

NORTH PENN SCHOOL DISTRICT

Lansdale, PA 19446

North Penn High School Crawford Stadium SMPTE Fiber Project

Bid Summary

The North Penn School District is hereby soliciting bids to submit bids for: NPHS Crawford Stadium SMPTE Fiber.

All bids shall be submitted on the enclosed district forms. The sealed bid proposal package should also include:

- A Bid Bond or Certified Check for 10% of the total bid price.
- Completed and notarized Non-Collusion Affidavit.
- Completed and notarized Vendor's Qualification Statement.
- 3 Signed copies (1 original and 2 photocopy)

The North Penn School District is exempt from Pennsylvania state sales tax.

A MANDATORY PREBID ONSITE VISIT WILL OCCUR ON TUESDAY JUNE 1ST 1:00 PM, PLEASE SEE ATTACHMENT A FOR DIRECTIONS TO THE MEETING SITE.

Sealed bids will be accepted for the "NPHS Crawford Stadium SMPTE Fiber Project" until June 8, 2021, at 12:30 p.m. **Sealed bids must be clearly labeled "NPHS Crawford Stadium SMPTE Fiber Project" and delivered to Kristin Johnson at the Educational Services Center, 401 E. Hancock St., Lansdale, PA.** The bids will be publicly opened via Zoom Meeting at 1:00 p.m. the same day. Directions to the Zoom meeting will be posted 30 minutes prior to the opening at www.npenn.org/bidspec.

All questions regarding this bid should be directed to:

Kristin Johnson
Assistant Director of Business Administration
401 E. Hancock St.
Lansdale, PA 19446
johnsok@npenn.org
215-853-1015

North Penn School District
Lansdale, Pennsylvania 19446

General Conditions for Bid

1. The North Penn School District Board of School Directors invites bidders to submit sealed bids for the furnishing and delivery of **NPBS Crawford Stadium SMPTE Fiber Project**.
2. **Bids will be accepted until 12:30 PM on Tuesday, June 8, 2021.** The bids will be **opened at 1:00 PM on June 8, 2021 via Zoom.** Please see NPSD website, www.npenn.org/bidspec, for Zoom meeting details one hour prior to the bid opening.
3. The bid must be submitted in a sealed envelope and clearly marked on the outside, “**NPBS Crawford Stadium SMPTE Fiber Project**”.
4. Bids shall be submitted on the enclosed Bid Proposal Form. Bids must be typewritten or written with ink and signed by the individual, partners, or corporate officer.
5. The successful bidder shall bid in strict accordance with the specifications as set forth. **No substitutions or alternates are permitted.**
6. A BID BOND OR CERTIFIED CHECK IN FAVOR OF THE NORTH PENN SCHOOL DISTRICT IN THE AMOUNT OF 10% OF THE TOTAL BID IS REQUIRED FROM EACH BIDDER AND MUST BE ENCLOSED WITH THE BID. THE BOND MUST BE ISSUED BY AN INSURANCE COMPANY.
Only the bid bonds or certified checks of the successful bidders will be held until all terms of the contract are completed. The bid bonds or certified checks of the unsuccessful bidders will be returned at the time of the awarding of the contract.
7. **Installation must be completed by August 6, 2021. If you cannot meet this requirement, please indicate in the bid the expected completion date.**
8. The North Penn School District reserves the right to reject or accept any or all bids or any portion thereof and to waive any informalities permitted by law. Bids must remain firm for a period of sixty (60) days from the date of bid opening.
9. Bidder shall insert the price per stated unit and the total cost extension against each item in the schedule hereto annexed, which the bidder has proposed to furnish and deliver. The unit price inserted must be net and must include all delivery charges – No Exceptions. In the event of a discrepancy between the unit prices and the total cost extension, the unit price will govern. The total bid is to be the sum of the quantity times the unit price for each item.
10. A purchase order issued by the School District covering any or all items included in this bid shall constitute a contract binding upon the bidder and the School District.
11. No charge will be allowed for federal, state, or municipal sales or excise taxes, for which the school district is exempt by law. The bid price shall be net and shall not include the amount of any such tax. Exemption certificates, if required, will be furnished on forms provided by the bidder.
12. The bidder agrees, if awarded an order, to furnish and deliver the said articles at such time, to such place, and in such quantities as specified, and that all of the articles shall be subject to the inspection and approval of the School District. Acceptance of delivery of materials or equipment to the site shall not constitute final acceptance by the School District. In the event that any articles are rejected as damaged, or not in conformance with these specifications, such articles shall be removed immediately and other articles of proper quality as set forth in these specifications shall be furnished in place thereof, all at the expense of the successful bidder.
13. In the event that the successful bidder should neglect or refuse to furnish or deliver any articles or any part thereof, or to replace any articles which are rejected as stated in the preceding paragraph, then the School District is authorized and empowered to purchase articles in conformity with this order from such party or parties, and in such manner as it shall select, at the expense of the successful bidder, or to cancel the contract reserving to itself, nevertheless, all rights for damages which may be incurred by the School District.
14. Invoicing: Invoices must be submitted for each individual school, completely itemized, and covering each shipment. They should show North Penn School District item numbers, the same as packing slips. No photocopy of a Bid or Purchase Order will be accepted in lieu of an itemized invoice.

15. **DISCRIMINATION PROHIBITED:** According to Section 755, Public School Code of Pennsylvania, 1949 as amended, the contractor agrees:
- 15.1 That in the hiring of employees for the performance of work under this contract, or any sub-contract hereunder, no contractor, sub- contractor, nor any person acting on behalf of such contractor or sub-contractor, shall, by reason of race, creed or color, discriminate against any citizen who is qualified and available to perform the work to which the employment relates;
 - 15.2 That no contractor, sub-contractor, nor any person on his behalf, shall in any manner discriminate against or intimidate any employee hired for the performance of work under this contract on the account of race, creed or color;
 - 15.3 That there may be deducted from the amount payable to the contractor under this contract, a penalty of five dollars (\$5) for each person for each calendar day during which such person was discriminated against or intimidated, in violation of the provisions of this contract; and,
 - 15.4 That this contract may be canceled or terminated by the School District, and all money due or to become due hereunder may be forfeited, for a second or any subsequent violation of the terms and conditions of the contract.
16. **INSURANCE:** The successful bidder must maintain in full effect the following minimum insurance coverage:
- 16.1 General Liability Insurance – General liability insurance coverages shall be provided by commercial general liability policy on an occurrence basis. The policy date or retroactive date shall predate the contract. The termination date of the policy or applicable extended reporting period shall be no earlier than the termination date of the contract or later if otherwise specified in this request for bid. Such shall be endorsed with a save harmless clause in favor of the North Penn School District, its officers, members, and employees
 - Bodily Injury: \$1,000,000 per occurrence/\$2,000,000 in aggregate
 - Property Damage: \$1,000,000 per occurrence/\$2,000,000 in aggregate
 - 16.2 Automobile Liability (Including owned, on-owned and hired vehicles).
 - Bodily Injury: \$1,000,000 single combined limit
 - Property Damage: \$1,000,000 single combined limit
 - 16.3 Workers' Compensation and Employers' Liability
 - Employers' Liability: \$500,0000 per occurrence/\$1,000,000 in aggregate
 - Statutory limits for Workers' Compensation
 - 16.4 If special hazards, such as might result from blasting, represent a possibility, these shall be covered by a rider to the policy or policies in an amount of not less than \$100,000.
 - 16.5 Prior to the beginning of the Service, etc., to be performed, a certificate of insurance shall be furnished to the School District showing the insurance coverage required above. Contractor agrees to provide to District a certificate of insurance evidencing such coverage and designating District as an additional insured as its interest may appear for both the General and Automobile Liability programs, such certificate to be provided by July 1st of each Contract Year, or on renewal of such policies. All insurance policies shall provide that no coverage shall be canceled except by thirty (30) days' written notice to Contractor and District. Insurer shall maintain a minimum A.M. Best's & Company rating of A or Contractor shall obtain insurance from a company mutually agreed upon between Contractor and District. Upon request, Contractor shall provide District with a certificate of insurance as evidence of having statutory workers' compensation coverage at levels and in forms required by the laws in which Contractor shall operate for this Agreement. The Contractor shall assume full responsibility for loss of life and property, injuries to persons, including all employees of the Contractor or Subcontractors.

General Conditions for Bid

Bid Title: **NPHS Crawford Stadium SMPTE Fiber Project**

Due Date: **Tuesday, June 8, 2021**

17. HUMAN RELATIONS ACT: The provisions of the Pennsylvania Human Relations Act, Act 222 of October 27, 1955 (P.L. 744) (43 P.S. Section 951 et. seq.) of the Commonwealth of Pennsylvania prohibit discrimination because of race, color, religious creed, ancestry, age, sex, national origin, handicap or disability, by employers, employment agencies, labor organizations, contractors and others. The contractor shall agree to comply with the provisions of this Act as amended that are made part of this specification. Your attention is directed to the language of the Commonwealth's non-discrimination clause in 16 PA Code 349.101.
18. COMPETENT WORKERS: According to Section 752 of the Public School Code of 1949, no person shall be employed to do work under such contract except competent and first class workmen and mechanics. No workmen shall be regarded as competent and first class, within the meaning of this Act, except those who are duly skilled in their respective branches of labor, and who shall be paid not less than such hours by employers of organized labor in doing of similar work in the district where the work is being done.
19. STANDARD OF QUALITY: The various materials and products specified in the specifications by name or description are given to establish a standard of quality and of cost for bid purposes. It is not the intent to limit the acceptance to any one material or product of lesser quality would not be acceptable. Where proprietary names are used, whether or not followed by the words "or as approved equal," they shall be subject to equals only as approved by the architect, engineer and/or School District.
20. COMPLIANCE WITH POLICY/LAW: Contractor shall comply with all policies, procedures and regulations of the District as established and amended from time to time as well as all applicable state and federal laws and regulations, including but not limited to the provisions of the Pennsylvania Right to Know Law, 65 P.S. 67.101 et seq., regarding possession of public records by agency contractors. In the event the District receives a request for access to a public record that is in the possession of Contractor, the District shall notify Contractor of the request and Contractor shall provide the District with the requested record in a timely manner so as to enable District compliance with the Pennsylvania Right to Know Law.
21. ADDENDUMS: If the need arises for an addendum to the bid specifications the district will post the clarification to www.npenn.org/bidspec no later than June 2, 2021. It is the responsibility of bidders to ensure all addendums have been reviewed prior to submission of the bid.

North Penn School District
Lansdale, Pennsylvania 19446

Non-Collusion Affidavit

Instructions:

1. This Non-Collusion Affidavit is material to any contract awarded pursuant to this bid. According to the Pennsylvania Antibid-Rigging Act, 73 P.S. 1611 et sec., governmental agencies may require Non-Collusion Affidavits to be submitted together with bids.
2. This Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.
3. Bid rigging and other efforts to restrain competition, and the making of false SWORN statement in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the associated approval or submission of the bid.
4. In the case of a bid submitted by a joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.
5. The term "Complementary Bid" as used in the Affidavit has the meaning commonly associated with that term in the bidding process, and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or non-competitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.
6. Failure to file an Affidavit in compliance with these instructions may result in disqualification of the bid.

Non-Collusion Affidavit

For Bid for **North Penn High School Crawford Stadium SMPTE Fiber Project**

State of _____ County of _____

I state that I am _____ of _____

(Title)

(Name of my Firm)

and that I am authorized to make this affidavit on behalf of my firm, and its Owners, Directors, and Officers.

I am the person responsible in my firm for price(s) and the amount of this bid.

I state that:

1. The price(s) and amount of this bid have been arrived at independently and without consultation, communication or agreement with any other contractor, bidder or potential bidder.
2. Neither the price(s) nor the amount of this bid, and neither the approximate price(s) nor approximate amount of this bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before bid opening.
3. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or non-competitive bid or other form of competitive bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other non-competitive bid.
5. _____, its affiliates, subsidiaries, officers, directors, and employees are not currently
(name of my firm)
under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal Law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

I state that _____ understands and acknowledges that the above representations are material
(name of my firm)
and important, and will be relied on by North Penn School District in awarding the contract for which this bid is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the North Penn School District of the true facts relating to the submission of bids for this contract.

(Name)

and

(Company Position)

SWORN TO AND SUBSCRIBED

BEFORE ME THIS _____ DAY

OF _____, 20_____.

Notary Public

My Commission Expires

North Penn School District
Lansdale, PA 19446

Vendor's/Contractor's Qualification Statement

The Undersigned certified under oath the truth and correctness of all statements and of all answers to questions made hereinafter.

Submitted by:	_____	Corporation	_____
Name:	_____	Partnership	_____
Address:	_____	Individual	_____
Principal Office:	_____	Joint Venture	_____
Phone:	_____	Other	_____

1. How many years has your organization been in business as a vendor/contractor?

2. How many years has your organization been in business under its present business name?

3. If a corporation, answer the following:
 - a. Date of Incorporation: _____
 - b. State of Incorporation: _____
 - c. President's name: _____
 - d. Vice President's name(s): _____
 - e. Secretary's or Clerk's name: _____
 - f. Treasurer's name: _____
 - g. List names and address of all parties holding greater than 10% interest in the corporation.

4. Trade References:

5. Bank References:

6. Name of bonding company and name and address of agent:

7. Dated at

this _____ day of _____, 20_____.

Name of Organization: _____

By: _____

Title: _____

8. _____ being duly sworn deposes and says that he/she is the
_____ of Vendor/Contractor and that answers to the foregoing questions
and all statements therein contained are true and correct.

Subscribed and sworn before me this _____ day of _____, 20_____.

Notary Public:

My commission Expires:

Vendor's Contractor's Qualification State Abbrev.

North Penn School District
Lansdale, PA 19446

North Penn High School Crawford Stadium SMPTE Fiber Project Specifications

The North Penn School District is seeking a bid from a highly qualified vendor to furnish and install all parts, cables, connectors of SMPTE and Single Mode fiber in the North Penn High School Crawford Stadium. SMPTE Connections will be utilized with Hitachi Z-HD5000 Camera and Hitachi CU-HD500. The vendor will provide all parts as specified and terminate fiber and copper connections per manufacturer's specifications.

Vendors will pull all cable, terminate, install panels, boxes as specified. All fiber connections will be terminated with an ST connector. SMPTE copper connections will be provided by the vendor and terminated with the appropriate body pins and sockets. Each ST and Copper connection will be tested to ensure termination meets manufacturers specifications. 2" inch conduit is provided to each location.

Vendor will provide any items, equipment, or materials not specifically addressed in the requirements and plans but required to provide a complete and functional installation. All miscellaneous electrical equipment and materials shall be UL listed for its specific application. Service coils will be provided at each termination location. **All Work Must be completed by August 6, 2021.**

Crawford Stadium Connections

Amenities Building Connections

- (15) SMPTE Fiber Camera Connections
- (28) ST Connections
- (8) Cat 6 Connections

Inside Pressbox (Broadcast Compartment)

- (8) ST Connections
- (4) Cat6

Inside Pressbox (Game Operators Compartment)

- (4) Cat6

Top of Press Box

- (3) SMPTE Fiber Camera Connections
- (4) ST Connection

50 Yard Line Field Home Box

- (3) SMPTE Fiber Camera Connections
- (8) ST Connections
- (4) Cat6

50 Yard Line Field Away Box

- (3) SMPTE Fiber Camera Connections
- (8) ST Connections
- (4) Cat6

Summeytown Left End Zone

- (3) SMPTE Fiber Camera Connections

NPBS Right End Zone

- (3) SMPTE Fiber Camera Connections

Please see applicable attachments

- Attachment A – Mandatory Prebid Meeting Location
- Attachment B – Conduit Legend
- Attachment C – Conduit Drawing
- Attachment D – 24 X 24 Drawing
- Attachment E – 29.5 X 29.5 Drawing
- Attachment F – 10 X 10 Box Drawing
- Attachment G – Parts list by location

EQUIPMENT LIST - CAMPLEX PREFERRED MANUFACTURER

NPHS Crawford Stadium SMPTE Fiber Project 2021 Parts List	
QTY	Item & Description
2	CMP-M3172720-1 - Custom 10x10 PANEL w/ 3 SMPTE FXW for Right or Left endzone
2	HYMOD-FR2 - Complex HYMOD SMPTE Modular 2RU Frame Kit for 8 HYMOD Modules
15	HYMOD-2R17 - Complex HYMOD-2R17 45 Degree SMPTE EDW Jack to 2 ST Fiber & 6-Pin AMP for 2RU HYMOD Systems
2	HYMOD-FR2 - Complex HYMOD SMPTE Modular 2RU Frame Kit for 8 HYMOD Modules
6	HYMOD-2R16 - Complex HYMOD-2R16 45 Degree SMPTE FXW Plug to 2 ST Fiber & 6-Pin AMP for 2RU HYMOD Systems
4	HYMOD-2R07 - Complex HYMOD-2R07 4 Senko ST Fiber Feedthru Module for 2RU HYMOD Systems
6	HYMOD-2R10 - Complex HYMOD-2R10 Blank Module Panel for HYMOD 2RU Frame Kit
1	HF-OPRP-2 - Complex HF-OPRP-2 2RU 24-Port Simplex Singlemode/Multimode ST Fiber Feedthru Panel
1	HF-OPRP-1 - Complex HF-OPRP-1 1RU 12-Port Simplex Singlemode/Multimode ST Fiber Feedthru Panel
1	CMP-M3172720-3 - Custom 10x10 PANEL w/ 3 SMPTE FXW and 4 ST for top press box
1	PHBL1-CPI2 - Middle Atlantic 1RU Blank Rack Panel 12 Pack
3	OCC-CX021HBAB9KA - OCC CX021HBAB9KA SMPTE 3-IN-1 Stadium Cable-Outdoor 13mm - 1000 Foot
45	HF-BP8-KIT - Complex HF-BP8-KIT 6-Pin BP8 AMP Kit - Body Pins and Sockets
5	HF-FUWPUW-M-0025 - Complex LEMO FUW-PUW Outside Broadcast SMPTE Fiber Camera Cable - 25 Foot
1000	DX012DSLX9KR Distribution 12 Fiber Single mode ultra-fox Indoor/Outdoor riser Black Jacket
1	HF-OPRP-1 - Complex HF-OPRP-1 1RU 12-Port Simplex Singlemode/Multimode ST Fiber Feedthru Panel
1	PHBL2-CPI2 - Middle Atlantic 2RU Blank Rack Panel 12 Pack
1	FOA-ST-ST-SS-100 - <i>ST to ST Fiber Adapter Simplex / Singlemode with Zirconia Sleeve & Metal Thread-100 Pack Barrel St connectors for install ST/Hymod ST</i>
1	<i>UNDER DESK 1 RU Mounting system</i>
3	MLB-10126-TC3R - Milbank 10126-TC3R Outdoor Weather Resistant Hinged Cover Junction Box 10x12x6
3	MLB-STANDOFF-40 - 4in Standoff Kit for Mill Bank Box
1	CMP-M3420323-01 24x24 CUSTOM PANEL

North Penn School District
Lansdale, PA 19446

Bid Proposal Form

North Penn High School Crawford Stadium SMPTE Fiber Project

We, the undersigned, have reviewed the specifications herein for the supply of the above listed item(s). We propose to furnish and deliver all materials and accessories to complete the work, in accordance with the attached Bid Specifications and General Conditions. We understand that the North Penn School District reserves the right to reject or accept any or all bids or any portion thereof and to waive any informalities permitted by law.

Company Name		Date
Company Address		
Authorized Signature	Printed Name	Title
Phone Number	Fax Number	Email Address

	Bid Amount
North Penn High School Crawford Stadium SMPTE Fiber Project Specifications	

A MANDATORY PREBID ONSITE VISIT WILL OCCUR ON TUESDAY JUNE 1st 1:00PM, PLEASE SEE ATTACHMENT A FOR DIRECTIONS TO THE MEETING SITE.

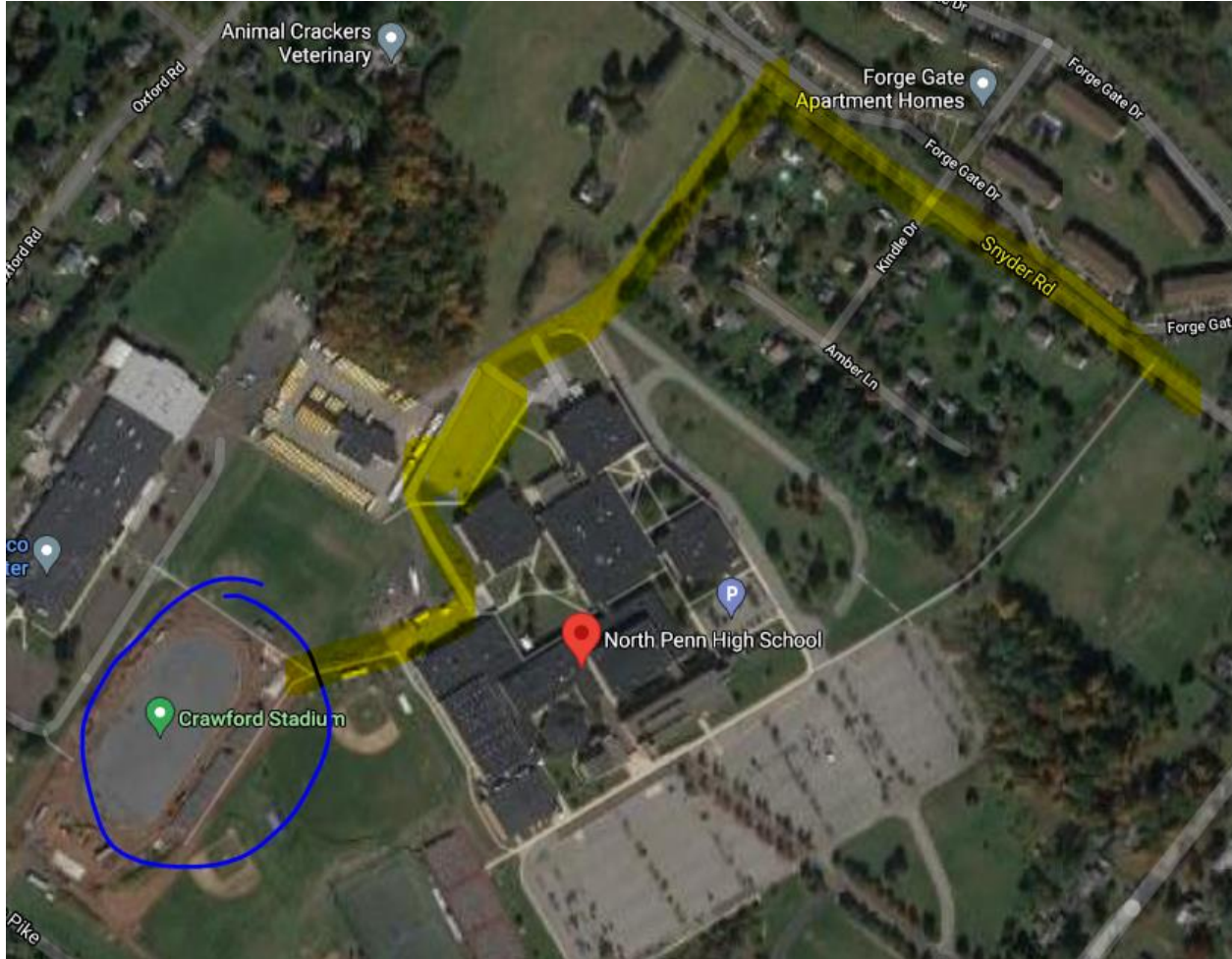
ANTICIPATED BID AWARD WILL BE JUNE 17, 2021.

ALL WORK MUST BE COMPLETED BY AUGUST 6, 2021. IF YOU CANNOT MEET THIS REQUIREMENT, PLEASE INDICATE IN THE BID THE EXPECTED COMPLETION DATE.

North Penn School District
Lansdale, Pennsylvania 19446

ATTACHMENT A

A MANDATORY PREBID ONSITE VISIT WILL OCCUR ON TUESDAY JUNE 1st 1:00PM.

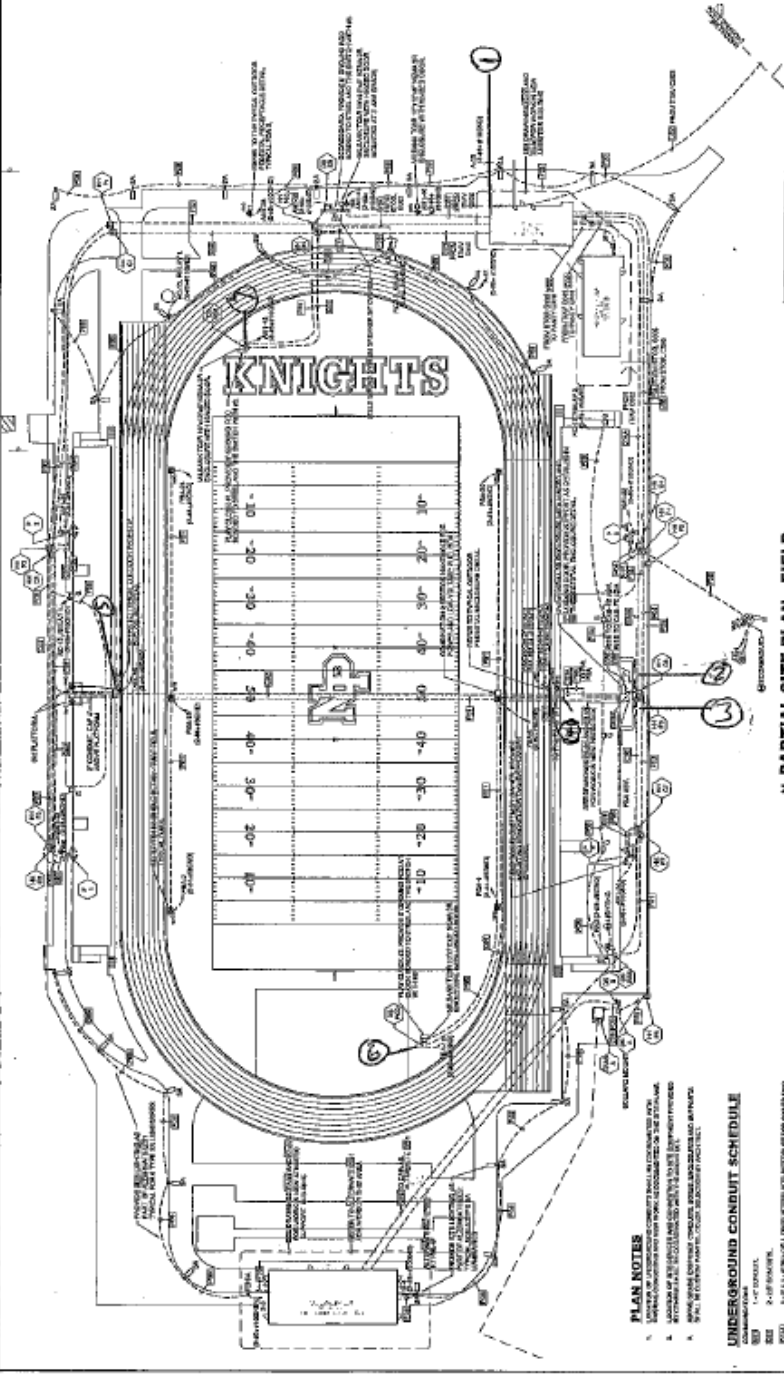


Please access the property via Snyder Road. The Prebid meeting will occur at the stadium, circled in blue. Please park in the highlighted parking lot.

ATTACHMENT B

DATE:	NOV 2011
SCH:	
DIS:	
CRA:	
STAI:	
REN:	
TITLE:	UNDERGROUND CONDUIT SCHEDULE
PROJECT:	KNIGHTS
DATE:	11/1/11
BY:	
CHECKED:	
DATE:	
BY:	
CHECKED:	
DATE:	
BY:	
CHECKED:	
DATE:	
BY:	

SHEET TITLE	PARTIAL SITE PLAN - FIELD
SHEET NUMBER	E0.03



- 1 - Amenities Building Truck Patch
- 2 - Press Box Inside
- 3 - Press Box Top
- 4 - 50 Yard line Box Home Side
- 5 - 50 Yard line Box Away Side
- 6 - Summitown Left End Zone
- 7 - NPHS Right End Zone

N PARTIAL SITE PLAN - FIELD

NO.	DESCRIPTION	DATE	BY	CHECKED
1	ISSUED FOR PERMITTING	11/1/11		
2	ISSUED FOR PERMITTING	11/1/11		
3	ISSUED FOR PERMITTING	11/1/11		
4	ISSUED FOR PERMITTING	11/1/11		
5	ISSUED FOR PERMITTING	11/1/11		
6	ISSUED FOR PERMITTING	11/1/11		
7	ISSUED FOR PERMITTING	11/1/11		
8	ISSUED FOR PERMITTING	11/1/11		
9	ISSUED FOR PERMITTING	11/1/11		
10	ISSUED FOR PERMITTING	11/1/11		

PLAN NOTES

1. VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION.
2. VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION.
3. VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION.
4. VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION.
5. VERIFY ALL UTILITIES AND CONDITIONS PRIOR TO CONSTRUCTION.

UNDERGROUND CONDUIT SCHEDULE

CONDUIT TYPE	CONDUIT SIZE	DEPTH	LENGTH	DATE	BY	CHECKED
1" CPVC	1"	18"	100'	11/1/11		
2" CPVC	2"	18"	100'	11/1/11		
3" CPVC	3"	18"	100'	11/1/11		
4" CPVC	4"	18"	100'	11/1/11		
6" CPVC	6"	18"	100'	11/1/11		
8" CPVC	8"	18"	100'	11/1/11		
10" CPVC	10"	18"	100'	11/1/11		
12" CPVC	12"	18"	100'	11/1/11		
15" CPVC	15"	18"	100'	11/1/11		
18" CPVC	18"	18"	100'	11/1/11		
24" CPVC	24"	18"	100'	11/1/11		
30" CPVC	30"	18"	100'	11/1/11		
36" CPVC	36"	18"	100'	11/1/11		
42" CPVC	42"	18"	100'	11/1/11		
48" CPVC	48"	18"	100'	11/1/11		
54" CPVC	54"	18"	100'	11/1/11		
60" CPVC	60"	18"	100'	11/1/11		
72" CPVC	72"	18"	100'	11/1/11		
84" CPVC	84"	18"	100'	11/1/11		
96" CPVC	96"	18"	100'	11/1/11		
108" CPVC	108"	18"	100'	11/1/11		
120" CPVC	120"	18"	100'	11/1/11		

North Penn School District
Lansdale, Pennsylvania 19446

ATTACHMENT C

LAND ARCHITECT
architerra, pc
500 PINE HILL ROAD - 3RD FLOOR
LANSDALE, PA 19446-5500

CONSULTANT
Spillman
Farmer
Architects
1550 EAST BROAD ST
LANSDALE, PA 19446
TEL: 610-329-2300

GENERAL CONTRACTOR
Lehigh Valley
Engineering
2400 BROAD ST
LANSDALE, PA 19446
TEL: 610-329-2300

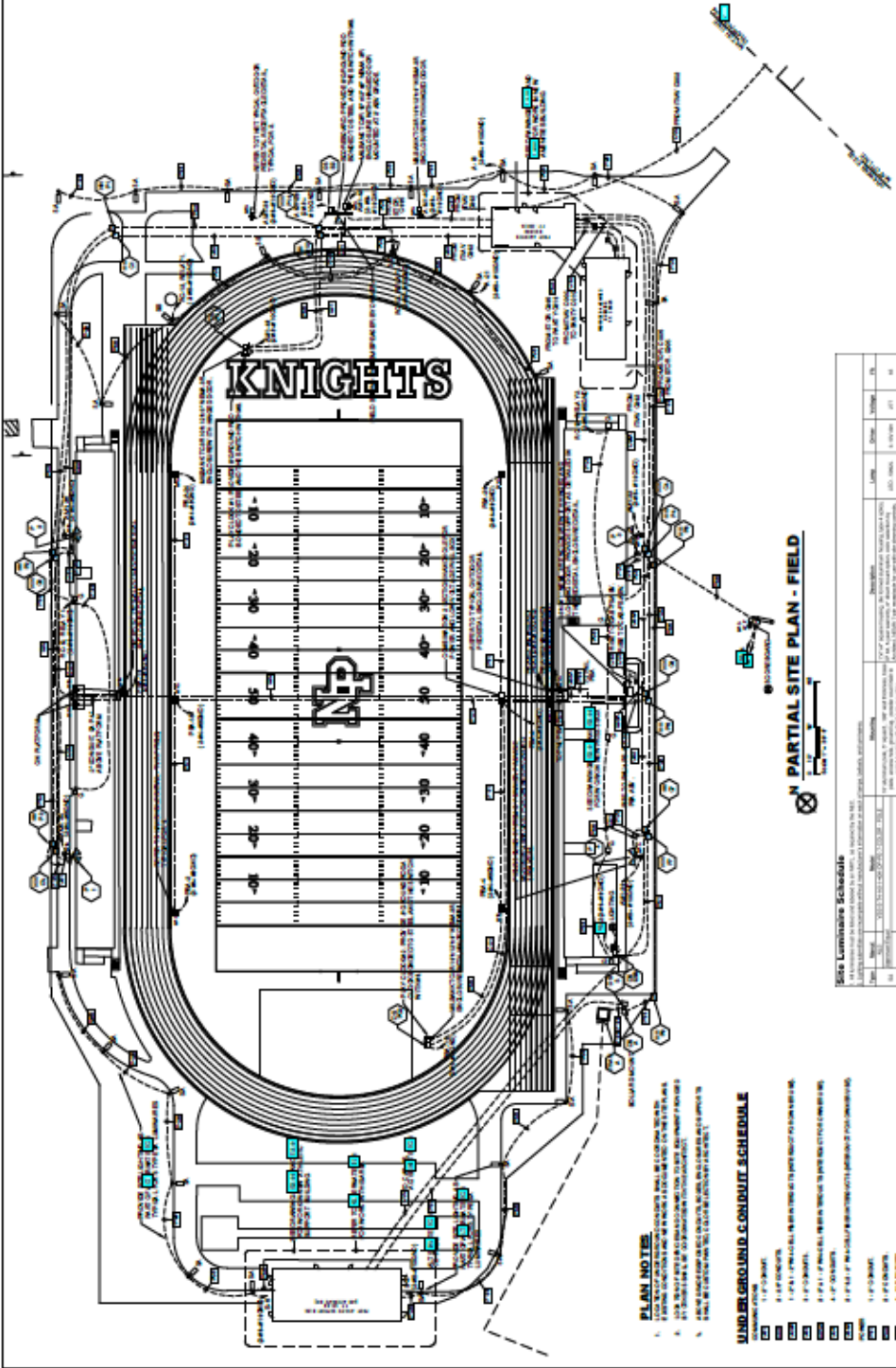
PROJECT TITLE
NORTH PENN
SCHOOL
DISTRICT
CRAWFORD
STADIUM
RENOVATIONS

APPROVED FOR
PROJECT NUMBER
DATE
21 AUGUST 2019

REVISION	DATE

SHEET TITLE
PARTIAL SITE
PLAN - FIELD

SHEET NUMBER
E0.03



NO.	DESCRIPTION	DATE	STATUS
1	EXISTING LANDMARKS TO REMAIN	1/1/2019	AS-BUILT
2	NEW LANDMARKS TO BE INSTALLED	1/1/2019	PROPOSED
3	REMOVED LANDMARKS	1/1/2019	PROPOSED

PLAN NOTES

- SEE SITE PLAN FOR EXISTING UTILITIES.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- ALL UTILITIES SHALL BE DEPTH MARKED AND LOCATED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS.
- ALL MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

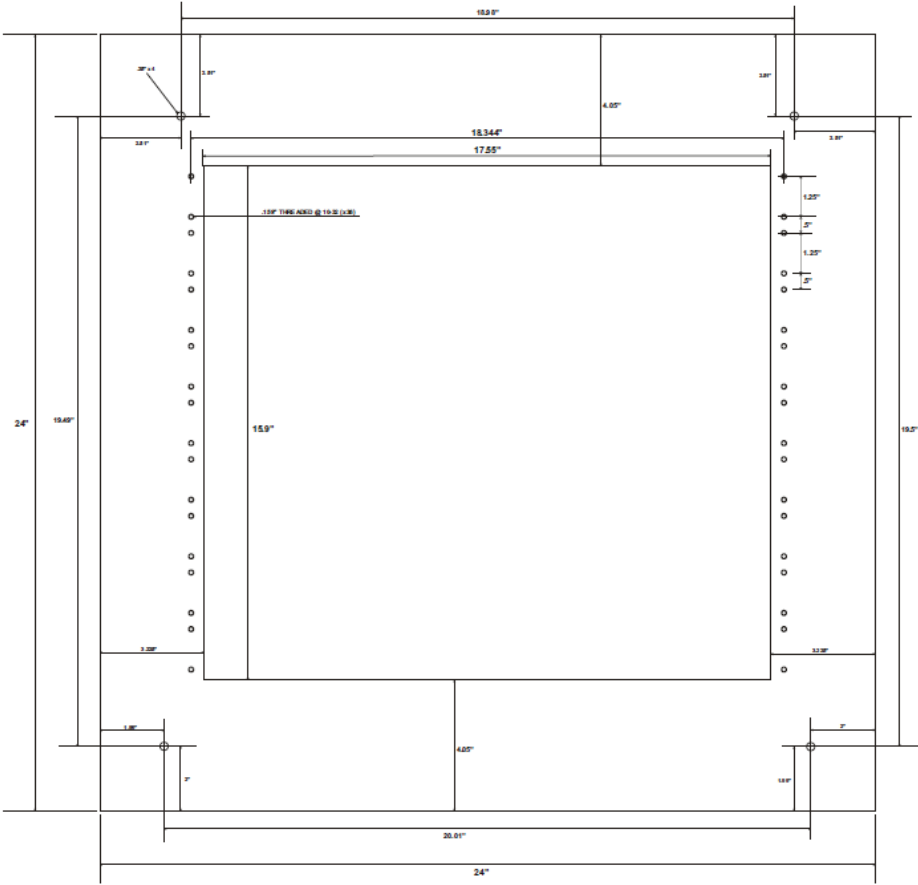
LANDMARK SCHEDULE

- 1 - 1" 20-GAUGE GALVANNEED STEEL
- 2 - 1" 20-GAUGE GALVANNEED STEEL
- 3 - 1" 20-GAUGE GALVANNEED STEEL
- 4 - 1" 20-GAUGE GALVANNEED STEEL
- 5 - 1" 20-GAUGE GALVANNEED STEEL
- 6 - 1" 20-GAUGE GALVANNEED STEEL
- 7 - 1" 20-GAUGE GALVANNEED STEEL
- 8 - 1" 20-GAUGE GALVANNEED STEEL
- 9 - 1" 20-GAUGE GALVANNEED STEEL
- 10 - 1" 20-GAUGE GALVANNEED STEEL
- 11 - 1" 20-GAUGE GALVANNEED STEEL
- 12 - 1" 20-GAUGE GALVANNEED STEEL
- 13 - 1" 20-GAUGE GALVANNEED STEEL
- 14 - 1" 20-GAUGE GALVANNEED STEEL
- 15 - 1" 20-GAUGE GALVANNEED STEEL
- 16 - 1" 20-GAUGE GALVANNEED STEEL
- 17 - 1" 20-GAUGE GALVANNEED STEEL
- 18 - 1" 20-GAUGE GALVANNEED STEEL
- 19 - 1" 20-GAUGE GALVANNEED STEEL
- 20 - 1" 20-GAUGE GALVANNEED STEEL
- 21 - 1" 20-GAUGE GALVANNEED STEEL
- 22 - 1" 20-GAUGE GALVANNEED STEEL
- 23 - 1" 20-GAUGE GALVANNEED STEEL
- 24 - 1" 20-GAUGE GALVANNEED STEEL
- 25 - 1" 20-GAUGE GALVANNEED STEEL
- 26 - 1" 20-GAUGE GALVANNEED STEEL
- 27 - 1" 20-GAUGE GALVANNEED STEEL
- 28 - 1" 20-GAUGE GALVANNEED STEEL
- 29 - 1" 20-GAUGE GALVANNEED STEEL
- 30 - 1" 20-GAUGE GALVANNEED STEEL
- 31 - 1" 20-GAUGE GALVANNEED STEEL
- 32 - 1" 20-GAUGE GALVANNEED STEEL
- 33 - 1" 20-GAUGE GALVANNEED STEEL
- 34 - 1" 20-GAUGE GALVANNEED STEEL
- 35 - 1" 20-GAUGE GALVANNEED STEEL
- 36 - 1" 20-GAUGE GALVANNEED STEEL
- 37 - 1" 20-GAUGE GALVANNEED STEEL
- 38 - 1" 20-GAUGE GALVANNEED STEEL
- 39 - 1" 20-GAUGE GALVANNEED STEEL
- 40 - 1" 20-GAUGE GALVANNEED STEEL

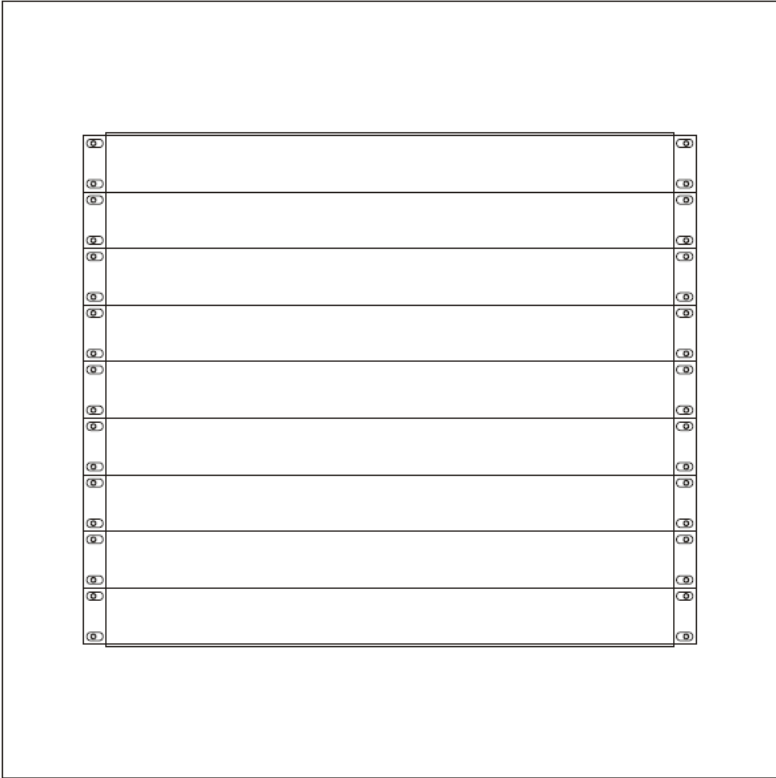
North Penn School District
 Lansdale, Pennsylvania 19446

ATTACHMENT D

BAA-24X24



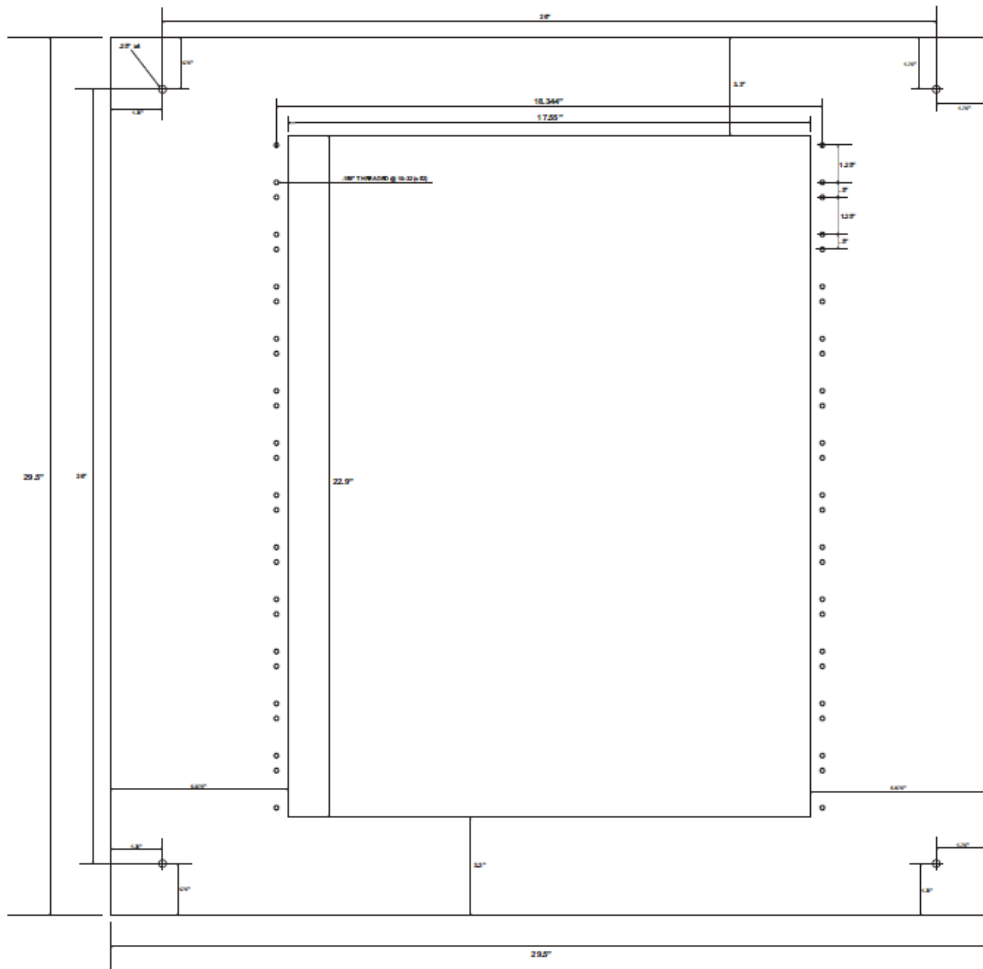
SHOWN WITH 9, 1RU PANELS



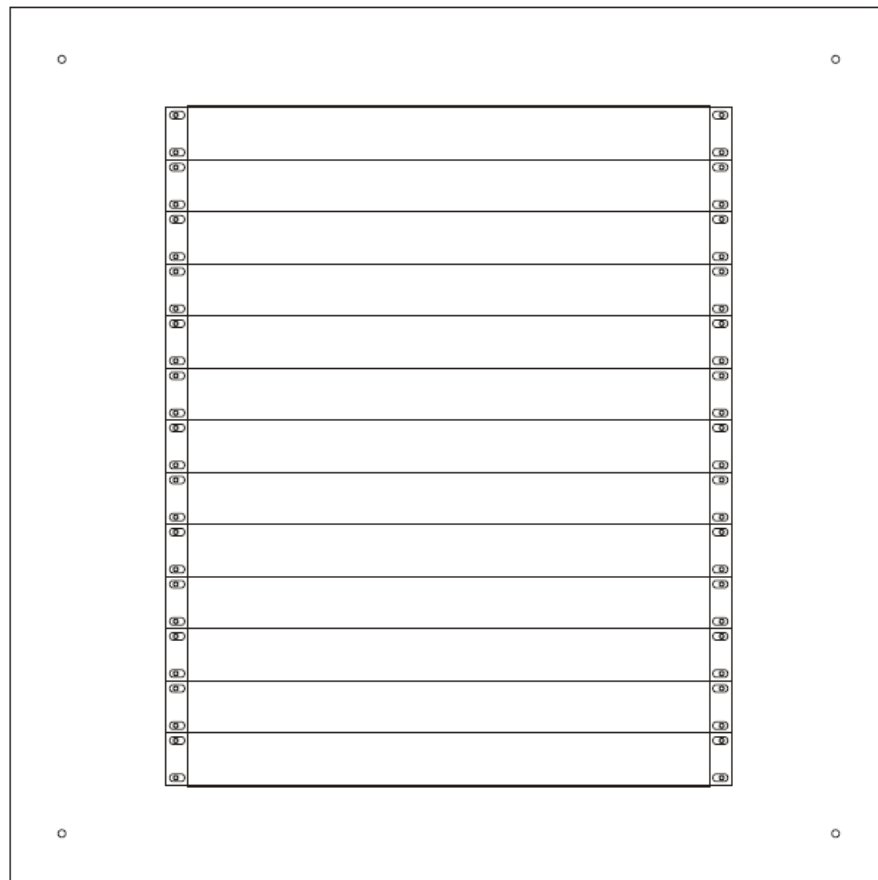
North Penn School District
Lansdale, Pennsylvania 19446

ATTACHMENT E

BAA-29.5X29.5



SHOWN WITH 13, 1RU PANELS

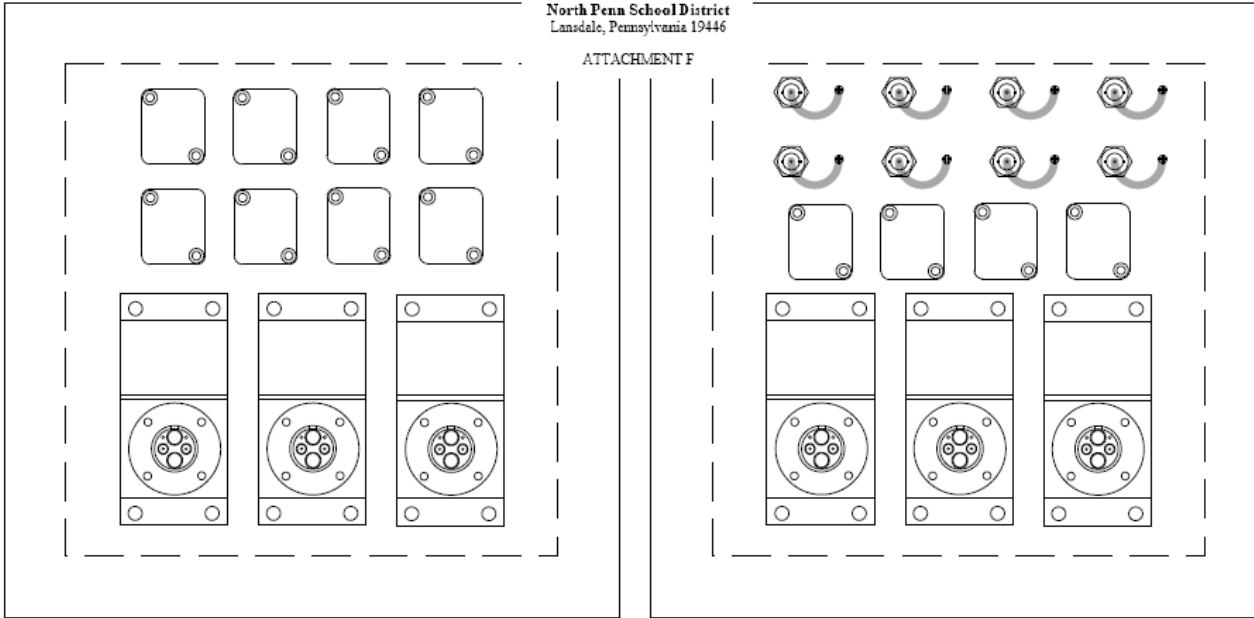


CMP-M3172720-1

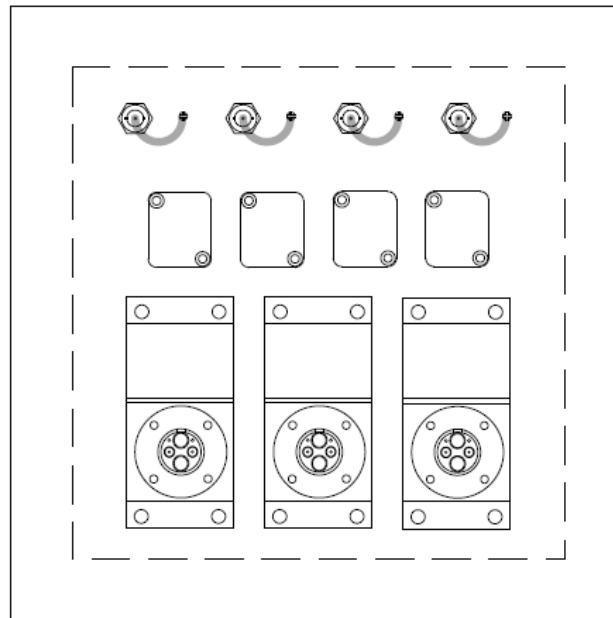
North Penn School District
Lansdale, Pennsylvania 19446

CMP-M3172720

ATTACHMENT F



CMP-M3172720-3



North Penn School District
Lansdale, Pennsylvania 19446

ATTACHMENT G

Parts by Location							
Location	Drawing Location 1	Drawing Location 2	Drawing Location 3	Drawing Location 4	Drawing Location 5	Drawing Location 6	Drawing Location 7
Location Description	Amenities Building Outside Panel to Truck	Inside Press Box	Top PressBox	Home 50 Yard Line	Away 50 Yard Line	Sunny Town Left End Zone	NPHS Right End Zone
3 in 1 Stadium Fiber Cable	Homerun Location for all connections		OCC-CX021HBAB9KA - OCC CX021HBAB9KA SMPTE 3-IN-1 Approx 525 ft	OCC-CX021HBAB9KA - OCC CX021HBAB9KA SMPTE 3-IN-1 Approx. 500 ft	OCC-CX021HBAB9KA - OCC CX021HBAB9KA SMPTE 3-IN-1 approx. 800 ft	OCC-CX021HBAB9KA - OCC CX021HBAB9KA SMPTE 3-IN-1 approx 750 ft	OCC-CX021HBAB9KA - OCC CX021HBAB9KA SMPTE 3-IN-1 approx 275 ft
Single Mode Fiber	Homerun Location for all connections	DX012DSLX9KR-FT - Distribution 12 Fiber Singlemode Ultra-Fox Indoor/Outdoor Riser Black Jacket - Approx 525 ft	DX012DSLX9KR-FT - Distribution 12 Fiber Singlemode Ultra-Fox Indoor/Outdoor Riser Black Jacket - Approx 525 ft	DX012DSLX9KR-FT - Distribution 12 Fiber Singlemode Ultra-Fox Indoor/Outdoor Riser Black Jacket - Approx 500 ft	DX012DSLX9KR-FT - Distribution 12 Fiber Singlemode Ultra-Fox Indoor/Outdoor Riser Black Jacket - Approx 800 ft		
SMPTE Connections	See below (Truck Patch Panel)	CMP-M3172720-2 - Custom10x10 PANEL w/8 ST	3 SMPTE Camera Connections - CMP-M3172720-3 - Custom10x10 PANEL w/ 3 SMPTE FXW and 4 ST	(1) HYMOD-FR2 - Complex HYMOD SMPTE Modular 2RU Frame Kit for 8 HYMOD Modules	(1) HYMOD-FR2 - Complex HYMOD SMPTE Modular 2RU Frame Kit for 8 HYMOD Modules	3 SMPTE Camera Connections CMP-M3172720-1 - Custom10x10 PANEL w/ 3 SMPTE FXW	3 SMPTE Camera Connections CMP-M3172720-1 - Custom10x10 PANEL w/ 3 SMPTE FXW
				(3) HYMOD-2R16 - Complex HYMOD-2R16 45 Degree SMPTE FXW Plug to 2 ST Fiber & 6-Pin AMP for 2RU HYMOD Systems	(3) HYMOD-2R16 - Complex HYMOD-2R16 45 Degree SMPTE FXW Plug to 2 ST Fiber & 6-Pin AMP for 2RU HYMOD Systems		
				(2) HYMOD-2R07 - Complex HYMOD-2R07 4 Senko ST Fiber Feedthru Module for 2RU HYMOD Systems	(2) HYMOD-2R07 - Complex HYMOD-2R07 4 Senko ST Fiber Feedthru Module for 2RU HYMOD Systems		
				(3) HYMOD-2R10 - Complex HYMOD-2R10 Blank Module Panel 0.19 lb. \$19.49 \$58.47 for HYMOD 2RU Frame Kit	(3) HYMOD-2R10 - Complex HYMOD-2R10 Blank Module Panel 0.19 lb. \$19.49 \$58.47 for HYMOD 2RU Frame Kit		
ST Connections	28 Regular Fiber Connections	8 Strand Fiber	4 strand Fiber	8 Strand Fiber	8 strand fiber		
Custom Panel	(1) CMP-M3420323-01 24x24 CUSTOM PANEL	UNDER DESK 1 RU Mounting system	(1) MLB-10126-TC3R - Milbank 10126-TC3R Outdoor Weather Resistant Hinged Cover Junction Box10x12x6	(1) CMP-M3420323-02 Custom 29.5 x 29.5 Panel	(1) CMP-M3420323-02 Custom 29.5 x 29.5 Panel	(1) MLB-10126-TC3R - Milbank 10126-TC3R Outdoor Weather Resistant Hinged Cover Junction Box10x12x6	(1) MLB-10126-TC3R - Milbank 10126-TC3R Outdoor Weather Resistant Hinged Cover Junction Box10x12x6
			(1) MLB-STANDOFF-40 - 4In Standoff Kit for Mill Bank Box			(1) MLB-STANDOFF-40 - 4In Standoff Kit for Mill Bank Box	(1) MLB-STANDOFF-40 - 4In Standoff Kit for Mill Bank Box
Truck Patch Panel at Amenities Building Location 1	Item	QTY		MISC	Item	QTY	
	CMP- M3420323-01 Custom 24 x 24 RU Panel	1			1 PHBL1-CP12 - Middle Atlantic 1RU Blank Rack Panel 12 Pack	1	
	HYMOD-FR2 - Complex HYMOD SMPTE Modular 2RU Frame Kit for 8 HYMOD Modules	2			HF-BP8-KIT - Complex HF-BP8-KIT 6-Pin BP8 AMP Kit - Body Pins and Sockets	45	
	HYMOD-2R17 - Complex HYMOD-2R17 45 Degree SMPTE EDW Plug to 2 ST Fiber & 6-Pin AMP for 2RU HYMOD Systems	15			SMPTE 25' Jumper from Patch to Bus HF-FUWPUW-M-(25') Outside Broadcast SMPTE Fiber Camera Cable (straight plug FUW to free socket PUW)	5	
	HF-OPRP-2 - Complex HF-OPRP-2 2RU 24-Port Simplex Singlemode/Multimode ST Fiber Feedthru Panel	1			FOA-ST-ST-SS-100 - ST to ST Fiber Adapter Simplex / Singlemode with Zirconia Sleeve & Metal Thread- 100 Pack	1	
	HF-OPRP-1 - Complex HF-OPRP-1 1RU 12-Port Simplex Singlemode/Multimode ST Fiber Feedthru Panel	1			1 Barrel St connectors for install ST/Hymod ST	1	