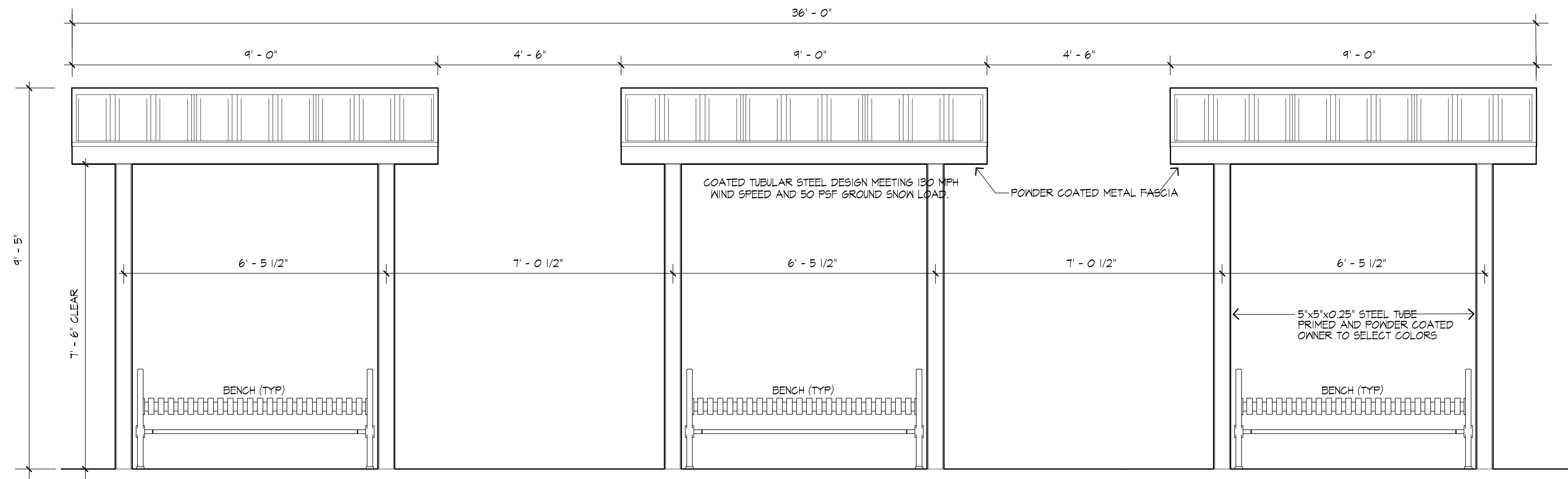
5 10'-0" TALL FUSION BOND CHAIN LINK FENCE AND GATE
SCALE: NTS



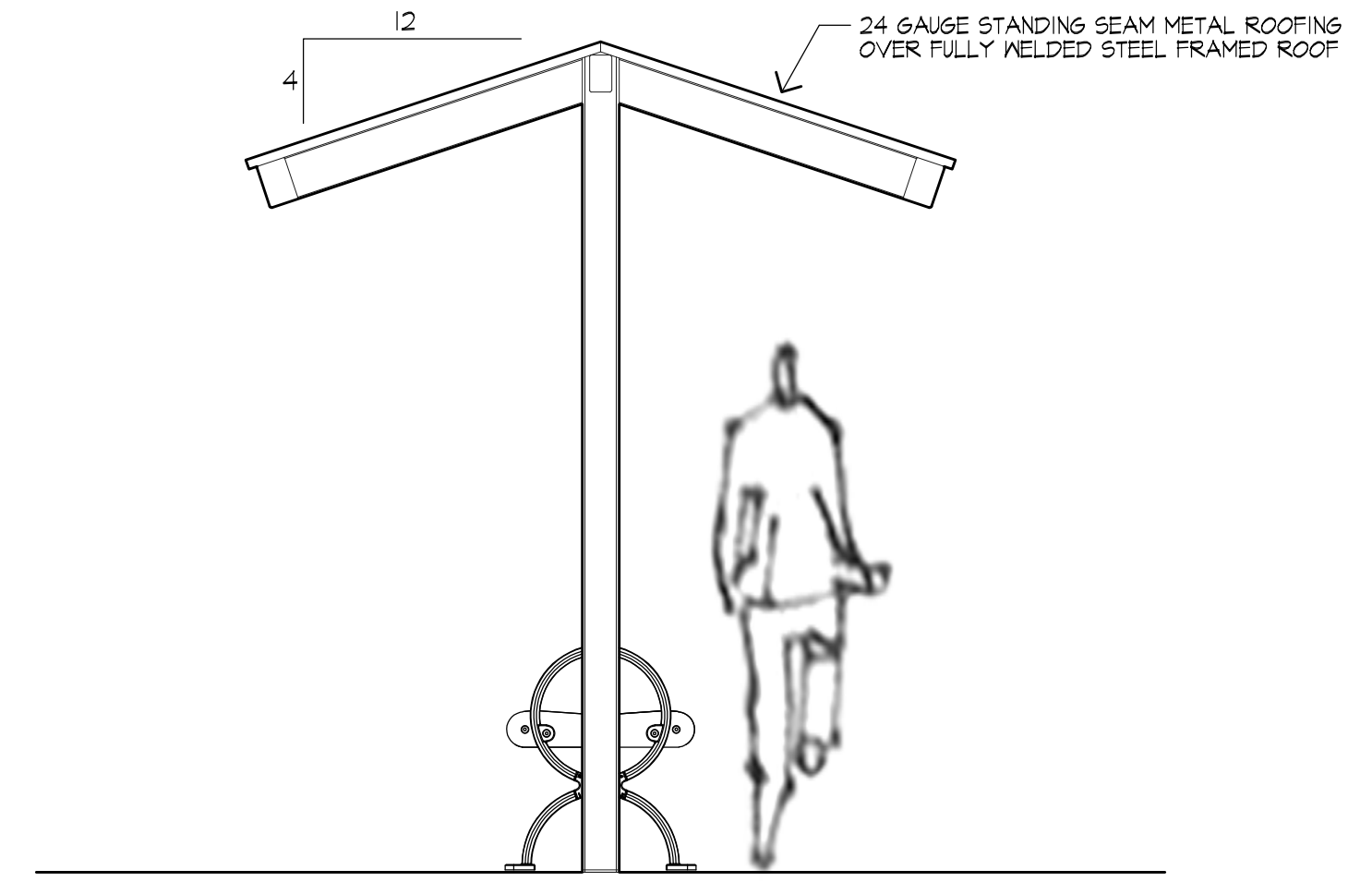
6 PLAN VIEW, CHAMFERED CORNER W/ SINGLE GATE
SCALE: NTS



7 "MODULAR BLOCK" RETAINING WALL
SCALE: NTS



8 TENNIS COURT SHADE STRUCTURES
SCALE: NTS





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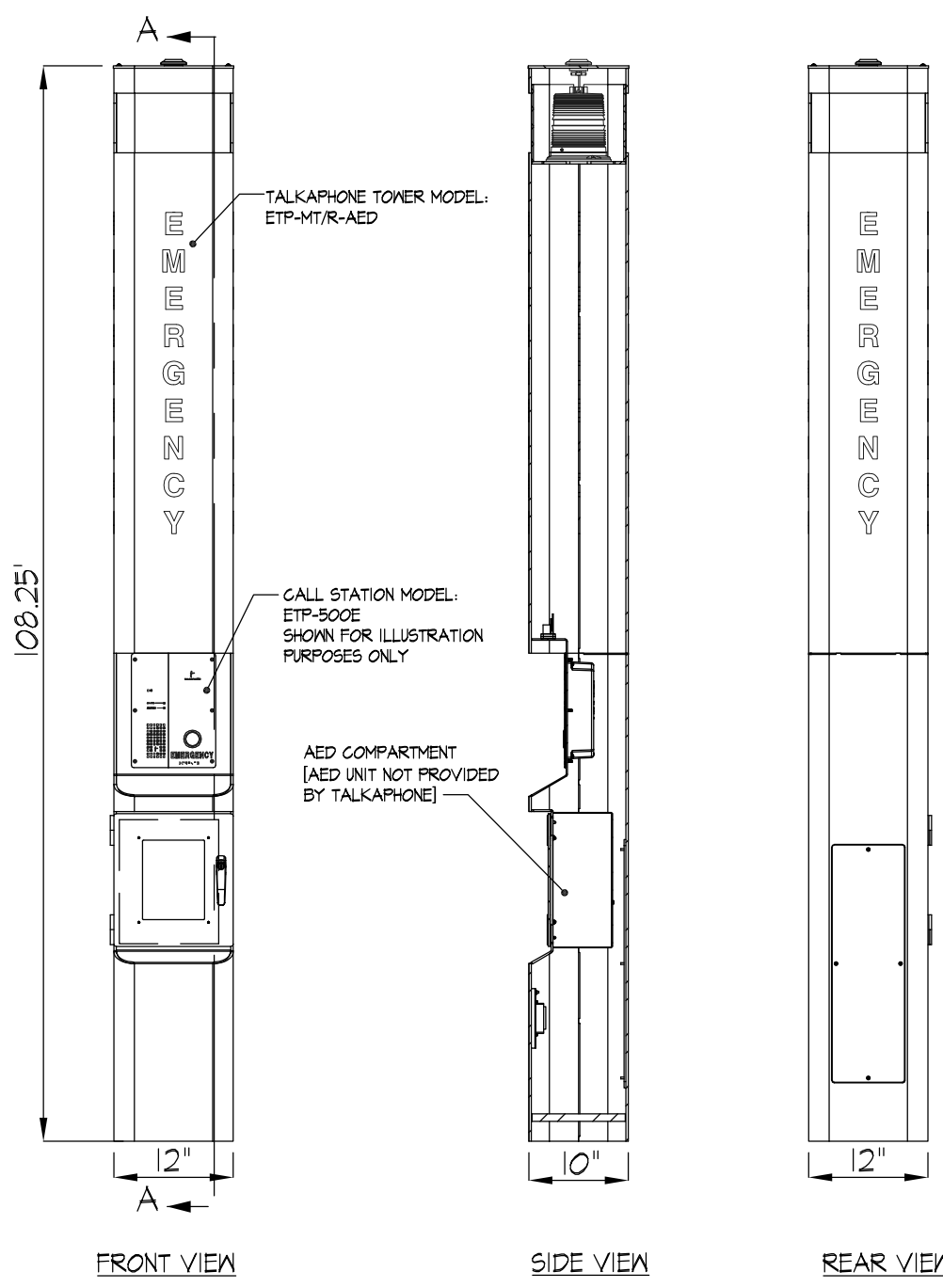
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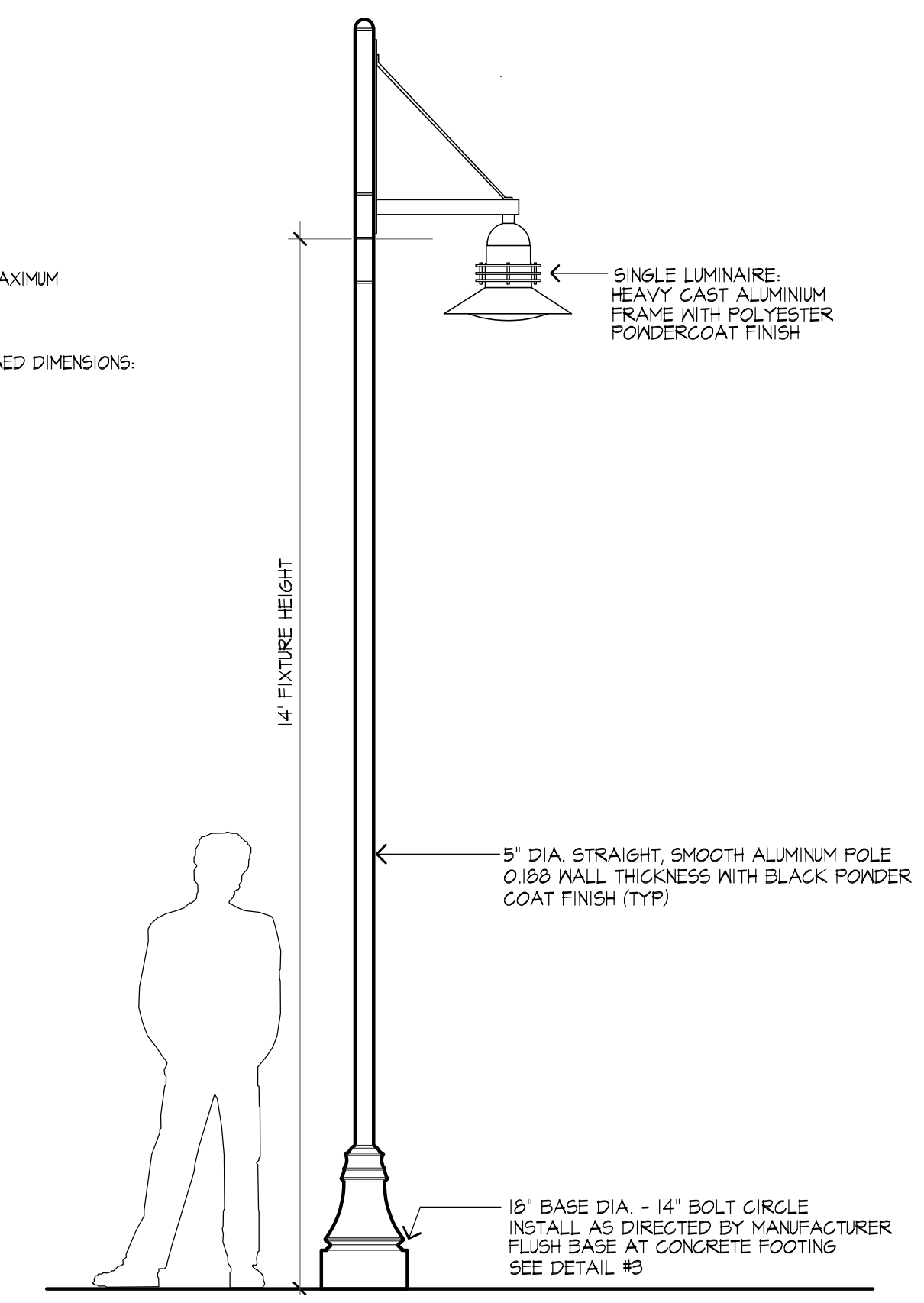
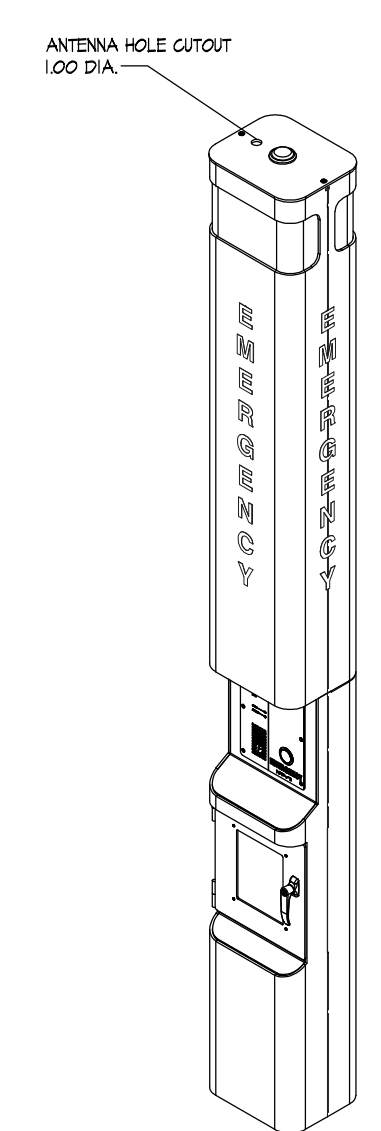
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DATE:
02/26/2026
JA PROJECT NUMBER:
2518
SCALE:
As noted

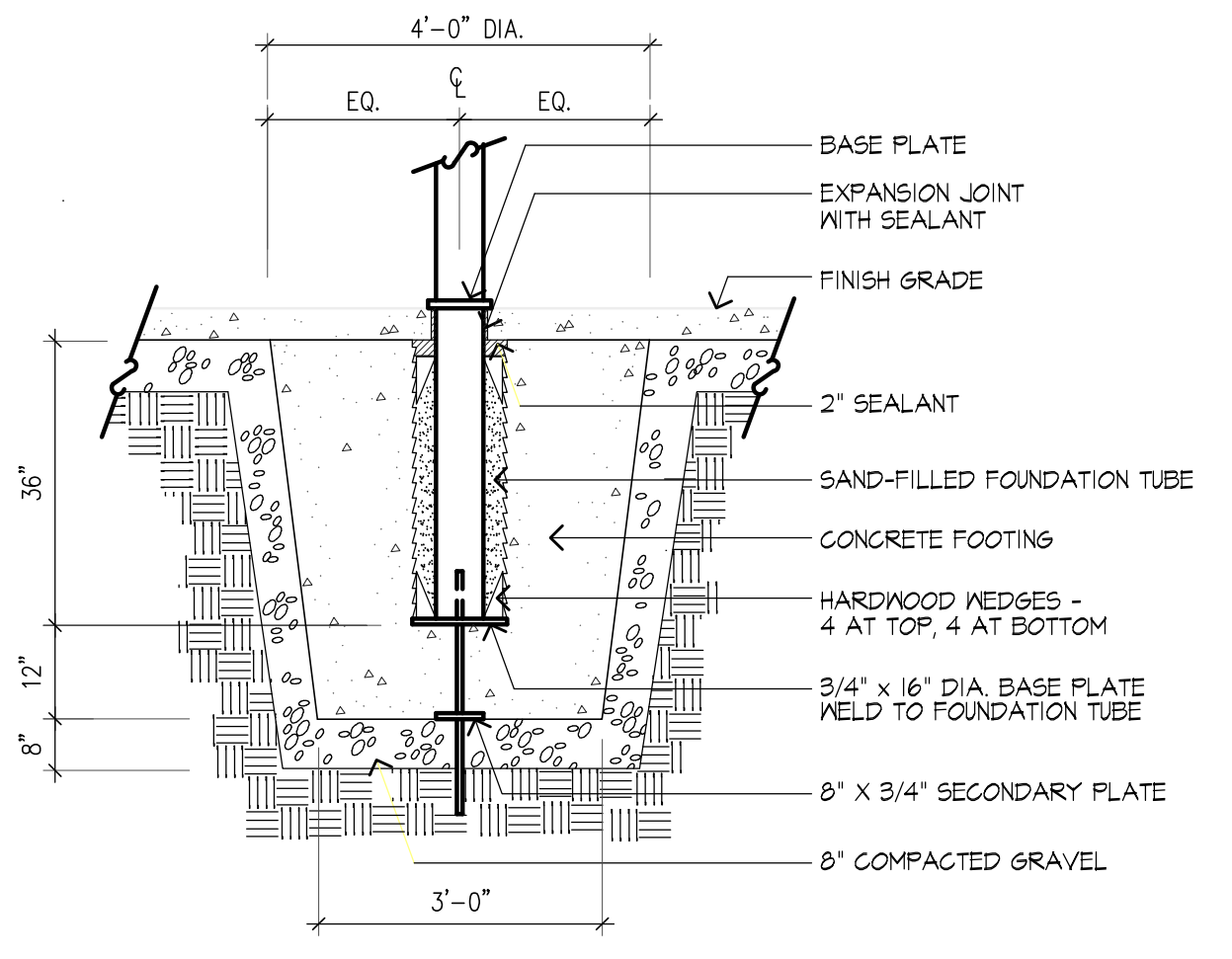
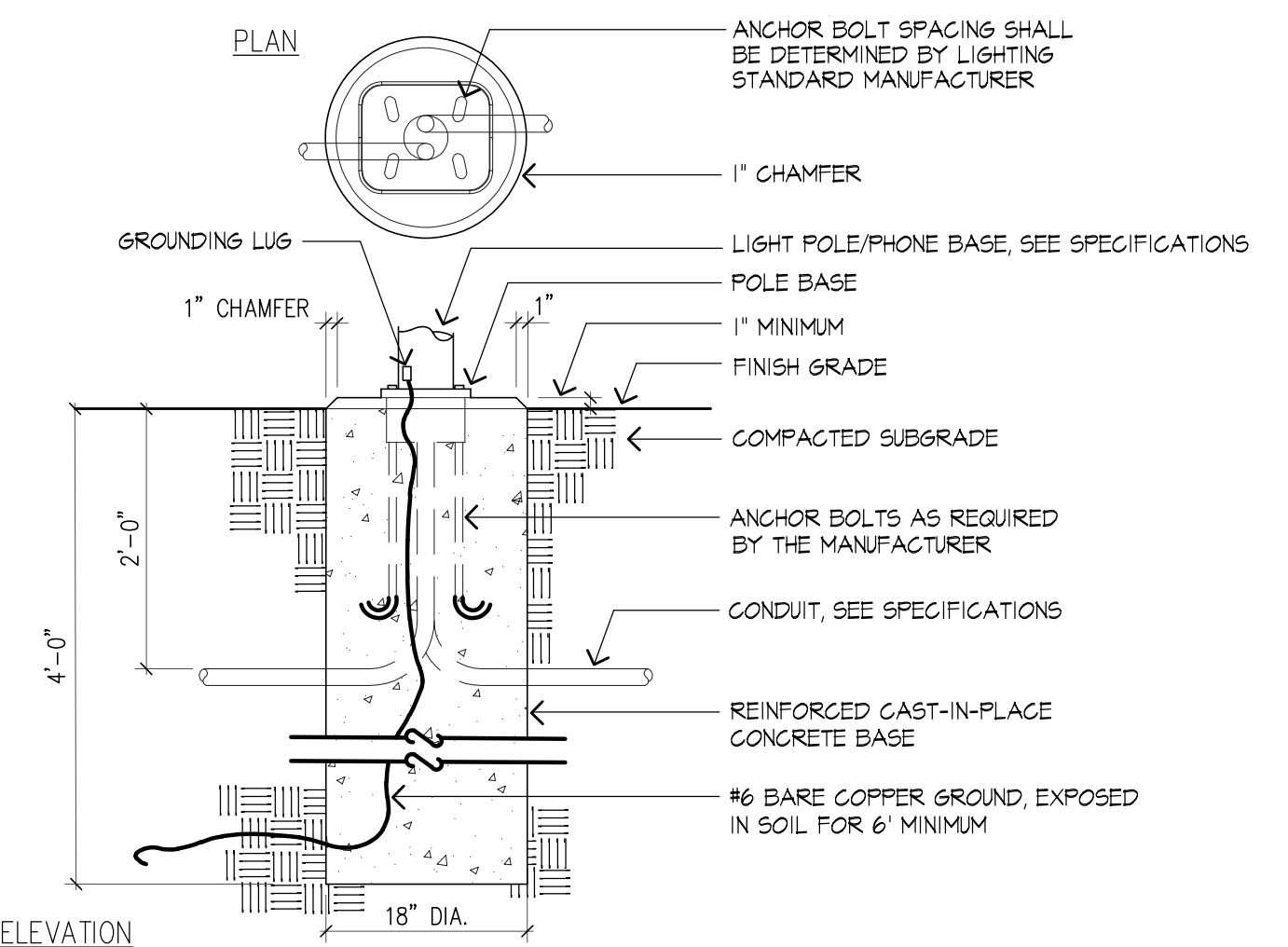
DRAWING TITLE:
SITE DETAILS



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



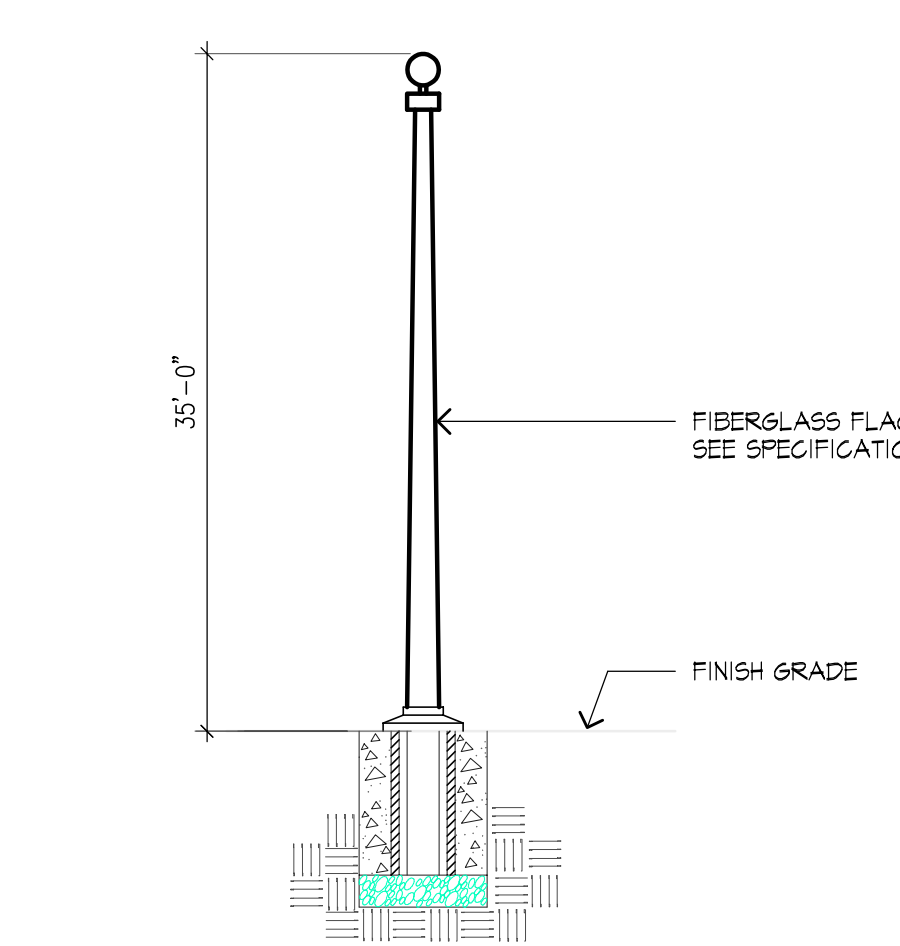
3 PRECAST LIGHT POLE & PHONE BASE
SCALE: 3/4" = 1'-0"



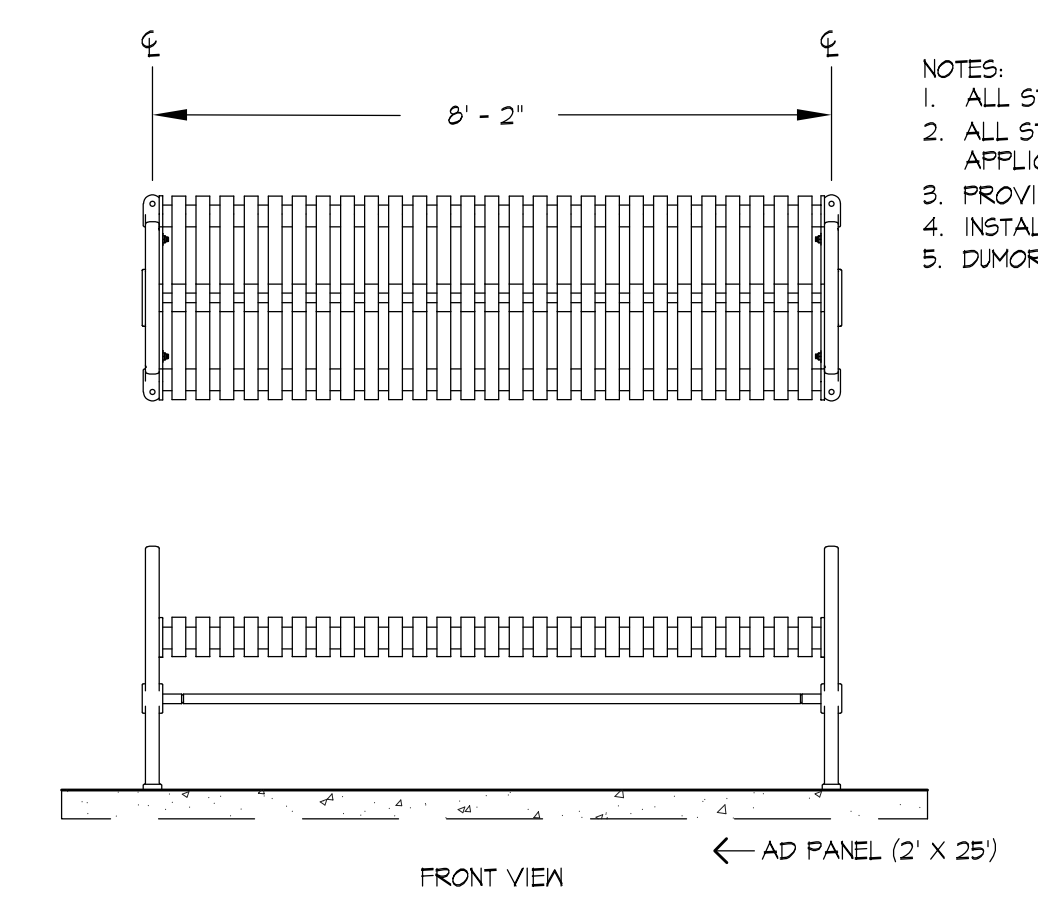
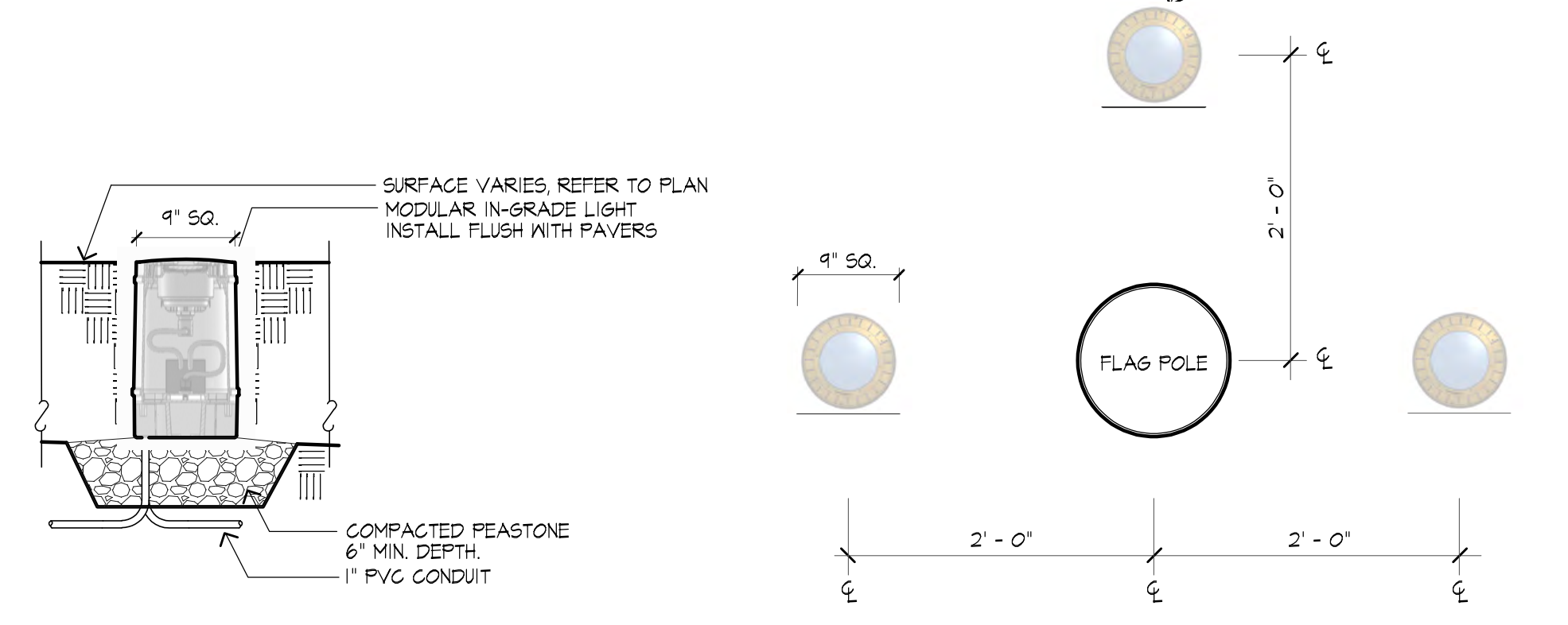
4 FLAGPOLE FOOTING
SCALE: 1/2" = 1'-0"

1 EMERGENCY PHONE WITH AED
SCALE: NTS

2 POST LIGHT FIXTURE
SCALE: NTS



GROUND MOUNTED UPLIGHTS:
HYDREL (HYDREL-MR20C-B-12LED-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.



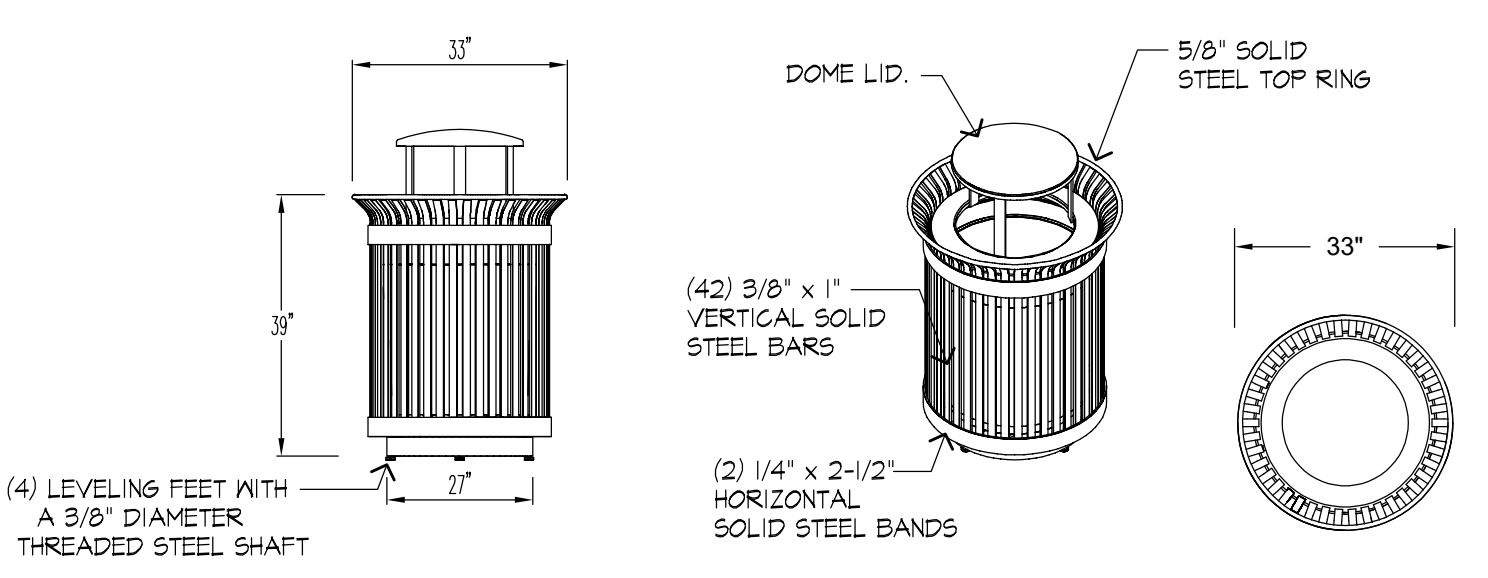
NOTES:
1. ALL STEEL TO BE POWDERCOAT FINISH, COLOR JUNIPER GREEN.
2. ALL STEEL TO BE HOT DIPPED GALVANIZED PRIOR TO APPLICATION OF POWDERCOAT FINISH.
3. PROVIDE AND INSTALL FOUR (4) BENCHES, AS SHOWN.
4. INSTALL ON PROPOSED CONCRETE PAVEMENTS (TYP)
5. DUMOR BENCH 120, OR APPROVED EQUAL.

7 8' ORNAMENTAL BENCH
SCALE: NTS

5 FLAGPOLE
SCALE: N.T.S.

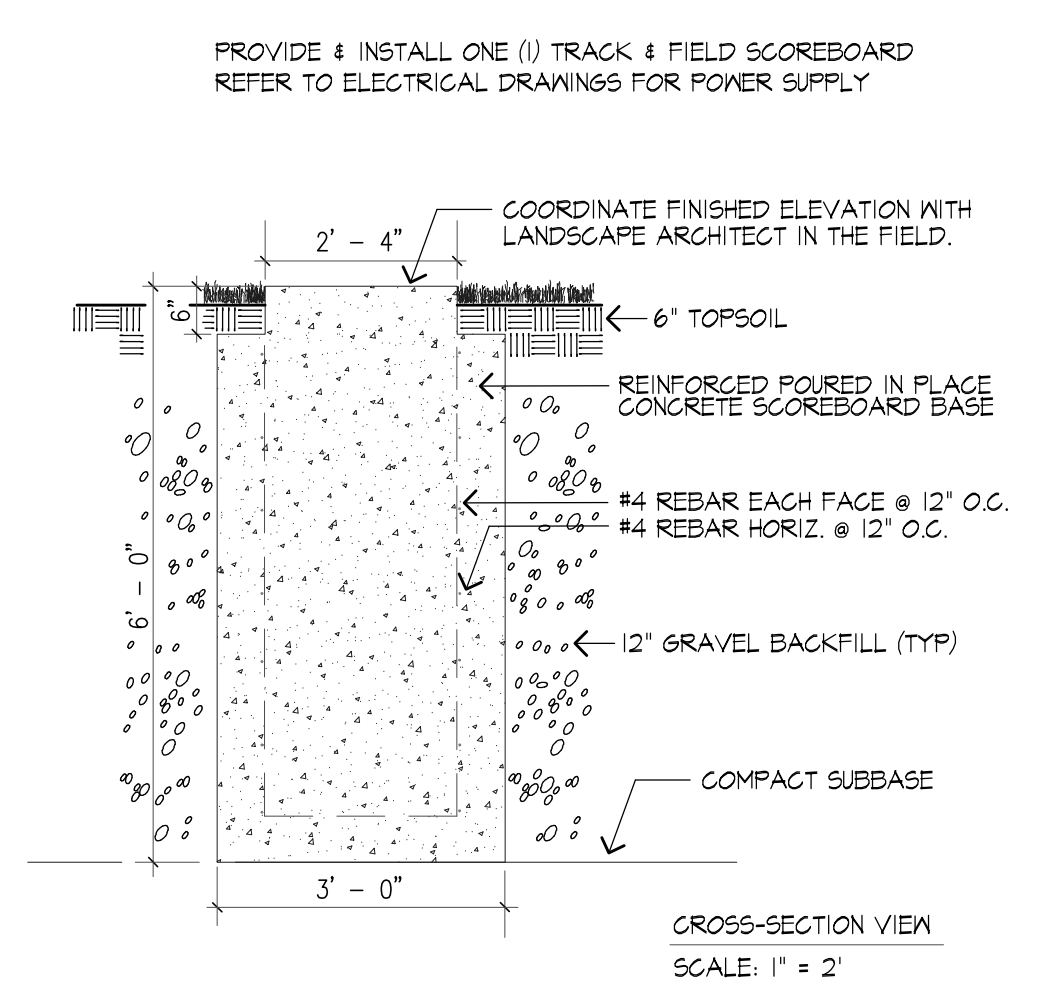
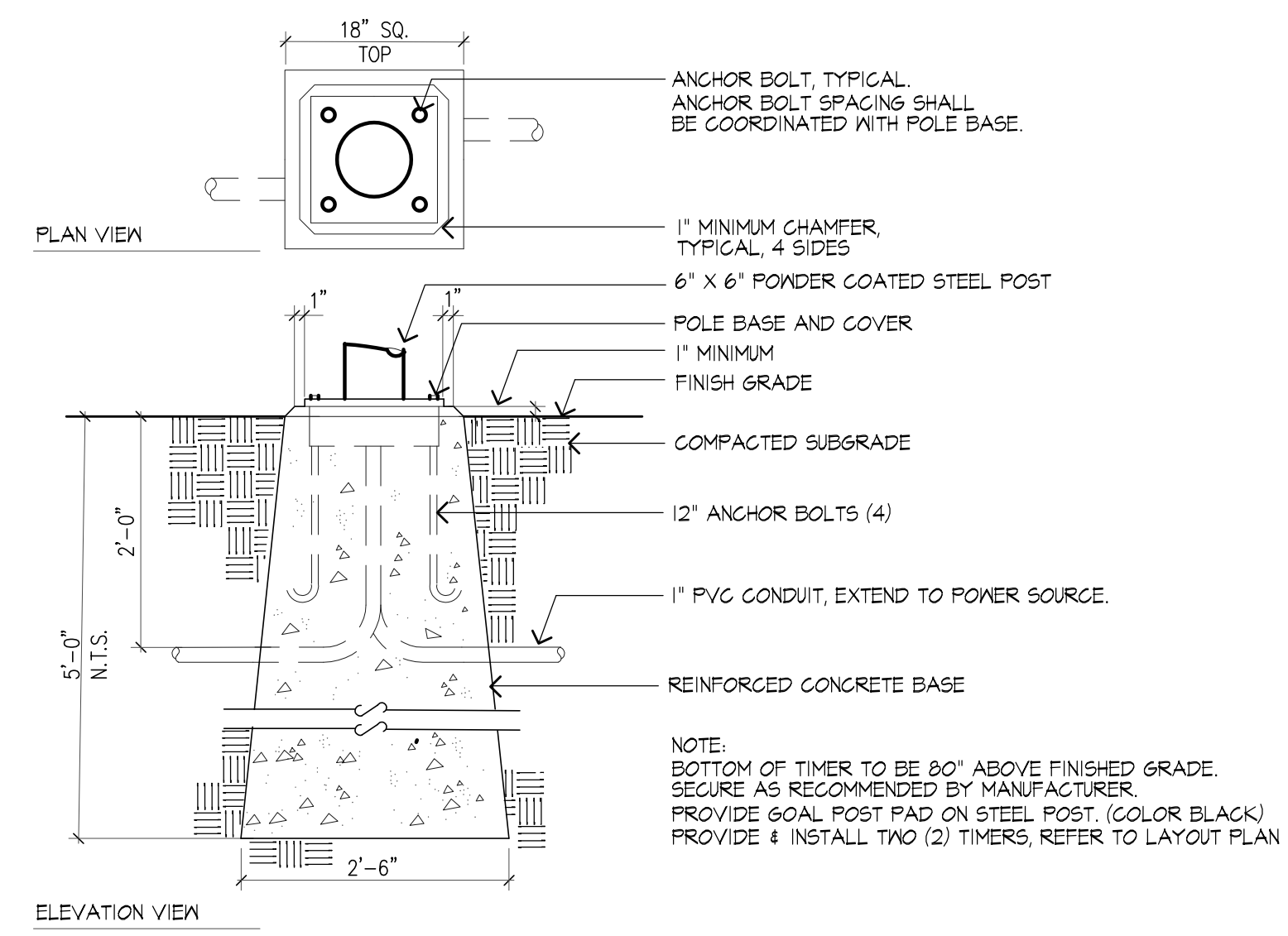
6 IN-GROUND FLAG POLE LIGHTS
SCALE: NTS

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.

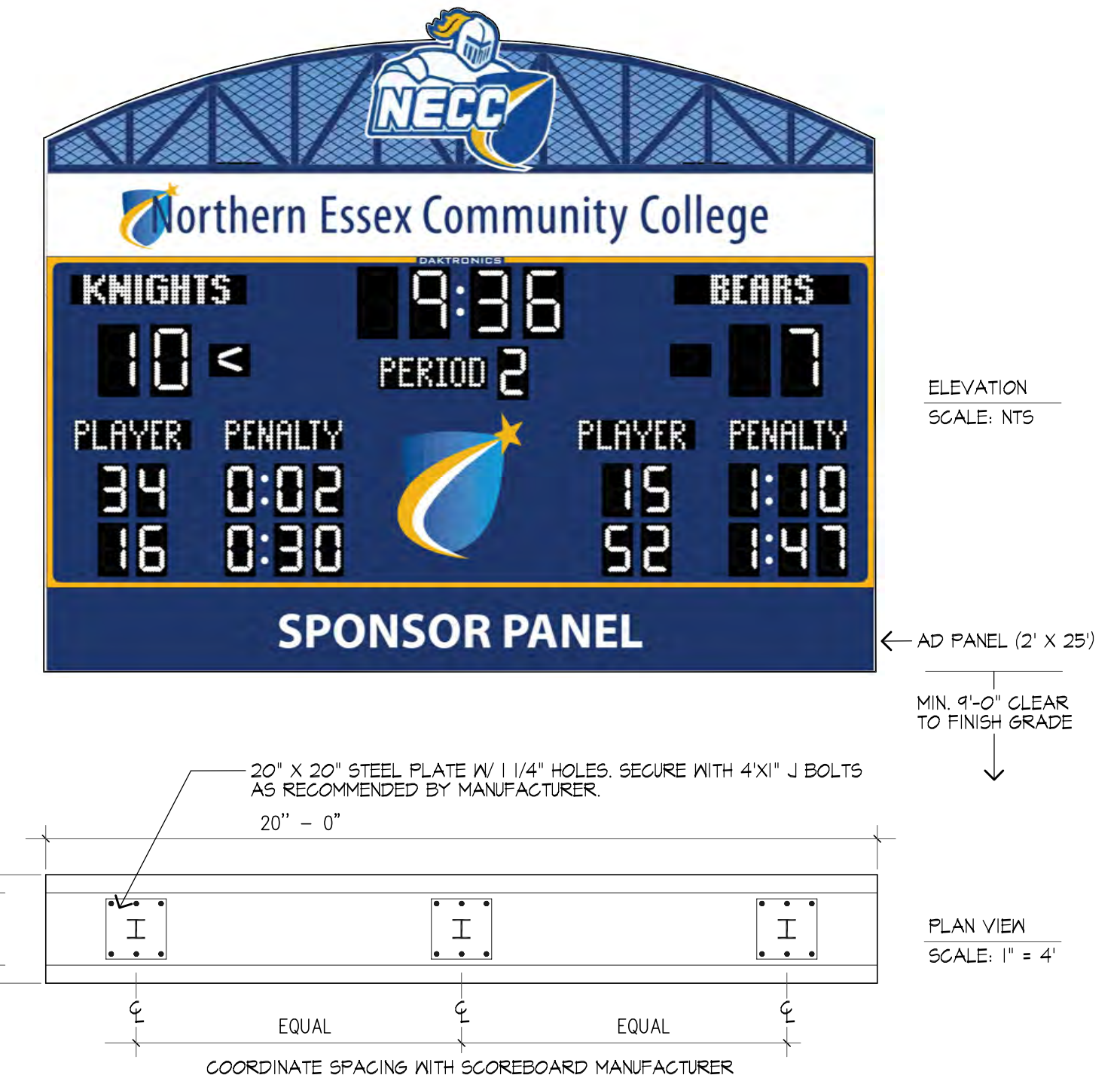


8 TRASH RECEPTACLE - 32 GAL. CAPACITY
SCALE: NTS

9 PRECAST POLE BASE - DELAY OF GAME TIMER
SCALE: NTS



10 TRACK & FIELD SCOREBOARD DETAILS
SCALE: AS NOTED





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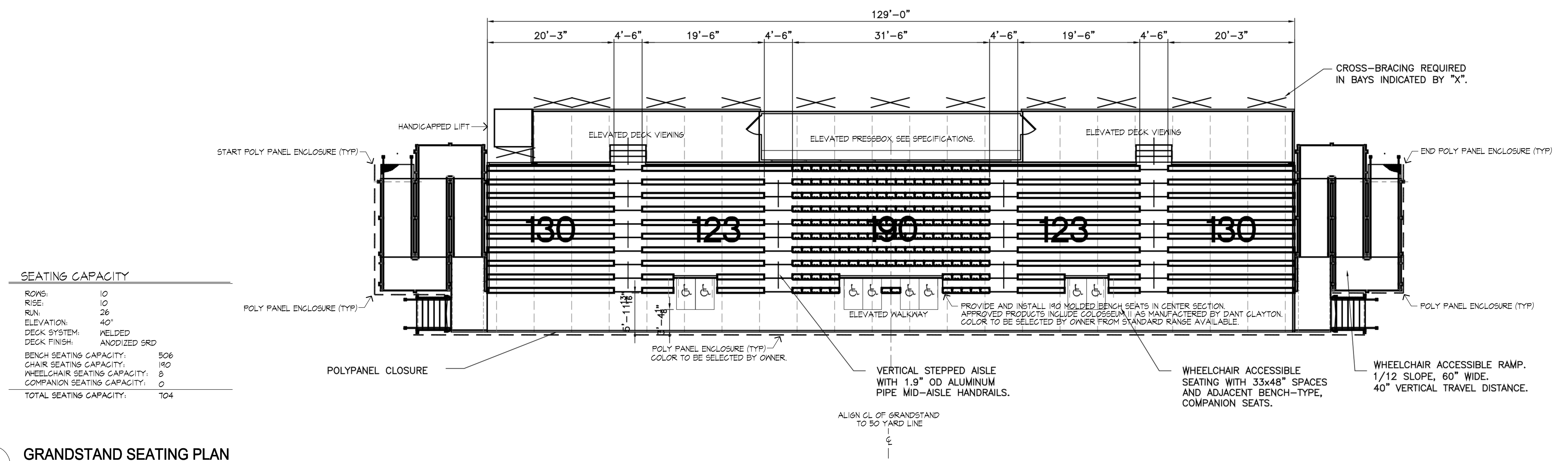


DATE:
02/26/2026

JA PROJECT NUMBER: 2518 SCALE: As noted

DRAWING TITLE:
TRACK & FIELD GRANDSTAND DETAILS

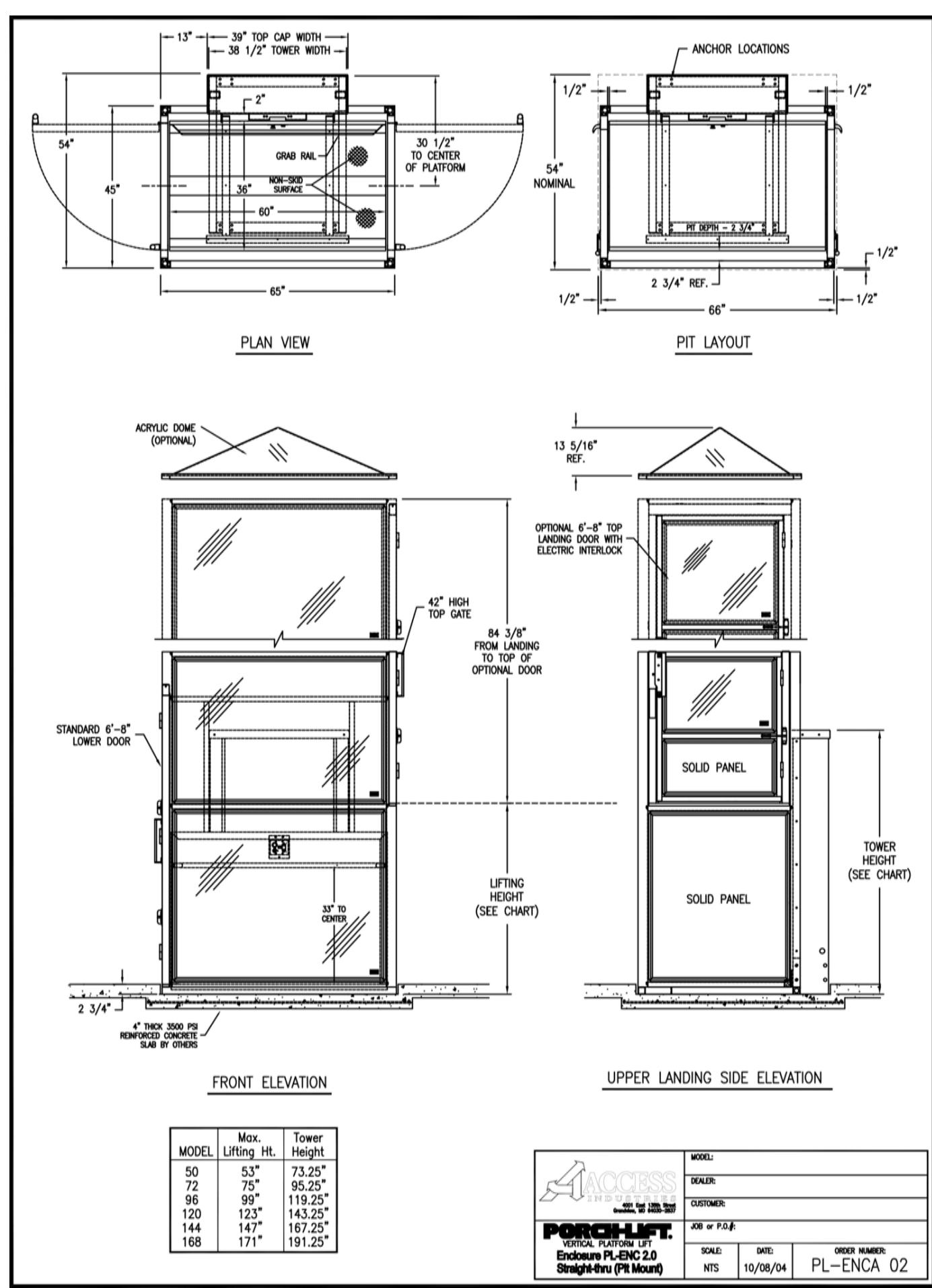
L208



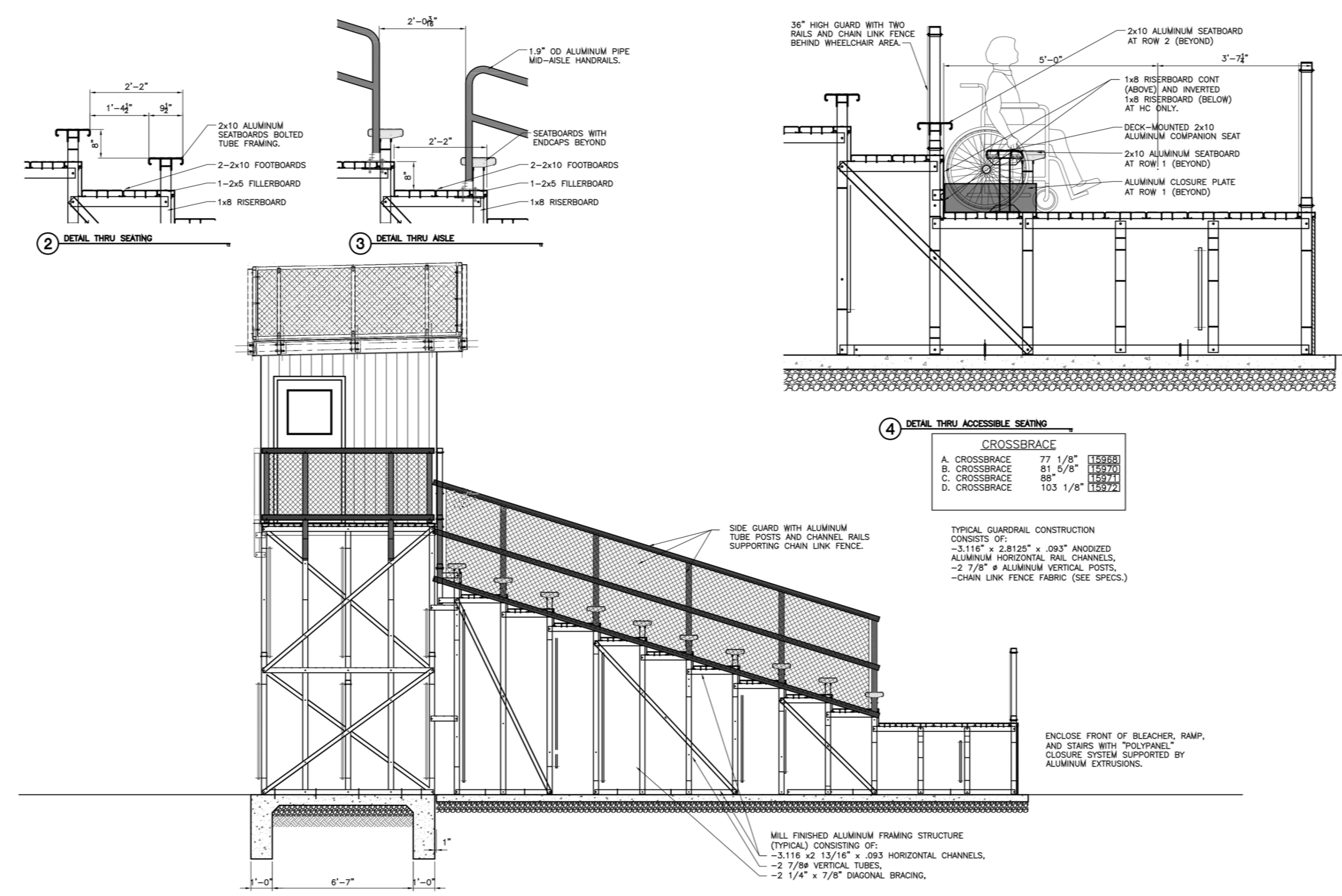
SEATING CAPACITY

ROWS:	10
RISE:	10
RUN:	26
ELEVATION:	40"
DECK SYSTEM:	WELDED
DECK FINISH:	ANODIZED SRD
BENCH SEATING CAPACITY:	506
CHAIR SEATING CAPACITY:	190
WHEELCHAIR SEATING CAPACITY:	8
COMPANION SEATING CAPACITY:	0
TOTAL SEATING CAPACITY:	704

1 GRANDSTAND SEATING PLAN
SCALE: NTS



2 HANDICAPPED WHEELCHAIR LIFT
SCALE: NTS



3 GRANDSTAND SEATING CROSS-SECTION & DETAILS
SCALE: NTS

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.