BID #24-05 ATH Fields Sprinkler and Drainage Addendum Two

Released 11/27/2024

This fifteen (15) page addendum forms a part of the bid Documents. It modifies the original bid documents as posted on the RVC website. The acknowledgement receipt of this addendum as specified is at the end of this document and must be included with submittal. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISOUALIFICATION.

ADDENDUM: Addendum Two addresses questions received, the pre-bid meeting agenda, and prebid meeting attendance.

Questions Received

- 1. Construction Schedule:
 - a. Start of Construction June 2, 2024
 - b. Completion of Construction:
 - i. Baseball and Softball Fields: Spring, 2026
 - ii. Soccer Game and Practice Fields (Seeded): Fall, 2026 or Fall, 2025 if sodded.
 - c. More clearly defined completion dates.
 - i. Baseball and Softball Fields (Sodded): Construction Complete by October 3, 2025 – For play beginning in Spring 2026
 - ii. Soccer Fields (Top-Dressed/Seeded): Construction Complete by October 3, 2025 – For play beginning in Fall 2026
 - iii. Soccer Fields (If sodded): Construction Complete by August 29, 2025 For play during remainder of Fall 2025 Season
- 2. After some internal discussion, we also recommend adding an addendum item for overseeding the soccer fields in the spring of 2026 to address any bare spots.
 - a. Section 029200 "Lawns and Grasses", Article 3.6 (D) of the Specifications shall be revised to:
 - b. "Contractor shall maintain the top-dressed surface of the soccer fields and shall in the Spring of 2026:
 - c. Overseed and fertilize using $\frac{1}{2}$ of rates originally applied.
 - d. Resod areas where stand of turf is inadequate as determined by the Engineer."
- 3. Infield Surface Restoration:
 - a. Infield Surface restoration shall consist of a 4" thick placement and compaction of DuraEdge Classic Infield Mix

and a 1/8" to 1/4" thickness of Turface Elite Championship Brown top dressing, as shown on revised plan sheets C9 and C10.

- 4. Cleanout Detail: Cleanout Detail No. 6 on Sheet C14 has been revised to require Timewell 12" x 6" Cleanouts with solid lids.
- 5. Is there an anticipated start / end date for this project?
 - Desired start is as soon as possible. Anticipated end date is –follow up on this.
- 6. The infield surface for the softball field, (Plans C10) is calling for 4" of Turface Championship Brown as the infield material. This product is not an infield base material and should be installed at 4" depth. <u>Would you consider DuraEdge Classic Infield Mix for the 4"</u> <u>depth material on the softball field?</u> Attached are the specifications. I also have the ProSlide Pro Brown Topdressing and Premium Mound Clay as well to be considered for this project.



7. *Installing Turface Elite Champion Brown at a 4" depth will be a very loose and unstable surface. There will be little to no footing and very inconsistent ball bounce leading to a very unsafe surface. The material will break down overtime and after 1-2 years of play a low infield surface and lips around all the edges from the material migrating and moving. This material is meant to be a topdressing product that is placed at most ¼" depth on top as a "Topdressing" – Cut sheet below.

8.



- 9. Infield is that currently a baseball mix sand?
 - $\circ~$ Per Janet, yes. Per IMEG Turfus Elite noted in the plans.
- 10. Is there a unique distributor for Turfus Elite?
 - Yes. Faux brothers are distributor for infield mix
- 11. Are you changing grades in any areas?
 - No per IMEG we are not re-grading.
- 12. Can we get a copy of the plan holders list? This would facilitate getting sub-contractor numbers for the project bidding.
- 13. The irrigation plans show in the legend that SDR-15 HDPE Pipe is to be used for the lateral piping. The written specifications, 328400 Page 9, section 2.3 Mainline Pipe, Lateral piping and Fittings, Paragraph A 2. Says to use Class 200, PVC SDR-21 pipe, rated at 200 psi. Also, Paragraph 10 states that all Lateral pipe shall be glued.

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Pre-bid meeting agenda

Agenda

Tuesday – November 12, 2024 @ 11:00 AM Non-Mandatory Pre-Bid Meeting

1. Welcome / Introductions – RVC BSE

- a. OPN as architect of record
- b. Rock Valley College
- c. Attendees (attendance record)

2. Project Overview - OPN

3. Submittal Requirements – RVC BSE

- a. Checklist is in bid documents
 - i. Two hard copies of entire bid submittal
 - ii. One digital device such as a USB or flash drive containing entire bid submittal
 - iii. Pages 10 through 16 which include
 - 1. Specifications and Instructions
 - 2. Completed BEP Utilization form (all 3 pages)
 - 3. Signed Vendor Information Page
 - 4. References
 - iv. Bid Form Section 00-41-13, 3 pages
 - v. Bid Bond AIA A310 per Section 00-43-13
 - vi. Acknowledgement of any and all Addenda that are released pertaining to the Bid
 - vii. Proof of participation in an apprenticeship program approved by and registered with the United States Department of Labor's Office of Apprenticeship and Training
 - viii. A signed copy of the bidder's W-9
 - ix. If applicable, documentation demonstrating BEP certification or partner certification.

4. Bid Schedule

- a. Bid Due Date: Monday December 16, 2024 @ 1:00 PM (as revised in Addendum One)
- b. Bids must be sealed and delivered to:
 - Ms. Karen Kerr Director of Business Services Business Services, SSB 2205 Rock Valley College 3301 N. Mulford Rd Rockford, IL 61114-5699
 - All submittals must include the BEP utilization forms
 - Brief overview of the College's BEP goals
 - All envelopes to be plainly marked with Bidder's name, address, and the following notation: Bid #24-05: ATH Fields Sprinkler and Drainage
 - Emailed or faxed submittals will not be accepted.

Questions Received to-date - BSE lead. OPN and POM to answer.

- **c.** Is there an anticipated start / end date for this project? **i.**
- d. The infield surface for the softball field, (Plans C10) is calling for 4" of Turface Championship Brown as the infield material. This product is not an infield base material and should be installed at 4" depth. <u>Would you consider DuraEdge Classic Infield Mix for the 4"</u> <u>depth material on the softball field?</u> Attached are the specifications. I also have the ProSlide Pro Brown Topdressing and Premium Mound Clay as well to be considered for this project.



- e. *Installing Turface Elite Champion Brown at a 4" depth will be a very loose and unstable surface. There will be little to no footing and very inconsistent ball bounce leading to a very unsafe surface. The material will break down overtime and after 1-2 years of play a low infield surface and lips around all the edges from the material migrating and moving. This material is meant to be a topdressing product that is placed at most ¼" depth on top as a "Topdressing" Cut sheet below.
 - i.



5. New Questions

a.

- 6. Closing BSE
 - a. Plan is to take this to January 2025 Board for a final decision.
 i. 1/28/2025
 - b. All vendors who submit will receive a letter after the decision.

Pre-bid Meeting Attendance

Name	Organization/Company
Mark Rice	IMEG
Nolan Schlie	Stenstrom
Janet Taylor	RVC
Brisa Cardenas	RVC
Vicki Brust	RVC
Phil Fanara	RVC
Brett Rottinghaus	OPN
Cody Goedken	OPN

Rock Valley College

BID # 24-05: ATH Fields Sprinkler and Drainage

Please acknowledge receipt of this addendum by including this page with your submittal. Include your company name, address, printed name, title and signature in your acknowledgement below. Failure to do so could result in disqualification of your bid.

I acknowledge receipt of Addendum # 2

Company Name		
Street Address		City & State
Signature	Date	
Printed Name & Title		
Telephone Number	FAX Number	
Addendum Two Initials		
Issued by: Karen Kerr Director of Business Services Rock Valley College 3301 N Mulford Road Rockford IL 61114		

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY: INCLUDING:

"JULIE" 800-892-0123

72 HOURS PRIOR TO BEGINNING ANY CONSTRUCTION. UTILITY COMPANIES WILL ESTABLISH, ON THE GROUND, THE LOCATION OF UNDERGROUND PIPES, MAINS, CONDUITS OR CABLES ADJOINING OR CROSSING PROPOSED CONSTRUCTION.

- 2. CONTRACTOR SHALL NOTIFY THE MUNICIPALITY AND THE ENGINEER A MINIMUM OF 24 HOURS IN ADVANCE OF PERFORMING ANY WORK. RENOTIFICATION SHALL BE REQUIRED IF ANY PHASE OF WORK IS SUSPENDED FOR MORE THAN TWO (2) DAYS.
- 3. THE FOLLOWING CODES AND STANDARDS, AS APPLICABLE, SHALL GOVERN CONSTRUCTION UNDER THIS CONTRACT:
 - A. THE STANDARDS AND REQUIREMENTS OF ROCK VALLEY COLLEGE.
 - B. STATE OF ILLINOIS, DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", AND THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE HIGHWAY STANDARDS.
 - C. "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO, HEREINAFTER REFERRED TO AS THE STANDARD SPECIFICATIONS.
 - D. "STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS", LATEST EDITION AND ALL SUBSEQUENT REVISIONS THERETO.
 - E. THESE "GENERAL NOTES".
 - F. ILLINOIS URBAN MANUAL
 - G. CITY OF ROCKFORD CODE OF ORDINANCES.
- 4. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", STATE OF ILLINOIS, AND SECTION 107.14 OF THE HIGHWAY STANDARDS. BARRICADES AND OTHER REQUIRED TRAFFIC CONTROL SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, UNLESS OTHERWISE SPECIFIED.
- 5. UTILITIES SHOWN IN THE PLANS ARE FOR THE CONTRACTOR'S CONVENIENCE AND ARE APPROXIMATE ONLY. THE UTILITIES ARE LOCATED FROM THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL TYPES, SIZES AND LOCATIONS OF EXISTING UTILITIES. CAUTION: THERE MAY BE OVERHEAD AND BURIED POWER LINES WHICH COULD POSSIBLY INTERFERE OR BE A SAFETY HAZARD WITH EQUIPMENT OPERATIONS.
- PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL HAVE IN HIS POSSESSION ALL REQUIRED PERMITS FOR THE CONSTRUCTION OF THIS PROJECT AS NECESSARY (E.G., CITY OF ROCKFORD, ILLINOIS ENVIRONMENTAL PROTECTION AGENCY, PUBLIC UTILITY COMPANIES, ETC.). THESE PERMITS WILL BE OBTAINED AS SPECIFIED IN THE "SPECIAL PROVISIONS".
- 7. WHEN LOOSE MATERIAL IS DEPOSITED IN DITCHES OR GUTTERS, IT SHALL BE REMOVED BEFORE THE END OF EACH WORKING DAY. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESTORE ALL FEATURES DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL STATE, OR BETTER. THIS INCLUDES BUT IS NOT LIMITED TO LAWN/GRASS AREAS, LANDSCAPED AREAS, ASPHALT PATHS AND PAVEMENTS, CONCRETE SIDEWALKS AND CONCRETE CURB & GUTTER. ALL RESTORATION WORK REQUIRED BEYOND THE SCOPE OF THE PLANS AND SPECIFICATIONS SHALL BE DONE AT THE CONTRACTOR'S EXPENSE UNLESS WORK WAS DONE AT THE DIRECTION OF THE OWNER OR ENGINEER AND COMPENSATION WAS AGREED UPON PRIOR TO EXECUTION OF WORK.
- 9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL NECESSARY PAVEMENT OPENINGS AND CONSTRUCTION DEBRIS LEFT IN THE PUBLIC RIGHT-OF-WAY WITH LIGHTED DEVICES. THE CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS TO PEDESTRIANS AND MOTORISTS. REMOVAL OF ANY SUCH TEMPORARY HAZARDS SHALL BE DONE AS SOON AS POSSIBLE. CONTRACTOR SHALL MAINTAIN HIGH VISIBILITY OF ALL TEMPORARY HAZARDS SHALL BE DONE AS SOON AS POSSIBLE
- 10. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS THAT WILL BE ADJUSTED OR RECONSTRUCTED, SHALL BE CLEANED TO THE SATISFACTION OF THE ENGINEER. ALL COSTS ASSOCIATED WITH THIS SHALL BE INCLUDED IN THE APPLICABLE UNIT PRICES.
- 11. THE GRADING AND CONSTRUCTION OF PROPOSED IMPROVEMENTS SHALL NOT CAUSE PONDING OF STORM WATER. GRADING SHALL BE DONE TO ALLOW POSITIVE DRAINAGE. "DITCH CHECKS" AND/OR SILT FENCES, UNLESS OTHERWISE SPECIFIED, SHALL BE INSTALLED, IF NECESSARY, TO PREVENT EROSION. COST OF THIS WORK SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 12. UTILITY SERVICES TO RESIDENTS OR BUSINESSES WHICH ARE INTERRUPTED BY CONSTRUCTION SHALL BE RESTORED AT THE EXPENSE OF THE CONTRACTOR SO THAT NO SERVICE IS INTERRUPTED FOR MORE THAN FOUR (4) HOURS. IF TEMPORARY SERVICE IS REQUIRED, THE EXPENSE FOR SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 13. THE EDGES OF ALL IMPROVED SURFACES WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE SAW CUT PRIOR TO RESTORATION. ANY SAW CUTTING OF PAVEMENT PATCHES, BUTT JOINTS, CONCRETE CURBS, SIDEWALKS, OR ANY OTHER AREAS NECESSARY TO COMPLETE THIS PROJECT WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, UNLESS OTHERWISE SPECIFIED.
- 4. MANHOLE RIM ELEVATIONS ARE PROVIDED TO ASSIST THE CONTRACTOR IN ORDERING MATERIALS. THESE ELEVATIONS ARE FOR INFORMATION

ONLY, AND FINAL ADJUSTMENT OF STRUCTURES TO MEET SITE CONDITIONS WILL BE NECESSARY. NO PAYMENT WILL BE MADE FOR FINAL ADJUSTMENT OF STRUCTURES, AND THE COST THEREOF SHALL BE INCIDENTAL TO AND INCLUDED IN THE CONTRACT UNIT PRICE FOR SAID STRUCTURE.

- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ALL STREETS USED BY THE CONTRACTOR, SUB-CONTRACTORS, AND SUPPLIERS CLEAN AND FREE OF ALL DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS, AND WILL BE REQUIRED TO CLEAN THEM AS IS NECESSARY IN ORDER TO MAINTAIN THEM IN A SAFE, DRIVEABLE CONDITION. THE CONTRACTOR SHALL BE ESPECIALLY RESPONSIVE TO REQUESTS FROM THE ENGINEER, ENGINEER'S REPRESENTATIVE, DIRECTOR OF PUBLIC WORKS, SUPERINTENDENT OF STREETS, POLICE AND FIRE DEPARTMENTS, OR ANY OFFICIAL OF THE OWNER TO PRACTICE GOOD HOUSEKEEPING THROUGHOUT THE DURATION OF THIS PROJECT. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION, UNLESS OTHERWISE SPECIFIED.
- 16. ALL DISTURBED AREAS OUTSIDE OF THE ATHLETIC FIELDS SHALL RECEIVE A 4" PLACEMENT OF TOPSOIL AND SHALL BE SEEDED, FERTILIZED AND MULCHED PER SECTION 02 92 00 OF THE SITEWORK SPECIFICATIONS.

<u>TOPDRESSING - SOCCER FIELDS</u>

- SCOPE TO FOLLOW THE APPLICABLE REQUIREMENTS BUT NOT LIMITED TO OF ASTM F2396-11 SPECIFICATIONS:
- 1. MOW THE EXISTING AREA OF WORK BEFORE WORK COMMENCES.
- 2. MARK ANY UTILITIES IN THE AREA OF WORK WITH FLAGGING.
- 3. USE A ROLLER TYPICALLY RANGING FROM 300-2000 POUND. THE WEIGHT OF THE ROLLER SHALL DEPEND ON THE SPECIFIC SITUATION AND WILL VARY FROM FIELD TO FIELD.
- 3.A. CONTRACTOR TO WORK WITH CARE WITH ROLLER TO AVOID PROBLEMS SUCH AS RUT UP, CRUSHING DRAIN LINES AND OVER COMPACTING THE FIELD.
- 4. ROLL HEAVY TRAFFIC AREAS OR UNEVEN SURFACES. ROLLING WILL DEPEND ON THE SPECIFIC SITUATION AND WILL VARY FROM FIELD TO FIELD. ROLLING SHALL BE DONE IN 2 DIRECTIONS.
- 5. CORE AERATE IN THE AREA OF WORK IN 4 DIFFERENT DIRECTIONS.
- 6. ALLOW FOR CORES TO DRY ON THE SURFACE.
- 7. THE TOPDRESSING MATERIAL SHOULD BE TRANSPORTED TO THE SITE AND DUMPED AROUND THE PERIMETER OF THE SITE. SPREAD THE MATERIAL WORKING FROM THE PERIMETER INWARD TOWARD THE CENTER OF THE FIELD. CONTRACTOR SHALL PERFORM WORK WITH CARE SUCH TO AVOID RUTTING OF THE SURFACE, OR OVER COMPACTION OF THE MATERIAL.
- 7.A. UNDER NO CIRCUMSTANCES SHOULD TRUCKS OR OTHER EQUIPMENT BE ALLOWED TO TRAVEL OVER SURFACE. ONCE THE DELIVERY OF THE MATERIAL IS COMPLETED, THE FIELD MAY BE SHAPED, ROUGH-GRADED, AND COMPACTED AS SPECIFIED.
- 8. SPREAD TOPDRESSING SOIL IN LIFTS FROM 1/4 TO 1/2 OF AN INCH. ALLOW FOR THE TOPDRESSING TO FIND ITS WAY INTO LOWER AREAS.
- 9. HEAVIER APPLICATION OF TOPDRESSING MAY BE REQUIRED IN AREAS WITH UNEVEN SURFACES AND LOW SPOTS. REFER TO SHEETS C5 AND C6 FOR LIMITS OF TOPDRESSING.
- 10. GRADES SHALL BE CORRECT, CERTIFIED, AND APPROVED BY THE OWNER OR PROJECT DESIGNER, OR BOTH, PRIOR TO PROCEEDING TO THE NEXT PHASE OF CONSTRUCTION.
- 11. ONCE THE TOPSOIL MATERIAL HAS BEEN INSTALLED AND ROUGH GRADED, THE FIELD SHOULD BE GRADED TO FINAL (FINISH) GRADE AND CONTOUR.
- 12. DURING THE FINISH GRADE OPERATION, COMPACTION SHOULD BE ACHIEVED BY IRRIGATING AND ROLLING THE SURFACE UTILIZING A LIGHTWEIGHT ROLLER (LESS THAN 2 TONS) WITH AT LEAST TWO PASSES IN PERPENDICULAR DIRECTIONS.
- 13. PRE-PLANT OPERATIONS MAY INCLUDE THE USE OF PRE-PLANT FERTILIZER. APPLICATIONS CAN BE MADE THAT WILL BE SPREAD ACROSS THE FIELD OR SPRAYED ACROSS THE FIELD. ONCE THE FERTILIZER IS APPLIED, IT MAY BE DESIRABLE TO LIGHTLY IRRIGATE OR "WATER IN" THE APPLIED MATERIALS. ANY PRE-PLANT OPERATIONS MUST BE PREFORMED WITH CARE TO AVOID RUTTING OR DISRUPTION OF THE FINAL GRADE IN ANY MANNER. ONLY LIGHTWEIGHT OR WALK-BEHIND EQUIPMENT IS ADVISABLE.
- 14. SEEDING SHALL CONFORM TO SECTION 250 OF THE HIGHWAY STANDARDS AND CAN BE SPREAD OR PLANTED MECHANICALLY OR BY THE USE OF HYDROSEEDING. ANY MECHANICAL EQUIPMENT SHALL BE OUTFITTED SUCH TO AVOID DISRUPTION OF FINISHED GRADE. HYDROSEEDING MATERIAL CAN BE APPLIED BY THE USE OF A HOSE.

BASEBALL/SOFTBALL FIELDS SODDING

- 1. SOD TO BE INSTALLED ON THE BASEBALL AND SOFTBALL FIELDS SHALL BE 36" BIG ROLL SOD, 5/8" THICKNESS \pm 1/4 INCH.
- 2. MATERIALS, INSTALLATION AND MAINTENANCE OF THE BASEBALL AND SOFTBALL FIELDS TO BE SODDED SHALL MEET THE REQUIREMENTS OF SPECIFICATION SECTION 02 92 00 "LAWNS AND GRASSES".
- 3. SEED SELECTION AND SOD COLOR TO BE DETERMINED BY ROCK VALLEY COLLEGE. SEED MIX SHALL BE BASED ON PROPOSED MOWING HEIGHT.
- 4. SOD MUST BE GROWN ON UPLAND SOILS, SOD GROWN IN PEAT WILL NOT BE ACCEPTABLE.
- 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS THAT SHOW THE SEED MIX/SOD COLOR FOR REVIEW BY THE ENGINEER AND ROCK VALLEY COLLEGE.

INFIELD/WARNING_TRACK

I. AFTER COMPLETION OF THE IRRIGATION AND SUBDRAINAGE SYSTEMS, THE INFIELD SHALL BE REMOVED AND REPLACED WITH A 4" THICKNESS OF DURA EDGE CLASSIC INFIELD MIX AND A 1/8" TO 1/4" TOPDRESSING OF TURFACE ELITE CHAMPIONSHIP BROWN, BOTH PRODUCTS ARE AVAILABLE FROM REINDERS.

2. REPLACEMENT OF WARNING TRACK MATERIAL AND AREAS ALONG THE FIRST AND THIRD BASE LINES IN THE SOFTBALL FIELD SHALL BE WITH "TRAIL BLAZE WARNING TRACK STONE", WHICH CAN BE PURCHASED THROUGH FAULKS BROS/WAUPACA SAND AND SOLUTIONS.

SOIL EROSION AND SEDIMENT CONTROL J. IF DE-WATERING DEVICES ARE USED, ADJOINING PROPERTIES AND DISCHARG LOCATIONS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION. NOTES DISCHARGES SHALL BE ROUTED THROUGH AN APPROVED ANIONIC POLYMER DE-WATERING SYSTEM OR A SIMILAR MEASURE. DE-WATERING SYSTEMS SHO BE INSPECTED DAILY DURING OPERATIONAL PERIODS. AN APPROVED A. SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE REPRESENTATIVE, MUST BE PRESENT AT THE COMMENCEMENT OF DE-WATER COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF ATHLETIC FIELD AREAS. ACTIVITIES. B. FOR THOSE DEVELOPMENTS THAT REQUIRE AN INSPECTOR, INSPECTIONS AND K. IF INSTALLED SOIL EROSION AND SEDIMENT CONTROL MEASURES DO NOT MIN DOCUMENTATION SHALL BE PERFORMED, AT A MINIMUM: SEDIMENT LEAVING THE DEVELOPMENT SITE, ADDITIONAL MEASURES SUCH A UPON COMPLETION OF SEDIMENT AND RUNOFF CONTROL MEASURES (INCLUDING ANIONIC POLYMER OR FILTRATION SYSTEMS MAY BE REQUIRED PERIMETER CONTROLS AND DIVERSIONS), PRIOR TO PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE AFTER EVERY SEVEN (7) CALENDAR DAYS OR STORM EVENT WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT PRECIPITATION. MAINTAINED AND REPAIRED AS NEEDED. THE PROPERTY OWNER SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR. C. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE М ALL TEMPORARY SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN IN PHASES, THE PERMITTEE SHALL PLAN FOR APPROPRIATE SOIL EROSION AND DAYSAFTER FINAL STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY SEDIMENT CONTROL MEASURES. MEASURES ARENO LONGER NEEDED. N. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIM D. A STABILIZED MAT OF CRUSHED STONE MEETING IDOT GRADATION CA-1 UNDERLAIN WITH FILTER FABRIC AND IN ACCORDANCE WITH THE ILLINOIS URBAN REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECTED BY ENGINEER, OR OTHER GOVERNING AGENCY. MANUAL, OR OTHER APPROPRIATE MEAURE(S) AS APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC MATERIAL SPECIFICATIONS WILL BE ENTERING OR LEAVING A CONSTRUCTION SITE. SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY, STREET, ALLEY OR PARKING AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUMULATIONS WARRANT AND TRANSPORTED TO A CONTROLLED SEDIMENT STORM SEWER DISPOSAL AREA. PVC PIPE TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO DIRECT POLYVINYL CHLORIDE (PVC) SEWER PIPE SHALL CONFORM TO ASTM ALL RUNOFF FROM HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE D-3034, TYPE PSM, FOR SIZES FOUR (4) THROUGH FIFTEEN (15) INCHES, SEDIMENT TRAP OR BASIN. AND ASTM F679 FOR SIZES EIGHTEEN (18) THROUGH THIRTY-SIX (36) F. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT INCHES, HAVING AN SDR OF 35, AND WITH ELASTOMERIC GASKET JOINTS MEASURES WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE END OF ACTIVE CONFORMING TO ASTM D-3212 AND ASTM F-477. HYDROLOGIC DISTURBANCE OR RE-DISTURBANCE. G. ALL STOCKPILES SHALL HAVE APPROPRIATE MEASURES TO PREVENT EROSION. PIPE SUBDRAINS STOCKPILES SHALL NOT BE PLACED IN FLOOD PRONE AREAS OR WETLANDS AND PIPE FOR PIPE SUBDRAINS SHALL BE "MAXFLO AE" DUAL WALL DESIGNATED BUFFERS. PERFORATED CORRUGATED POLYETHYLENE PIPE MANUFACTURED BY "TIMEWELL DRAINAGE PRODUCTS", MEETING REQUIREMENTS OF AASHTO H. SLOPES STEEPER THAN 3H:1V SHALL BE STABILIZED WITH APPROPRIATE M-294 WITH BELL & SPIGOT MEETING ASTM F-477. THE PIPE SHALL BE MEASURES WRAPPED WITH A GEOTEXTILE FABRIC. I. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRUCTION SITE RESTORATION SHALL BE PROTECTED BY AN APPROPRIATE SEDIMENT CONTROL MEASURE. ALL DISTURBED AREAS SHALL BE RESTORED AS FOLLOWS: TOPSOIL PLACEMENT, 4", CONFORMING TO SECTION 211 OF THE HIGHWAY STANDARDS. SODDING, CONFORMING TO SECTION 252 OF THE HIGHWAY STANDARDS PROTECT LOCATIONS AND THE NOTES ON THIS SHEET. TOPDRESSING CONFORMING TO THE NOTES ON THIS SHEET. C) SOCCER SOCCER PRACTICE FIFID FIFI D



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POINT #	NORTHING	EASTING	DESCRIPTION
25	2057389.5980	2613174.6630	5/8" REBAR W/ YELLOW CAP
26	2057298.4800	2612840.2470	5/8" REBAR W/ YELLOW CAP
27	2057856.8460	2613512.2330	5/8" REBAR W/ YELLOW CAP
28	2057782.9870	2612821.9720	5/8" REBAR W/ YELLOW CAP
29	2058156.3500	2612755.7590	5/8" REBAR W/ YELLOW CAP
30	2058167.8990	2613284.0430	5/8" REBAR W/ YELLOW CAP

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IMEG Project No:

File Name:

24001581-NOTES.dwg

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Field Book No: 361

Checked By: MRR

Drawn By: TSG

Date: 11/6/2024

Sheet 2 of 17

24001581.00

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	VERTICAL CONTROL	
	DESCRIPTION	ELEVATION
BM-425	BOLT IN WORD "MUELLER" ON FIRE HYDRANT, FIRST HYDRANT NORTH OF CENTER FOR SCIENCE AND MATH BUILDING.	891.06
BM-426	BOLT IN WORD "MUELLER" ON FIRE HYDRANT, FIRST HYDRANT NORTH OF CENTER FOR SCIENCE AND MATH BUILDING.	898.36
BM-430	BOLT IN WORD "MUELLER" ON FIRE HYDRANT, FIRST HYDRANT NORTH OF CENTER FOR SCIENCE AND MATH BUILDING.	896.83



day, November 25, 2024 9:12:24 AM 2024\24001581.00\DESIGN\CIVIL\C3D\PLOT\240015



day, November 25, 2024 9:16:37 AM 2024\24001581.00\DESIGN\CIVIL\C3D\PLOT\24001581-SGF GRA



onday, November 25, 2024 9:21:08 AM \2024\24001581.00\DESIGN\CIVIL\C3D\PLOT\24001581-SPF GRADING



nesday, November 13, 2024 11:41:23 AM 2024\24001581.00\DESIGN\CIVIL\C3D\PLOT\24001581-BASEBALL G





	Cast-in-Pla	ce Concrete	(150)					· Mater is continuou
				_				(W) Wheel Hand
							۵ ا	OPERATING ROL
								CASING: Model C Model
		GENE	RAL NO	DTES				MAX. PRESSURI
		Bottom slabs shall be re 0.20 sq. in./ft. (420 sq. r with a maximum spacing	inforced with nm/m) in both g of 12 (300)	n a minimum of h directions).				
		Bottom slabs may be co determined by the fabric single row of reinforcem may be utilized.	nnected to th ator; howeve ent around th	he riser as er, only a he perimeter				SHIPPING W Boy Depin Fil
		See Standard 602601 fo Reinforced Concrete Fla	or optional Pr at Slab Top.	recast				Meight U. 50 (Lo Weight U.201 (Lo
		All dimensions are in ind unless otherwise shown	hes (millime	eters)			- - -	
DATE	REVISIONS							
-1-11	Detailed rein. in slabs. Added max.		ЕТ - Т`	YPE B			¢.	1
	limit to height. Revised general notes.	$\left(\begin{array}{c} C14 \end{array} \right)^{-1}$						
-1-09	Switched units to English (metric).							
		STAN	DARD 6	02306-03			5 7 7	2013 WOODFORD

ALTERNATE MATERIALS FOR WALLS	T (min.)
Concrete Masonry Unit	5 (125)
Brick Masonry	8 (200)
Precast Reinforced Concrete Section	3 (75)
Cast-in-Place Concrete	6 (150)

ALTERNATE MATERIALS FOR WALLS	T (min.)
Concrete Masonry Unit	5 (125)
Brick Masonry	8 (200)
Precast Reinforced Concrete Section	3 (75)
	•

Woodford Unity Yard Hydrants are intended for impation purposes and designed for use where year round Freezeless these hydrants rugged and decendable Accidental damage and vandalism are minimized. Hydrants are available with choice of manual close lever handle or wheel handle.

C14

Cottet

<u>Saw cut</u>—

Exist/Proposed _ Subgrade

Sheeting or Shoring

24+D (MIN. 3'-0")

Initial Backfill: Crushed CA-6

Angular Backfill: Crushed CA-6

Existing/Proposed Pavement –

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PAVED

1'-0"

SUGGESTED USES: Auxiliary fire lighting filling file pond reservoirs: main shut off hydrant for imgalion systems: to connect to 3PP contractor pumps where a permanent outlet is required

Features:

- Automatic downing occurs through 1 / NP I drain hole when hydrant is shut off to prevent treezing.

- Ootlet can be located at any height above ground level. Adjust bury depth accordingly

- All working parts are removable into glothe top of the bydrant.
- * Lever handles can be easily removed to prevent

unauttorized usage

- **Specifications:** INLET: Model U150: 1'7" Brass Valve Body, FPT Model U200: 2" Brass Valve Body, FPT
- OUTLET: Model U150: 1 " FPT Galvanized Tee

Model U200: 2" FPT Galvanized Tee

HANDLES: Almag casting Lover Handle, Wheel Handle isea descriptions below)

(M) Manual closing lever handle shown on installed where value is continuously used over a period of time. nale to be operated to the full open position.

DD: To gateanized pipe uted the galvanized pipe U200_2" galvanized pipe

RE: 01500 125 051 0150M - 125 051 02000 - 425 051 0200M - 103 055 0200M - 103 055

2" 1 2 m 1 1 "

SHIPPING WER	SHL		and an and a strength					÷٩.
Bury Deptil Fth	1	21	З		5		7	
Weight UnStitution	20		26	22	32	36	39	
Meight J200 (Chs)	25	250	33	37	41	n=10	49	

Woodford





