

ADDENDUM NO. 3

**BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK**

The attention of Bidders submitting proposals for work on the Security Vestibule, Synthetic Field and Related Work at Brewster High School is called to the following Addendum to the Contract Forms and Specifications.

The items set forth herein, whether of omission, addition, substitution or clarification are to be included in and form a part of the proposal submitted. This Addendum is hereby included in and made a part of the Contract Documents, dated April 23, 2024, whether or not attached thereto. All requirements of the original project specifications and drawings shall remain in force except as amended by this addendum.

This Addendum contains changes to the requirements of the Contract Documents. Such changes shall be incorporated into the contract Documents and shall apply to the work with the same meaning and force as if they had been included in the original documents. Wherever or any portion of a drawing, the remainder of the paragraph or drawing affected shall remain in force.

The conditions of the Specifications shall govern all work described in this Addendum. Wherever the conditions of work and the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work, etc., described by the Specifications or drawings for similar items of work shall apply to the work described in this Addendum.

**FULLER AND D'ANGELO, P.C..
ARCHITECTS AND PLANNERS
45 KNOLLWOOD ROAD
ELMSFORD, NEW YORK 10523**

DATE: May 6, 2024

This Addendum consists of two (2) pages plus Sketches SK-4, SK-5, SK-6, SK-7, SK-8, SK-9, revised specification section 00 4402 Hold Harmless Agreement, specification section 33 4000 Surface Drainage Systems, revised drawing BHS C303 and revised drawing BHS C403.

THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE SPECIFICATIONS:

TABLE OF CONTENTS

ADD specification section "33 4000 Surface Drainage Systems".

SECTION 00 4402 – HOLD HARMLESS AGREEMENT

DELETE in its entirety and **ADD** revised specification section attached to this addendum.

SECTION 33 4000 – SURFACE DRAINAGE SYSTEMS

ADD specification section attached to this addendum.

THE FOLLOWING ARE MODIFICATIONS, CLARIFICATIONS, DELETIONS OR ADDITIONS TO THE DRAWINGS:

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
ADDENDUM NO. 3

BHS C202 – EXISTING CONDITIONS AND REMOVALS PLAN

ADD note to remove existing tree stumps as shown on Sketch SK-4 attached to this addendum.

BHS C303 – LAYOUT AND LANDSCAPE PLAN

ADD Lacrosse Netting at end zones as shown on revised drawing BHS C303 attached to this addendum.

BHS C403 – GRADING AND UTILITIES PLAN

ADD notes clarifying the locations of the track drains as shown on revised drawing BHS C303 attached to this addendum.

BHS C701 – DETAILS

Track Cross Section, **ADD** note as shown on Sketch SK-5 attached to this addendum.

Trench Drain Details, **ADD** note as shown on Sketch SK-6 attached to this addendum.

BHS C704 – DETAILS

ADD Lacrosse Netting details as shown on Sketches SK-7, SK-8 & SK-9 attached to this addendum.

BHS M102 – EQUIPMENT REPLACEMENT KEYPLAN & PARTIAL PLANS

REVISE note “Cutting and Patching of Existing Clg. by Mechanical Contractor” to read “Cutting and Patching of Existing Clg. by General Construction Contractor.”.

END OF ADDENDUM

The following attachments are being provided for informational purposes:

Bidder RFI Responses (In the event of a discrepancy between these responses and the contract documents, the contract documents shall prevail unless modified by addendum.)

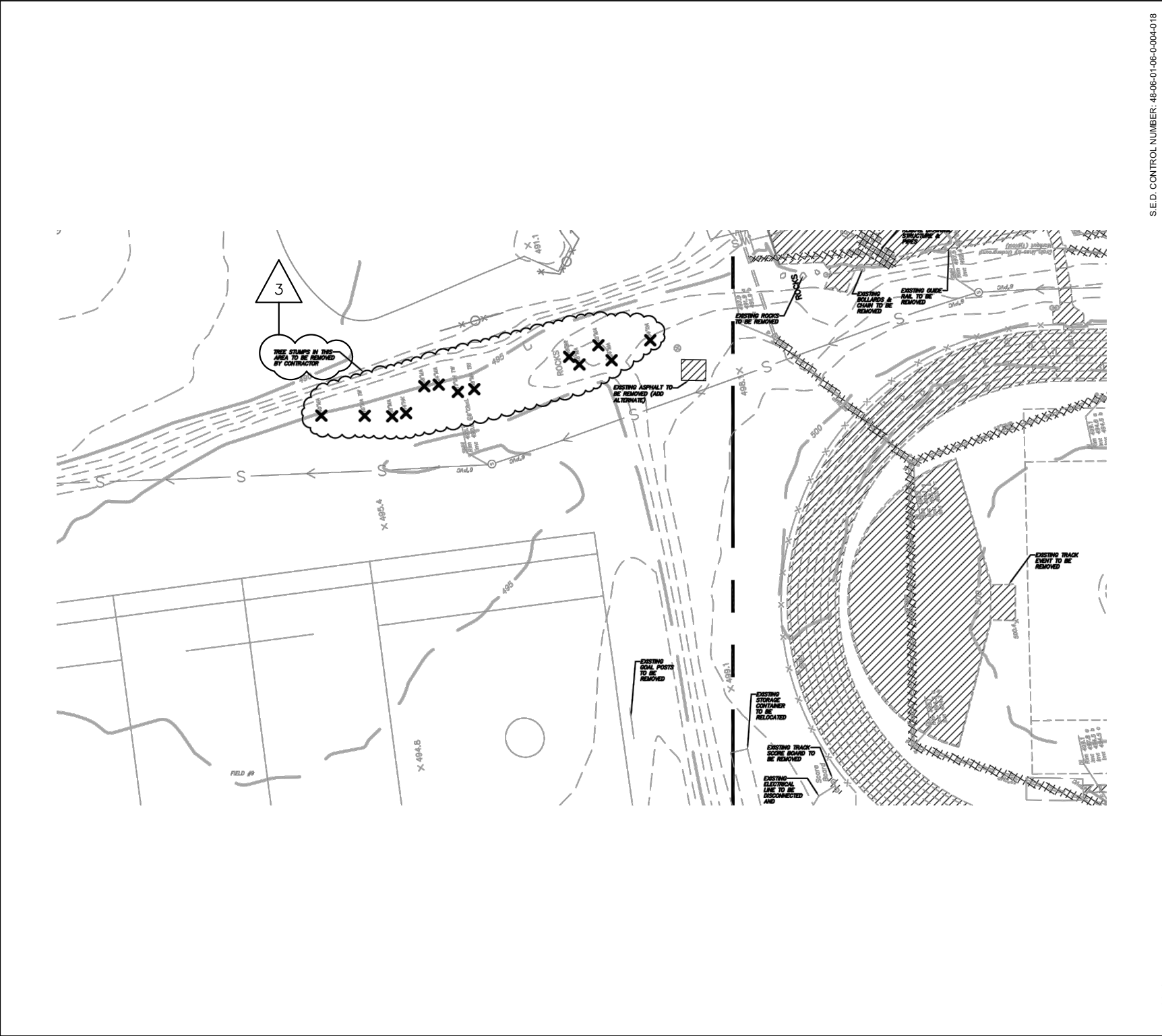
Bid RFI-#005 dated 5/3/2024 (1 page).

Bid RFI-#006 dated 5/3/2024 (1 page).

Bid RFI-#007 dated 5/3/2024 (1 page).

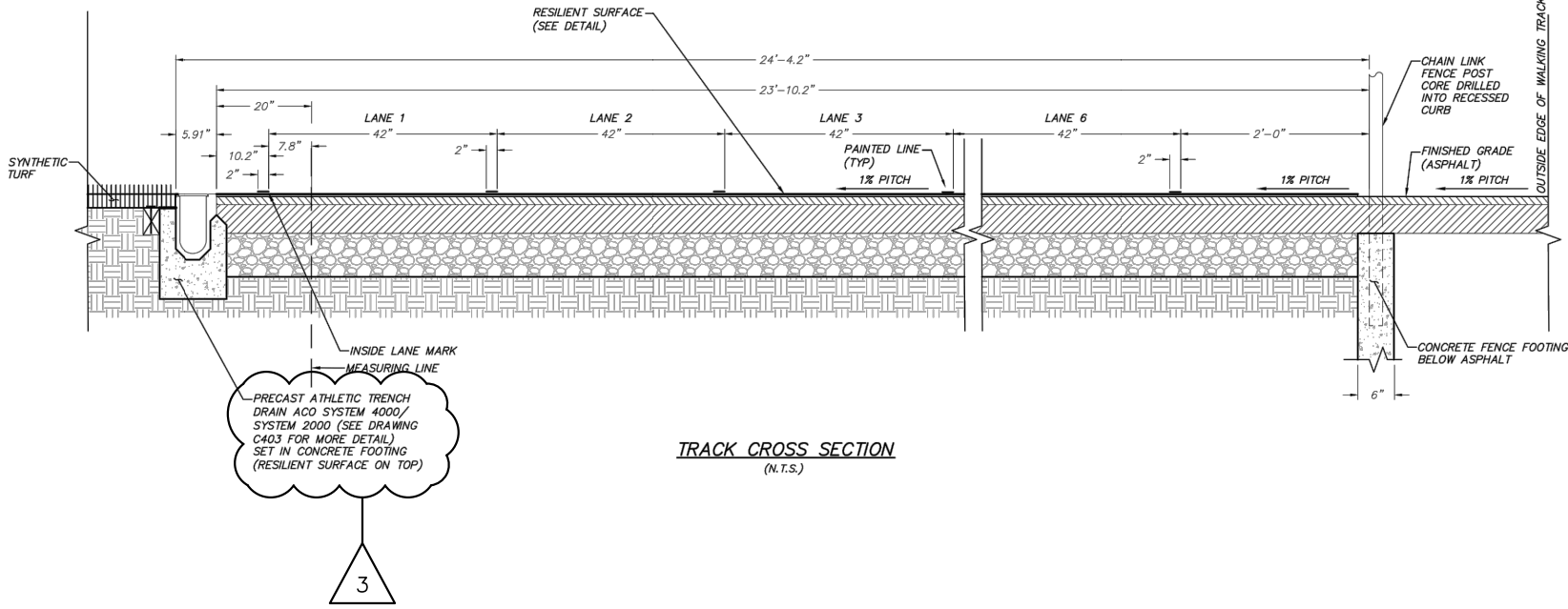
Bid RFI-#008 dated 5/6/2024 (1 page).

Bid RFI-#009 dated 5/6/2024 (1 page).



S.E.D. CONTROL NUMBER: 48-06-01-06-0-004-018

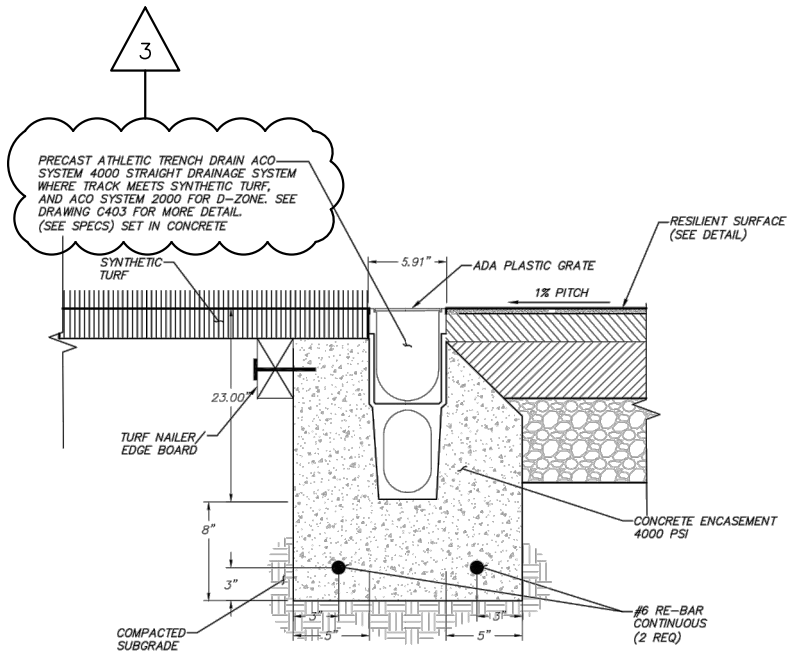
<div><div>FULLER D'ANGELO P.C.</div><div>48 KNOWLEDGE ROAD ELMFIELD NEW YORK 10829 TEL 914.398.4444 WWW.FULLERDANGELO.COM Copyright 2024 All Rights Reserved by FULLER & D'ANGELO P.C.</div></div>	<p>NOTE: ALL INFORMATION ON ORIGINAL CONTRACT DOCUMENT SHALL PERTAIN UNLESS SPECIFICALLY CHANGED BY THIS DRAWING.</p>	JOB NAME: BREWSTER CENTRAL SCHOOL DISTRICT BREWSTER HIGH SCHOOL SECURITY VESTIBULE, SYNTHETIC FIELD & RELATED WORK 50 FOGGINTOWN ROAD BREWSTER, NY 10509				
		DRAWING TITLE: SITE DETAIL {REF: C202}				
		05-06-2024	BID ADDENDUM #3			
		DATE	ISSUED TO			
		SCALE:			AS NOTED	
		FILE NO.			DRAWING NO.	
		23505.01			SK-4	



TRACK CROSS SECTION
(N.T.S.)

S.E.D. CONTROL NUMBER: 48-06-01-06-0-004-018

F U L L E R D ' A N G E L O P . C .		NOTE: ALL INFORMATION ON ORIGINAL CONTRACT DOCUMENT SHALL PERTAIN UNLESS SPECIFICALLY CHANGED BY THIS DRAWING.		JOB NAME: BREWSTER CENTRAL SCHOOL DISTRICT BREWSTER HIGH SCHOOL SECURITY VESTIBULE, SYNTHETIC FIELD & RELATED WORK 50 FOGGINTOWN ROAD BREWSTER, NY 10509	
A R C H I T E C T S P L A N N E R S				DRAWING TITLE: SITE DETAIL {REF: C701}	
48 KNOWLEDGE ROAD TEL 914.398.4444 WWW.FULLERDANGELO.COM Copyright 2024. All Rights Reserved by FULLER & D'ANGELO P.C.		ELMSFORD NEW YORK 10523 PAX 914.398.1717		SCALE: AS NOTED	
				FILE NO. 23505.01	
				DRAWING NO. SK-5	

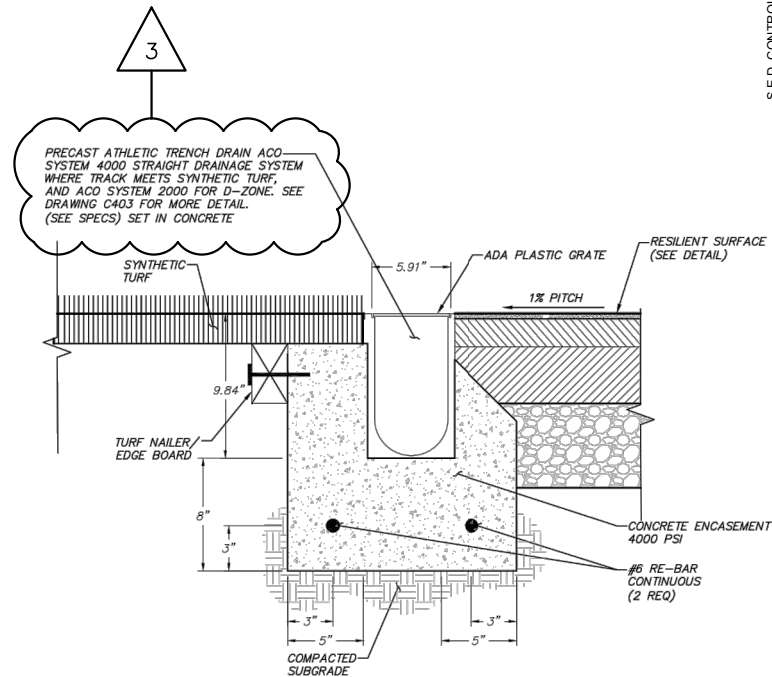


NOTES: TURF NAILER / EDGE BOARD

NOTES: GENERAL

1. ALL RE-BAR TO BE EPOXY COATED (TYP).
2. INFILL TO ALIGN WITH TRACK/SLOT DRAIN SURFACE.
3. TURF NAILER SHALL BE 2" X 4", 100% HIGH DENSITY POLYETHYLENE WITH FIBERGLASS REINFORCEMENT.
4. TAPCON OR RAMSET NAILER TO CONCRETE CURBS EVERY 24" O.C.
5. TURF SHALL BE STAPLED OR FASTENED EVERY 8" O.C. TO NAILER, TO MANUFACTURER STANDARDS

TRACK ATHLETIC TRENCH DRAIN CATCH BASIN
(N.T.S.)



NOTES: TURF NAILER / EDGE BOARD

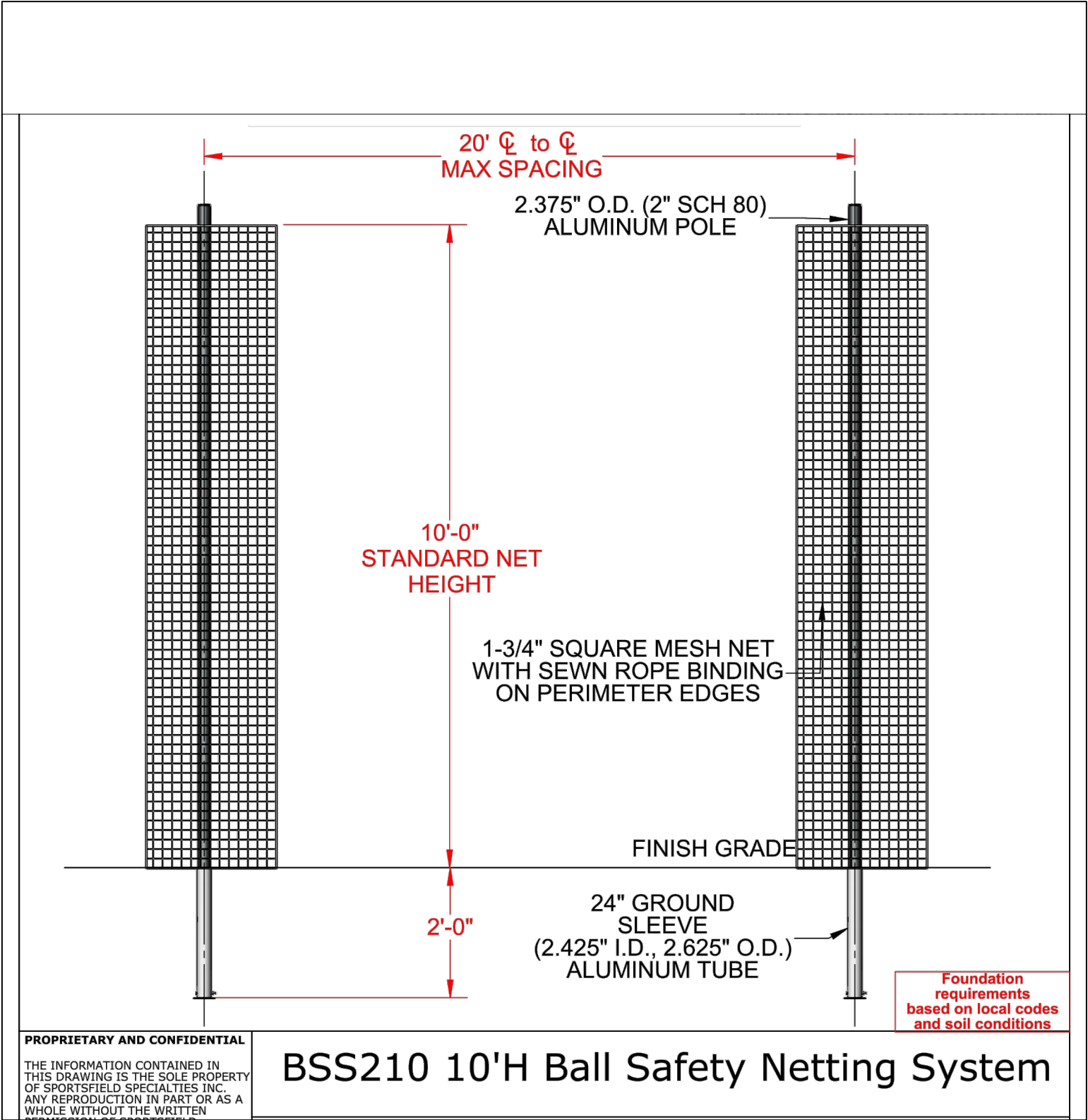
NOTES: GENERAL

1. ALL RE-BAR TO BE EPOXY COATED (TYP).
2. INFILL TO ALIGN WITH TRACK/SLOT DRAIN SURFACE.
3. TURF NAILER SHALL BE 2" X 4", 100% HIGH DENSITY POLYETHYLENE WITH FIBERGLASS REINFORCEMENT.
4. TAPCON OR RAMSET NAILER TO CONCRETE CURBS EVERY 24" O.C.
5. TURF SHALL BE STAPLED OR FASTENED EVERY 8" O.C. TO NAILER, TO MANUFACTURER STANDARDS

TURF AT EDGE OF TRACK ATHLETIC TRENCH DRAIN
(N.T.S.)

S.E.D. CONTROL NUMBER: 48-06-01-06-0-004-018

FULLER D'ANGELO P.C. ARCHITECTS PLANNERS	NOTE: ALL INFORMATION ON ORIGINAL CONTRACT DOCUMENT SHALL PERTAIN UNLESS SPECIFICALLY CHANGED BY THIS DRAWING.	JOB NAME: BREWSTER CENTRAL SCHOOL DISTRICT BREWSTER HIGH SCHOOL SECURITY VESTIBULE, SYNTHETIC FIELD & RELATED WORK 50 FOGGINTOWN ROAD BREWSTER, NY 10509		DRAWING TITLE: SITE DETAIL {REF: C701}	
		BID ADDENDUM #3 05-06-2024 DATE		AS NOTED ISSUED TO	
		SCALE: FILE NO.		DRAWING NO.	
		23505.01		SK-6	

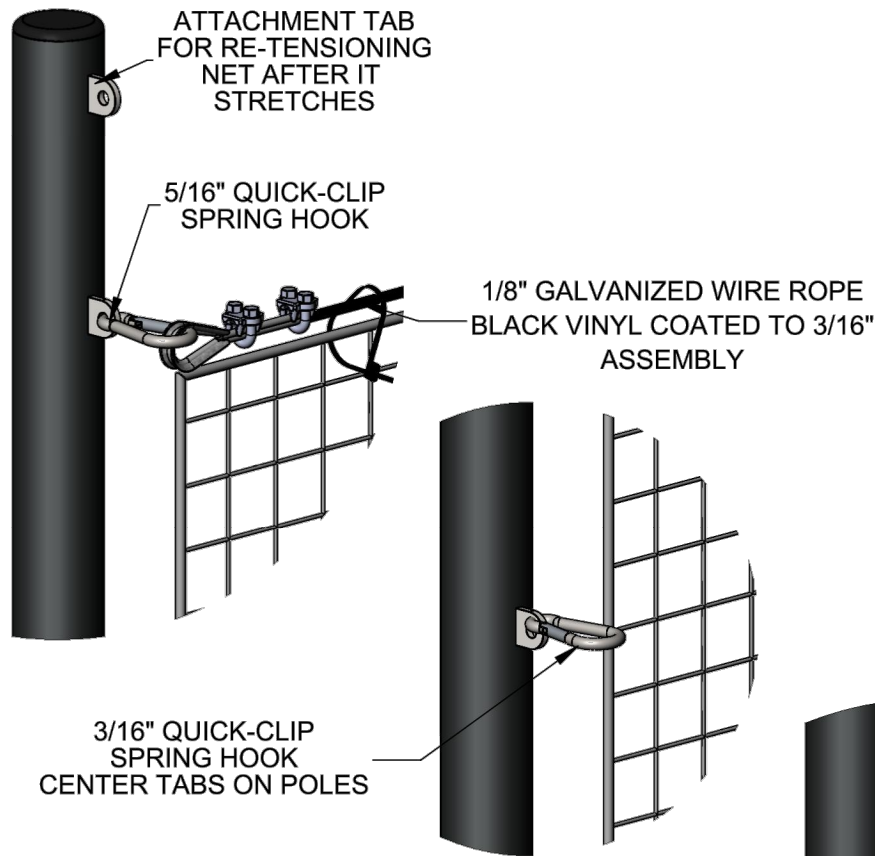


BY SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

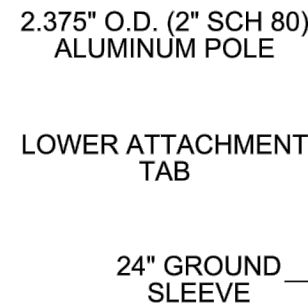
S.E.D. CONTROL NUMBER: 48-06-01-06-0-004-018

<div>FULLER D'ANGELO P.C.</div> <div>ARCHITECTS PLANNERS</div> <div>48 KNOLLWOOD ROAD ELMSFORD NEW YORK 10523 TEL 914.592.4444 FAX 914.592.1717 WWW.FULLERDANGELO.COM Copyright 2024 All Rights Reserved by FULLER & D'ANGELO P.C.</div>	<div>NOTE: ALL INFORMATION ON ORIGINAL CONTRACT DOCUMENT SHALL PERTAIN UNLESS SPECIFICALLY CHANGED BY THIS DRAWING.</div>	JOB NAME: BREWSTER CENTRAL SCHOOL DISTRICT BREWSTER HIGH SCHOOL SECURITY VESTIBULE, SYNTHETIC FIELD & RELATED WORK 50 FOGGINTOWN ROAD BREWSTER, NY 10509		
		DRAWING TITLE: LACROSSE NETTING DETAIL {REF: C704}	SCALE:	AS NOTED
			FILE NO.	DRAWING NO.
			23505.01	SK-7
	05-06-2024	BID ADDENDUM #3		
	DATE	ISSUED TO		

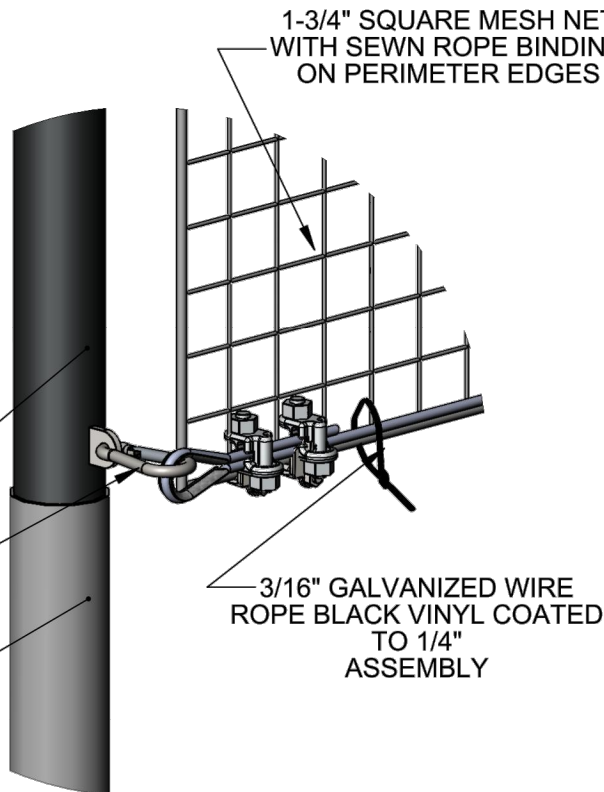
TOP OF POLE



MIDDLE OF POLE



BOTTOM OF POLE



STANDARD PART NUMBER	DESCRIPTION	EXPECTED NET SAG
BSS210 (TFBSS210P)	10'H SYSTEM	±9"-12"

Foundation requirements based on local codes and soil conditions

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SPORTSFIELD SPECIALTIES INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN

2" Straight Pole Ball Safety Netting System

BY SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

S.E.D. CONTROL NUMBER: 48-06-01-06-0-004-018

FULLER
D'ANGELO
P.C.

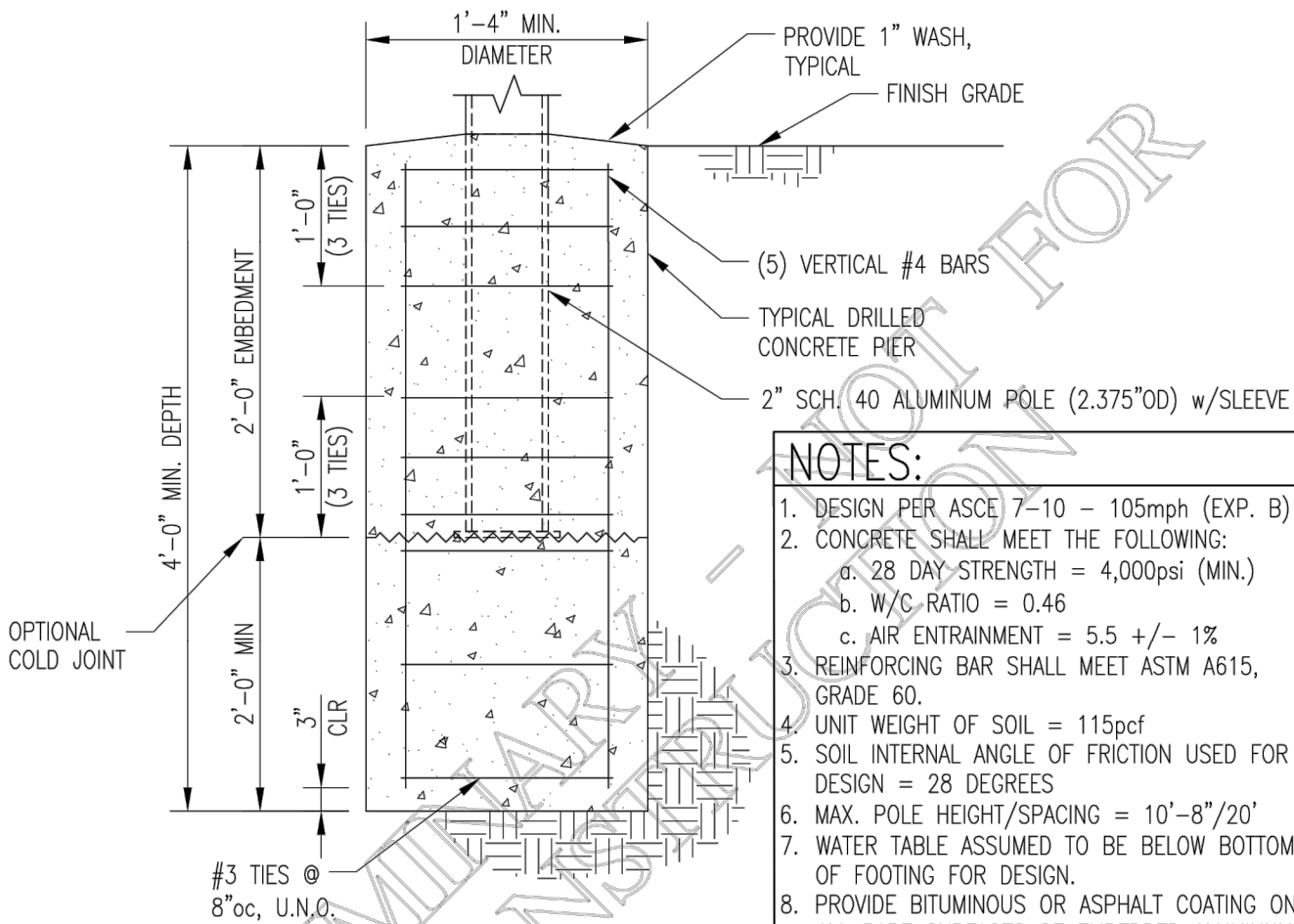
ARCHITECTS
PLANNERS

NOTE:
ALL INFORMATION ON ORIGINAL CONTRACT DOCUMENT SHALL PERTAIN UNLESS SPECIFICALLY CHANGED BY THIS DRAWING.

JOB NAME:
BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD
& RELATED WORK
50 FOGGINTOWN ROAD BREWSTER, NY 10509

DRAWING TITLE:
LACROSSE NETTING DETAIL
{REF: C704}

05-06-2024	BID ADDENDUM #3
DATE	ISSUED TO
SCALE:	AS NOTED
FILE NO.	DRAWING NO.
23505.01	SK-8

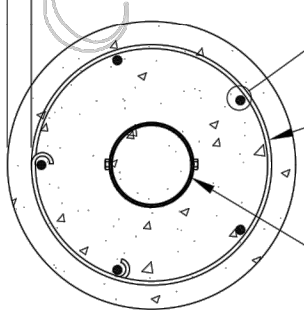


NOTES:

1. DESIGN PER ASCE 7-10 - 105mph (EXP. B)
2. CONCRETE SHALL MEET THE FOLLOWING:
 - a. 28 DAY STRENGTH = 4,000psi (MIN.)
 - b. W/C RATIO = 0.46
 - c. AIR ENTRAINMENT = 5.5 +/- 1%
3. REINFORCING BAR SHALL MEET ASTM A615, GRADE 60.
4. UNIT WEIGHT OF SOIL = 115pcf
5. SOIL INTERNAL ANGLE OF FRICTION USED FOR DESIGN = 28 DEGREES
6. MAX. POLE HEIGHT/SPACING = 10'-8"/20'
7. WATER TABLE ASSUMED TO BE BELOW BOTTOM OF FOOTING FOR DESIGN.
8. PROVIDE BITUMINOUS OR ASPHALT COATING ON ALL BARE SURFACES OF EMBEDDED ALUMINUM.
9. COMPACT SOIL SURROUNDING FOOTING TO 95% MODIFIED PROCTOR.

SYSTEM NOTES:

1. FOOTING FOR USE WITH #36 NYLON 1 3/4" SQUARE MESH NETTING
2. POLES CAN BE DIRECTLY EMBEDDED IN LIEU OF USING SLEEVES.



1 FOOTING DETAILS

SK-01

SCALE: NONE

-VERIFY FOUNDATION MEETS LOCAL CODES AND REGULATIONS PRIOR TO INSTALLATION.
-SITE SOIL PROPERTIES MUST MEET (OR BETTER) THE DESIGN PARAMETERS LISTED ABOVE
-FROST DEPTH AND/OR WATER TABLE ELEVATION MAY HAVE AN ADVERSE EFFECT ON THE ABOVE DESIGN, SITE SPECIFIC DESIGNS ARE ALWAYS RECOMMENDED.

BY SPORTSFIELD SPECIALTIES OR APPROVED EQUAL.

Project Name
**SFDBSS28 & SFDBSS210
STANDARD FOUNDATION DESIGN
FOR BALL SAFETY NETTING SYSTEM**
ASCE 7-10 (105mph) EXPOSURE 'B'

Drawing Title
**8'-10' NETTING SYSTEM
FOUNDATION DETAILS
(SLEEVE w/COLD JOINT)**
S.E.W. CONTROL NUMBER: 44-41-06-0-004-018

**FULLER
D'ANGELO
P.C.**

**ARCHITECTS
PLANNERS**

46 KNOXWOOD ROAD ELMSFORD NEW YORK 10523
TEL 914.592.4444 FAX 914.592.1717
WWW.FULLERDANANGELO.COM
Copyright 2024 All Rights Reserved by FULLER & D'ANGELO P.C.

NOTE:
ALL INFORMATION ON ORIGINAL CONTRACT DOCUMENT SHALL PERTAIN UNLESS SPECIFICALLY CHANGED BY THIS DRAWING.

JOB NAME:
**BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD
& RELATED WORK**
50 FOGGINTOWN ROAD BREWSTER, NY 10509

DRAWING TITLE:
**LACROSSE NETTING DETAIL
{REF: C704}**

05-06-2024	BID ADDENDUM #3
DATE	ISSUED TO
SCALE:	AS NOTED
FILE NO.	DRAWING NO.
23505.01	SK-9

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
HOLD HARMLESS AGREEMENT

SECTION 00 4402
HOLD HARMLESS AGREEMENT

_____ herein
the "CONTRACTOR" assumes responsibility for any and all injury to or death of any and all persons, including the CONTRACTOR'S agents, servants and employees, and in addition thereto, for any and all damages to property caused by or resulting from or arising out of any act or omission in connection with this contract or the prosecution of work hereunder, whether caused by the CONTRACTOR or the CONTRACTOR'S agents, servants or employees, or the CONTRACTOR'S subcontractors or suppliers, and the CONTRACTOR shall indemnify and hold harmless the Owner, Architect, and Construction Manager, their employees and consultants from and against any and all loss and/or expense which they or either of them may suffer or pay as a result of claims or suits due to, because of or arising out of any and all such injuries, deaths and/or damage. The CONTRACTOR if requested, shall assume and defend at the CONTRACTOR'S own expense, any suit, action or other legal proceedings arising therefrom, and the CONTRACTOR hereby agrees to satisfy, pay and cause to be discharged of record any judgment which may be rendered against the owner or architect arising therefrom.

Dated at _____ this day of 202____ .

Signed, Sealed and Delivered

SIGNED _____

Name _____

Title _____

in the presence of by:

Name _____ Title _____

SURFACE DRAINAGE SYSTEMS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Modular trench drain systems.

1.2 RELATED SECTIONS

321313-Cast in Place Concrete

1.3 REFERENCES

- A. ASTM International (ASTM): ASTM C579—Standard Specification for Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes.
- B. ASTM International (ASTM): ASTM C580—Standard Specification for Flexural Strength and Modulus of Elasticity of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes.
- C. European Standard (EN): EN1433—Drainage channels for vehicular and pedestrian areas; Classification, design and testing requirements, marking and evaluation of conformity.

1.4 SYSTEM DESCRIPTION

- A. System Type:
 - 1. Sport drain sloping systems shall employ an angled grade on both sides of a linear trench to move runoff into a point along the channel. Liquids shall be discharged by gravity flow at the end of the drain into an underground pipe system or culvert.
 - 2. Sport drain neutral system shall provide ample hydraulics for track application.
- B. System Design:
 - 1. Modular trench drains shall be factory manufactured and engineered with compatible grates and accessory components in sizes and capacities to provide a complete functioning trench drain system.
 - 2. Modular channels are aligned onsite via male/female interconnecting ends to form a continuous run. Systems shall provide a perimeter of drainage around running track/field.
- C. System Requirements:
 - 1. Grate Finish: Black
 - 2. Grate Safety Requirements:
 - a. Grates shall comply with requirements of the Americans with Disabilities Act (ADA).
 - b. Grates shall include a 'heel safe' pattern in compliance with American Society of Mechanical Engineers (ASME) A112.6.3, Floor and Trench Drains. Section 7.12, "Heel Resistant Strainers and Grates,
 - c. Grates shall prevent small stiletto-style heels from getting stuck, causing injury or falls.
 - d. Grates shall be bicycle-safe grates to avoid slot openings that trap modern bicycle wheels.
 - 3. Hydraulic Performance
 - a. Trench drain system shall provide drain performance without grate bypass occurring and without uncontrolled ponding during maximum design flow rate and duration.
 - b. Trench drain system shall provide temporary ponding during hydraulic rates exceeding the trench design capacity in areas and boundaries indicated.

1.5 SUBMITTALS

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD, AND RELATED WORK
SURFACE DRAINAGE SYSTEMS

- A. Product Data: Submit product data and installation instructions including manufacturer's product sheet, for specified products.
- B. Shop Drawings: Submit shop drawings showing layout, profiles and product components, including anchorage, accessories, finish colors, patterns and textures.
- C. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 5-year experience manufacturing similar products.
- B. Installer Qualifications: Installer experienced in performing Work of this section who has specialized in installation of work similar to that required for this project.
- C. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.

1.7 PRE-INSTALLATION MEETINGS

- A. Convene minimum two weeks prior to starting work of this section.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Ordering: Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Storage and Protection: Store materials protected from exposure to harmful weather conditions and at temperature and humidity conditions recommended by manufacturer.

1.9 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.10 SEQUENCING

- A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.
- B. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

1.11 WARRANTY

- A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions.
- B. Manufacturer's Warranty: Warranty Period: 12 months commencing on Date of Substantial Completion or 24 months from date of purchase, whichever is sooner.

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD, AND RELATED WORK
SURFACE DRAINAGE SYSTEMS

PART 2 PRODUCTS

2.1 MANUFACTURERS

A. Acceptable Manufacturer:

ACO, Inc.; 9470 Pinecone Dr., Mentor, OH 44060. ASD. Toll Free Tel: (800) 543-4764.

[Tel: \(440\) 285-7000](tel:(440)285-7000). [Fax: \(440\) 285-7005](tel:(440)285-7005). Email: info@acousa.com. Web: <http://www.acousa.com>.

ACO, Inc.; 825 W Beechcraft St. P. O. Box 12067, Casa Grande, AZ 85122. Tel: (520) 421-9988. Fax: (520) 421-9899. Email: info@acousa.com. Web: <http://www.acousa.com>.

B. Substitutions: Or approved equal.

2.2 SYSTEM DESIGN

A. Load Class: Provide trench drain system designed, engineered and installed to support the minimum loads as defined by EN1433.

B. Grate Design: Safety.

- i. Grates that comply with requirements of the Americans with Disabilities Act (ADA) of 1990 are available.
- ii. Other safety-focused grates include a 'heel safe' pattern in compliance with American Society of Mechanical Engineers (ASME) A112.6.3, Floor and Trench Drains. Section 7.12, "Heel Resistant Strainers and Grates,
- iii. Grates are designed to prevent small stiletto-style heels from getting stuck, causing injury or falls. In addition, bicycle-safe grates avoid slot openings that can trap modern bicycle wheels.

2.3 SPORT SYSTEM-SPORTS ARENA DRAINAGE.

A. Product: System 4000 as manufactured by ACO, Inc.

1. System 4000—Straight drainage system with grates
 - a. Multiple channels
 - b. Multiple grates
 - c. In-line catch basin
 - d. Optional TPE cellular rubber edge for athlete's safety.
 - e. System provides completed drainage for multiple recreational uses.
2. System 4000 Channels
 - a. Available in one meter (39.37") and in half meter (19.69") lengths.
3. System 4000 Catch Basin
 - a. In-line Catch Basin 4" Internal width
4. Plastic trash bucket acts as a sieve to collect debris.
 - a. 4" and 6" drill outs for pipe connections.
5. System 4000 Grates
 - a. Steel Slotted—39.37" (1000mm)
 - b. Steel Slotted—19.69" (500mm)
 - c. Black ADA Plastic—19.69" (500mm)

B. Product: System 2000 as manufactured by ACO, Inc.

1. System 2000—Slotted track drain system.

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD, AND RELATED WORK
SURFACE DRAINAGE SYSTEMS

- a. Used at high profile venues, including professional and IAAF stadiums.
 - b. Track material can be applied to system top for a totally discrete solution.
 - c. Supplied in straight and radius channels.
 - d. In-line catch basin.
 - e. Optional TPE cellular rubber edge for athlete's safety.
 - f. Deep depth provides maximum hydraulic performance.
 - g. System provides a continuous run around the entire running track.
2. System 2000 Channels
- a. Available in one meter (39.37") and half (19.69") lengths.
 - b. Invert of 8.8" (224mm)
 - c. One meter (39.37") available with radius for 'D' area of track.
3. System 2000 Catch Basin
- a. In-line Catch Basin
 - b. Removable polymer concrete cover for easy access.
 - c. Plastic trash bucket acts as a sieve to collect debris.
 - d. Drill outs for 4" and 6" pipe connections.

2.4 MATERIALS

- A. Polymer Concrete: Durable material which is resistant to road salts and common chemicals, made from polyester resin reinforced with mineral aggregates and fillers.
- B. Galvanized steel: Commercial steel, ASTM A653/A653M.
- C. Stainless Steel: Type 304, ASTM A240/A240M

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Engineer of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

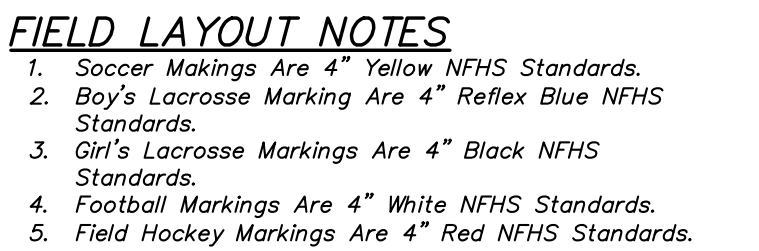
3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions and approved submittals. Install in proper relationship with adjacent construction.

3.4 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION 33 40 00



PARKING SPACE NUMBER NOTE
1. When Parking Lot is Being Striped the Contractor Shall Number/Paint each Individual Parking Space. The Actual Number will be Provided to the Contractor by the School During Construction.

CURB RAMP NOTES:
Per curb ramps shown on the drawings herein:

- Contractor shall frame curb ramps in field per given parameters. Landscape Architect and Engineer to inspect in field and verify before pour.

PACKAGE 1 AND ADD ALTERNATES*:

PACKAGE 1	ADD ALTERNATES
<ul style="list-style-type: none"> • Synthetic turf athletic field with track at Brewster High School (Field #8). • Asphalt walking path and lighting at Brewster High School track. • Parking lots A and B at Brewster High School. • Sidewalks from Fogginton Road to Lot A and Track. • Track and Field Events • Drainage associated with Track • Sidewalks to Parking lots • Stormwater Management Practices 	<p>S-1 • Parking C and curb cuts at Brewster High School. • Sidewalks associated with Lot C • Tree removal associated with Lot C.</p> <p>S-2 • Concrete pad at relocated bleachers</p> <p>S-3 • Remove existing asphalt & subbase. Restore.</p> <p>S-4 • Price/SS for full depth asphalt • Price/CY for compacted subbase in place • Price/Ton asphalt binder • Price/Ton asphalt top course</p>

* See limits of packages and labels as shown hereon

AS PER USA CONGRESS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990 ALL IDEAS AND SPECIFICATIONS DERIVATIVES THEREOF, ALL DRAWINGS AND SPECIFICATIONS CONSTITUTE THE ORIGINAL COPYRIGHT WORK BY FULLER AND D'ANGELO, P.C. (F&D). THE DRAWINGS AND SPECIFICATIONS AND INSTRUMENTS OF SERVICE BY F&D ARE CREATED BY F&D FOR THIS PROJECT ONLY AND REMAIN THE PRODUCT AND PROPERTY OF F&D. ANY REPRODUCTION WITHOUT THE PRIOR CONSENT OF F&D IS PROHIBITED.

ENGINEERING AND SURVEYING BY:

48 KNOLLWOOD ROAD ELMSPORD NEW YORK 10853
TEL 914.895.4444 FAX 914.895.1717
WWW.FULLERDANSEL.COM

FULLER
D'ANGELO
P.C.

ARCHITECT
PLANNER

LICENSE EXP. DATE: 07-31-2026
CERT. NO: 2438573

S.E.D. CONTROL NUMBER:
BREWSTER HIGH SCHOOL
48-06-01-06-0-004-018

E
ER CENTRAL SCHOOL DISTRICT
ER HIGH SCHOOL
Y VESTIBULE, SYNTHETIC FIELD &
WORK
TOWN ROAD BREWSTER, NY 10509

E
FIELD, TRACK, AND PARKING AT
ER HIGH SCHOOL
AND LANDSCAPE PLAN

PROJECT NO. BREWSTER'S SECURITY RELATED 50 FOGGING	DRAWING TITLE ATHLETIC BREWSTER'S LAYOUT
04-23-2024	BID
10-25-2023	NYCDEP SUBMISSION
10-02-2023	S.E.D. SUBMISSION
08-01-2023	D.D. SUBMISSION
06-20-2023	S.D. SUBMISSION
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. BHS C303
SCALE 1"=20'	
DRAWN BY TSM	FILE NO. 23505.01

MATCH LINE TO DRAWING NO. C405

FIELD LAYOUT NOTES

1. Soccer Markings Are 4" Yellow NFHS Standards.
2. Boy's Lacrosse Marking Are 4" Reflex Blue NFHS Standards.
3. Girl's Lacrosse Markings Are 4" Black NFHS Standards.
4. Football Markings Are 4" White NFHS Standards.
5. Field Hockey Markings Are 4" Red NFHS Standards.

LEGEND

- | | |
|--|----------------------------------------------------|
| | EXISTING PROPERTY LINE |
| | EXISTING EASEMENT |
| | EXISTING WETLAND |
| | EXISTING WETLAND FLAG |
| | EXISTING WETLAND BUFFER |
| | EXISTING STONE WALL |
| | EXISTING CHAIN LINK FENCE |
| | EXISTING GUIDE RAIL |
| | EXISTING CONCRETE CURB |
| | EXISTING UTILITY POLE W/ GUY
AND OVERHEAD WIRE |
| | EXISTING SIGN |
| | EXISTING LIGHT POLE |
| | EXISTING TREELINE |
| | EXISTING UNDERSTORY/SHRUB LINE |
| | EXISTING 5' CONTOUR |
| | EXISTING 1' CONTOUR |
| | EXISTING SPOT GRADE |
| | EXISTING MANHOLE (type unidentified) |
| | EXISTING CATCH BASIN |
| | NEW 10' CONTOUR |
| | NEW 2' CONTOUR |
| | NEW SPOT ELEVATION |
| | NEW TOP OF CURB & BOTTOM OF
SLOPES |
| | NEW TOP OF WALL & BOTTOM OF
ELEVATIONS |
| | NEW TOP OF HALL & BOTTOM OF
ELEVATIONS |
| | NEW SPOT ELEVATION |
| | NEW SEWER MANHOLE |
| | NEW DRAINAGE MANHOLE |
| | NEW CATCH BASIN |
| | NEW OUTLET STRUCTURE |
| | NEW END SECTION WITH RIPRAP
VELOCITY DISSIPATOR |
| | NEW DRAINAGE PIPE |
| | NEW SEWER MAIN |
| | NEW UNDERDRAIN |
| | NEW PANEL DRAIN |
| | NEW COLLECTOR PIPE |
| | NEW GRASS SWALE |
| | PITCH TO DRAIN |
| | NEW CLEAN OUT |

CURB RAMP NOTES:

Per curb ramps shown on the drawings herein: Contractor shall frame curb ramps in field per given parameters. Landscape Architect and Engineer to inspect in field and verify before pour.

AS PER USA CONGRESS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990 ALL IDEAS AND DESIGNS INCLUDING DERIVATIVES THEREOF, ALL DRAWINGS AND SPECIFICATIONS CONSTITUTE THE ORIGINAL COPYRIGHT WORK BY FULLER AND D'ANGELO, P.C. (F&D). THE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE BY F&D ARE CREATED BY F&D FOR THIS PROJECT ONLY AND REMAIN THE PRODUCT AND PROPERTY OF F&D. ANY REPRODUCTION WITHOUT THE PRIOR CONSENT OF F&D IS PROHIBITED.

ENGINEERING AND SURVEYING BY:

INSITE

45 KNOLLWOOD ROAD ELMSFORD NEW YORK 10633
TEL 914.592.4444 FAX 914.592.1717
WWW.FULLERDANBOLD.COM

FULLER
D'ANGELO
P.C.

ARCHITECT
PLANNER

LICENSE EXP. DATE: 07-31-2026
CERT. NO: 2438573

S.E.D. CONTROL NUMBER:
BREWSTER HIGH SCHOOL
48-06-01-06-0-004-018

PROJECT TITLE	BREWSTER CENTRAL SCHOOL DISTRICT BREWSTER HIGH SCHOOL SECURITY VESTIBULE, SYNTHETIC FIELD RELATED WORK 50 FOGGINTOWN ROAD BREWSTER, NY 10509
DRAWING TITLE	ATHLETIC FIELD, TRACK, AND PARKING A BREWSTER HIGH SCHOOL GRADING AND UTILITIES PLAN

04-23-2024	BID
10-25-2023	NYCDEP SUBMISSION
10-02-2023	C.D. SUBMISSION
08-01-2023	D.D. SUBMISSION
06-20-2023	S.D. SUBMISSION

SHEET SIZE 30"x42"	DRAWING NO. BHS C403
SCALE 1"=20'	

DRAWN BY: TSM	FILE NO: 23505.0
------------------	---------------------

FARM TO MARKET ROAD

GRAPHIC SCALE

(IN FEET)

FILE: Z:\E\23149100 F&D Brewster CSD\CADD Package 1\BHS C401-C404.dwg

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
RFI FORM

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INTERPRETATION NO. 001

F&D RFI NO: 005
(F&D USE)

NAME OF PROJECT: **BHS Security Vestibule, Synthetic Fields & Related Work**
NAME OF OWNER: **Brewster Central School District**
FACILITY: **Brewster High School**
DATE: 5.3.2024
A/E PROJECT NO: **23505.01**
ARCHITECT: **Architect**
45 Knollwood Road, Elmsford, NY 10523
Tel: 914-592-4444; Fax: 914-592-1717
William Means, RA WilliamM@fullerdangelo.com

Refer to Section 00 2113 Par 1.12 for additional requirements.

FROM (CO. NAME): Milcon Construction Corp.

CONTACT NAME: Zack Batt

Tel: 631.756.9530 X 225 E-mail: zbatt@milconconstruction.com

SUBJECT: Second Walk-Through

DISCIPLINE/TRADE: General Construction

DWG./SPEC. REFERENCE: _____

QUESTION: Milcon Construction would like to request a second walk-through.

___ FIELD CONDITION _____

___ DRAWING/SPEC _____

___ DISCREPANCY _____

___ OWNER CHANGE _____

___ CLARIFICATION _____

___ CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

ANSWER

Contact Glen Freyer, Director of Buildings and Grounds (845) 746-8180

ARCHITECT'S SIGNATURE:  RA

DATE: 5/3/2024

Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
RFI FORM

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INTERPRETATION NO. _____

F&D RFI NO: **006**

(F&D USE)

NAME OF PROJECT: BHS Security Vestibule, Synthetic Fields & Related Work

NAME OF OWNER: Brewster Central School District

FACILITY: Brewster High School

DATE: 5/3/24

A/E PROJECT NO: 23505.01

ARCHITECT: Architect

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

William Means, RA

WilliamM@fullerdangelo.com

Refer to Section 00 2113 Par 1.12 for additional requirements.

FROM (CO. NAME): Bertussi Contracting Inc

CONTACT NAME: S.Weber

Tel: 845-538-4234

E-mail: sweber@bertussis.com

SUBJECT: Hold Harmless

DISCIPLINE/TRADE: _____

DWG./SPEC. REFERENCE: _____

QUESTION: _____

The supplemental bid form Section 00 4402 - Hold Harmless Agreement
is missing from the spec. Please advise.

___ FIELD CONDITION _____

___ DRAWING/SPEC _____

___ DISCREPANCY _____

___ OWNER CHANGE _____

___ CLARIFICATION _____

___ CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

ANSWER

See Addendum #3

ARCHITECT'S SIGNATURE: 

DATE: **5/6/2024**

Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
RFI FORM

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INTERPRETATION NO. 01

F&D RFI NO: 007

(F&D USE)

NAME OF PROJECT: **BHS Security Vestibule, Synthetic Fields & Related Work**

NAME OF OWNER: **Brewster Central School District**

FACILITY: **Brewster High School**

DATE: 5/3/24

A/E PROJECT NO: **23505.01**

ARCHITECT: **Architect**

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

William Means, RA

WilliamM@fullerdangelo.com

Refer to Section 00 2113 Par 1.12 for additional requirements.

FROM (CO. NAME): Pierotti Corp.

CONTACT NAME: Tony Monaco

Tel: 914-233-9990 E-mail: tonym@pierotticorp.com

SUBJECT: Existing PVC roof manufacturer

DISCIPLINE/TRADE: Roofing

DWG./SPEC. REFERENCE:

QUESTION: Need to know the PVC manufacturer for the MEP cut & patch work at the existing roof

FIELD CONDITION

DRAWING/SPEC

DISCREPANCY


OWNER CHANGE

CLARIFICATION

CONTRACTOR'S SUGGESTION (IF APPLICABLE):

ANSWER

We believe the roof is a Johns Manville system.

ARCHITECT'S SIGNATURE:  DATE: 5/6/2024

Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
RFI FORM

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INTERPRETATION NO. 1

F&D RFI NO: 008
(F&D USE)

NAME OF PROJECT: BHS Security Vestibule, Synthetic Fields & Related Work
NAME OF OWNER: Brewster Central School District
FACILITY: Brewster High School
DATE: 5/6/2024
A/E PROJECT NO: 23505.01
ARCHITECT: Architect *Type text here*
45 Knollwood Road, Elmsford, NY 10523
Tel: 914-592-4444; Fax: 914-592-1717
William Means, RA WilliamM@fullerdangelo.com

Refer to Section 00 2113 Par 1.12 for additional requirements.

FROM (CO. NAME): LandVscape Inc. dba Nicky Diggs Excavation

CONTACT NAME: _____

Tel: 914.232.1878

E-mail: admin@nickydiggs.com

SUBJECT: _____

DISCIPLINE/TRADE: Site Contractor

DWG./SPEC. REFERENCE: _____

QUESTION: drawing C403 please delineate what is slot drain and what is trench drain
on traack perimeter drain

___ FIELD CONDITION _____

___ DRAWING/SPEC _____

___ DISCREPANCY _____

___ OWNER CHANGE _____

___ CLARIFICATION _____

___ CONTRACTOR'S SUGGESTION (IF APPLICABLE): _____

ANSWER

See Addendum #3.

ARCHITECT'S SIGNATURE:  RA

DATE: 5/6/2024

Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.

BREWSTER CENTRAL SCHOOL DISTRICT
BREWSTER HIGH SCHOOL
SECURITY VESTIBULE, SYNTHETIC FIELD AND RELATED WORK
RFI FORM

SECTION 00 2115
RFI FORM

CONTRACTOR'S REQUEST FOR INTERPRETATION NO. 1

F&D RFI NO: 009

(F&D USE)

NAME OF PROJECT: **BHS Security Vestibule, Synthetic Fields & Related Work**

NAME OF OWNER: **Brewster Central School District**

FACILITY: **Brewster High School**

DATE: 5/06/24

A/E PROJECT NO: **23505.01**

ARCHITECT: **Architect**

45 Knollwood Road, Elmsford, NY 10523

Tel: 914-592-4444; Fax: 914-592-1717

William Means, RA

WilliamM@fullerdangelo.com

Refer to Section 00 2113 Par 1.12 for additional requirements.

FROM (CO. NAME): Dynamic Systems, Inc.

CONTACT NAME: Vincent Buttafuoco

Tel: 845-454-2407

E-mail: vbuttafuoco@dsi.us

SUBJECT: Ceiling Work Clarification

DISCIPLINE/TRADE: Mechanical

DWG./SPEC. REFERENCE: M102

QUESTION: From the pre-bid walk on 5/1/24 it was mentioned that ceiling work would be by the GC and to send any discrepancies. Drawing M102 notes the MC for cutting & patching the existing ceiling related to the RTU ductwork.

Please confirm the trade responsible.

FIELD CONDITION

DRAWING/SPEC

☒ DISCREPANCY

OWNER CHANGE

☒ CLARIFICATION

CONTRACTOR'S SUGGESTION (IF APPLICABLE):

ANSWER

See Addendum #3.

ARCHITECT'S SIGNATURE: 

DATE: **5/6/2024**

Note: review and any responses to this request for information by the architect/engineer is strictly for design intent only and does not constitute acknowledgement or acceptance of any cost or schedule implications unless specifically presented by the contractor. By submission of this request for information, the contractor assumes all responsibility in the absence of an approved change order or work directive.