UNIVERSITY OF KENTUCKY
Purchasing Division

INVITATION FOR BIDS

CCK-2669-23
ADDENDUM# 1
11/23/2022

ATTENTION: This is not an order. Read all instructions, terms and conditions carefully.

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 12/08/2022 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

1. Please refer to and incorporate within the offer, the attached written questions and answers, and additional information from Congleton-Hacker and the Project Team.

2. If you have any questions, please contact Ken Scott at kenneth.scott@uky.edu or at the number listed below.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Ken Scott 11/23/2022

Ken Scott / (859) 257-9102

SIGNATURE

_____

_____
Typed or Printed Name

University of Kentucky
Purchasing Division
322 Peterson Service Building
Lexington, KY 40506-0005

UK Indoor Track Facility

TRADE SCOPE CLARIFICATIONS
Congleton – Hacker Company

Issued with Addendum #1
11/23/22

Clarifications for All Trade Packages

Attachment A – REVISED Site Logistics plan.

Below is a link to the following CAD files:

- **Grading Plan**
- **Layout Plan**
- **Post Demolition Survey of Existing Site**

UK Track - CAD Grading Plan.zip
https://congletonhacker.egnyte.com/dl/Y6lQ70ujqI

UK Track - CAD Layout Plan.zip
https://congletonhacker.egnyte.com/dl/sdKR30b4MZ

UK CLIFF HAGAN POST DEMO_11-17-2022.DWG
https://congletonhacker.egnyte.com/dl/j55GP1UWFQ

Clarifications for Individual Trade Packages

TC – A – Earthwork

A-1) Remove Item #19 from the site work scope – This item refers to sewer tap fees – the sewer tap fee will be provided by TC-M Plumbing.

TC – B – Concrete Foundations

B-1) Attached to this addendum is the REVISED Site Logistics plan. Much of the site perimeter has existing fencing that will remain. The requirement for temporary fencing shall be reduced to only the area defined by the dashed line on the site logistics plan.

B-2) Remove Item #31 from TC-B scope for dumpster pulls. This is a duplicate item and is not needed. Item #4 is still required.

B-3) The concrete mix design for the slab on grade will require a Barrier #1 admixture. TC-B will be required to furnish and install this admixture as part of the slab mix design. This will be required to allow the slab to achieve the proper moisture content so the tack surface can adhere to the slab.

B-4) The building foundations are scheduled to be installed during the wet season. TC-B shall be required to furnish and install a 2" concrete mud sill at all footings and foundation excavations – this will allow reinforcing to be installed during wet weather.

B-5) TC-B is required to re-install pavers. There is approximately 50% of the needed pavers on site. Include in your bid the cost to provide and install the remaining 50% of pavers.

TC – C - Masonry

C-1) – TC-C shall be required to utilize water when cutting any masonry product.

TC – G – Doors/ Hardware/ Specialties and Security

G-1) – TC-G shall be required to provide a Best keyway for all hardware.

TC – L – Paint and Wallcovering

L-1) – TC-L shall be required to Dryfall the interior surfaces of the main track building. Include Dryfall above the liner panel and over the exposed vinyl insulation at the roof and walls above 14ft. The Dryfall must be completed in 7 days from start to finish. Include all necessary manpower, equipment rent and premium time to complete the Dryfall paint within 7 calendar days (includes weekends).

L-2) – Include the removal of any tape, foil or snap covers at all fire alarm devices and sprinkler heads.

TC – M – Plumbing & Mechanical

M-1) TC-M shall include the cost to hook up the domestic water and existing sewer to the CM trailer (location defined by revised site logistics plan.)

UK Indoor Track
Site Logistics Plan

Construction Gates

Material Lay Down Area

CM Office / Meeting Room

Dumpster

Subcontractor Trailers

Subcontractor Parking

BID ALTERNATE - PROMENADE

LIMITS OF DISTURBANCE

INDOOR TRACK FACILITY
FFE: 1006.1

BID ALTERNATE - BAND STORAGE

PROTECT TREES

PROTECT TREES

PROTECT TREES

LIMITS OF DISTURBANCE

LIMITS OF DISTURBANCE

6' PLASTIC MESH PRESSURE LEASEMENT OF UNDEVELOPED WIDTH)

APPROX. PROPERTY LINE

LAYOUT PLAN

SCALE: 1" = 30'

0 15 30 60

FOR THE PROJECT TITLED:

CCK-2669-23 Indoor Track
JRA Project No. 202258
UK Project 2584.0
University of Kentucky
Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects
3225 Summit Square Place, Suite 200
Lexington, KY 40509

Project Contact: D. Robert Deal, AIA, LEED AP

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated October 2022.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

CIVIL ITEMS:

Item No. 1.01
Refer to attached post demolition topographic survey. This survey is available upon request in the form of an AutoCAD file.

Item No. 1.02
Refer to drawing sheet C-101. Replace this sheet in its entirety with attached revised sheet C-101. Specific revisions include the area of the northern stairs adjacent to the outdoor track facility.

Item No. 1.03
Refer to drawing sheet C-201. Replace this sheet in its entirety with attached revised sheet C-201. The original contours for existing grades have been replaced with post demolition survey contours. The proposed contours have been revised to react to the post demolition topo survey. Specific revisions include revised storm piping and structures throughout the site, revised coded notes #6 & #7.

Item No. 1.04
Refer to drawing sheet C-202. Replace this sheet in its entirety with attached revised sheet C-202. The detail F: Water Quality Unit has been revised.

Item No. 1.05
Refer to drawing sheet C-302. Replace this sheet in its entirety with attached revised sheet C-302. Details D & E have been added to this sheet.

Item No. 1.06
Refer to attached drawing sheet C-303: Erosion Control Plan. This is a new sheet added to the bid documents.

Item No. 1.07
Refer to drawing sheet C-401. Replace this sheet in its entirety with attached revised sheet C-401. Specific revisions include additional shrubs at northern stair to outdoor track, removal of existing trees/shrubs in landscape bed adjacent to the outdoor track and finish grading/seeding of the entire hillside along the southern boundary of the site.

Item No. 1.08
Refer to specification section 334100 Storm Utility Drainage Piping, item 2.3. In addition to the SDR35 PVC storm piping identified in the specification, bidders shall have the option to use HDPE N-12, double-walled pipe, specified as follows:

2.3 HDPE PIPE AND FITTINGS
A. Corrugated PE Drainage Pipe and Fittings: AASHTO M 252M, Type S, with smooth waterway for coupling joints.
1. Silttight Couplings: PE sleeve with ASTM D 1056, Type 2, Class A, Grade 2 gasket material that mates with tube and fittings.
2. Corrugated PE Pipe and Fittings NPS 4 to NPS 48: AASHTO M 294M, Type S, with smooth waterway for coupling joints.

Item No. 1.09
Question:
Sheet C-101, Note 10 – pair of 12’ gates (8’ HT) – ornamental steel to match fence. Is this in our package? If so, can we get some photos and more detail of the fence for these gates?
Answer:
Please see specification section 323119 Decorative Metal Fences & Gates identifies a manufacturer that matches the existing 8' height fences and gates on site: Majestic style, Montage Commercial by Ameristar (https://www.ameristarperimeter.com/us/en/products/ornamental-fence-gates/montage/montage-commercial). The existing fence can be viewed on-site.

Item No. 1.10
Question:
Sheet C-101, removable bollards (note 14) – what is the basis of design? Please provide a detail of the required removable bollard.
Answer:
Specification section 129300 Site Furnishings includes the basis of design:
Removable Bollards shall be 4.5” diameter by 36” height (above grade) and 48” height (base below grade). Entire assembly shall be stainless steel, including base and lockable hinged plate. Basis of Design: 4.5”x36” Removable Stainless Steel bollard by Seton, available at http://www.seton.com.
The 12" deep embedded base of these bollards will be mounted in 18" diameter by 24" deep concrete footing per the manufacturer's requirements.

STRUCTURAL ITEMS:

Item No. 1.11
Question:
Sheet S-303, D/S-303 is calling out for alternate #3. According to the alternate description list in the specs. It seems to me that this would be alternate #2. Please confirm.
Answer:
Detail D/S-303 is for alternate #2.

ARCHITECTURAL ITEMS:

Item No. 1.12
Question:
Band storage addition is Alternate #1, correct? Some bollards will be added in the alternate for me, correct?
Answer:
Alternate #1 is Band Storage. Bollards for Band Storage are shown on A-102 First Floor Plan Callouts – Area A, A-121 First Floor Dimension Plan – Area A, Enlargement: Bid Alternate – Band Storage on C-101 Site Layout Plan.

Item No. 1.13
Refer to revised sheet G-001 Cover Sheet. Sheet C-303 added to drawing index.

Item No. 1.14
Question:
In specification (055000) – it is calling out for downspout boots. What model and or size should we quote? Hope this is in the site or plumbing package. If not, please provide more detailed information.
Answer:
Most manufacturers listed for compliance provide one cast iron downspout boot that is to be sized with downspouts and storm drainage.

Item No. 1.15
Question:
In specification (055000) – it also has the catch all Misc steel trim. Please clarify and provide a detail of what is required for this trim?
Answer:
Please clarify which piece of steel trim you need more information on.

END OF ADDENDUM NO. 1.00

UK INDOOR TRACK FACILITY

700 SPORTS CENTER DRIVE LEXINGTON, KENTUCKY 40506

CONCEPT RENDERING

PACKAGE

CONSTRUCTION DOCUMENTS

10/25/2022

OWNER
UNIVERSITY OF KENTUCKY
Lexington, Kentucky 40506
Capital Project Management Division
P: 859.257.5911
F: 859.323.1017

ARCHITECT
JRA ARCHITECTS
3225 Summit Square Place, Suite 200
Lexington, KY 40509
P: 859.252.6781
F: 859.255.5483

STRUCTURAL ENGINEER
BROWN + KUBICAN
546 E Main St.
Lexington, KY 40508
P: 859.543.0933

MECHANICAL / ELECTRICAL ENGINEER
CMTA CONSULTING ENGINEERS
220 Lexington Green Circle, Suite 600
Lexington, KY 40503
P: 859.253.0892

CIVIL ENGINEER
CARMAN
310 Old Vine Street, Suite 200
Lexington, KY 40507
P: 859.254.9803

TRACK & FIELD DESIGN
PAIGE DESIGN GROUP
1040 Frank Davis Road
Waynesville, NC 28785
P: 919.451.1641

DRAWING INDEX

JRA architects
3225 Summit Square Place, Suite 200
Lexington, Kentucky 40509
859.252.6781

JRA, INC. REGISTERED NO. 5994-6448 5495-6546 COMMONWEALTH OF KENTUCKY ARCHITECTS

RESERVED FOR AHJ STAMP

CONSTRUCTION DOCUMENTS

UK INDOOR TRACK FACILITY
UNIVERSITY OF KENTUCKY
700 SPORTS CENTER DRIVE LEXINGTON, KENTUCKY 40506

GENERAL

PROJECT	202258
DATE	10/25/2022

REVISIONS

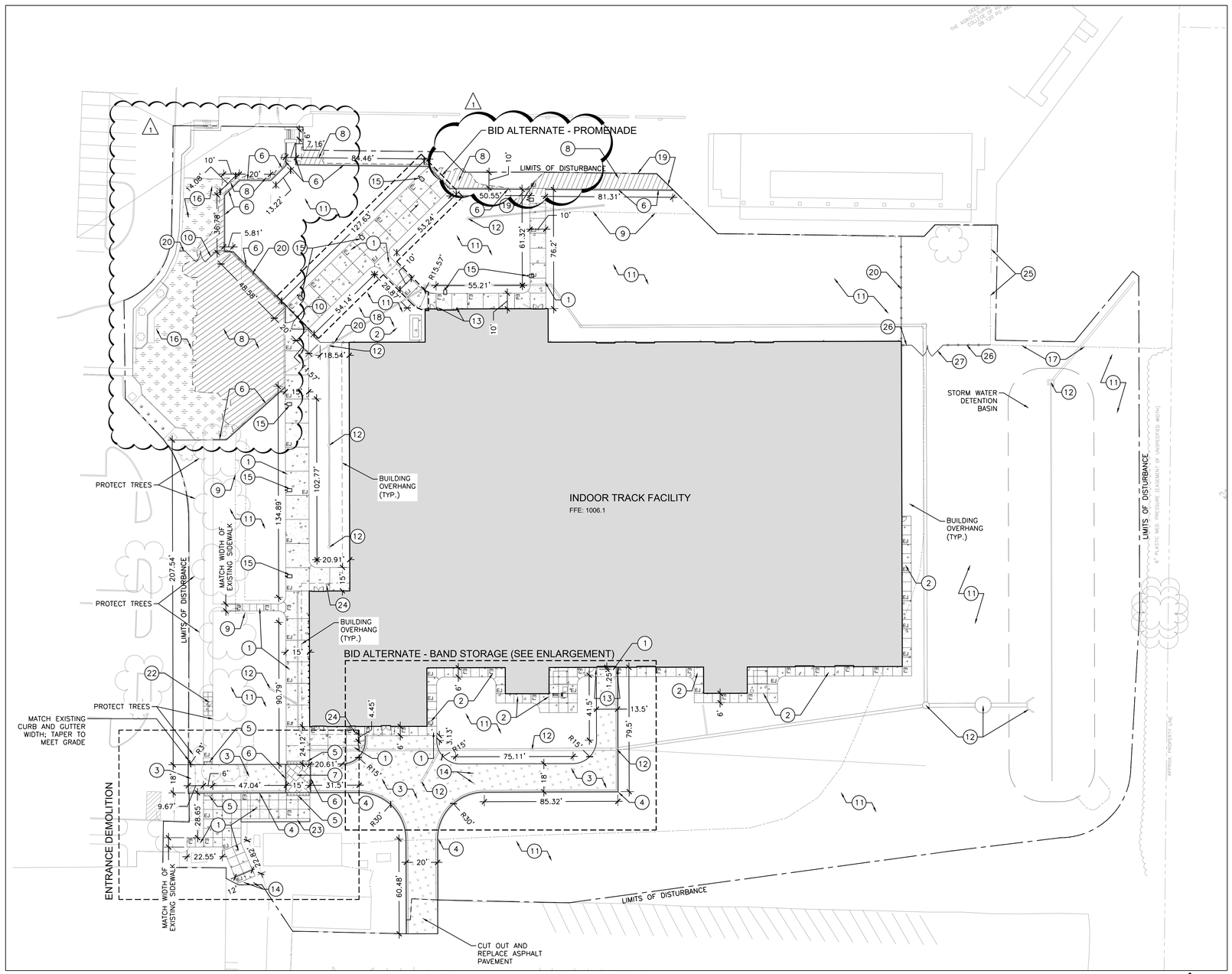
No.	Description	Date
2	PEMB - ADDENDUM 2	9/23/2022
4	CCK-2669-23 ADD#1	11/18/2022

COVER SHEET

G-001

UK PROJECT 2584.0

File Path



LAYOUT PLAN

SCALE: 1" = 30'

0 15 30 60

GENERAL LAYOUT NOTES:

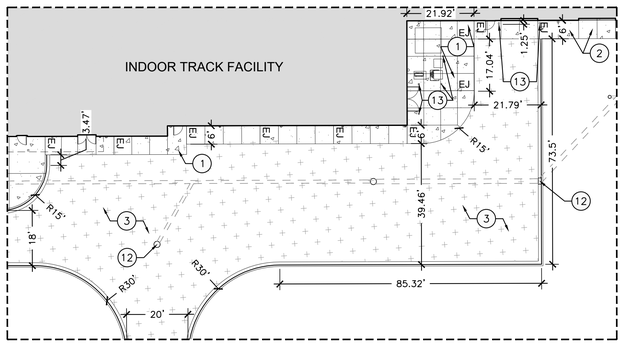
1. DIMENSIONS ARE NOT TO BE SCALED. SHOULD DISCREPANCIES OCCUR WITH DIMENSIONS ON THESE PLANS, NOTIFY CARMAN FOR CLARIFICATION.
2. PRIOR TO CONSTRUCTION OR DEMOLITION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE.
3. CONTRACTOR SHALL PROVIDE HORIZONTAL AND VERTICAL CONTROL STAKING FOR THE CONSTRUCTION OF ALL SITE IMPROVEMENTS.
4. EXISTING SITE SURVEY INFORMATION PROVIDED BY: ENDRIS ENGINEERING 859-253-1425
5. COORDINATES AND ELEVATIONS PROVIDED ON THESE PLANS ARE BASED ON DATUM PROVIDED BY THE SURVEYOR.
6. THE CONTRACTOR SHALL UTILIZE COORDINATES FROM ELECTRONIC PLAN FILE FOR THE PURPOSE OF LAYOUT OF ALL SITE IMPROVEMENTS. THE LANDSCAPE ARCHITECT/CIVIL ENGINEER MAY PROVIDE THE ELECTRONIC FILE TO THE CONTRACTOR FOR THIS PURPOSE. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT/CIVIL ENGINEER OF DISCREPANCIES BETWEEN THE PLANS AND THE ELECTRONIC FILE.
7. COORDINATES PROVIDED ON THE BUILDING CORNERS ARE TO BE USED FOR BUILDING ORIENTATION. COORDINATES ARE NOT TO BE USED FOR FOOTING AND/OR FOUNDATION LAYOUT.
8. IT IS THE CONTRACTOR'S OR SUBCONTRACTOR'S RESPONSIBILITY TO OBTAIN AND UTILIZE THE MOST CURRENT CONTRACT PLAN AND SPECIFICATION DOCUMENTS.
9. ALL DIMENSIONS ARE TAKEN AT FACE OF CURB OR WALL WHERE APPLICABLE.
10. ALL WORK, CONSTRUCTION REQUIREMENTS, AND PERFORMANCE STANDARDS SHALL COMPLY WITH LOCAL AND STATE STANDARDS.
11. NO MATERIAL SHALL BE WASTED IN A FLOOD PLAIN.
12. ALL HORIZONTAL AND VERTICAL STAKING IS TO BE BASED ON LOCAL BENCHMARK PROVIDED BY THE SURVEYOR.
13. EXPANSION JOINT MATERIAL IS TO BE USED ANYTIME NEW CONCRETE SIDEWALK, CURB OR PAVEMENT IS INSTALLED ADJACENT TO EXISTING CONCRETE SIDEWALK, CURB, PAVEMENT, FOOTING, BUILDING OR OTHER VERTICAL STRUCTURES.
14. EXISTING BUILDINGS, PAVEMENTS, SIDEWALKS, AND OTHER SITE IMPROVEMENTS SHALL BE PROTECTED DURING CONSTRUCTION. THEIR CONDITIONS SHALL BE PHOTOGRAPHICALLY DOCUMENTED PRIOR TO CONSTRUCTION. DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
15. UPON REQUEST, A DIGITAL FILE MAY BE PROVIDED TO ASSIST IN LAYOUT OF NEW FEATURES.
16. ALL DISTURBED AREAS THAT ARE NOT DESIGNATED AS PAVED, BUILDING OR LANDSCAPE BEDS SHALL BE SODDED PER THE SPECIFICATIONS.
17. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL JOBSITE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)
18. SHOP DRAWINGS THAT DEPICT ANY VISIBLE SITE COMPONENTS SUCH AS SITE ACCESSORIES OR OTHER SITE COMPONENT THAT HAS A VISIBLE CHARACTER SHALL BE APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT/CIVIL ENGINEER AT LEAST 90 DAYS PRIOR TO SUBSTANTIAL COMPLETION OR THE NECESSARY SCHEDULED TIME FOR INSTALLATION OF THE COMPONENT.
19. ALL SITE CONCRETE SHALL BE 4500 PSI.
20. ANY SUBMITTALS, PLANS, SHOP DRAWINGS, ETC. REQUIRING THE CERTIFICATION OF A LICENSED DESIGN PROFESSIONAL IN THE COMMONWEALTH OF KENTUCKY SUCH AS RETAINING WALLS, BLEACHERS, RAINWATER HARVESTING SYSTEMS, ETC. SHALL BE SUBMITTED BY THE CONTRACTOR TO THE LANDSCAPE ARCHITECT/CIVIL ENGINEER NO MORE THAN 30 DAYS AFTER THE CONTRACTOR RECEIVES A NOTICE TO PROCEED/CONTRACT FOR THE WORK FROM THE OWNER.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING WASHED STONE/AGGREGATE OF THE SPECIFIED SIZE. UNWASHED STONE WITH FINES AND DUST IS NOT ACCEPTABLE. THE CONTRACTOR MAY CHOOSE THE MEANS AND METHODS TO ATTAIN THE FUNCTIONING INTENT FOR THE SPECIFIED AGGREGATE SIZE FOR PERMEABLE PAVEMENT SYSTEMS.
22. THESE SITE PLANS DO NOT RECOMMEND OR LOCATE ANY SHORING TECHNIQUES AS THIS IS A MEANS AND METHODS PERFORMANCE BY THE CONTRACTOR. SHOULD THE CONTRACTOR CHOOSE TO UTILIZE SHORING FOR ANY PURPOSE THE CONTRACTOR WILL BE REQUIRED TO MEET ANY AND ALL REQUIREMENTS FOR SHORING THAT IS REQUIRED BY LOCAL, STATE OR FEDERAL AGENCIES, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ANY SURFACE OR OR SUBSURFACE CONFLICTS THAT MAY OCCUR WITH THE LOCATION OR DEPTH OF ANY SHORING METHODS THE CONTRACTOR MAY EMPLOY.
23. THE CONTRACTOR SHALL KEEP SITE IMPROVEMENT PLANS AT THE SITE AT ALL TIMES WITH A RECORD OF ANY DESIGN MODIFICATIONS THAT HAVE OCCURRED WITH ANY SITE IMPROVEMENTS.
24. ALL RADII ARE TO BE 5' UNLESS OTHERWISE NOTED.

GRAPHIC LEGEND

- NEW BUILDING AND SITE WALLS
- 6" CONCRETE SIDEWALK/PAVEMENT
- 4" CONCRETE SIDEWALK/PAVEMENT
- HEAVY DUTY ASPHALT
- EXTENT OF NEW PERMEABLE PAVER AREA. EVENLY MIX NEW PAVERS WITH EXISTING
- ASPHALT BLOCK PAVERS
- TACTILE WARNING PAVERS
- EXISTING PERMEABLE PAVERS TO BE EVENLY MIXED WITH NEW PERMEABLE PAVERS
- CONTROL JOINTS
- EXPANSION JOINT AS SHOWN
- FLUSH CURB
- CONCRETE CURB AND GUTTER
- LIMITS OF DISTURBANCE

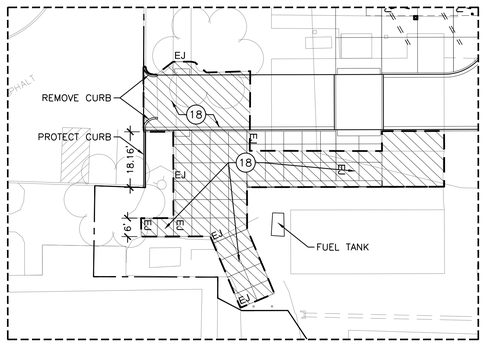
CODED LAYOUT NOTES

KEY	DESCRIPTION	DETAIL
1	6" THICK CONCRETE PAVEMENT	B / C-301
2	4" THICK CONCRETE PAVEMENT	D / C-301
3	ASPHALT PAVEMENT	A / C-301
4	CONCRETE CURB AND 12" WIDE GUTTER	E / C-301
5	ADA TACTILE WARNING PAVERS	–
1 6	NEW FLUSH CONCRETE CURB TO HOLD PAVERS	H / C-301
7	ASPHALT BLOCK PAVERS OVER CONCRETE BASE	G / C-301
8	EXTENT OF NEW AREA FOR PERMEABLE PAVERS. MIX NEW PAVERS EVENLY WITH EXISTING PERMEABLE PAVERS	F / C-301
9	SALVAGE ORNAMENTAL STEEL FENCE (8' HT.); REMOVE CURB WHERE APPLICABLE.	–
10	NEW PAIR OF 12' GATES (8' HT.) – ORNAMENTAL STEEL TO MATCH FENCE	–
11	REMOVE GRAVEL/DEBRIS, ETC; PROVIDE 6" DEPTH OF TOPSOIL AND SOD (ALL AREAS DISTURBED BY DEMOLITION AND CONSTRUCTION)	–
12	STORM STRUCTURE (SEE C2.0 FOR MORE INFORMATION)	–
13	FIXED BOLLARDS	I / C-301
14	REMOVABLE BOLLARDS	–
15	LIGHT POLE (REFERENCE MEP SHEET)	–
16	EXISTING PERMEABLE PAVERS TO BE REMOVED AND REINSTALLED EVENLY MIXED WITH NEW PERMEABLE PAVERS	F / C-301
17	EXISTING CHAIN LINK FENCE TO REMAIN.	–
18	REMOVE CONCRETE/ASPHALT PAVEMENT & STONE BASE IN AREAS DESIGNATED FOR NEW PAVEMENT OR LAWN.	–
19	REMOVE CURB & LANDSCAPE TO ACCOMODATE NEW PAVERS. COORDINATE RELOCATION OF ELECTRICAL RECEPTACLES & LIGHT POLE.	–
20	INSTALL SALVAGED ORNAMENTAL STEEL FENCE – PROVIDE NEW FENCE TO MATCH IF NECESSARY	–
21	REMOVE GRAVEL/REMNANTS OF PAVEMENT TO 12" DEPTH AND BACKFILL WITH TOPSOIL.	–
22	REMOVE AND REPLACE SETTLED SECTION OF SIDEWALK. MATCH EXISTING JOINTING PATTERN.	–
23	24" WIDE CONCRETE ROLL CURB TO MEET EXISTING GRADE	J / C-301
24	ACTUATOR/CARD READER BOLLARD	REFER TO ARCH.
25	SALVAGE EXISTING 10' HT. CHAIN LINK FENCE TO INSTALL TO BUILDING CORNER.	–
26	INSTALL SALVAGED 10' HT. CHAIN LINK FENCE.	–
27	INSTALL SALVAGED PAIR OF 6' W GATES (10' HT.) CHAIN LINK TO MATCH EXISTING FENCE (BLACK VINYL COATED)	–
1 28	SAWCUT AND REMOVE SOUTHERN HALF OF EXISTING STAIR AND SOUTHERN WING WALL. SALVAGE SOUTHERN HANDRAIL. CONSTRUCT NEW SOUTHERN WING WALL AT NEW SOUTH END OF STAIR TO MATCH EXISTING. RE-INSTALL HANDRAIL.	–
1 29	REMOVE PAVERS, GRAVEL, AND CONCRETE TO ALLOW PLACEMENT OF 24" DEEP TOPSOIL ON SLOPE BETWEEN NEW UPPER AND LOWER FLUSH CURBS. SEE LANDSCAPE PLAN FOR SHRUBS AND MULCH.	–



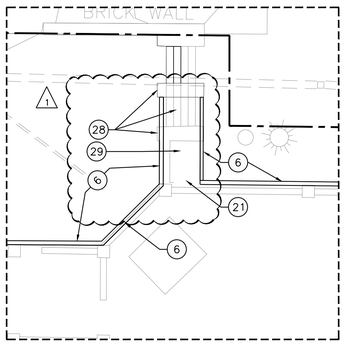
ENLARGEMENT: BID ALTERNATE - BAND STORAGE

SCALE: 1" = 20'



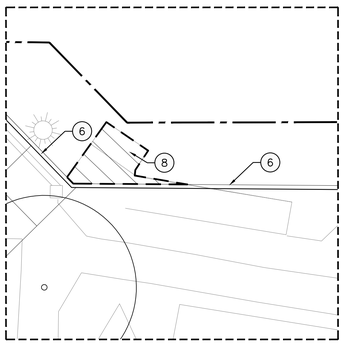
ENTRANCE DEMOLITION

SCALE: 1" = 20'



RETAINING WALL DEMOLITION

SCALE: 1" = 10'



RETAINING WALL DEMOLITION

SCALE: 1" = 10'

The New Look For Digging Safely in Kentucky
Kentucky 811
Call 811 Before You Dig

THE CONTRACTOR SHALL ESTABLISH LOCATION OF ALL UNDERGROUND UTILITY LINES, TANKS, VAULTS, ETC. PRIOR TO CONSTRUCTION THROUGH B.U.D. OR BY A PRIVATE, 3RD PARTY UTILITY LOCATE COMPANY AND SHALL BE RESPONSIBLE FOR DAMAGES AS A RESULT.

JRA architects
3225 Summit Square Place, Suite 200
Lexington, Kentucky 40509
859.252.6781

KEVIN L. WARNER 533 REGISTERED LANDSCAPE ARCHITECT STATE OF KENTUCKY
10/24/22

RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
URBAN PLANNING
CIVIL ENGINEERING

CONSTRUCTION DOCUMENTS

UK INDOOR TRACKFACILITY

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

CIVIL

PROJECT	202258
DATE	10/25/2022

REVISIONS

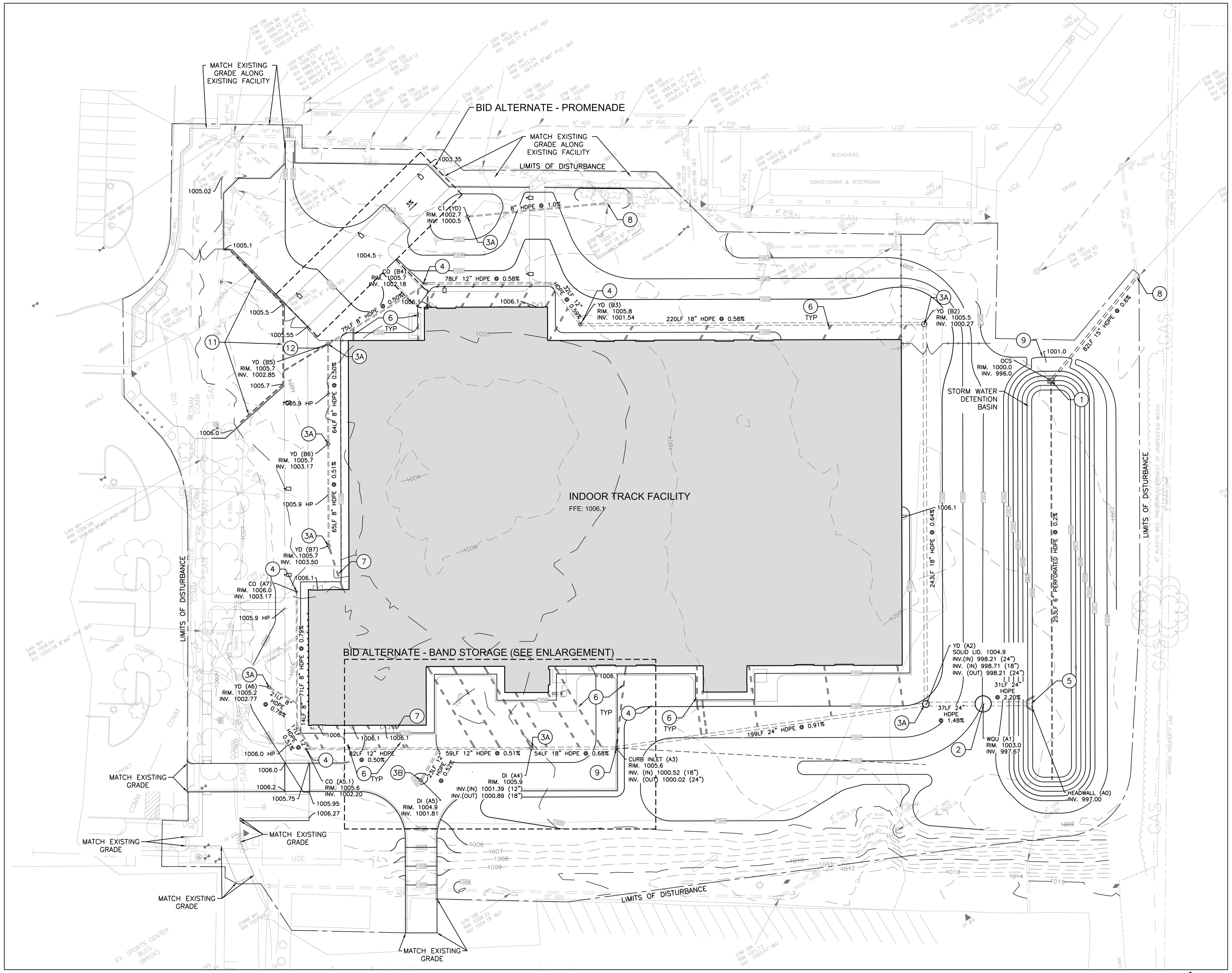
No.	Description	Date
1	CLARIFY PAVER EXTENTS	11/18/2022

SITE LAYOUT PLAN

C-101

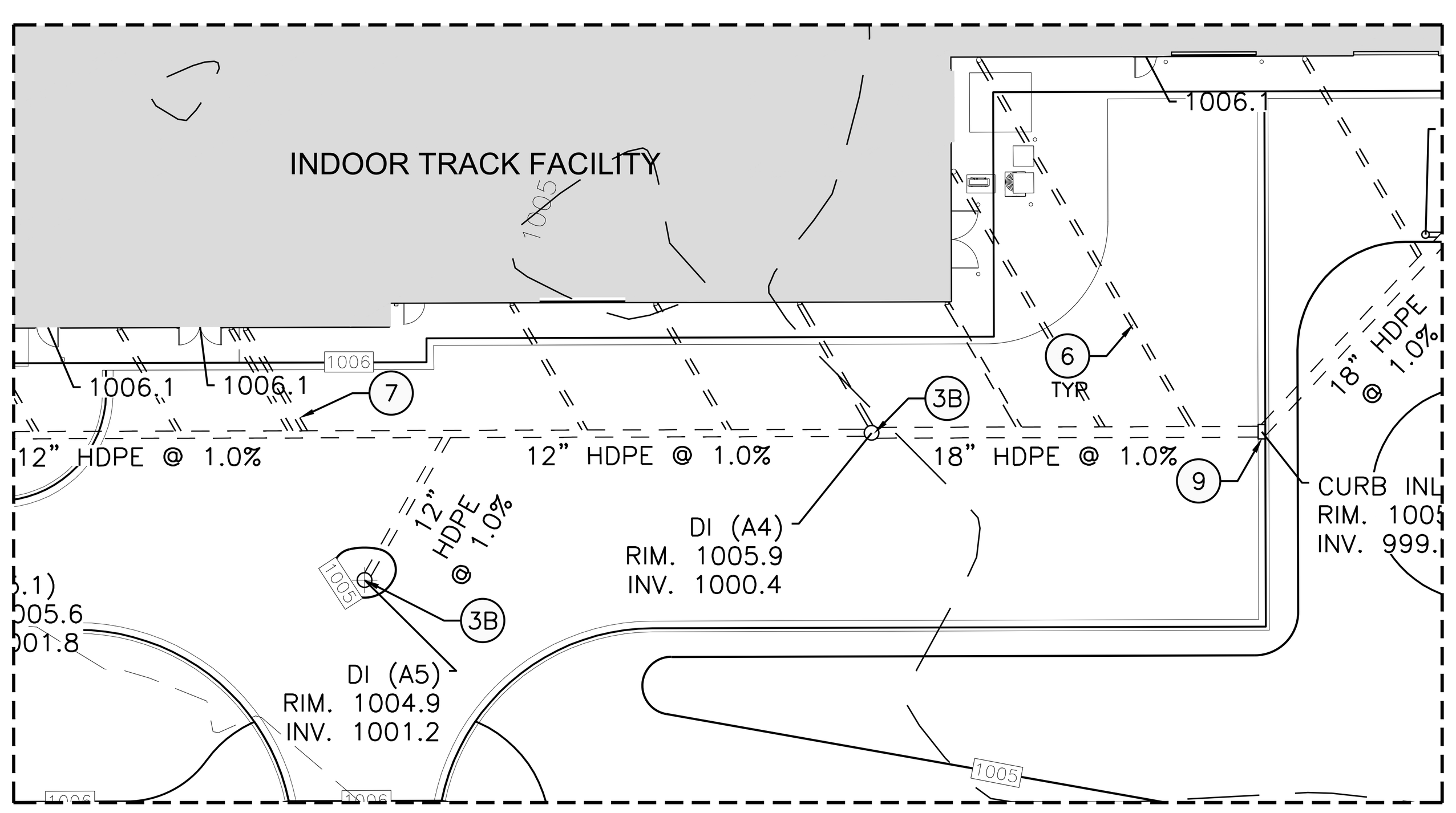
2/9/2008 9:55:45 AM

File Path



GRADING AND DRAINAGE PLAN

SCALE: 1" = 30'



ENLARGEMENT: BID ALTERNATE - BAND STORAGE

SCALE: 1" = 20'

GENERAL GRADING AND DRAINAGE NOTES:

1. ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE. SPOT ELEVATIONS ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED.
2. PRIOR TO CONSTRUCTION OR DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES, SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE. FINISHED REPAIRS OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
3. ALL EXCESS EXCAVATED MATERIAL, OTHER THAN TOPSOIL, IS TO BE REMOVED FROM THE SITE AT CONTRACTOR'S COST
4. UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. ALL VEGETATION, ROOTS, TREES, ETC. TO BE REMOVED SHALL BE REMOVED TO A MINIMUM DEPTH OF THREE FEET BELOW FINISHED GRADE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO REMAIN. BURNING IS NOT ALLOWED ON SITE UNLESS APPROVED BY OWNER AND LOCAL FIRE DEPARTMENT
5. BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL STRIP ALL TOPSOIL FROM PORTIONS OF THE SITE TO BE DEVELOPED AND STORE IN A LOCATION THAT WILL NOT INTERFERE WITH SITE DEVELOPMENT OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REDISTRIBUTING TOPSOIL IN ALL FINISHED GRADE AREAS, BACK-FILLING CURBS, SIDEWALKS, ETC. TOPSOIL SHALL NOT BE DISTRIBUTED WHEN WET OR OVERLY COMPACTED.
6. CONTRACTOR SHALL PROVIDE LANDSCAPE ARCHITECT/CIVIL ENGINEER WITH COMPACTION TESTING FROM AN INDEPENDENT TESTING AGENCY. COMPACTED FILLS GREATER THAN 12" INSIDE THE BUILDING FOOTPRINT SHALL BE TESTED BY THE SPECIAL INSPECTOR. ALL OTHER COMPACTED FILLS SHALL BE TESTED BY AN INDEPENDENT TESTING AGENCY AND PAID FOR BY THE CONTRACTOR.
7. SHOULD CONTRACTOR ENCOUNTER ROCK EXCAVATION, THE ROCK SHALL BE REMOVED TO A MINIMUM DEPTH OF SIX INCHES BELOW BOTTOM OF UTILITIES OR SUBGRADE OF ROAD BEDS AND FIFTEEN INCHES BELOW TURF AREAS UNLESS OTHERWISE SPECIFIED IN CONTRACT DOCUMENTS INCLUDING THE GEOTECHNICAL REPORT
8. CONTRACTOR SHALL TAKE PRECAUTIONS NOT TO PLACE EXCAVATED MATERIALS IN A FLOOD PLAIN, JURISDICTIONAL OR SPECIAL USE WATERS OR DESIGNATED/CONSTRUCTED WETLANDS
9. ELEVATIONS AND CONTOURS ON THIS PLAN ARE REFERENCED TO MEAN SEA LEVEL DATUM AND BENCHMARKS REFERENCED ON THE PLAN
10. IT SHALL BE SOLELY THE CONTRACTOR'S RESPONSIBILITY TO VERIFY IF ROCK EXCAVATION FOR MASS GRADING OR TRENCHING IS REQUIRED. ALL EXCAVATION IS UNCLASSIFIED. THERE WILL BE NO PAYMENT FOR ROCK EXCAVATION.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXCAVATION QUANTITIES.
12. IT IS THE DESIGN INTENT FOR ALL WATER TO BE DIRECTED AWAY FROM THE PROPOSED AND EXISTING BUILDINGS.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT AND/OR PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES INCLUDING MAXIMUM 2% CROSS SLOPE FOR ACCESSIBLE PEDESTRIAN ROUTES AND 2% SLOPES IN ANY DIRECTION FOR LANDINGS AT STAIRS AND RAMPS. THE CONTRACTOR SHALL VERIFY THESE COMPLIANT SLOPES IMMEDIATELY AFTER FORMING OF OR SETTING OF GRADE STAKES AND IF SPECIFIED GRADES ARE NOT COMPLIANT, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT/CIVIL ENGINEER IMMEDIATELY FOR A RESOLUTION
14. REFER TO THE SITE SURVEY FOR EXISTING SPOT ELEVATIONS. SURVEY INFORMATION PROVIDED BY: ENDRIS ENGINEERING 859-253-1425
15. ROOF LEADER CONNECTIONS TO MAIN LINE SHALL BE 6" DIAMETER PIPE WITH 12" MINIMUM COVER UNLESS OTHERWISE NOTED. ROOF LEADERS SHALL HAVE A MINIMUM OF 1% POSITIVE GRADIENT TO THE POINT OF CONNECTION OR DISCHARGE.
16. BORROWED FILL MATERIALS ARE TO BE APPROVED BY THE OWNER, LANDSCAPE ARCHITECT, CIVIL ENGINEER AND/OR THE GEOTECHNICAL ENGINEER PRIOR TO TRANSPORT OR USE ON THIS SITE.
17. EXISTING STORM SEWER RIMS AND INVERTS ARE TAKEN FROM THE SITE SURVEY AND SHOULD BE CROSS-REFERENCED WITH THE SITE SURVEY. REFER TO SITE SURVEY FOR ALL EXISTING ON-SITE STORM SEWER INFORMATION.
18. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF SHORING AND UNDERPINNING OF UTILITIES OR STRUCTURES AT LOCATIONS INDICATED. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS PREPARED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF KENTUCKY AS REQUIRED BY THE OCCUPATIONAL SAFETY HEALTH ADMINISTRATION. THE NEED FOR, MEANS AND METHODS FOR SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR
19. ALL PAVED AREAS INCLUDING SIDEWALKS, PARKING AREAS, SERVICE AREAS, ETC. ARE SPECIFIED WITH MATERIALS FOR THE INTENDED FINAL USE OF EACH AREA. THE AREAS ARE NOT SPECIFIED TO BE USED FOR TEMPORARY CONSTRUCTION TRAFFIC. SHOULD THE CONTRACTOR INSTALL OR CONSTRUCT THE PAVED AREA AS SPECIFIED AND THEN UTILIZE FOR TEMPORARY CONSTRUCTION ACTIVITY, THE CONTRACTOR AT NO COST TO THE OWNER SHALL REPAIR AND/OR RECONSTRUCT THE AREAS WITH REGARDS TO MEETING MATERIAL SPECIFICATIONS, SUBSEQUENT STABILIZATION AND GRADING PRIOR TO CONSTRUCTION OF FINAL PAVEMENT SURFACES.
20. THE CONTRACTOR SHALL NOTE THAT TEMPORARY CONSTRUCTION ACTIVITY MAY DE-STABILIZE SUBGRADES FOR BUILDING OR PAVED AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MEANS AND METHODS COST FOR THE TEMPORARY USE OF AREAS FOR CONSTRUCTION ACTIVITY AND SHALL ALSO BE RESPONSIBLE FOR RE-STABILIZING AREAS SHOULD TEMPORARY CONSTRUCTION ACTIVITY CONTRIBUTE TO THE NEED TO STABILIZE BUILDING OR PAVEMENT AREAS.
21. ELEVATIONS OF ALL RIMS, STRUCTURE COVERS, ACCESS DOORS AND TOPS OF ALL UTILITY VAULTS, MANHOLES, VENTS, VALVE BOXES, ETC. SHALL BE ADJUSTED TO MEET PROPOSED SURROUNDING GRADES.
22. BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL BE FAMILIAR WITH THE REPORT OF GEOTECHNICAL EXPLORATION AND COMPLY WITH RECOMMENDATION PROVIDED FOR SUBGRADE CONDITIONS.
23. TOPSOIL SHALL BE MINIMUM SIX (6) INCHES DEEP IN ALL TURF AREAS AND TWELVE (12) INCHES DEEP IN ALL LANDSCAPE BED AREAS AFTER PLACEMENT AND REASONABLE SETTLEMENT.
24. CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINISH GRADING OF TOPSOIL AND SHALL ENSURE THAT FINISH GRADING DOES NOT CONTAIN DEPRESSIONS OR HIGH AREAS THAT ARE NOT CONSISTENT WITH PROPOSED SURFACE GRADES. THE CONTRACTOR SHALL RECEIVE APPROVAL OF FINISH SURFACE GRADING FROM THE OWNER, LANDSCAPE ARCHITECT OR CIVIL ENGINEER PRIOR TO INSTALLATION OF TURF OR LANDSCAPE MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MITIGATING ANY IRREGULARITIES PRIOR TO PLACEMENT OF TURF OR LANDSCAPE MATERIALS.
25. CONTRACTOR SHALL NOT CREATE ANY SITE GRADING THAT WILL PREVENT THE NORMAL DRAINAGE OF WATER OF DAM WATER ON ANY ADJACENT PROPERTIES. SHOULD OFFSITE TOPOGRAPHY OR CONTOURS SHOWN ON GRADING PLAN NOT DEPICT ACCURATE CONDITIONS THAT CREATE DRAINAGE PROBLEMS, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE OWNER, LANDSCAPE ARCHITECT AND/OR CIVIL ENGINEER, PRIOR TO BEGINNING WORK.
26. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNDERCUT OF UNUSABLE, UNSTABLE OR OTHERWISE UNACCEPTABLE MATERIALS THAT ARE INDICATED ON THIS PLAN, ASSOCIATED SPECIFICATIONS AND/OR REFERENCED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL PAY FOR ALL UNDERCUT EXCAVATION AND DISPOSITION OF MATERIALS IN AN ACCEPTABLE MANNER THAT MAY INCLUDE HAULING OFFSITE, DISTRIBUTING ON THE SITE IN AREAS THAT ARE NOT DESIGNATED FOR STRUCTURAL FILL FOR BUILDINGS OR PAVEMENTS. ANY DISTRIBUTION OF MATERIALS ON-SITE SHALL BE PLACED TO CREATE POSITIVE DRAINAGE AND WASTED MATERIALS SHALL BE SEEDED AND MULCHED, AT A MINIMUM, UNLESS OTHERWISE SPECIFIED.
27. DETENTION BASIN SHALL BE OBSERVED BY LANDSCAPE ARCHITECT/CIVIL ENGINEER UPON COMPLETION OF EXCAVATION TO OBTAIN REQUIRED VOLUME AND THE CONTRACTOR SHALL PROVIDE VOLUME COMPUTATIONS FROM LICENSED SURVEYOR TO VERIFY COMPLIANCE.
28. REFER TO ARCHITECTURAL PLANS FOR ALL DOWNSPOUT SIZES, LOCATION, AND QUANTITIES. COORDINATE THIS PLAN WITH ARCHITECTURAL TO ENSURE ALL TIE-IN LOCATIONS ARE COORDINATED.
29. CONTRACTOR SHALL ENSURE ALL PROPOSED IMPROVEMENTS MEET AND MATCH EXISTING AND/OR ADJACENT CONDITIONS. CONTRACTOR SHALL NOTIFY DESIGN ENGINEER UPON ANY DISCREPANCY WHICH WILL DETER ADHERENCE TO THIS CONDITION.
30. ALL STORM SEWER INFRASTRUCTURE NEEDS TO BE FLUSHED FREE OF SEDIMENT AND INSPECTED BY ENGINEER AT COMPLETION OF PROJECT.
31. SPOT ELEVATIONS LABELED WITH "EX" ARE EXISTING SPOTS THAT HAVE BEEN INTERPOLATED FROM THE SITE SURVEY AND NEED TO BE VERIFIED IN THE FIELD. NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.
32. CONTRACTOR TO FIELD VERIFY ALL LOCATIONS AND DEPTHS OF EXISTING STORM STRUCTURES PRIOR TO BEGINNING CONSTRUCTION TO INSURE ADEQUATE DEPTH.
33. CONTRACTOR TO LOCATE STOCKPILING OF SOILS WITHIN THE LIMITS OF WORK. ONCE A LOCATION IS SELECTED, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED TO VALIDATE THE LOCATION IS APPROPRIATE.
34. ALL DISTURBED GRADE AREAS TO BE SODDED AT COMPLETION OF PROJECT. REFER TO LANDSCAPE PLAN FOR MINIMUM LIMITS OF SOD.
35. IF ANY EXISTING ASBESTOS COATED SEWER LINE IS UNEARTHED, IT WILL REQUIRE ABATEMENT IN ACCORDANCE WITH CURRENT EPA GUIDELINES.
36. PROVIDE A MINIMUM OF 12" CRUSHED STONE BACKFILL OVER STORM PIPING. STORM PIPING UNDER PAVED SURFACES TO BE BACKFILLED FULL DEPTH WITH CRUSHED STONE.
37. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING OF EXCAVATION AREAS FOR FOUNDATIONS AND/OR BASEMENTS AND SHALL NOT ALLOW PONDING OF WATER THAT WILL DESTABILIZE THE SOIL BEARING FOR FOUNDATIONS, SLABS, STRUCTURES, ETC.
38. CONTRACTOR SHALL UTILIZED DIGITAL FILES TO ESTABLISH COORDINATES FOR LOCATING DRAINAGE STRUCTURES. DIGITAL FILES CAN BE OBTAINED FROM CARMAN. SHOULD THE CONTRACTOR NEED A LISTING OF STRUCTURE COORDINATES, THESE MAY BE REQUESTED FROM THE OFFICE OF CARMAN.
39. THE CONTRACTOR SHALL NOTE THAT TERMITE PROTECTION AND TREATMENT IS REQUIRED BY THE ARCHITECTURAL SPECIFICATIONS AND THIS TREATMENT SHALL BE APPLIED BEFORE SLAB SYSTEM IS INSTALLED
40. THE CONTRACTOR SHALL SUBMIT SITE SPECIFIC SHOP DRAWINGS, SAMPLES, ETC FOR ANY MANUFACTURED OR PRE-CAST EQUIPMENT OR STRUCTURES ASSOCIATED WITH STORM DRAINAGE OR STORMWATER MANAGEMENT IMPROVEMENTS.
41. ANY SUMPS REMAINING IN STORM STRUCTURES (PVC OR CONCRETE) BELOW THE INVERT ELEVATION OF THE OUTLET PIPE SHALL BE FILLED WITH CONCRETE TO ELIMINATE ANY STANDING WATER WITHIN THE STRUCTURES.
42. ALL STORM PIPE SHALL BE SDR35 PVC, PER UNIVERSITY OF KENTUCKY STANDARDS.

SPECIAL NOTE:

1. EXISTING FILL AND FAT CLAY WITHIN 36" OF SUBGRADE BENEATH THE BUILDING SHALL BE REMOVED AND REPLACED WITH COMPACTED ACCEPTABLE FILL. ACCEPTABLE FILL SHALL BE DETERMINED ON SITE BY THE GEOTECHNICAL ENGINEER, BUT GENERALLY, LEAN CLAY OR D.G.A. IS ACCEPTABLE. EXISTING UNDOCUMENTED FILL OF LEAN CLAY MAY BE USED IF PROPERLY COMPACTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.

CODED LAYOUT NOTES

KEY	DESCRIPTION	GRAPHIC	DETAIL
1	OUTLET CONTROL STRUCTURE	○	E / C-202
2	WATER QUALITY UNIT	O	F / C-202
3A	PVC YARD DRAIN BASIN	∘	A / C-202
3B	DRAIN INLET WITH TRAFFIC RATED GRATE	∘	G / C-202
4	DRAIN CLEANOUT	←	C / C-202
5	HEADWALL	‹	D / C-202
6	6" HDPE STORM PIPE CONNECTING DOWNSPOUT BOOT TO STORM SYSTEM. PROVIDE ALL NECESSARY FITTINGS.		–
7	6" HDPE STORM PIPE CONNECTING OVERFLOW ROOF DRAINS TO STORM SYSTEM. PROVIDE ALL NECESSARY FITTINGS.		–
8	CORE OPENING INTO EX. MANHOLE TO INSERT NEW PIPE AND GROUT SOLID AROUND PIPE (FLUSH WITH INSIDE WALL OF MANHOLE)		–
9	CURB INLET	▯	B / C-202
10	25FT EMERGENCY SPILLWAY @ ELEV. 1001.0		–
11	6" PERFORATED HDPE UNDERDRAIN OF PERMEABLE PAVERS		–
12	6" SOLID HDPE CONNECTION TO DRAIN BASIN		–

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THE CONTRACTOR SHALL ESTABLISH LOCATION OF ALL UNDERGROUND UTILITY LINES, TANKS, VAULTS, ETC. PRIOR TO CONSTRUCTION THROUGH B.U.D. OR BY A PRIVATE, 3RD PARTY UTILITY LOCATE COMPANY AND SHALL BE RESPONSIBLE FOR DAMAGES AS A RESULT.

GRAPHIC LEGEND

NEW BUILDING AND SITE WALLS

1005.75 SPOT ELEVATION

1001 INTERMEDIATE CONTOUR LINE

1000 INDEX CONTOUR LINE

ABBREVIATION LEGEND

EX	EXISTING SPOT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TS	TOP OF STEP
BS	BOTTOM OF STEP
GR	STORM GRATE ELEVATION
RE	RIM ELEVATION
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
BD	BOTTOM OF DOCK
IE	INVERT ELEVATION
OIE	OUTLET INVERT ELEVATION (TRENCH)
HP	HIGH POINT

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Sandra Bowling

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CONSTRUCTION DOCUMENTS

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LEXINGTON, KENTUCKY

CIVIL

PROJECT	202258
DATE	10/25/2022

REVISIONS

No.	Description	Date
1	REVISED GRADES AND STORM SEWER	11/18/2022

GRADING AND DRAINAGE PLAN

C-201

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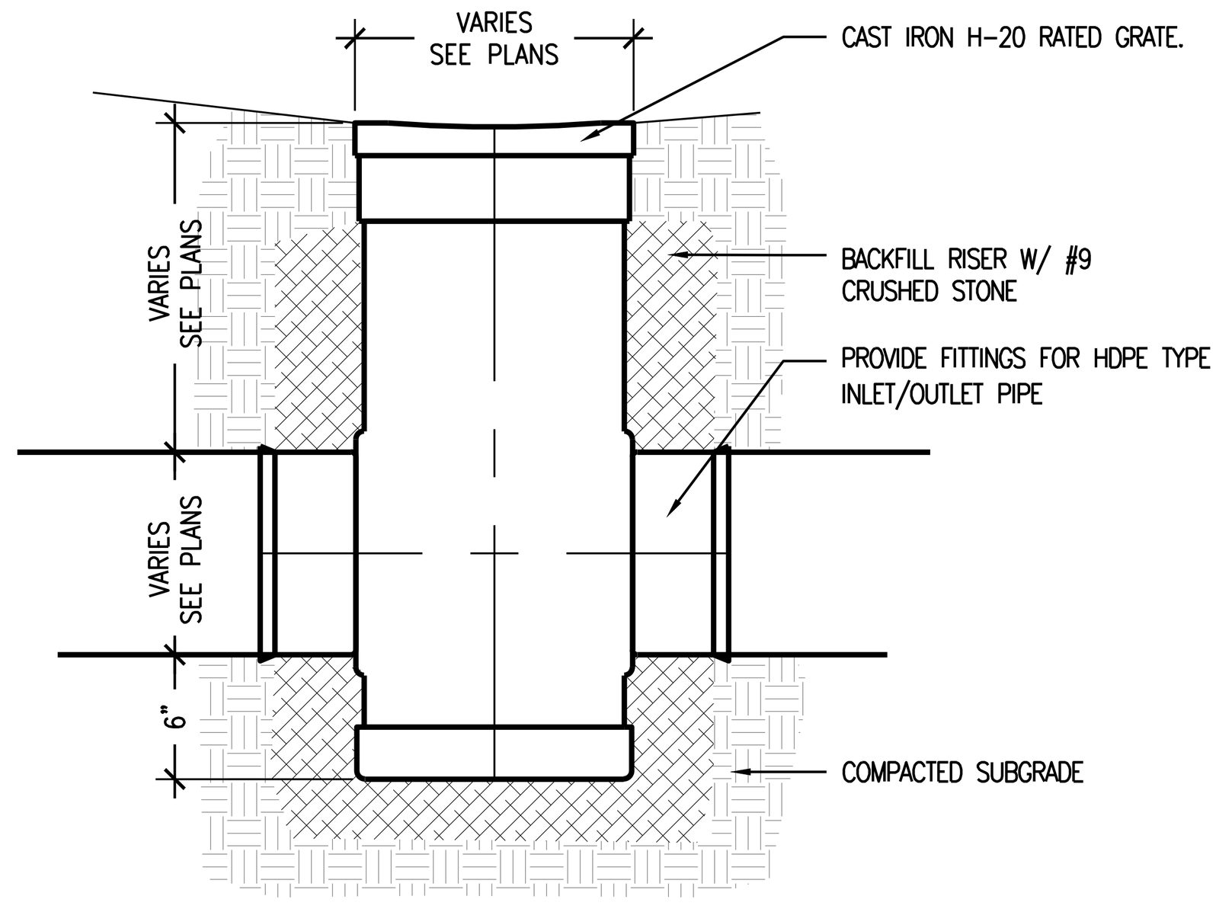
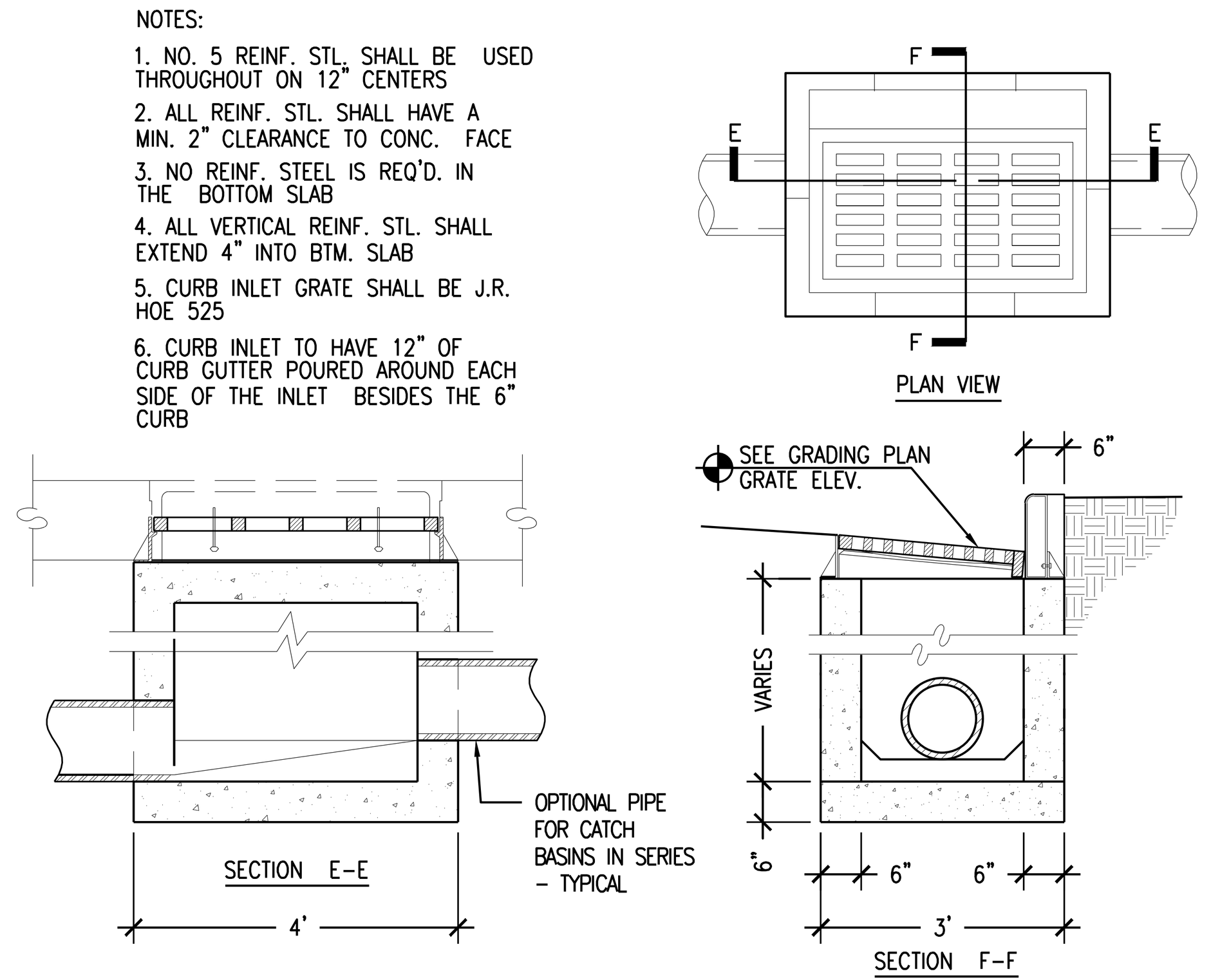


DRAIN BASINS TO BE NYLOPLAST AMERICA, INC. OR APPROVED EQUAL. (800) 859-0328

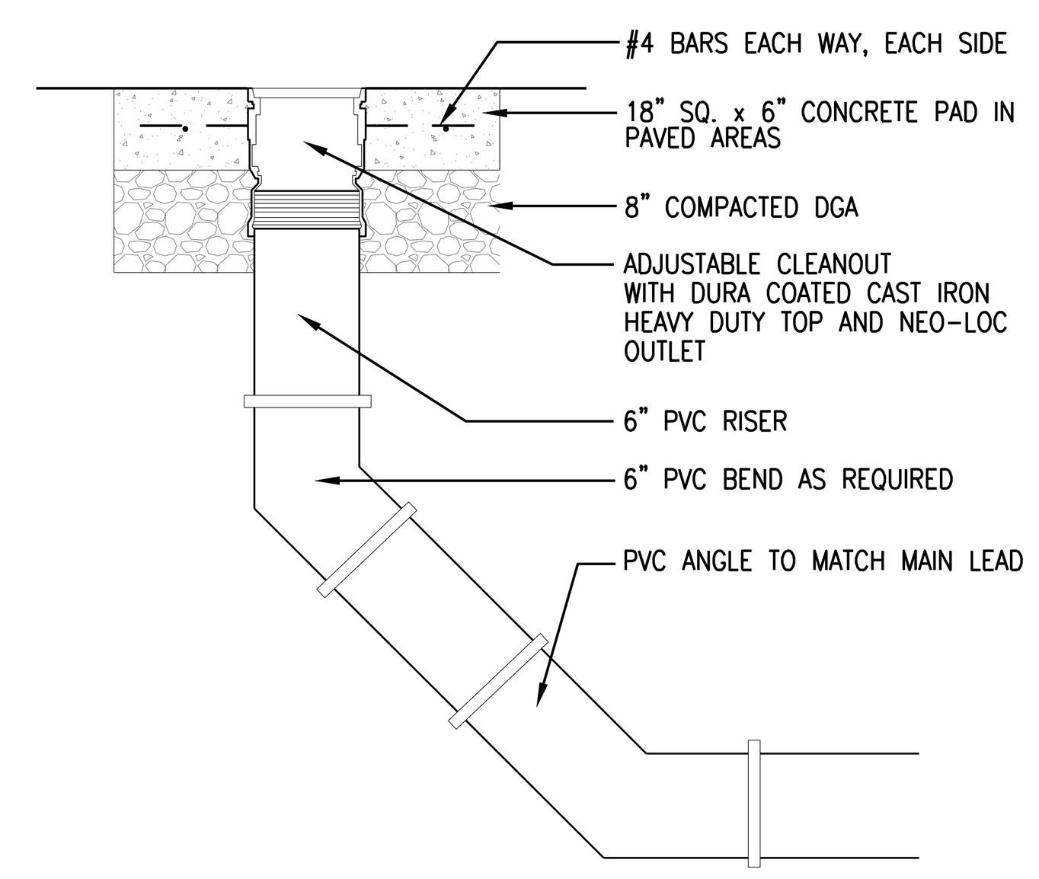
(A) PVC YARD DRAIN BASIN
SCALE: 1" = 1'-0"

NOTES:

1. NO. 5 REINF. STL. SHALL BE USED THROUGHOUT ON 12" CENTERS
2. ALL REINF. STL. SHALL HAVE A MIN. 2" CLEARANCE TO CONC. FACE
3. NO REINF. STEEL IS REQ'D. IN THE BOTTOM SLAB
4. ALL VERTICAL REINF. STL. SHALL EXTEND 4" INTO BTM. SLAB
5. CURB INLET GRATE SHALL BE J.R. HOE 525
6. CURB INLET TO HAVE 12" OF CURB GUTTER POURED AROUND EACH SIDE OF THE INLET BESIDES THE 6" CURB

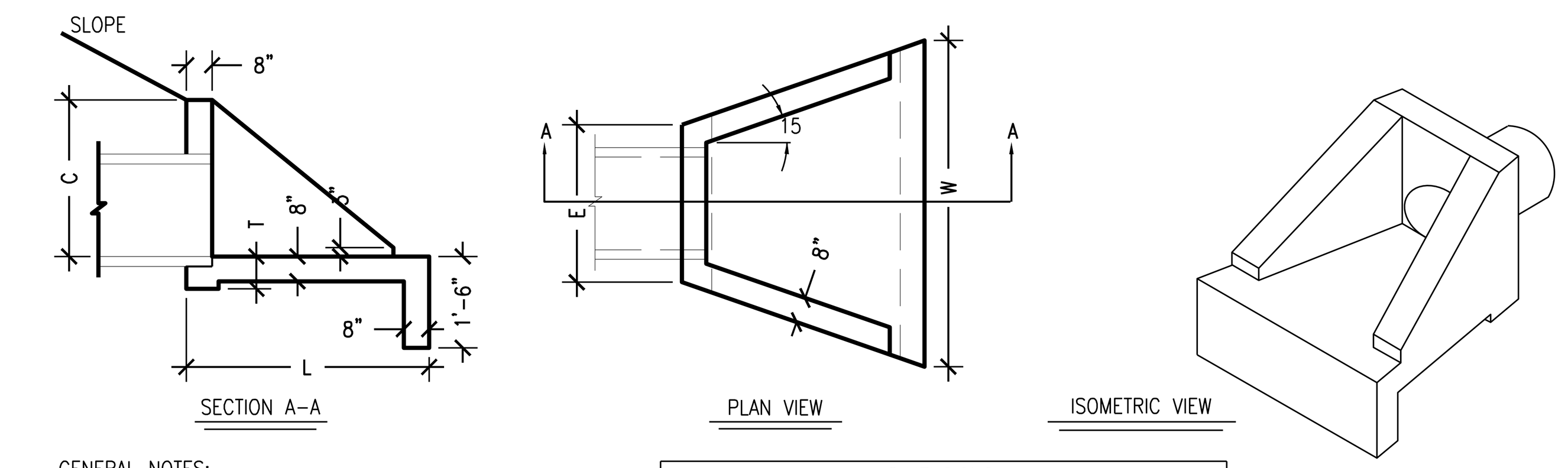


(B) CURB INLET
SCALE: 1/2" = 1'-0"



NOTE: CONCRETE PAD NOT REQUIRED IN GRASS OR MULCH AREAS.

(C) DRAIN CLEANOUT
SCALE: 1" = 1'-0"

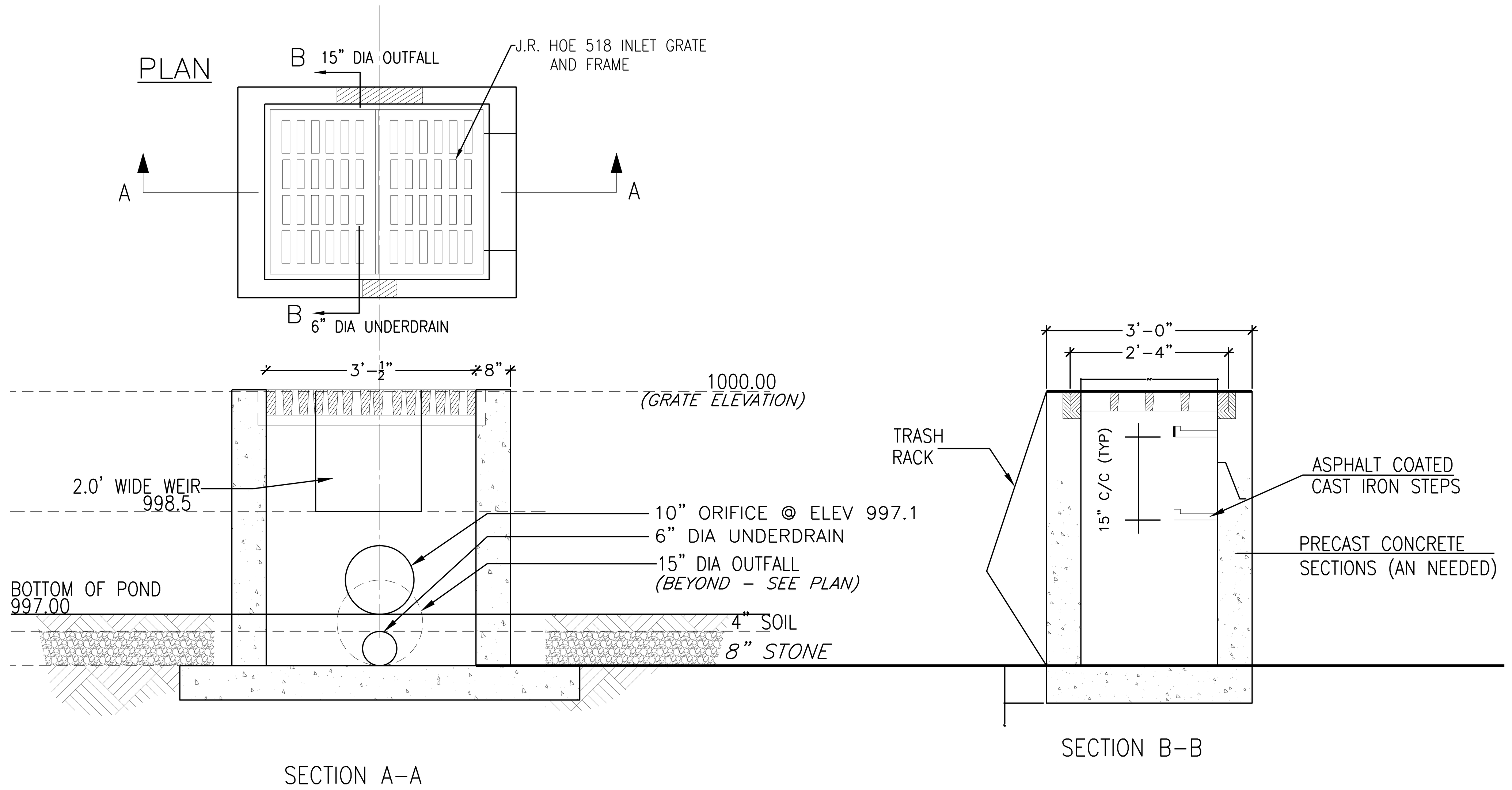


GENERAL NOTES:

1. # 4 REBAR 12" C.C. EA. WAY GRADE 60
2. 3/4" CHAMFER ON ALL EXPOSED EDGES
3. CONCRETE: 4500PSI @ 28 DAYS
4. 2" CONCRETE COVER
5. CONFORMS TO KDOH STD. DRAWING NO. RDH-020-03
6. PIPE OPENING IN FACE OF WALL EQUALS PIPE I.D.
7. T≤ PIPE WALL THICKNESS+1-1/2"

DIMENSIONS					
PIPE DIA.	C	L	W	E	WEIGHT
12"& 15"	2'-0"	4'-0"	4'-9"	2'-9"	3,040lbs.
18"	2'-3"	4'-6"	5'-3"	3'-0"	3,766lbs.
24"	2'-9"	5'-6"	6'-6"	3'-6"	5,470lbs.

(D) HEADWALL
SCALE: 3/4" = 1'-0"



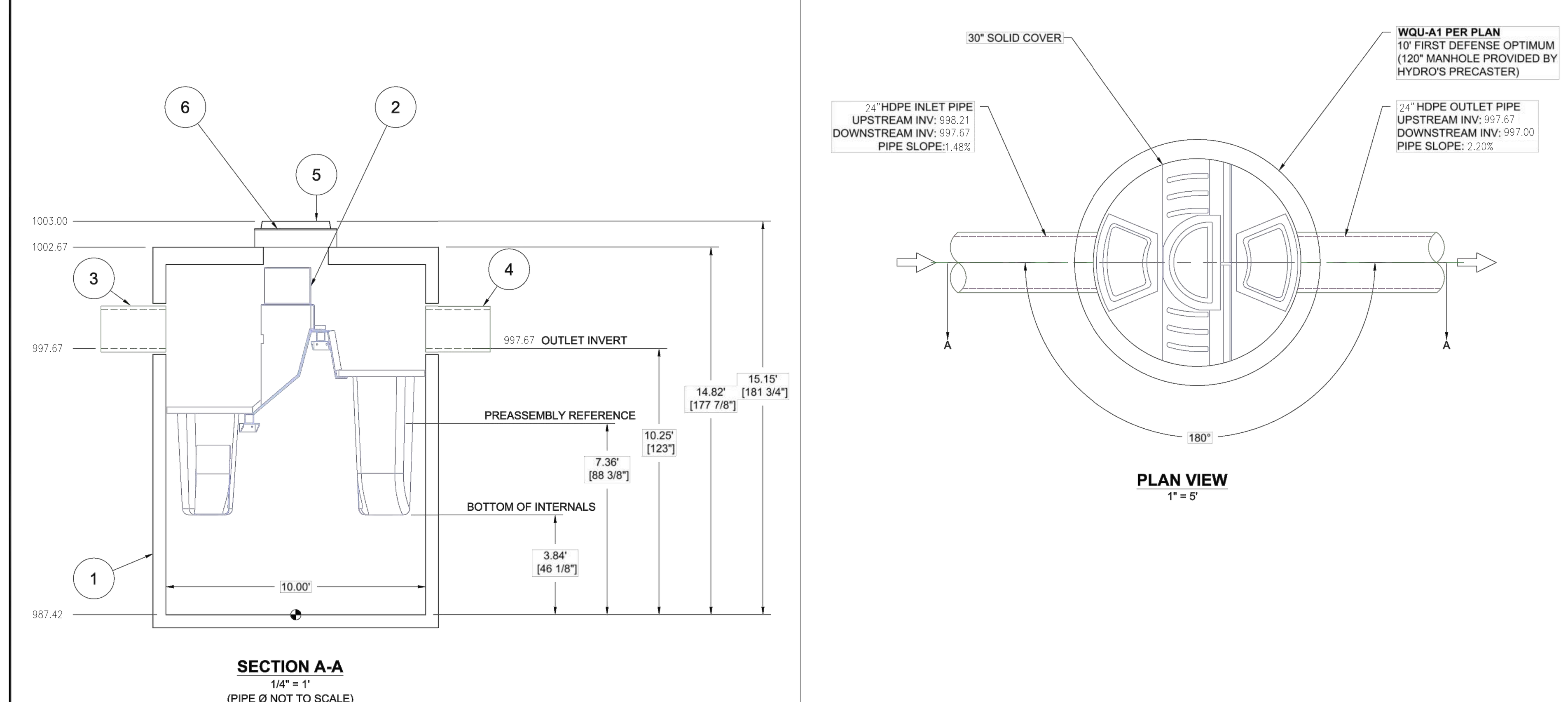
NOTE:
1. CONCRETE: 4500 PSI @ 28 DAYS.
2. MODIFIED 2'X3' CATCH BASIN
3. DETAIL IS CONCEPTUAL IN NATURE AND INTENDED TO CONVEY DESIGN INTENT.
4. PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.

(E) OUTLET CONTROL STRUCTURE
SCALE: NTS

PARTS LIST : **10' FIRST DEFENSE OPTIMUM**

ITEM	SIZE (IN)	MATERIAL	DESCRIPTION
1	120	-	I.D. PRECAST MANHOLE
2	-	-	INTERNAL COMPONENTS (PRE INSTALLED)
3	24	HDPE	INLET PIPE (BY OTHERS)
4	24	HDPE	OUTLET PIPE (BY OTHERS)
5	30	-	FRAME & COVER
6	-	-	MATERIALS AND LABOR TO ACHIEVE FINAL GRADE (BY OTHERS)

NOTES:
- ENGINEER / CONTRACTOR TO CONFIRM PIPE MATERIALS.
- CONTRACTOR IS RESPONSIBLE FOR MATERIALS AND LABOR TO BRING CASTINGS TO FINISHED GRADE
- ACTUAL DEPTH OF STRUCTURE MAY VARY DEPENDING ON AVAILABLE PRECAST FORMS. CONTRACTOR TO MEASURE HEIGHT OF STRUCTURE TO ENSURE THAT DEPTH OF EXCAVATION IS CORRECT.
- UNIT SHALL CONFORM TO HS20-44 LOAD RATINGS.



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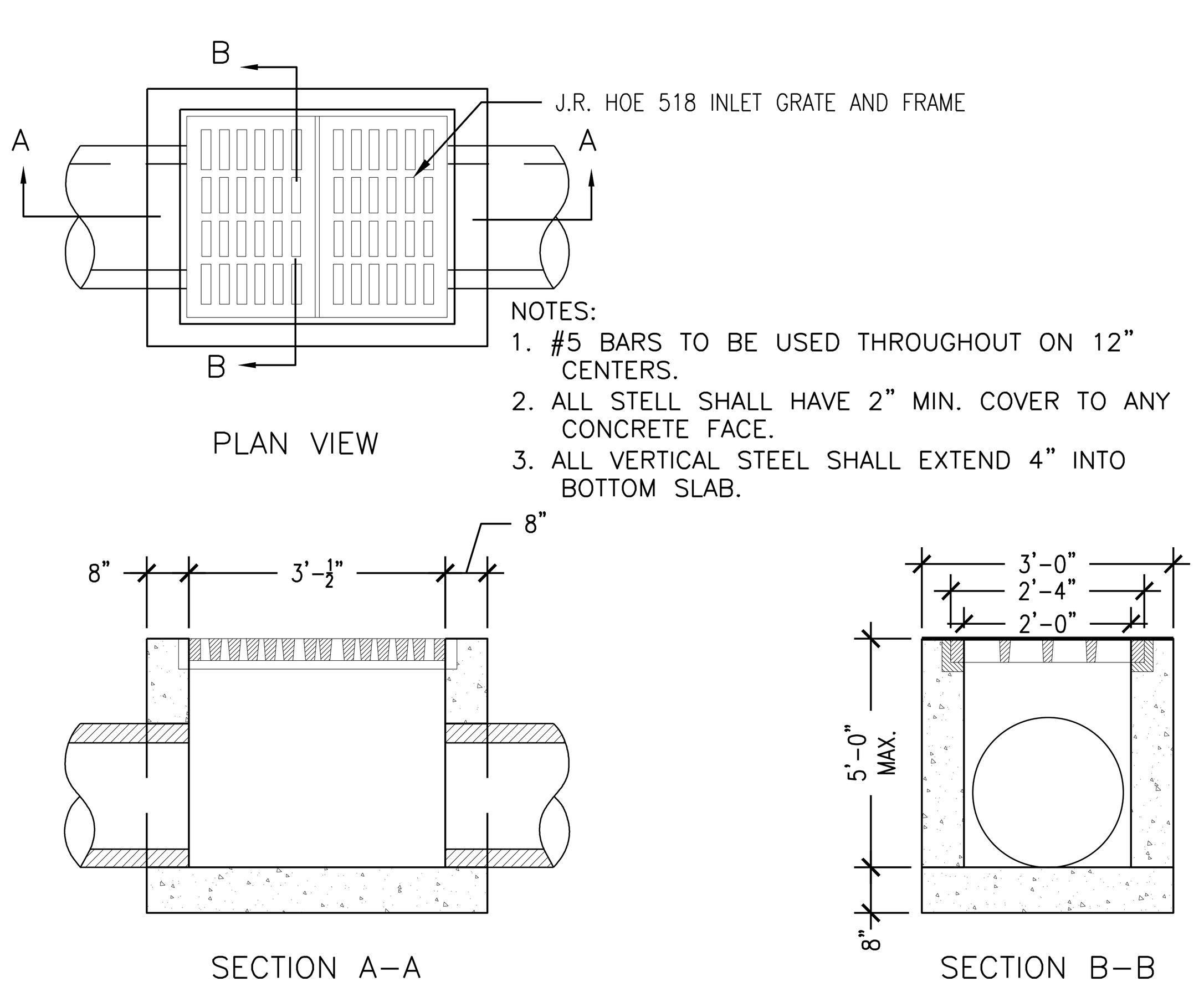
AS NOTED

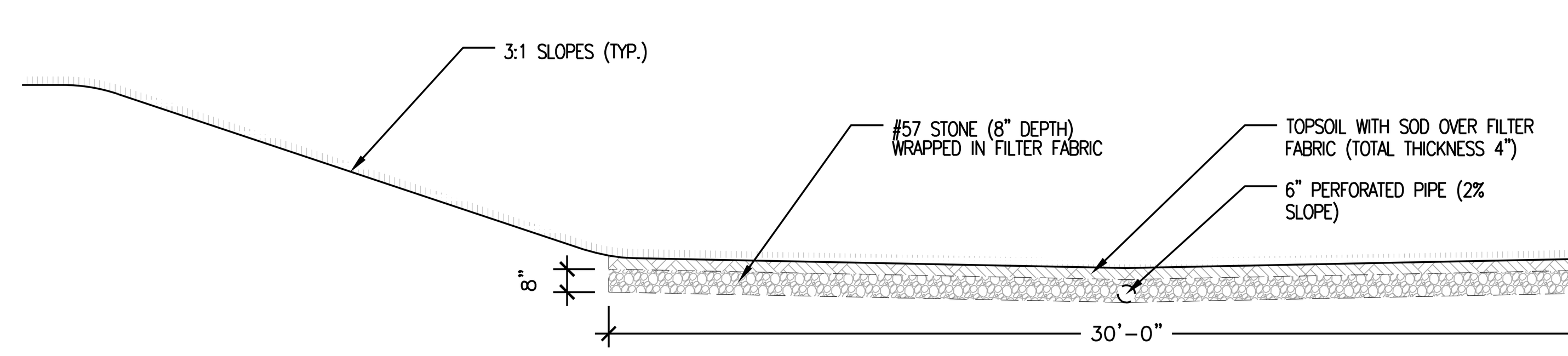
SHEET 2 OF 2

(F) WATER QUALITY UNIT
SCALE: 1" = 1'-0"



NOTES:
1. #5 BARS TO BE USED THROUGHOUT ON 12" CENTERS.
2. ALL STELL SHALL HAVE 2" MIN. COVER TO ANY CONCRETE FACE.
3. ALL VERTICAL STEEL SHALL EXTEND 4" INTO BOTTOM SLAB.

(G) DRAIN INLET WITH TRAFFIC RATED GRATE
SCALE: NTS



(H) DETENTION BASIN CROSS SECTION
SCALE: NTS

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PROJECT	202258
DATE	10/25/2022

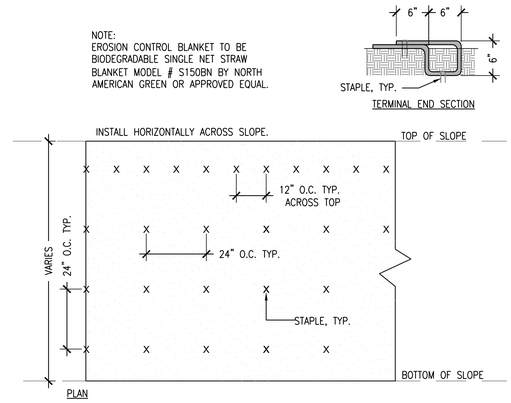
REVISIONS

No.	Description	Date
1	REVISED INVERT ELEVATIONS AND PIPE SIZES	11/18/2022

DRAINAGE DETAILS

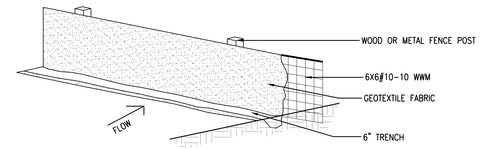
C-202

File Path



D EROSION CONTROL / SEEDING BLANKET

SCALE: NTS

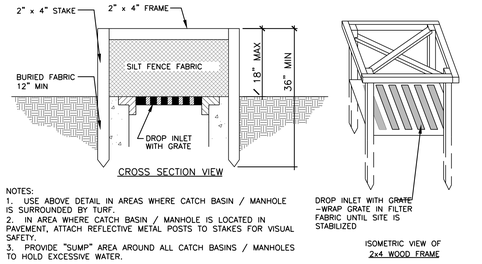


POSTS: HARDWOOD OR STEEL GREATER THAN 4' IN HEIGHT. FOR HARDWOOD, PROVIDE A MINIMUM 1-1/2" BY 1-1/2" CROSS SECTION. FOR STEEL, PROVIDE A 1-1/4" BY 1" T-SECTION WITH PROJECTIONS TO FASTEN WIRE AND FABRIC IN POSITION.
WOVEN OR WELDED WIRE FABRIC: PROVIDE FABRIC WITH A MINIMUM HEIGHT OF 2'-8". REQUIRE AT LEAST 6 HORIZONTAL WIRES SPACED 6-1/4 INCHES OR CLOSER WITH THE TOP AND BOTTOM WIRES 0.134 INCH OR LARGER AND ALL OTHER WIRES 0.1 INCH OR LARGER. REQUIRE 0.1 INCH OR LARGER VERTICAL WIRES SPACED 12" OR CLOSER.
GEOTEXTILE FABRIC: CONFORM TO AASHTO M288 FOR TEMPORARY SILT FENCE. PROVIDE FABRIC WITH A HEIGHT OF 3'. FABRIC TO BE AMOCO 2130 OR EQUAL.

NOTES:
1. THE BOTTOM 6" OF GEOTEXTILE SHALL BE BURIED IN A TRENCH CUT INTO THE GROUND ON UPSTREAM SIDE OF FENCE.
2. FENCE POST AND FABRIC WILL BE ACCEPTED BASED ON VISUAL INSPECTION BY THE LANDSCAPE ARCHITECT IN THE FIELD. GEOTEXTILE FABRIC WILL BE ACCEPTED UPON RECEIPT OF THE CERTIFICATION FROM THE MANUFACTURER THAT IT IS SUITABLE FOR USE AS SILT FENCE.
3. THE SILT FENCE SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. THE SILT FENCE SHALL BE ERECTED BEFORE GRADING IS BEGUN IN THE AREA TO BE PROTECTED. POSTS SHALL BE BE INSTALLED AT 6 TO 8 FEET SPACING (CLOSER SPACING SHOULD BE USED IN AREAS WHERE RAPID RUN-OFF IS TO BE EXPECTED) AND FENCE FABRIC ATTACHED. THE WIRE FABRIC AND GEOTEXTILE FABRIC SHALL BE ATTACHED TO THE POSTS ON THE UPHILL SIDE USING STAPLES, HOG-RINGS OR OTHER APPROVED METHOD.
4. DURING THE USEFUL LIFE OF THE SILT FENCE, IT SHALL BE MAINTAINED BY THE CONTRACTOR AND SILT ACCUMULATIONS THAT THREATEN DAMAGE TO THE FENCE SHALL BE REMOVED. AFTER THE USEFULNESS OF THE FENCE HAS ENDED, IT SHALL BE REMOVED AND DISPOSED OF AND THE ACCUMULATED SILT EITHER REMOVED OR DRESSED IN PLACE AS DIRECTED, AND THE ENTIRE AREA SEEDED AND PROTECTED.

A SILT FENCE

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

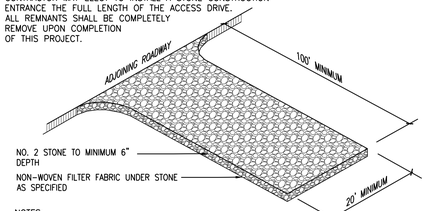


NOTES:
1. USE ABOVE DETAIL IN AREAS WHERE CATCH BASIN / MANHOLE IS SURROUNDED BY TURF.
2. IN AREA WHERE CATCH BASIN / MANHOLE IS LOCATED IN PAVEMENT, ATTACH REFLECTIVE METAL POSTS TO STAKES FOR VISUAL SAFETY.
3. PROVIDE "SUMP" AREA AROUND ALL CATCH BASINS / MANHOLES TO HOLD EXCESSIVE WATER.

E EROSION CONTROL / INLET PROTECTION

SCALE: NTS

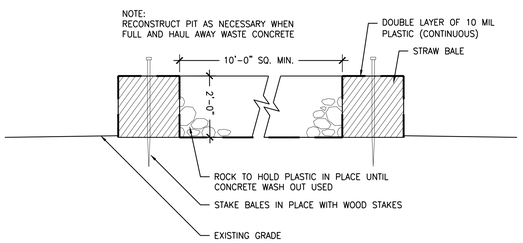
SPECIAL NOTE:
THIS CONSTRUCTION ENTRANCE DETAIL IS A MINIMUM. THE CONTRACTOR MAY ELECT TO INSTALL A STONE CONSTRUCTION ENTRANCE THE FULL LENGTH OF THE ACCESS DRIVE. ALL REMNANTS SHALL BE COMPLETELY REMOVE UPON COMPLETION OF THIS PROJECT.



NOTES:
1. TURNING RADII SHALL BE PROVIDED SUFFICIENT TO ACCOMMODATE LARGE TRUCKS AND OTHER EQUIPMENT TO ACCESS CONSTRUCTION AREA.
2. STONE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO ROADWAY. PERIODIC TOP DRESSING WITH STONE WILL BE NECESSARY.
3. ANY MATERIAL WHICH STILL MAKES IT ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.

B CONSTRUCTION ENTRANCE

SCALE: N.T.S.



C WASHOUT PIT

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

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STATE OF KENTUCKY
KEVIN L WARNER
533
REGISTERED LANDSCAPE ARCHITECT
10/19/22

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CONSTRUCTION DOCUMENTS

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CIVIL

PROJECT	202258
DATE	10/25/2022

REVISIONS

No.	Description	Date
1	ADDED INLET PROTECTION AND CONTROL BLANKET	11/18/2022

EROSION CONTROL DETAILS

C-302

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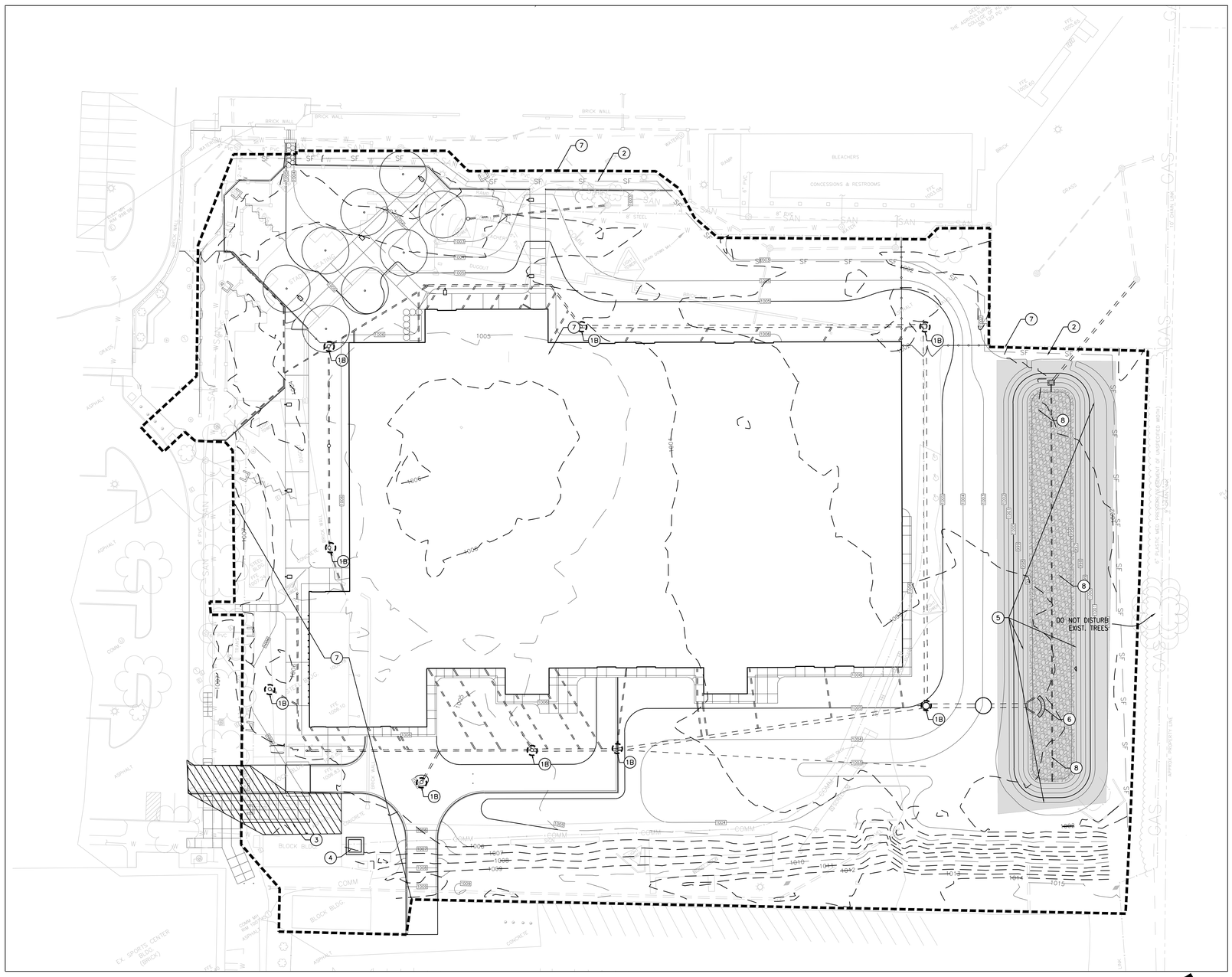

EROSIOIN CONTROL PLAN

SCALE: 1" = 30'

0 15 30 60

EROSION CONTROL & PHASING NOTES:

1. CONTRACTOR SHALL ENSURE THAT HE/SHE IS IN POSSESSION OF A SET OF APPROVED FINAL CONSTRUCTION DOCUMENTS AND STORM WATER POLLUTION PREVENTION PLANS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. COPIES OF THE APPROVED PLANS AND PERMITS SHALL BE KEPT ON THE SITE AT ALL TIMES AND MADE AVAILABLE TO INSPECTORS.
2. AS PART OF THE KENTUCKY POLLUTION DISCHARGE ELIMINATION SYSTEM, THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT AN NOI-SWCA TO THE KENTUCKY DIVISION OF WATER. APPLICANTS MUST FILE USING THE ELECTRONIC WEB BASED NOI SUBMISSION SYSTEM AT THE FOLLOWING WEB ADDRESS: https://dep.gateway.ky.gov/eForms/default.aspx?formID=7 COMPLETION OF THE NOI-SWCA SHALL BE COMPLETED A MINIMUM OF SEVEN (7) DAYS BEFORE THE PROPOSED DATE FOR COMMENCEMENT OF CONSTRUCTION ACTIVITIES. COPY OF THE APPROVED NOI-SWCA SHALL BE SUBMITTED TO CARMAN AND THE LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL PERFORM INSPECTIONS AND KEEP ON-SITE RECORDS OF INSPECTIONS AND MAINTENANCE OF EROSION CONTROL DEVICES AS DESCRIBED IN THE SPECIFICATIONS AND KYR10.
3. CONTRACTOR SHALL USE CONSTRUCTION ENTRANCE AS INDICATED ON THE PLANS.
4. CONTRACTOR TO INSTALL CONCRETE WASH OUT PIT AS INDICATED ON THE PLANS, THOUGH LOCATION MAY MOVE (WITH APPROVAL OF LANDSCAPE ARCHITECT) AS NECESSARY TO BEST SUIT OPERATIONS, CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE CONCRETE WASH, FUNCTIONING PROPERLY WITH BUILDUP OF MATERIALS DISPOSED OF OFF-SITE IN A LAWFUL MANNER.
5. SILT FENCE SHALL BE INSTALLED AS INDICATED ON THE PLAN PRIOR TO MOBILIZATION OF THE SITE. SILT FENCE IS TO BE INSTALLED FOLLOWING CONTOURS AS APPLICABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF SILT FENCE AND REMOVAL OF SILTATION AS NECESSARY. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF SILT FENCE AT SUCH TIME THAT SEEDING HAS GERMINATED AND/OR SOD ESTABLISHED SO THAT NO EROSION IS OCCURRING REGARDLESS OF TIMING. SILT FENCE SHALL BE REMOVED AT NO COST TO THE OWNER.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING ASPHALT FREE FROM MUD, DIRT, DEBRIS, ETC.
7. CONTRACTOR SHALL ESTABLISH INLET PROTECTION FOR ALL PROPOSED AND EXISTING STRUCTURES AND SHALL MAINTAIN THE FUNCTIONALITY OF THE PROTECTION THROUGHOUT THE TIME EXTENT OF THE PROJECT. EXISTING STRUCTURES WITHIN THE LIMITS OF DISTURBANCE OR IMMEDIATELY DOWNSTREAM SHALL BE PROTECTED PRIOR TO ANY LAND DISTURBANCE.
8. AFTER CONSTRUCTION ENTRANCE,SILT FENCE, CONCRETE WASHOUT PIT, AND INLET CONTROLS HAVE BEEN INSTALLED AND APPROVED BY THE LOCAL JURISDICTION AND/OR BY CARMAN, PROCEED WITH TOPSOIL STRIPPING, STOCKPILING, AND OVERALL SITE GRADING. CONTRACTOR SHALL SURROUND STOCKPILES WITH SILT FENCE AND ESTABLISH A QUICK COVER SEED AS SOON AS POSSIBLE.
9. THE CONTRACTOR SHALL PHASE CONSTRUCTION TO MINIMIZE THE AMOUNT OF DISTURBED AREA AT ANY ONE TIME, STABILIZE AND COVER WITH GRAVEL OR SEEDING AS QUICKLY AS POSSIBLE. USE ON SITE CONTROLS SUCH AS DIVERSIONS, SUMPS, AND STRAW BALES AS NECESSARY TO PREVENT OFF SITE RUNOFF. EXTRA EFFORT SHOULD BE EXERCISED PRIOR TO WINTER OR RAINY SEASON TO HAVE ALL SITE CONTROLS IN PLACE. DISTURBED AREAS WHERE CONSTRUCTION WILL CEASE FOR MORE THAN 14 DAYS WILL BE STABILIZED WITH EROSION CONTROLS.
10. CONTRACTOR SHALL COVER ALL AREAS TO BE PAVED WITH BASE AGGREGATE AS SOON AS POSSIBLE TO REDUCE DUST AND EROSION.
11. CONTRACTOR SHALL PERFORM FINISH GRADING AND TOPSOIL DISTRIBUTION IN NON-PAVED AREAS, SODDING AND MULCHING. CONTRACTOR SHALL REMOVE SEDIMENT TRAPS, WHERE APPLICABLE, AND REGRADE TO ORIGINAL CONTOURS AND REMEDIATE WITH SOD UPON COMPLETION.
12. CONTRACTOR SHALL MAINTAIN SITE AFTER ANY RAINFALL EVENT BY CLEANING SILT AND DEBRIS FROM STREETS, YARDS, ETC. AND THE RE-ESTABLISHMENT OF ANY DAMAGED EROSION CONTROL DEVICE OR MEASURE INCLUDING TEMPORARY OR PERMANENT SEEDING.
13. CONTRACTOR SHALL INSPECT SITE DAILY AND IMMEDIATELY FOLLOWING A RAINFALL EVENT TO ENSURE THAT EROSION CONTROL DEVICES ARE FUNCTIONING PROPERLY AND, IF NOT, THE CONTRACTOR SHALL TAKE ACTIONS TO REMEDIATE ANY EROSION CONTROLS AT NO ADDITIONAL COST TO THE OWNER.
14. ALL WORK, CONSTRUCTION REQUIREMENTS, AND PERFORMANCE STANDARDS SHALL COMPLY WITH LOCAL AND STATE JURISDICTIONS AND/OR STANDARDS.
15. STORM PIPING IS SHOWN FOR REFERENCE PURPOSES ONLY.
16. TEMPORARY STABILIZATION OF TOPSOIL STOCKPILE AND DISTURBED PORTIONS OF THE SITE SHALL BEGIN WITHIN 14 DAYS ON AREAS WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY (FOR 21 DAYS OR MORE) CEASED. TEMPORARY STABILIZATION CAN BE ACCOMPLISHED THROUGH SEEDING RYE (GRAIN) APPLIED AT A RATE OF 120 POUNDS PER ACRE AND/OR STRAW MULCHING AT A RATE OF 4,000 POUNDS OF STRAW PER ACRE.
17. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF BUILDING DOWNSPOUT BOOTS TO INSURE THAT SILT, MUD, DEBRIS AND TRASH DOES NOT ENTER INTO THE DOWNSPOUT BOOTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY DELETERIOUS MATERIALS FROM DOWNSPOUT BOOTS.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTIVE ACTION REQUIRED BY ANY LOCAL, STATE OR FEDERAL AGENCY THAT HAS JURISDICTION FOR SITE EROSION CONTROL.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES SUCH AS SILT FENCE, SEDIMENT BASINS, ROCK CHECKS, INLET PROTECTION, ETC AT SUCH TIME THE SITE HAS BECOME STABILIZED AND DEVICES OR CONTROLS ARE NO LONGER NECESSARY. AFFECTED ARES SHALL BE RETURNED TO THE CONTOURS PER THE GRADING PLAN.
20. THIS PLAN REFLECTS THE MINIMUM REQUIRED EROSION CONTROL MEASURES TO STABILIZE THE SITE. ADDITIONAL MEASURES MAY BE NECESSARY TO PREVENT SEDIMENT FROM LEAVING THE SITE AT NO COST TO THE OWNER.
21. ALL STORM INLETS, OPEN PIPES OR DOWNSPOUT BOOTS SHALL BE FULLY PROTECTED TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM. IF SEDIMENT ENTERS THE SYSTEM, THE CONTRACTOR SHALL FLUSH THE LINES CLEAN. VISUAL INSPECTION BY CAMERA MAY BE REQUESTED TO ENSURE THE SYSTEM IS PROPERLY MAINTAINED AT NO COST TO THE OWNER.
22. SEEDED SLOPES GREATER THAN 4:1 SHALL BE PROTECTED WITH EROSION CONTROL BLANKET AS SPECIFIED. THIS SHALL SERVE AS TEMPORARY STABILIZATION UNTIL SOD INSTALLATION.

CODED EROSION CONTROL NOTES

	DESCRIPTION		DETAILS
1A	INLET PROTECTION - PRIOR TO GRADING		E / C302
1B	INLET PROTECTION - AS NEW INLETS ARE INSTALLED		E / C302
2	SILT FENCE - PRIOR TO GRADING		B / C302
3	DESIGNATED CONSTRUCTION ENTRANCE (EXISTING CONCRETE DRIVEWAY)		A / C302
4	CONCRETE WASHOUT PIT		C / C302
5	EROSION CONTROL BLANKET INSTALLED AS TEMPORARY MEASURE UNTIL SOD IS INSTALLED.		D / C302
6	ROCK FILLED WATTLE TO PREVENT SPREAD OF SEDIMENTATION INTO THE BASIN		
7	LIMIT OF EARTHWORK DISTURBANCE		
8	PROPOSED DETENTION BASIN WILL SERVE AS SEDIMENT BASIN. PLACEMENT OF ROCK AND UNDERDRAIN WILL BE PLACED AFTER SITE HAS BEEN SEED/MULCHED AND/OR SODDED. ALL SILT/SEDIMENT AND DEBRIS WILL BE REMOVED PRIOR TO FINAL CONSTRUCTION OF ROCK, UNDERDRAIN AND CONTROL OUTLET.		

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JRA architects
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Lexington, Kentucky 40509
859.252.6781

STATE OF KENTUCKY
KEVIN L WARNER
533
REGISTERED LANDSCAPE ARCHITECT
10/19/22

RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
URBAN PLANNING
CIVIL ENGINEERING

CONSTRUCTION DOCUMENTS

UK INDOOR TRACKFACILITY
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

CIVIL

PROJECT	202258
DATE	10/25/2022

REVISIONS

No.	Description	Date

EROSION CONTROL PLAN

C-303

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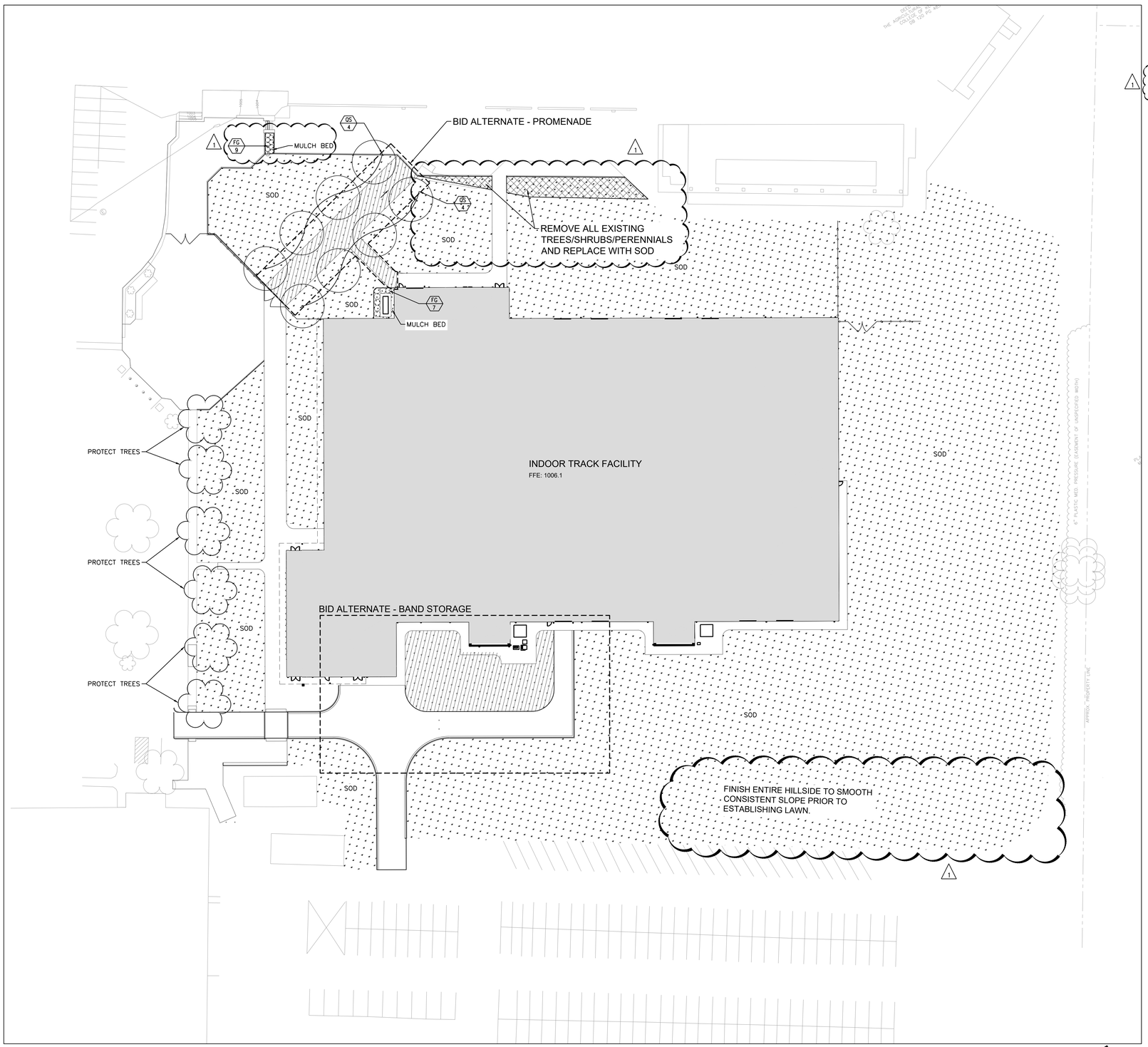


LANDSCAPE PLAN

SCALE: 1" = 30'

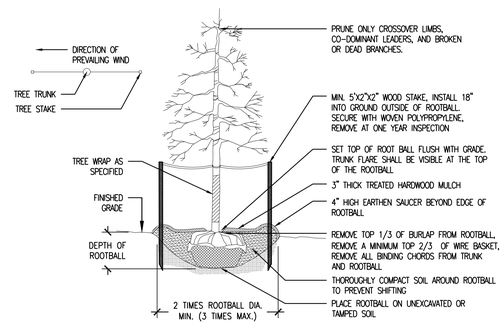
0 15 30 60

PLANTING SCHEDULE

#	KEY	BOTANICAL NAME / COMMON NAME		SPECIFICATIONS / COMMENTS
TREES				
8	QS	Quercus shumardii SHUMARD OAK	BID ALT.	2.5" Cal., B&B, with 6' clear trunk specimen trees only
SHRUB				
16	FG	Fothergilla gardenii 'Mt. Airy' Mt. Airy Fothergilla		#5 container

GRAPHIC LEGEND

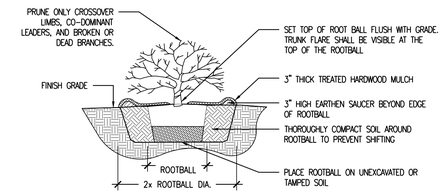
- NEW BUILDING AND SITE WALLS
- SOD – ALL DISTURBED AREAS SHOWN OR NOT SHOWN
- SOD – IF BID ALTERNATE NOT ACCEPTED, INCLUDE SOD IN BASE BID FOR THESE AREAS
- MULCH



NOTE: ANY SERIES OF TREES PLACED IN A PARTICULAR ARRANGEMENT MAY BE FIELD CHECKED FOR ACCURACY. ANY TREES MISPLACED ARE SUBJECT TO REJECTION.

A TREE PLANTING

SCALE: 1" = 1'-0"



B SHRUB PLANTING

SCALE: 1" = 1'-0"

JRA architects
3225 Summit Square Place, Suite 200
Lexington, Kentucky 40509
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KEVIN L WARNER 533 REGISTERED LANDSCAPE ARCHITECT
10/24/22
RESERVED FOR AHJ STAMP

CARMAN
LANDSCAPE ARCHITECTURE
URBAN PLANNING
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UK INDOOR TRACKFACILITY
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

CIVIL

PROJECT	202258
DATE	10/25/2022

REVISIONS

No.	Description	Date
1	REVISED LANDSCAPE	11/18/2022

LANDSCAPE PLAN

C-401

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THE CONTRACTOR SHALL ESTABLISH LOCATION OF ALL UNDERGROUND UTILITY LINES, TANKS, VAULTS, ETC. PRIOR TO CONSTRUCTION THROUGH B.U.D. OR BY A PRIVATE, 3RD PARTY UTILITY LOCATE COMPANY AND SHALL BE RESPONSIBLE FOR DAMAGES AS A RESULT.

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LEGEND

- CONTOUR MAJOR POST DEMO
- CONTOUR MINOR POST DEMO
- FENCE
- SILT FENCE

N

KY SPCS, GRID NORTH

0 30 60 90

GRAPHIC SCALE

UK Cliff Hagan Stadium Post Demolition Survey

Nov. 18, 2022