

**WOODBIDGE SCHOOL DISTRICT
New Woodbridge High School
Bid Pac A**

ADDENDUM NO.4

27 July 2012

Woodbridge School District
New Woodbridge High School
Woodbridge Road
Greenwood, Delaware 19950

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BIDS DUE:

1 August 2012

LOCATION:

Woodbridge High School

ARCHITECT'S PROJECT NO: 11109

1.0 NOTICE TO ALL BIDDERS:

- 1.1 Bidders are hereby notified that this Addendum shall be and hereby becomes part of their Contract Documents, and shall be attached to the Project Manual for this project.
- 1.2 The following items are intended to revise and clarify the Contract Documents, and shall be included by the Bidder in their proposal.
- 1.3 Bidders shall verify that their sub-bidders are in full receipt of the information contained herein.

2.0 QUESTIONS:

- 2.1 **Q:** For the trap priming system, can we get clarification which drains will need trap priming lines? The code can be ambiguous on this issue. Also, will we be responsible for the trap priming stations mounted on the wall or will they be in the next bid package?

A: All drains are to have trap priming lines. Trap Priming station locations were shown for reference. Units will be provided under main building Bid Pac.

- 2.2 **Q:** Will the engineer consider using rubber trap guards in lieu of trap priming lines?

A: Rubber trap guards will not be considered.

2.3 **Q:** Drawing P20-05 detail #4 shows a 6" fire line and a 1" tank fill line. Should I include these lines in my bid? Also, is this building part of Bid Pac A?

A: Yes, provide these lines.

2.4 **Q:** Drawing EP11-01A, Waiting Area "001" – There is a note 4, but the conduit in this area is 1" Please advise.

A: Under slab conduit in Waiting Area 001 shall be 1 inch and shall have a 4 inch minimum stub up at receptionist desk/casework. Coordinate location with casework installer and security vendor.

2.5 **Q:** Drawing EP11-01B, Gym "G100-1" shows a note 5 for the conduit, there is no note 5 on the Drawing EP11-01B. Please advise as to the conduit size.

A: Conduit referenced by Note #5 shall be ¾" conduit in slab.

2.6 **Q:** Drawing EP11-01F, Notes 7,9 and 11. – What size J Box will be required?

A: Refer to Contract Drawing E30-02 and E30-03 for floor boxes identified by note #7 on Contract Drawing EP11-01F.

Drawing EP11-01F is to be replaced in its entirety. See attached PDF.

2.7 **Q:** Drawing EP11-02D, Science lab "402-2 and 406," shows no floor boxes, where and how are we to terminate the conduits? Please advise.

A: Drawing EP11-02D is to be replaced in its entirety. See attached PDF.

2.8 **Q:** On drawing S11-01B, there is a note referring to "Encase columns in concrete down to 'minus 2'. The detail "S30-01" that cuts thru the section in question does not exist. How many columns are involved, how high do we encase the column, etc.?

A: Section bubble on plan should read 11/S31-01. It is a typical isolation joint detail except that top of footing is -2'-0". It applies to all interior footings of Locker Rooms (all footings denoted as (-2'-0") top of footing.

2.9 **Q:** On drawing PD11-01D, it shows underground domestic water copper piping in the science lab. Spec section 220505,2.1, 3a states no joints below grade. There are tees in the piping under the science lab. How are we to provide tees if we cannot use joints?

A: You may provide tees underground within the copper piping that serves the science lab.

2.10 **Q:** Drawing S11-01F show a cast in place wall along stage front. Please provide detail for wall, thickness, reinforcing, etc. Also need the same information for the wall foundation.

A: Reference S-SK-15 (21/S31-01)
Reference S-SK-16 (22/S31-01)
Issued in Addendum #3

2.11 **Q:** The structural notes call for a 2-1/2" (4" total) concrete thickness on the second floor decks. The section details call for a 6" total thickness. Please respond.

A: Framing note #3 says unless noted otherwise (UNO). Plan note adjacent to smaller unit specifies 6" (total thickness) slab with #4 @ 12" o.c. each way.

2.12 **Q:** Do we need to account for lightning protection raceways in the foundation walls as part of this bid pack? If so, can you please inform me of the locations of these raceways and the size of the conduit to be installed?

A: Assume 1 ¼" sleeves, capped inside and outside the building at every other column location.

2.13 **Q:** There is an area on drawings P20-05, Part plan 4, that does not appear on the sanitary riser diagrams. What is this and are we supposed to include it in our base bid?

A: They are indicated on the referenced part plan is the remote pump house that serves the domestic well water service/equipment and the fire protection central plant equipment.

The underground sanitary shown on this part plan will need to be included within this Bid Pac. A riser was not done, but all pipe sizes and floor drain types are shown within the part plan.

2.14 **Q:** Do we own the 2" forced main discharge pipe from the future elevator sump pump shown on drawing PS11-01D?

A: Yes. Include the piping shown for the forced main up to the point the piping stubs up above the building slab.

2.15 **Q:** Are we sure that semi-rigid epoxy is to be used with the cork expansion joint around perimeter against the cmu? This material will not flex. Will it be in saw joints only?

A: Semi-rigid epoxy is currently not shown in isolation joint details and is not required in 1/8" saw joints.

2.16 **Q:** On drawing EP11-02D, the two science labs show conduit in the slab and the runs just stop in the middle of the floor. Are these runs supposed to turn up out of the slab or go to a floor box? Please inform me on how to proceed with these conduits.

A: Drawing EP11-02D is to be replaced in its entirety. See attached PDF.

2.17 **Q:** Our scope of work asks us to provide an alternate price for the under the slab work for the stadium support facility, however, there is no electrical drawing of this building to scale. Can you please inform me on how I should proceed with pricing for that building?

A: Conduits shall stub up a minimum of 4 inches AFF in Storage 110. Refer to Architectural Drawings A-STAD for location of Storage 110. Refer to attached EP-13.01 PDF.

3.0 CHANGES TO THE PROJECT MANUAL:

Volume 1 Project Manual

3.1 REPLACE existing section 011100 Summary of Work with the revised version attached to this Addendum.

3.2 Reference section 002113 Instructions to Bidders and INSERT paragraph as follows:

11.7 Preference for Delaware labor. -- In the construction of all public works for the State or any political subdivision thereof or by firms contracting with the State or any political subdivision thereof, preference in employment of laborers, workers or mechanics shall be given to bona fide legal citizens of the State who have established citizenship by residence of at least 90 days in the State. Each public works contract for the construction of public works for the State or any political subdivision thereof shall contain a stipulation that any person, company or corporation who violates this section shall pay a penalty to the Secretary of Finance equal to the amount of compensation paid to any person in violation of this section.

Volume 2 Project Manual

3.3 Section 142400 – Hydraulic Elevators

- 3.3.1 Reference paragraph 2.8 Passenger Elevators; 7. Car enclosures; REVISE polished stainless steel finish on items d, e, g, h, and k. Finish for these items to be Stainless Steel, ASTM A 167, Type 302 or 304, with No. 4 satin finish.

4.0 CHANGES TO THE DRAWINGS:

Volume 1 Drawing Set

4.1 REPLACE the following Civil Drawings included in this Addendum:

- C-1: Cover Sheet
- C-3: Post-Bulk Erosion & Sediment Control Plan
- C-4: Grading, Drainage, & Utility Plans
- C-5: Grading, Drainage, & Utility Plans
- C-6: Grading, Drainage, & Utility Plans
- C-7: Grading, Drainage, & Utility Plans
- C-8: Grading, Drainage, & Utility Plans
- C-9: Site Layout, Signage, and Striping Plan
- C-10: Site Layout, Signage, and Striping Plan
- C-11: Site Layout, Signage, and Striping Plan
- C-12: Site Layout, Signage, and Striping Plan
- C-17: Site Construction Details

Volume 2 Drawing Set

4.2 Reference drawing T10-01B Table of Contents and insert reference to EP13.01 Stadium Support Facility First Floor Plan Electric New Work.

4.3 Drawing S11-01B:

- a. At 24'-4" opening above (3) entry doors into gym between AG & AH and A7.2 & A5.9: Provide a continuous WF4 footing that extends 4'-0" past the outermost door jambs. In gym wall, provide 16"x16" fully grouted cmu piers at the outermost door jambs reinforced w/ (4) #7 dowels and verticals. In the 12" cmu wall on the lobby side provide 12"x16" fully grouted cmu piers at the outermost door jambs reinforced w/ (4) #6 dowels and verticals.
- b. At 6'-4" openings above (3) entry doors into gym between AG & AH and A7.2 & A5.9: Provide 12"x16" fully grouted cmu piers at each door jamb ((4) total) reinforce w/ (2) #7 dowels and verticals.

4.4 Drawing S11-02B:

- a. At 24'-4" opening above (3) entry doors into gym between AG & AH and A7.2 & A5.9: Provide continuous W16x77 lintel w/ 3/8" x 1'-8" continuous bottom plate in gym wall and W16x67 continuous lintel w/ 3/8" x 11 1/2" continuous bottom plate in lobby wall. Bear lintels 12" at each end. Reference 7/S32-06 for additional information.

4.5 Drawing S11-02E:

- a. Provide HSS8x8x3/8 at jambs of (2) overhead doors between kitchen and cafeteria that are continuous from 8" below finished floor to kitchen roof structure. Cope the portion of the HSS jamb above the header and provide 3/8" cover plate continuously welded to allow cmu face shell to continue past HSS jamb above header – reference architectural drawings. Provide a vertical slip connection at jamb to roof framing. Provide HSS8x8x1/2 header fully welded to jambs at both overhead door openings.

4.6 Drawing S11-05B:

- a. The roof overhang along AJ will be approximately 3'-4" from the column line. In place of the bent plate indicated in Addendum #3, provide W6x9 outriggers fitted and shop welded to the W16 spandrel beams, and to the columns (nine outriggers total). Provide continuous angle 3x3x1/4 field welded to end of outriggers.

4.7 Drawing S11-05D:

- a. Drawing S11-05D show section 9/S32-01 cut at the gable end of the four low dormers above the storefront bump-outs. Detail 9/S32-01 (similar) will also apply to the gable overhang for the upper dormer in the main roof at these four locations.

4.8 ADDENDUM NO. 3 SKETCH CLARIFICATIONS

- a. INSERT attached sketches S-SK-4, S-SK-5, S-SK-6, S-SK-7, S-SK-9, S-SK-12, and S-SK-13. These sketches were originally issued in Addendum 3 and have been cleaned up to clearly show section cuts.
- b. INSERT attached sketch S-SK-22. This sketch was originally issued in Addendum 3. The previous dimension has been revised to read "REF ARCH"

4.9 ADD attached sketches S-SK-28 thru S-SK-32 for additional modifications.

4.10 REPLACE drawing EP11-01F and EP11-02D in their entirety with those attached to this Addendum.

4.11 ADD drawing EP-13.01/

4.12 ADD attached sketches: E-SK-02 & E-SK-03 for additional information.

END OF ADDENDUM NO. 4

SECTION 01 11 00 - SUMMARY OF WORK

1. RELATED DOCUMENTS

1.1 Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Sections, apply to work of this Section.

2. CONTRACTS

2.1 The work will be performed under separate prime contracts managed by the Construction Manager.

3. ALTERATIONS & COORDINATION

3.1 Contractor shall be responsible to coordinate their work with the work of others, including, but not limited to, the preparation of general coordination drawings, diagrams and schedules, and control of site utilization, from the beginning of activity, through project close-out and warranty periods.

4. KNOWLEDGE OF CONTRACT REQUIREMENTS

4.1 The Contractor and his Subcontractors, Sub-subcontractors and material men shall consult in detail the Contract Documents for instructions and requirements pertaining to the Work, and at his and their cost, shall provide all labor, materials, equipment and services necessary to furnish, install and complete the work in strict conformance with all provisions thereof.

4.2 The Contractor will be held to have examined the site of the Work prior to submitting his proposal and informed himself, his Subcontractors, Sub-subcontractors and material men of all existing conditions affecting the execution of the Work.

4.3 The Contractor will be held to have examined the Contract Documents and modifications thereto, as they may affect subdivisions of the Work and informed himself, his Subcontractors, Sub-subcontractors and material men of all conditions thereof affecting the execution of the Work.

4.4 The Scope of Work for the Contract is not necessarily limited to the description of each section of the Specifications and the illustrations shown on the Drawings. Include all minor items not expressly indicated in the Contract Documents, or as might be found necessary as a result of field conditions, in order to complete the Work as it is intended, without any gaps between the various subdivisions of work.

4.5 The Contractor will be held to be thoroughly familiar with all conditions affecting labor in the area of the Project including, but not limited to, Unions, incentive pay, procurements, living, parking and commuting conditions and to have informed his Subcontractors and

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Sub-subcontractors thereof.

5. CONTRACT DOCUMENTS INFORMATION

- 5.1 The Contract Documents are prepared in accordance with available information as to existing conditions and locations. If, during construction, conditions are revealed at variance with the Contract Documents, notify the Construction Manager immediately, but no more than three (3) days from the day the variance is first known. Failure to give timely notice shall operate to waive any claim Contractor might otherwise have for an adjustment to Contract Time or Sum as a consequence of such variance.
- 5.2 The Specifications determine the kinds and methods of installation of the various materials, the Drawings establish the quantities, dimensions and details of materials, the schedules on the Drawings give the location, type and extent of the materials.
- 5.3 Dimensions given on the Drawings govern scale measurements and large scale drawings govern small scale drawings, except as to anything omitted unless such omission is expressly noted on the large scale drawings.
- 5.4 The techniques or methods of specifying to record requirements varies throughout text, and may include "prescriptive", "open generic/descriptive", "compliance with standards", "performance", "proprietary", or a combination of these. The methods used for specifying one unit of work has no bearing on requirements for another unit of work.
- 5.5 Whenever a material, article or piece of equipment is referred to in the singular number in the Contract Documents, it shall be the same as referring to it in the plural. As many such materials, articles or pieces of equipment shall be provided as are required to complete the Work.
- 5.6 Whenever a material, article or piece of equipment is specified by reference to a governmental, trade association of similar standard, it shall comply with the requirements of the latest publication thereof and amendments thereto in effect on the bid date.
- 5.7 In addition to the requirements of the Contract Documents, Contractor's work shall also comply with applicable standards of the construction industry and those industry standards are made a part of Contract Documents by reference, as if copied directly into Contract Documents, or as if published copies were bound herein.
- 5.8 Where compliance with two (2) or more industry standards, contract requirements, or sets of requirements is specified, and overlapping of those different standards or requirements establishes different or conflicting minimums or levels of quality, then the most stringent requirements, which are generally recognized to be also the most costly, is intended and will be enforced, unless specifically detailed language written into the Contract Documents clearly indicates that a less stringent requirement is to be fulfilled. Refer apparently equal but different requirements, and uncertainties as to which level of quality is more stringent, to Architect for decision before proceeding.

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- 5.9 Reference standards referenced directly in Contract Documents or by governing regulations have precedence over non-reference standards which are recognized in industry for applicability of work.
- 5.10 Contractor's bid is based on the complete set of Contract Documents including documents not specifically issued as part of the bid pack but referenced in same.

6. SCOPE OF WORK/GENERAL INFORMATION

- 6.1 A Scope of Work for each contract to be awarded on the project follows in this section. When a Contract has been awarded to a Contractor, the successful Contractor will be listed after the title of the Contract. When no Contract has yet been awarded, no Contractor's name will be listed. Previous Scopes of Work include addendum changes.
- 6.2 Contractor is responsible for performing the work listed in the Summary of Work for his contract. Contractor is also responsible for knowing the work that has been assigned to preceding contracts. No additional compensation or extension of time will be allowed a Contractor due to his ignorance of the work assigned to his Contract or to other contracts which may affect his work. The Contractor is responsible, however, for all items which are covered in the Specifications and Drawings relating to their Contract if not specifically mentioned in the Summary of Work.
- 6.3 The Construction Manager will provide on site a source for temporary electric, temporary water and portable sanitation facilities only. It is each Contractor's responsibility to make the necessary connections, including all material for temporary electric and water. Please note that utility charges for office trailers will be the responsibility of the individual Contractors.
- 6.4 A dumpster will be provided on site for free use by Contractors to dispose of non-hazardous, common, work-related refuse. Clean-up is the responsibility of each Contractor. Clean up shall be performed on a daily basis. Contractors not complying will be advised in writing and back charged for all costs associated with the clean up of their work.
- 6.5 Contractors are reminded that there are limited storage areas available on site. Off site storage will be the responsibility of each individual Contractor.
- 6.6 Office trailer permits off site will be the responsibility of each individual Contractor. On site Contractor's field offices, one (1) per Contractor, if required, will be located as directed by the Construction Manager.
- 6.7 Contractor will be prepared to discuss and submit a detailed project schedule seven (7) days after receipt of Notice to Proceed and to begin its submittal process. The Project

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Schedule is an integral part of this contract. Certain construction sequences and priorities must take place in order to meet the target dates. Concentrated work periods will occur and each Contractor is responsible to staff the project as required by the current Construction Schedule or as directed by the Construction Manager. Contractor will cooperate with the Construction Manager in planning and meeting the required sequences of work and Project Schedule as periodically updated by the Construction Manager.

- 6.8 All bids must include insurance limits in accordance with Article 11 of the Section 00 73 00 SUPPLEMENTARY CONDITIONS.
- 6.9 Hoisting, scaffolding and material handling is the responsibility of each Contractor, unless otherwise noted.
- 6.10 Contractor will be responsible for layout of its own work. The Construction Manager will provide benchmark and layout of the building line.
- 6.11 Contractor will be responsible to keep clean public roadways soiled by construction traffic on a daily basis. If cleaning is not done, the Construction Manager may perform the cleaning on an overtime basis and backcharge the Contractor responsible.
- 6.12 Contractor Scopes of Work and Schedule are interrelated. Familiarity with each is required.
- 6.13 The Construction Manager will provide testing services for soil, concrete and steel. Other testing as required by the Contract Documents will be in accordance with the technical specifications and/or the individual scope of work. Refer to Specification Section 00 45 00 - QUALITY CONTROL.
- 6.14 Safety is the responsibility of each individual Contractor. The project will be governed under the guidelines of OSHA.
- 6.15 Inter-Contractor shop drawing distribution will be performed by the Construction Manager. Contractor is individually responsible for either coordinating his work with these distributed drawings or notifying the Construction Manager, in writing, of any discrepancies.
- 6.16 Coordination with other trades will be required. The Contractor will be required to attend periodic coordination meetings with other trades where requirements, conflicts and coordination issues will be discussed and resolved. Attendance when requested will be mandatory. If inter-Contractor coordination is not satisfactorily performed, the conflicting Contractors shall mutually share the cost to relocate and/or reinstall their work.
- 6.17 Contractor shall submit a schedule of values to the Construction Manager prior to the

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submission of their first invoice for approval on AIA G702/CMA, Application for Payment and G703, Continuation Sheet.

- 6.18 Contractor is expected to review and coordinate its Work with the complete set of Contract Documents, including all items noted as by his trade whether or not shown on that particular set of drawings. Documents are available at the site for review.
- 6.19 Contractor is responsible for obtaining all necessary permits required for his work, including street permits. Unless otherwise noted, building permit shall be secured by the Construction Manager. Any subcontractor who will be restricting access to street, right of way or adjacent property must notify the Construction Manager 48 hours in advance.
- 6.20 Contractor's License: Submit a copy of all business licenses required by local and state agencies.
- 6.21 Contractor shall absorb, without additional compensation, any and all costs of working beyond normal hours to maintain job progress in accordance with the current construction schedule.
- 6.22 No asbestos or PCB's in or on any material or equipment will be accepted or allowed on this project. All hazardous materials will be treated in accordance with all State and Federal regulations.
- 6.23 Daily clean up of the work is the responsibility of each individual Contractor which includes broom cleaning of their debris as required. Contractor will be individually back charged by the Construction Manager for clean up not satisfactorily performed by the Contractor.
- 6.24 In the event asbestos is uncovered, the Contractor shall notify the Construction Manager of the areas requiring removal of asbestos. The Construction Manager shall then coordinate the removal with the Owner.
- 6.25 This project is to be constructed adjacent to and in existing buildings. Contractor shall exercise all due precautions to minimize noise, air pollution and any other construction hazards which in any way would cause discomfort or danger to the occupants of the existing building in the area.
- 6.26 Existing mechanical, electrical, plumbing, sprinkler, medical gas, fire alarm, etc. systems will be shut off and locked out by the Owner as required by the Work. Tie-in's and modifications to those systems will be performed by the specific Contractor associated with the work as indicated in the Contract Documents. Re-energizing and re-start up of all systems should be performed by the Owner.
- 6.27 The Safety Cable System shall not be altered or removed without a written request

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submitted to the Project Manager with a copy to the Field Manager. It shall be the responsibility of each and every Contractor that is removing or altering the Safety Cable System to maintain the fall protection safety provided by the safety cable and not leave the area unprotected. Each and every Contractor shall be responsible to re-install the Safety Cable System immediately after work is completed. Each and every Contractor shall be responsible to re-install the Safety Cable System in accordance to OSHA standards.

- 6.28 Normal work hours for this project are from 7:00 a.m. to 3:30 p.m. Any work to be performed outside of these hours must receive prior approval from the Construction Manager. Requests to work beyond normal work hours shall be submitted at least 48 hours prior.
- 6.29 Contractor is responsible for having a competent project superintendent/foreman on-site during all work performed under its contract.
- 6.30 In the event the Contractor has non-English speaking employees or subcontractors on the project, they shall have a superintendent or foreman on site, at all times, who speaks English and can communicate with Contractor's employees. Should the Contractor fail to meet this requirement, at any time, Construction Manager may direct all Work to stop until the proper supervision is on site. The Contractor will be responsible for maintaining the project work schedule and make up at its own expense, any delay to the Schedule resulting from the work stoppage.
- 6.31 Punch List Procedures: Contractor shall be given a copy of the punch list with his appropriate work identified. Contractor shall have nine (9) calendar work days to complete its punch list work. On the 10th day or as determined by the Construction Manager, the Construction Manager shall employ other contractors, as required, to complete any incomplete punch list work and retain from the appropriate Contractors retainage all costs incurred.
- 6.32 Contractor shall provide the necessary safety barricades and railings required to complete their work and comply with all OSHA, local code and contract specifications.

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CONTRACT NO. A-01 - SITEWORK

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 033000	Cast-In-Place Concrete
Section 055000	Metal Fabrications
Section 220500	Common Work Results for Plumbing
Section 220505	Plumbing Piping, Fitting and Valves
Section 221329	Duplex Grinder Pump Stations
Section 221330	Vortex Sanitary Sewerage Pumps
Section 221332	Pump Station Equipment and Fiberglass Wet Well
Section 221335	Integrated Pump Control System
Section 224005	Plumbing Equipment
Section 311000	Site Clearing
Section 312000	Earth Moving
Section 321216	Hot-Mix Asphalt Paving
Section 321313	Portland Cement Concrete Paving
Section 321823	Tennis Court Surface
Section 321824	Sports Equipment
Section 322210	Erosion and Sediment Control
Section 322510	Water Distribution
Section 323113	Chain Link Fences and Gates
Section 329200	Turf and Grasses
Section 330100	Sanitary Sewer Pressure Pipe
Section 330200	Sanitary Sewer Manholes and Miscellaneous Structures
Section 334100	Storm Drainage & Sanitary Sewerage

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide sitework, storm, sanitary and water utilities, paving, curbs, walks, topsoil/seedling required for stabilization.
2. Furnish, install, maintain and remove sediment control system including sediment control plan. Maintain sediment control until substantial completion established by DNREC.
3. Provide DNREC-required storm water maintenance for the existing bio-swale and pond areas.
4. Provide clearing, grubbing and removal of trees, roots and stumps as necessary to

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accomplish the work of this contract.

5. Provide topsoil stripping and stockpiling as necessary to accomplish the work of this contract.
6. Remove the existing stockpile from the building footprint and stockpile in designated area. It is the intent to use on site material and not imported fill. The use of this onsite material shall conform with the compaction requirements as specified in the Contract Documents. If the on site material does not meet those requirements or if there is insufficient on site material available, this contractor shall import at no additional expense to the project sufficient material to complete the work.
7. This Contractor is responsible for the layout of bulk excavation. This Contractor to extend the bulk excavation outside building plan in order to facilitate foundation construction and maintain safety requirements.
8. Stockpiled materials can be considered suitable for reuse as structural fill materials 15' outside the building perimeter. Excavated site materials conforming to the requirements are suitable for reuse as structural utility backfill and in structural areas of mass earthwork construction. Stockpile materials required to be used as backfill will be tested and approved. All required fill materials under footings and backfill will be offsite structural borrow. *Remove stockpile at Drill Area in front of Camp Raider. Assume 700 cubic yards.*
9. Provide additional topsoil at building perimeter. Assume a 2' wide area, 12" deep around the entire exterior building footprint.
10. Provide alternate price to leave excess materials on site at designated stockpile location. *Reference Alternate No. 3.*
11. Provide rough grading and fine grading for area defined on site drawings for building, lawn areas, bituminous roads, parking and walkways. Preparation of subgrade for building slabs, walks and pavements.
12. Furnish, install and maintain select imported fill under slab.
13. The Sitework Contractor will bring the area beneath the building to an elevation that is 8 inches below finished concrete elevation. The area will then be turned over to the Concrete Contractor who will be excavating and installing the foundations. It will be the responsibility of the Sitework Contractor to maintain all open excavations and dewater as required until the excavation work is turned over to the Concrete Contractor. Once the Concrete Contractor has accepted this work it will be the responsibility of the Concrete Contractor to maintain and dewater all excavations until the concrete work is complete. The Concrete Contractor and the Stiework Contractor are to coordinate this procedure so that there are no additional costs to the Owner for additional excavation or concrete. Backfilling around the foundation walls, inside and outside, will be the responsibility of the Concrete Contractor.

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14. Provide a certified construction reviewer (CCR) to perform inspections and provide written reports; signed and sealed by a professional engineer.
15. Provide all permits related to work for this project outside of the building permit.
16. Provide entrance work at Woodbridge Road (rebuilding of road and overlay of road). Provide DelDOT permits related to work for this project. Relocation of existing utility poles will be by Delaware Co-operative.
17. Furnish, install and remove temporary orange construction fencing as required by Construction Manager (including 1,000 linear feet in base bid).
18. Remove/relocate utilities including, but not limited to the removal of light standards.
19. Provide proof rolling of limit of excavation.
20. Provide on site water supply system complete (well, pumps, control equipment in pump house, water storage tank, etc.). Extend water services to New High School, Camp Raider, existing Ag Building and Stadium Support Facility. Provide cap and valve with blow off for future Greenhouse. Provide meter vault. Provide protection of existing wells and cleanouts.
21. Provide force main work complete. Provide wet tap at Adams Road, extension of the force main into site and to New High School, Camp Raider, existing Ag Building and Stadium Support Facility, three (3) pumping stations.
22. Provide fire hydrant.
23. Provide sanitary sewer manholes, piping, cleanouts and appurtenances. The sewer piping shall extend to within +/- 5 feet of the building lines. The connection from this point will be brought into the buildings by the Underslab Plumbing Contractor.
24. Provide storm drainage catch basins, manholes, piping, rainwater collection piping and appurtenances. The Sitework Contractor is responsible for the rainwater collection piping from the system to the downspout boots, *including* ~~including~~ providing the downspout boots. Boot locations to be coordinated with the Roofing Contractor.
25. All utilities shall be brought to within +/- 5 feet of the building lines (New High School, Stadium Support Facility, Camp Raider and Ag Building) by this Contractor. The connection and all utilities from +/- 5 feet and into the building shall be by others.
26. Filling and backfilling as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with Del Dot standard specifications.
27. Provide access for the Elevator Contractor to the cylinder hole and dispose of spoils from the

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- cylinder excavation.
28. Provide perimeter protection of all excavated areas until suitably backfilled.
 29. Provide pipe and backfill for foundation drainage.
 30. Provide and maintain stabilized site entrances.
 31. Provide street cleaning of mud, etc. on a daily basis.
 32. Include all costs for temporary barricades, arrows, pedestrian protection, flagmen, etc. required to complete the work.
 33. Base bid shall include all standard dewatering measures; utilizing trenches, crocks, stone and portable pumping measures. This Contractor to provide these measures as required to perform their work. Well pointing if necessary will be handled as a negotiated cost by the Owner.
 34. This Contractor shall provide and maintain all temporary access roads around the perimeter of the building footprint. The road is to be constructed of stabilized stone material, crushed concrete or asphalt millings. Road will be 24' wide and 12" thick. Maintain for a duration of 24 months.
 35. Temporary water will be *available on site*. ~~the responsibility of the individual Contractors. The Construction Manager will not provide this service.~~
 36. Temporary electric will be the responsibility of this Contractor for his own work.
 37. Provide alternate #1 pricing to add Tennis Courts, *sidewalks, nets, line striping* and fencing.
 38. Provide alternate #2 pricing to add Stadium Support Building.
 - ~~39. Provide alternate #3 pricing to leave excess materials on site.~~
 40. Provide sawcutting and demolition required for paving, walks and curb rework and tie ins. Provide demolition of existing fencing and gates as required. Salvage gates and fence mesh as indicated on the plans. Provide new fencing and gates.
 41. Remove and relocate existing bleachers for new field construction.
 42. Remove existing fields, cap existing irrigation well, demolish and remove well enclosure, structure and associated wiring, conduit and site improvements. Include required DNREC permits.
 43. Relocate existing goal posts and field related items for new fields. Relocate existing shot put

Changes appear in italics – deletions have been struck thru

areas.

44. Provide grading and storm piping at Future Play Areas.
45. Provide grease trap.
46. Provide concrete encasements for utility crossing, piping and water utility crossing separation and bends with thrust blocks for water lines.
47. Provide exterior concrete curbs, ADA depressed curbs and transition curbs, aprons, walks, ramps and steps. Provide cast metal nosings with abrasive treads. Provide exterior door stoops.
48. Provide asphalt walking paths to and between athletic fields as shown. Provide pavers and include a \$10,000 allowance for the radial decorative "W" logo at the new student drop off.
49. Provide paving, precast parking bumpers, all signage and striping. Provide Camp Raider drill area. Provide all payment markings, fire lane signs and traffic signs.
50. This Contractor shall include in the Base Bid the cost of remobilization, cleaning and tack coating the asphalt base course in order to install the asphalt top coat.
51. Provide retaining wall construction, *including foundation and wall construction. Provide loading dock construction, loading area concrete pad and dumpster pad. Provide trench drain at loading dock. Loading dock foundation wall construction will be provided by the Concrete Contractor.*
- ~~52. Provide electrical transformer pad.~~
53. Provide mechanical equipment pad.
54. This Contractor will prepare firm, properly graded and well drained areas for the Structural Steel Contractor to state the steel and set up their crane for erection.
55. Landscaping will be bid under Bid Pac B. The work of the Sitework Contract included in Bid Pac A is limited to topsoil and seeding only.
56. Contractor to include a \$20,000 allowance in their Base Bid for miscellaneous sitework as determined by the Construction Manager.
57. Provide bollards indicated on the Civil Drawings.

Changes appear in italics – deletions have been struck thru

CONTRACT NO. A-02 - CONCRETE

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 033000	Cast-In-Place Concrete
Section 071110	Under Slab Vapor Retarder
Section 071416	Cold Fluid-Applied Waterproofing
Section 072100	Thermal Insulation

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide concrete foundations, footings, stepped footings, piers, wall footings, grade beams, elevator pit walls and slab, foundation walls, excavation and backfill for foundation work, concrete slabs on grade, slabs on deck, stepped slabs for seating, thickened slabs, depressions and recessed slabs and reinforcing for the above.
2. This Contractor will be responsible for laying out all concrete work as shown on the structural and architectural drawings.
3. This Contractor should carefully review the soil boring as they relate to subsurface conditions.
4. This Contractor to furnish and install reinforcing steel, admixtures, curing compounds and sealers required by the Contract Documents.
5. Provide supplemental reinforcing at openings as required on the Contract Documents.
6. Provide perimeter insulation at all foundation walls (concrete and masonry) and under slab.
7. Provide underslab vapor barrier, reglets, waterstops, control and construction joints (including caulking at control and construction joints).
8. Provide placement of related items furnished under other specification sections.
9. Anchor bolts and leveling plates to be installed by this Contractor and furnished by the Structural Steel contractor. Installation within required tolerances. Provide certified anchor bolt verification drawings to the Construction Manager for review prior to steel erection.
10. Provide all blockouts and embedments required by plans and specifications.

Changes appear in italics – deletions have been struck thru

11. This Contractor to install all sleeves for incoming utilities at the perimeter and foundation walls. Sleeves shall be furnished by the Contractor providing the utility.
12. This Contractor is responsible for grouting all structural steel base, leveling plates and elevator sill angles.
13. Provide plywood covers on all diamonds slab on grade. Covers to be installed immediately following the placement of concrete slab on grade, and maintained by this Contractor until steel erection, at which time the Steel Contractor shall remove and dispose of the covers prior to steel erection.
14. Include all weather, frost protections and water pumping as required. This Contractor is also responsible for the premiums required for hot water, heated aggregate, blankets and admixtures for cold weather concrete. The Concrete Contractor will include an allowance of \$80,000 in the Base Bid for temporary weather protection described above. All unused portions of the allowance will be returned at the end of the Project.
15. Asphalt concrete paving and Portland cement concrete paving, sidewalks, curbs and door stoops shall be provided by others. *The Concrete Contractor shall provide the loading dock foundation and wall construction complete. Pad and trench drain to be provided by the Sitework Contractor.*
16. All concrete testing will be completed by the Construction Manager, however, it will be the responsibility of this Contractor to furnish all samples.
17. This Contractor will be responsible for laying out all concrete work as shown on the structural and architectural drawings. This Contractor to excavate to the bottom of all wall and column footings and to maintain all open excavations and dewater as specified until the excavation work is complete. This Contractor to coordinate masonry and foundation waterproofing work.
18. This Contractor shall furnish, install and maintain stone underslab. The Sitework Contractor will bring the area beneath the building to an elevation that is 8 inches below the top of concrete slab elevations. The area will then be turned over to the Concrete Contractor who will be excavating and installing the foundations. Backfilling around the foundation walls, inside and outside, will be the responsibility of the Concrete Contractor. This Contractor will also be responsible for additional excavation and backfilling within the building as may be required to accommodate raised and sloped floors and grade changes. Close coordination with the Sitework, Masonry, Plumbing and Electrical Contractors is required.
19. The Concrete Contractor will be responsible to maintain all open excavations which they created and dewater as specified until the excavations are accepted by the Masonry Contractor. The Masonry Contractor will be responsible to maintain and dewater all excavations until the masonry work is complete. Once the masonry work is complete the

Changes appear in italics – deletions have been struck thru

areas will be turned over to the Concrete Contractor who will be responsible to maintain and dewater all excavations until the areas are properly backfilled and final acceptance. The Concrete Contractor and the Masonry Contractor are to coordinate this procedure so that there are no additional costs to the Owner for additional excavation or concrete.

20. Provide all standard dewatering measures required to perform work of this Contract.
21. This Contractor shall include a \$10,000 allowance for miscellaneous concrete work as determined by the Construction Manager.
22. Coordinate the "notch" in the concrete slabs to allow for a future Contractor to easily install expansion joint details.
23. Provide concrete fill at steel pan stair treads, landings and associated items.
24. Provide and maintain perimeter fall protection at excavated areas per OSHA standards.
25. Equipment bases and foundations shall be the responsibility of the Contractor providing the equipment.
26. Provide off site disposal of all unsuitable excavated materials.
27. Provide sloping for floor drains/trenches in kitchen, showers, etc. as detailed (drains to be furnished by the Underslab Plumbing Contractor).
28. This Contractor shall include the finishing of concrete slabs around all floor penetrations throughout the first and second floor slab areas. These penetrations will consist of electrical boxes, stubbed conduits, mechanical piping and electrical and technology conduit studs, etc. Assume a minimum of 200 penetrations.
29. Provide foundation waterproofing at both concrete and masonry foundation walls.
30. This Contractor shall include a minimum of two additional out-of-sequence mobilizations for concrete slab installations.
31. Provide alternate pricing for the Stadium Support Facility.

Changes appear in italics – deletions have been struck thru

CONTRACT NO. A-03 – BELOW GRADE MASONRY

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 042200	Concrete Unit Masonry

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide below grade masonry foundation work, reinforcing, accessories and related work.
2. Provide CMU masonry units, grout fill, reinforcing at masonry walls, accessories, bond beams, masonry lintels and related work for masonry foundation systems.
3. Contractor will be responsible for laying out all masonry work as shown on the structural and architectural drawings. This Contractor is required for all elevations and dimensions as they affect other Contractor's work. Coordinate with Concrete Contractor who will provide excavation and backfill for foundation construction.
4. Provide caulking of masonry to masonry and to dissimilar materials.
5. Provide integral masonry flashings, expansion joints and other related items.
6. Provide mock up as required.
7. Provide weather protection and temporary heat as required to perform the work and maintain the project schedule. The Masonry Contractor shall include an allowance of \$20,000 in the Base Bid for temporary weather protection as described above. All unused portions of the allowance will be returned at the end of the project.
8. Provide scaffolding required to complete the work.
9. Provide dewatering of work areas after acceptance from the Concrete Contractor until reacceptance by the Concrete Contractor.
10. Install anchors, plates and other fasteners embedded in masonry work.
11. Install lintels provided by others in masonry work. Cast masonry lintels shall be provided by this Contractor.

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12. This Contractor to install all sleeves for incoming utilities at the masonry perimeter and masonry foundation walls. Sleeves shall be furnished by the Mechanical and/or Electrical contractors.
13. This Contractor shall include a \$15,000 allowance for miscellaneous masonry work as determined by the Construction Manager.
14. The Masonry Contractor will be responsible for the disposal of masonry debris offsite.
15. Provide alternate pricing for the Stadium Support Facility.

Changes appear in italics – deletions have been struck thru

CONTRACT NO. A-04 - STRUCTURAL STEEL & MISCELLANEOUS METALS

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 051200	Structural Steel Framing
Section 052100	Steel Joist Framing
Section 053100	Steel Decking
Section 055000	Metal Fabrications
Section 055100	Metal Stairs
Section 055213	Pipe and Tube Railings
Section 099113	Exterior Painting

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide structural steel, trusses, joists, mezzanines, platforms, and metal floor and roof decking, and acoustical decking and miscellaneous metals.
2. Furnish anchor bolts and leveling plates to the Concrete Contractor and Masonry Contractor for placement in concrete and masonry piers and walls.
3. This Contractor shall include a \$10,000 allowance for the maintenance portion of the perimeter cables. All other items remain the responsibility of the Steel Contractor. The allowance will be allocated by the Construction Manager on a time and material basis. All remaining allowance shall be returned to the Owner at completion.
4. Provide rolled and curved structural members.
5. Field check all anchor bolts prior to beginning erection.
6. Provide roof sump pans and related work.
7. Provide framing out for openings (roof drains, mechanical openings, access hatches, skylight, stairs, etc.). Assume opening frames will be field installed.
8. Provide prime paint systems, galvanizing, and related finishing of steel items, including touch up. Do not apply primer to steel that receives sprayed-on fireproofing.
9. Provide masonry or precast anchors welded to steel columns and beams.

Changes appear in italics – deletions have been struck thru

10. Supply and install shear studs.
11. Furnish, install, maintain and remove perimeter safety steel cables at all floor levels to conform with all OSHA standards for all trades.
12. The Steel Contractor to provide all connections to masonry whether they are field welds or shop welds. Conditions that require in field welding and assembly are the responsibility of this Contractor. Field coordination with the masonry installer will be this Contractor's responsibility.
13. Provide layout, installation and alignment of pour stops and attachments at the slab edge condition. The pour stop will be installed in the field. Close coordination with the Metal Stud Framing Contractor is required.
14. Provide continuous concrete pour stop for slabs-on-deck, even if not specifically called out on the structural drawings.
15. Remove and dispose of the plywood covers installed by the Concrete Contractor at all diamonds on the slab on grade, prior to the erection of steel.
16. All steel testing will be the responsibility of the Construction Manager; however, this Contractor will cooperate with the testing agency in the inspection at the fabrication shop and in the field.
17. No electrical power for welders will be provided.
18. Provide data and submittal information related to the Scope of this Contract signed and sealed by a Professional Engineer as required by the Contract Documents.
19. This Contractor shall fabricate, weld and install all reinforcing anchors that connect the structural steel to the masonry systems. Provide all shop fabrication, a field installation and field welding regardless of the weld symbols.
20. This Contractor shall include all necessary staging, rigging, matting and remobilizations to accommodate the erection sequence. Provide temporary and permanent rigging, bracing and bridging, outriggers. Notch webs at weld splicing at purlins.
21. This Contractor shall include a \$100,000 allowance for additional miscellaneous metal work as determined by the Construction Manager.
22. This Contractor shall not assume crane access to the building within the building footprint, and shall include the cost of an appropriately sized crane to reach all areas from outside the building footprint. Erection from inside the building or from the slab-on-grade is not allowed.

Changes appear in italics – deletions have been struck thru

23. Provide steel stairs, including treads, risers, landings, framing, stringers, guardrail, handrail, pickets, closure pieces, attachments, fasteners and brackets.
24. Provide steel lintels.
25. Provide alternate pricing for the Stadium Support Facility.
26. Provide miscellaneous rough hardware, iron shapes, framing and support angles.
Countertop support angles will be provided under Bid Pac B.
27. Provide structural framing members for skylight.
28. Provide frame and grate for the elevator sump pit.
29. Provide elevator hoist beam, pit ladder and sill angles.
30. Provide galvanizing, as required.
31. Provide anchoring devices, fasteners, inserts and other related items associated with the installation of the above items.
32. Provide field touch up paint.
33. Verify field dimensions.
34. Provide steel handrails, aluminum railings, ships ladders, alternating tread stairs, etc.
35. Provide shop drawings using Building Information Model (BIM) for coordination.
36. Coordinate steel at Auditorium with Theatrical Lights and Rigging.
37. Coordinate steel at Gym with hanging curtain requirements.

Changes appear in italics – deletions have been struck thru

CONTRACT NO. A-05 - UNDERSLAB PLUMBING

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 033000	Cast-In-Place Concrete
Section 210500	Common Work Results for Fire Protection
Section 210505	Fire Protection Piping, Fitting and Valves
Section 220500	Common Work Results for Plumbing
Section 220505	Plumbing Piping, Fitting and Valves
Section 224005	Plumbing Equipment
Section 230500	Common Work Results for HVAC
Section 230505	HVAC Piping, Fitting and Valves
Section 312000	Earth Moving

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete underground plumbing and piping systems as indicated on the Drawings and in the Specifications.
2. Excavation and backfill for underground plumbing work as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with the Contract Documents.
3. Provide permits/meters.
4. Provide pipe, underslab drains and cleanouts, trench drains within the building footprint.
5. Furnish sleeves for penetrations through wall, floors, etc. to Concrete or Masonry Contractor for installation.
6. Provide hoisting, rigging and scaffolding required to perform the work of this Contract.
7. Provide trap priming system.
8. All utilities will be brought to within +/- 5 feet of the building line by others. The Underslab Plumbing Contractor is responsible for connecting the utilities from +/- 5 feet outside the building line and completing the system within the building. *The Underslab Plumbing Contractor will bring the fire service line from 5' outside building line and into the Sprinkler Room.*
9. Provide alternate pricing for the Stadium Support Facility.

Changes appear in italics – deletions have been struck thru

10. This Contractor shall include a \$10,000 allowance in their base bid. Unused portions of the allowance will be returned to the Owner.

Changes appear in italics – deletions have been struck thru

CONTRACT NO. A-06 - UNDERSLAB ELECTRICAL

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 033000	Cast-In-Place Concrete
Section 260500	Common Work Results for Electrical
Section 260512	Kitchen Equipment Wiring
Section 260526	Grounding and Bonding
Section 260533	Raceway and Boxes
Section 260543	Underground Ductbanks
Section 260553	Electrical Identification
Section 261120	Utility Incoming Service Provisions
Section 312000	Earth Moving

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide a complete underground electrical system as indicated on the Drawings and in the Specifications.
2. Excavation and backfill for underground electrical work as detailed below is the responsibility of this Contractor. Soil types shall be in accordance with the Contract Documents.
3. Provide permits/meters.
4. Provide conduits, underslab floor boxes with 4" minimum stub ups within the building footprint.
5. Furnish sleeves for penetrations through wall, floors, etc. to Concrete or Masonry Contractor for installation.
6. Provide hoisting, rigging and scaffolding required to perform the work of this Contract.
7. All utilities will be brought to within +/- 5 feet of the building line by others. The Underslab Electrical Contractor is responsible for connecting the utilities from +/- 5 feet outside the building line and completing the system within the building. *Power, voice and data services will be provided to the building by the Utility Company. The Underslab Electrical Contractor will provide sleeves for these incoming services and coordinate locations.*
8. Provide pull strings in all conduits.

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9. Provide caps on open conduit ends.
10. Provide protective covers for all floor boxes.
11. Provide alternate pricing for the Stadium Support Facility.
12. This Contractor shall include a \$10,000 allowance in their base bid. Unused portions of the allowance will be returned to the Owner.

Changes appear in italics – deletions have been struck thru

CONTRACT NO. A-07 - HYDRAULIC ELEVATOR

A. Work included in this contract consists of, but is not necessarily limited to, all labor, materials and equipment for:

- Technical Specification sections:

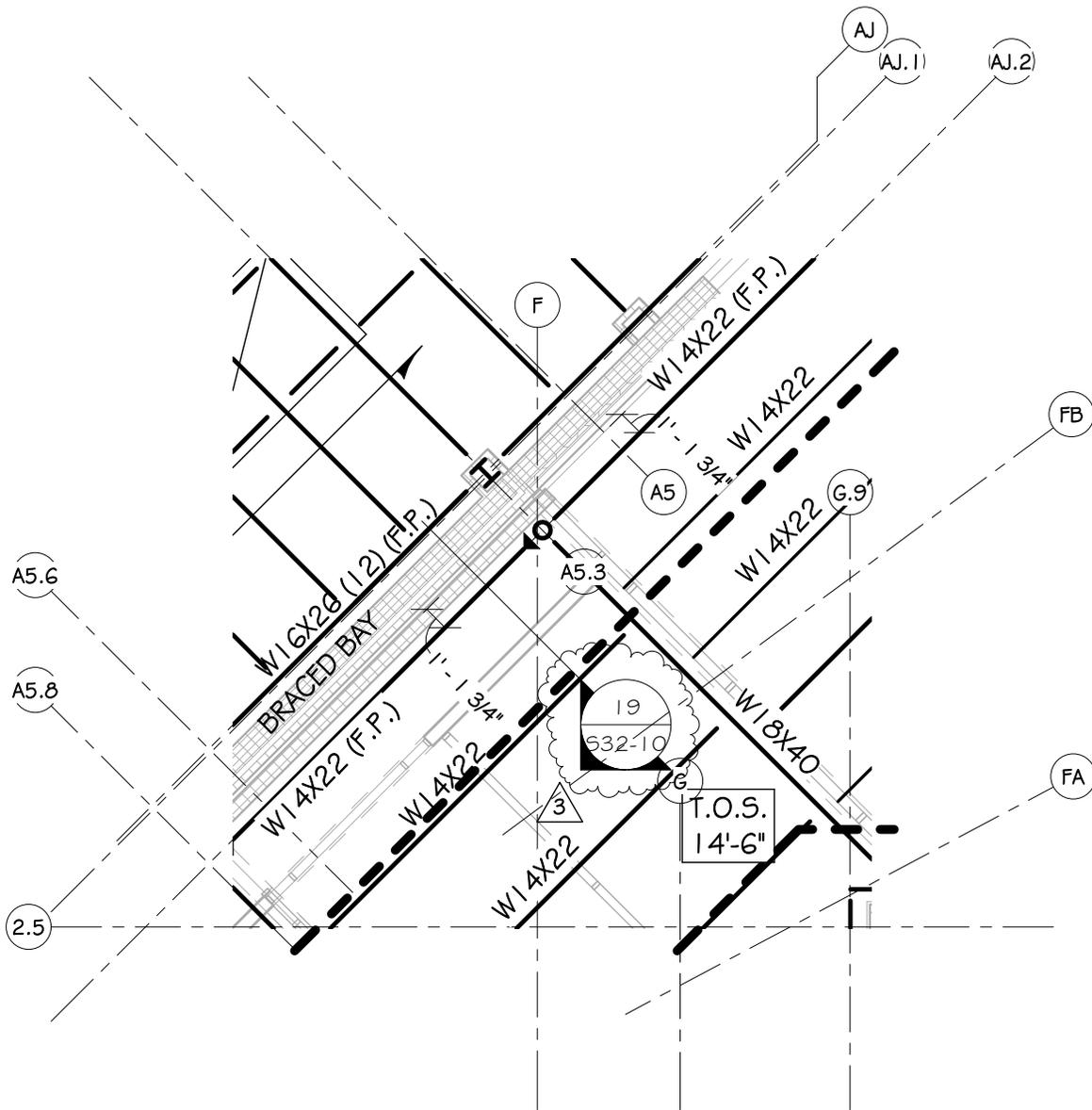
Division 0	Bidding and Contract Requirements
Division 1	General Requirements
Section 142400	Hydraulic Elevators

This contract also includes, but is not necessarily limited to, all labor, materials and equipment for the following:

1. Provide passenger elevator complete.
2. Grouting of all elevator sill angles will be the responsibility of the Concrete Contractor.
3. This Contractor to furnish and install all rough wiring necessary for the installation of emergency telephones. All communication devices will be furnished and installed by the Owner.
4. Electric service and disconnect switch for the elevator are the responsibility of the Electrical Contractor. All other control wiring as specified, will be the responsibility of the Elevator Contractor.
5. This Contractor to submit for approval layout and excavation information for the elevator jack holes. The Construction Manager will supply all necessary bench marks.
6. This Contractor will be responsible for dewatering in order to complete installation of the jack holes.
7. This Contractor will be responsible for drilling the jack holes through unclassified material. Excavated material shall be disposed of by the Sitework Contractor.
8. Provide jack hole sleeve where indicated on the drawing.

END OF SECTION

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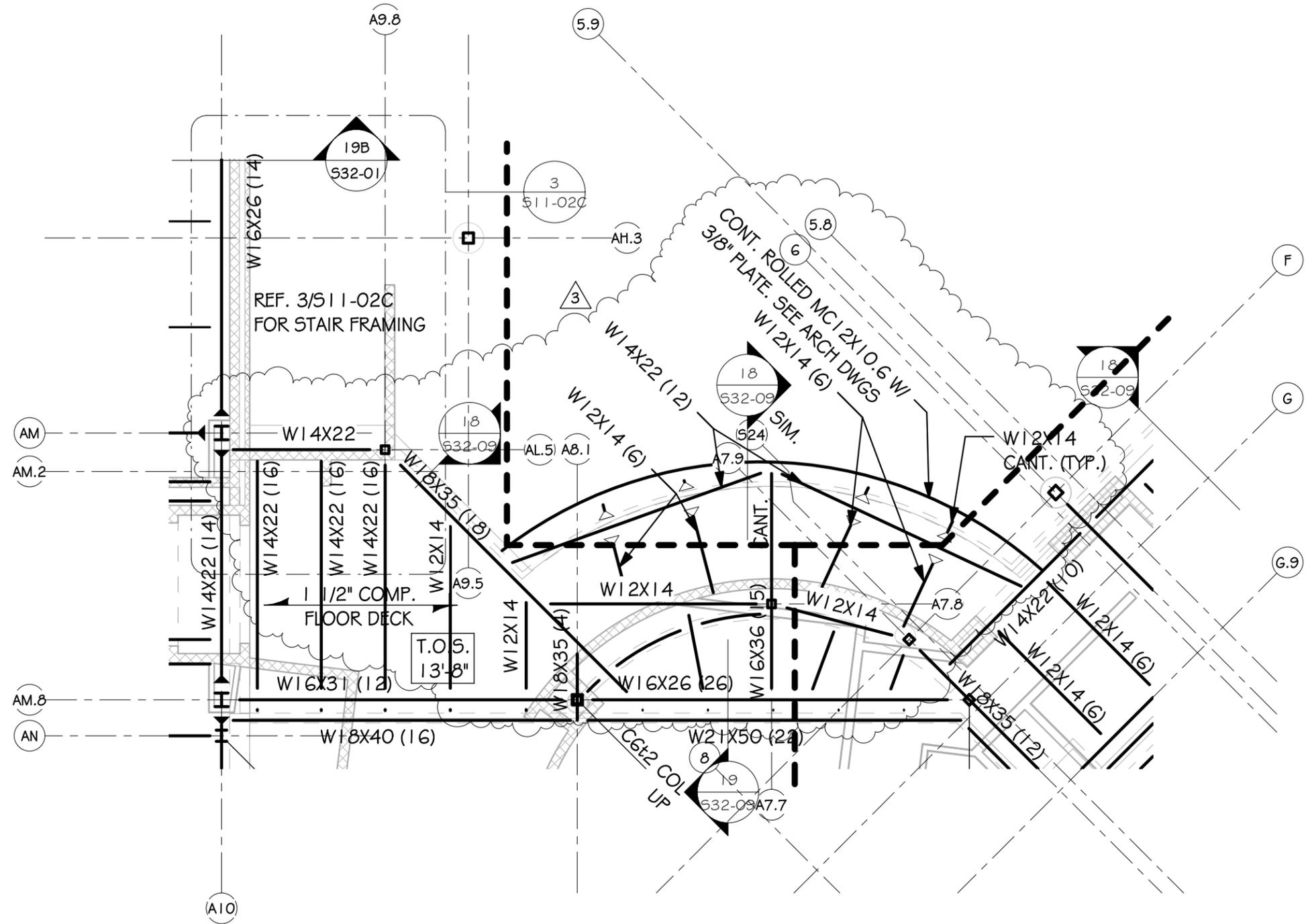
PARTIAL LOW ROOF FRAMING
 PLAN - AREA A

1
 S-SK-04

1/8" = 1'-0"

Fearn Clendaniel Architects INC. 6 Larch Avenue Suite 398 Wilmington, Delaware 19804 Ph. 302-998-7615 Fax. 302-998-7685	PROJECT: WOODBIDGE HIGH SCHOOL	SKETCH NO: S-SK-04 Addendum No.4
	SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00
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PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA C

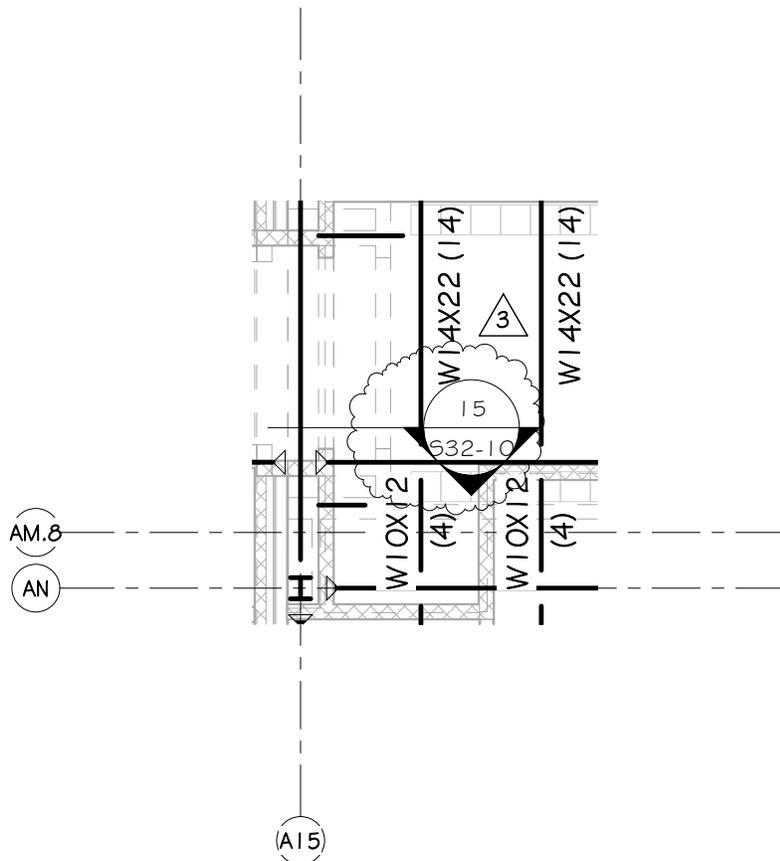
1
S-5K-05

1/8" = 1'-0"

Fearn Clendaniel
Architects
 INC.
 6 Larch Avenue Suite 398 Wilmington, Delaware 19804
 Ph. 302-998-7615 Fax. 302-998-7685

PROJECT: WOODBIDGE HIGH SCHOOL		SKETCH NO: S-SK-05 Addendum No.4
SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00	DATE: 07-26-12



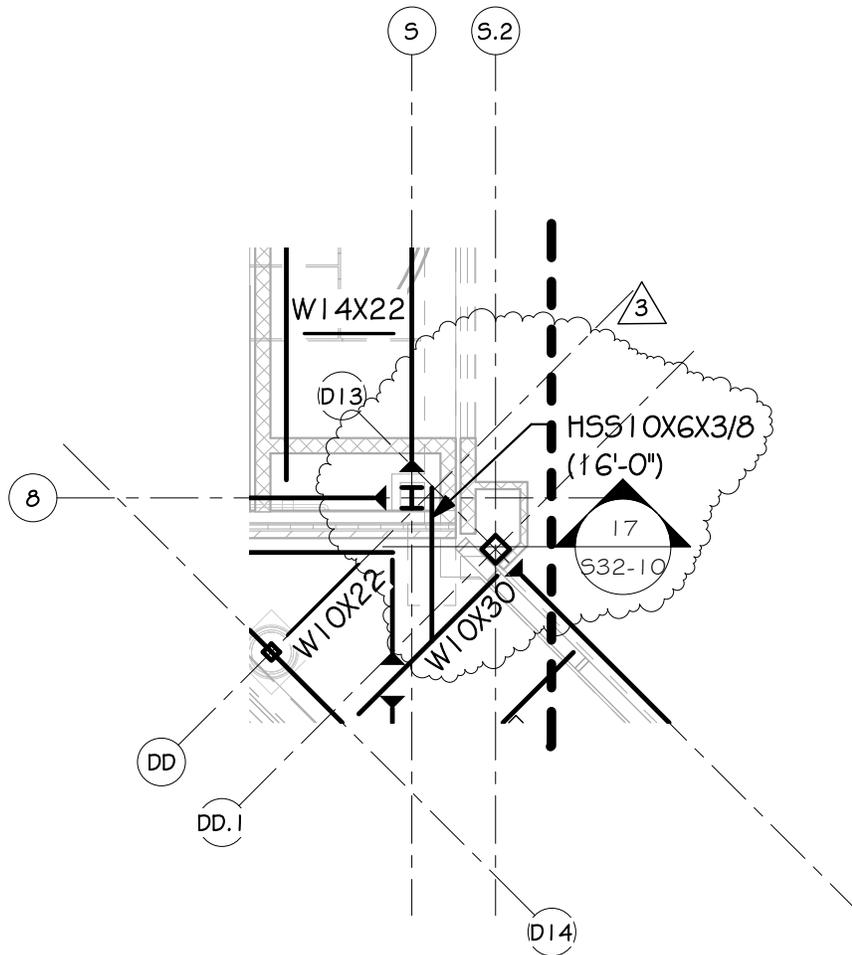


PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA C

1
S-SK-06

1/8" = 1'-0"

Fearn Clendaniel Architects INC. 6 Larch Avenue Suite 398 Wilmington, Delaware 19804 Ph. 302-998-7615 Fax. 302-998-7685	PROJECT: WOODBIDGE HIGH SCHOOL		SKETCH NO: S-SK-06 Addendum No.4
	SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00	DATE: 07-26-12
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PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA D

1
S-SK-09

1/8" = 1'-0"

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Architects
INC.

6 Larch Avenue Suite 398 Wilmington, Delaware 19804
Ph. 302-998-7615 Fax. 302-998-7685

PROJECT:

WOODBIDGE
HIGH SCHOOL

SKETCH NO:

S-SK-09

Addendum No.4

SCALE:

1/8" = 1'-0"

PROJ NO:

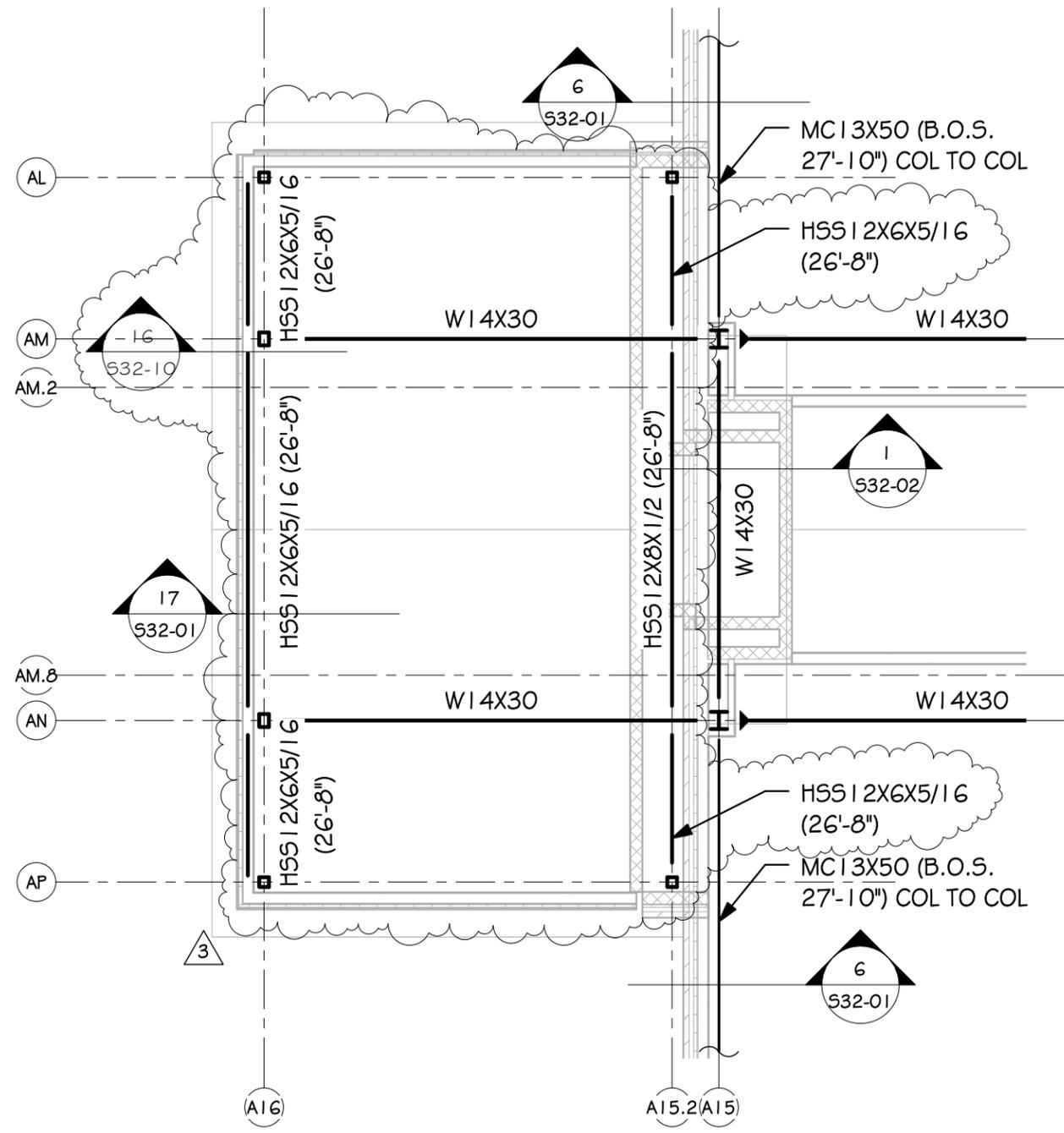
D6932.00

DATE:

07-26-12

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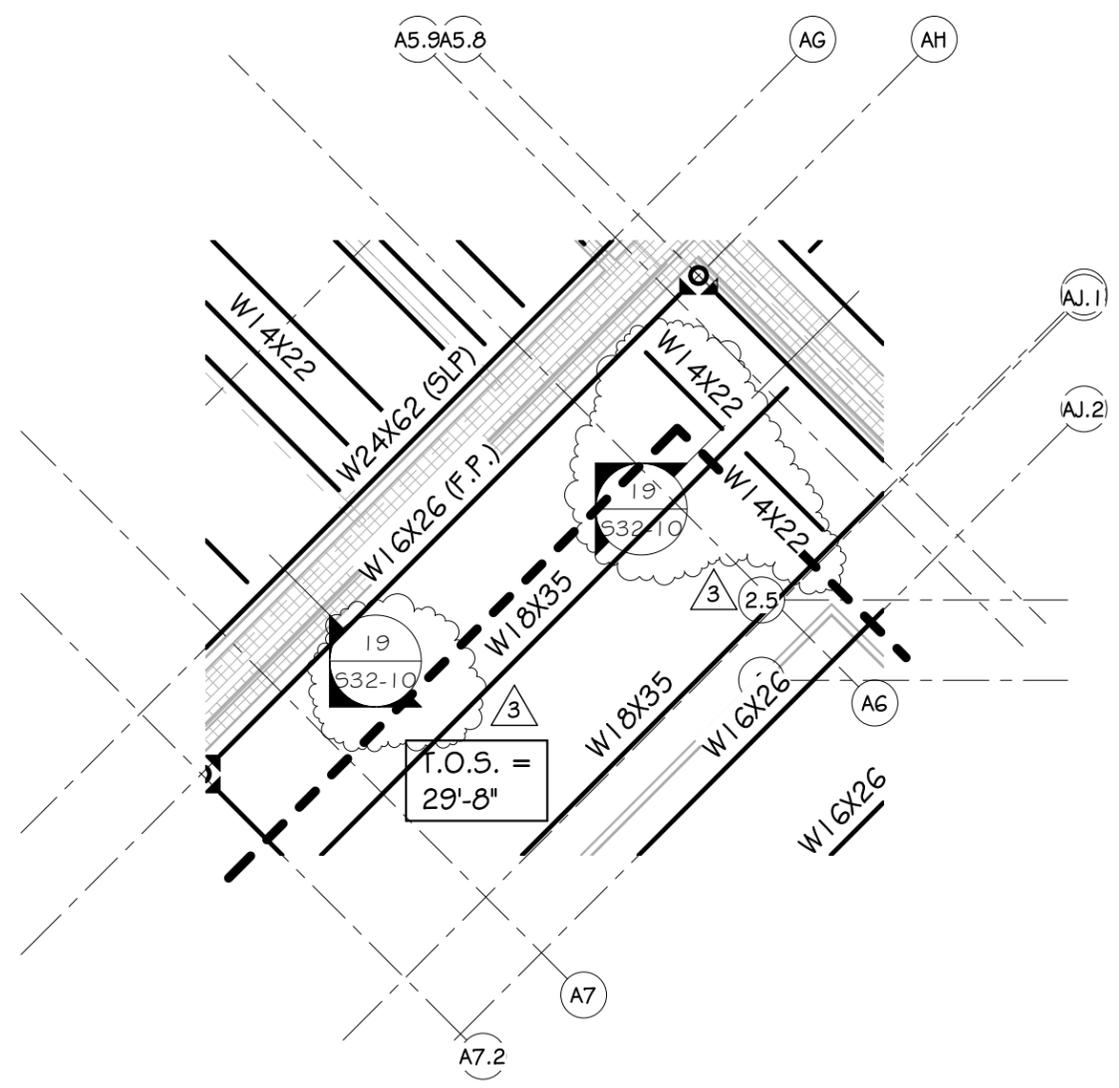
PARTIAL PLATFORM FRAMING
PLAN - AREA C

1
S-SK-12

1/8" = 1'-0"

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Ph. 302-998-7615 Fax. 302-998-7685

PROJECT: WOODBIDGE HIGH SCHOOL		SKETCH NO: S-SK-12 Addendum No.4
SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00	DATE: 07-26-12



PARTIAL HIGH ROOF FRAMING
 PLAN -AREA A

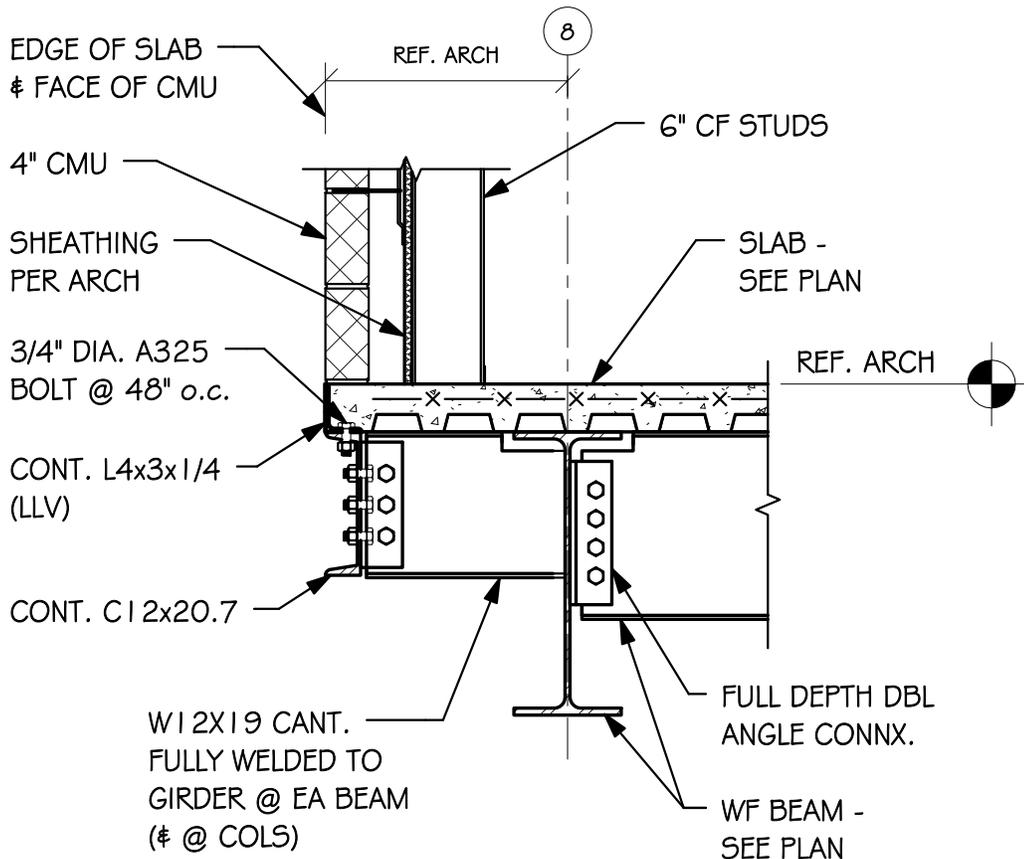
1
 5-5K-13

1/8" = 1'-0"

Fearn Clendaniel
Architects
 INC.
 6 Larch Avenue Suite 398 Wilmington, Delaware 19804
 Ph. 302-998-7615 Fax. 302-998-7685

PROJECT: WOODBIDGE HIGH SCHOOL		SKETCH NO: S-SK-13 Addendum No.4
SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00	DATE: 07-26-12





1
S-SK-22

14/532-10

3/4" = 1'-0"

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Architects

INC.

6 Larch Avenue Suite 398 Wilmington, Delaware 19804
Ph. 302-998-7615 Fax. 302-998-7685

PROJECT:

WOODBIDGE
HIGH SCHOOL

SKETCH NO:

S-SK-22

Addendum No.4

SCALE:

3/4" = 1'-0"

PROJ NO:

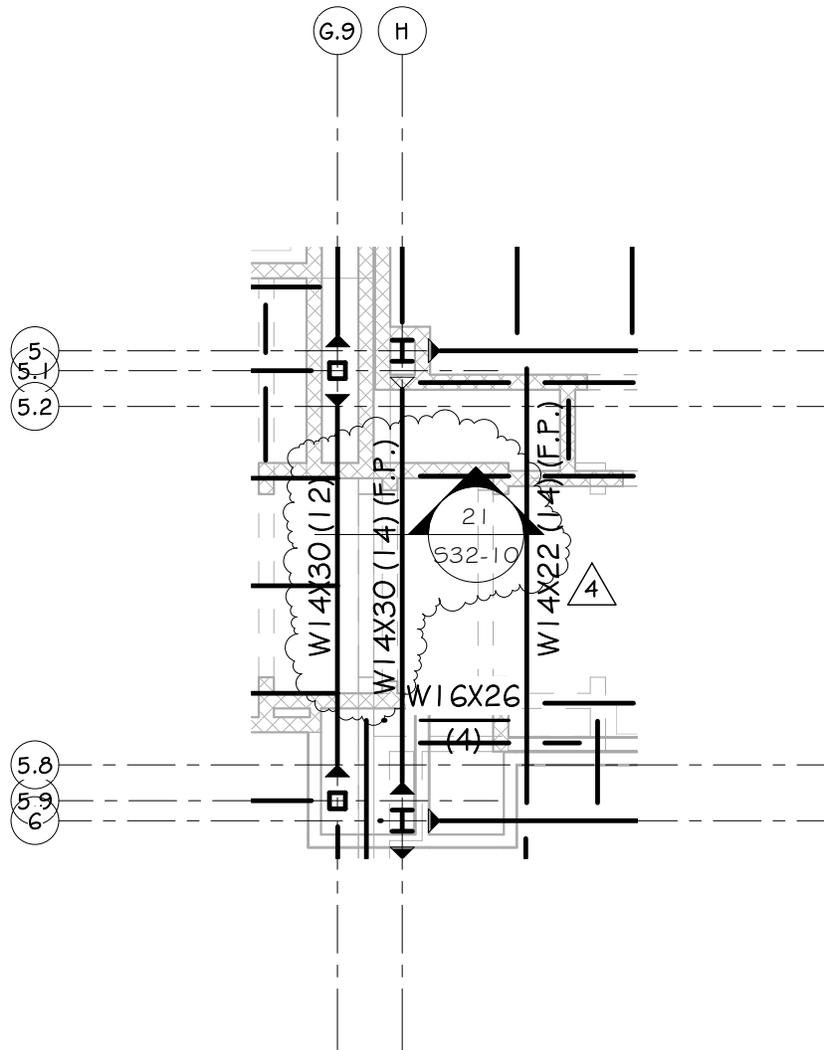
D6932.00

DATE:

07-26-12

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PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA D

1
S-SK-28

1/8" = 1'-0"

Fearn Clendaniel
Architects

6 Larch Avenue Suite 398 Wilmington, Delaware 19804
Ph. 302-998-7615 Fax. 302-998-7685

INC.

PROJECT:

WOODBIDGE
HIGH SCHOOL

SKETCH NO:

S-SK-28

Addendum No.4

SCALE:

1/8" = 1'-0"

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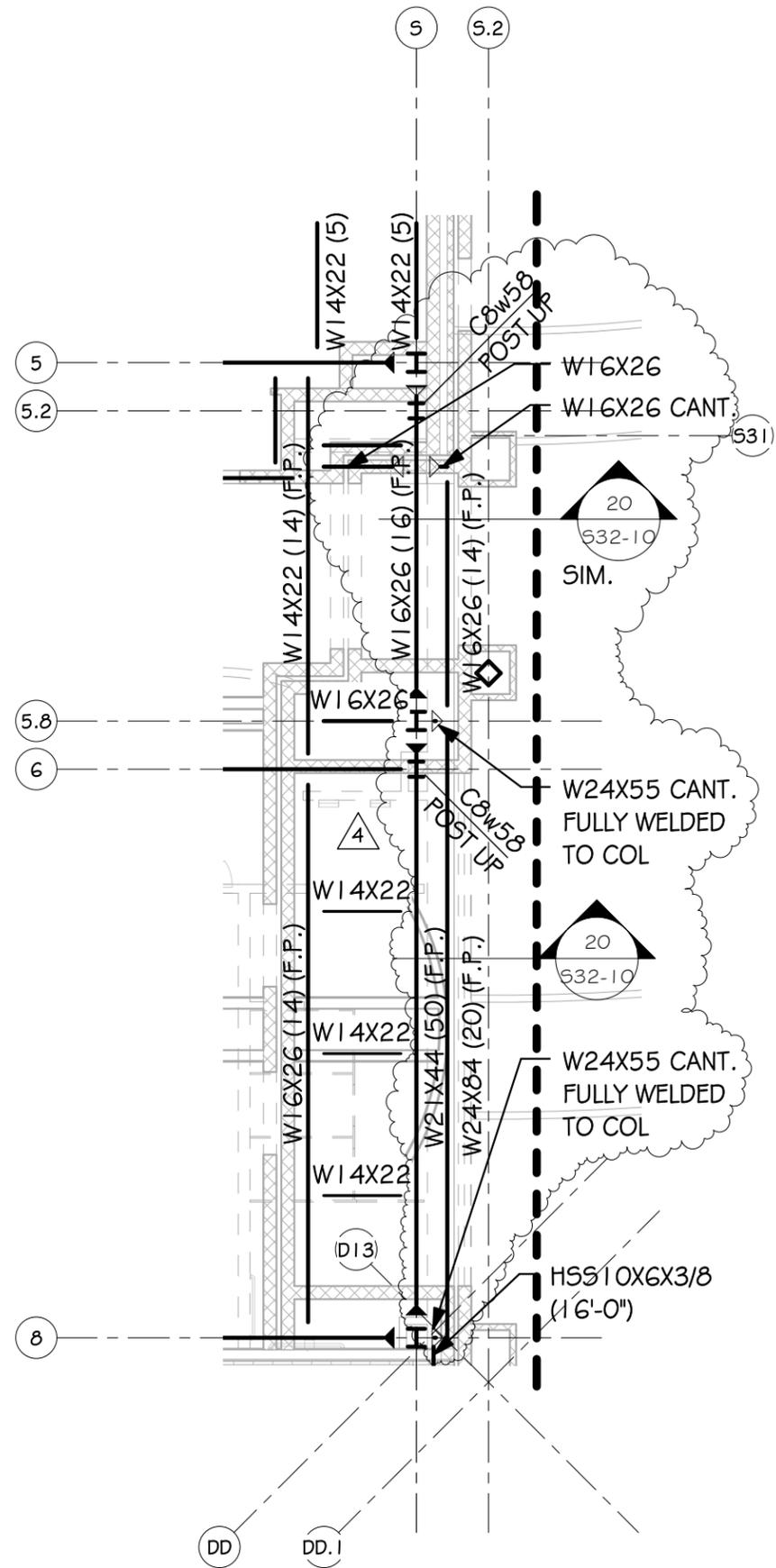
D6932.00

DATE:

07-26-12

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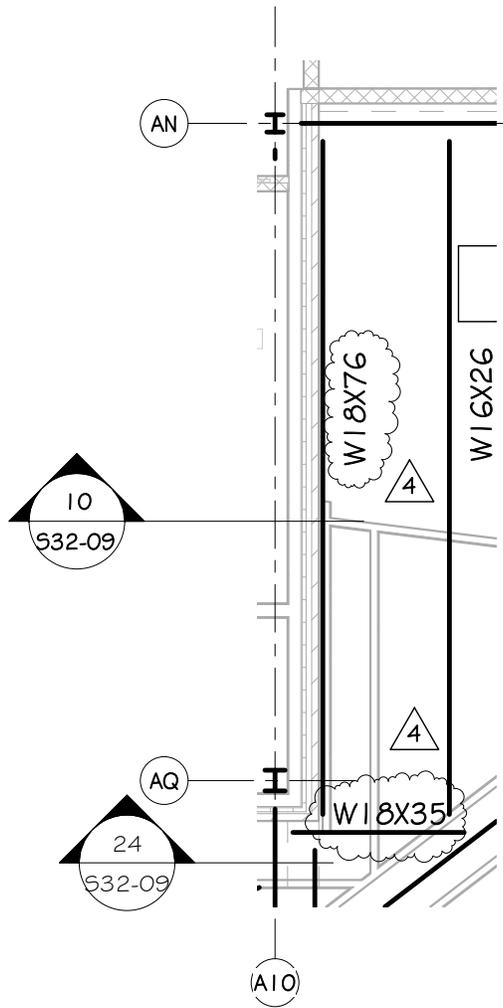
PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA D

1/8" = 1'-0"

1
S-SK-29

Fearn Clendaniel
Architects
 INC.
 6 Larch Avenue Suite 398 Wilmington, Delaware 19804
 Ph. 302-998-7615 Fax. 302-998-7685

PROJECT: WOODBRIDGE HIGH SCHOOL		SKETCH NO: S-SK-29 Addendum No.4
SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00	DATE: 07-26-12



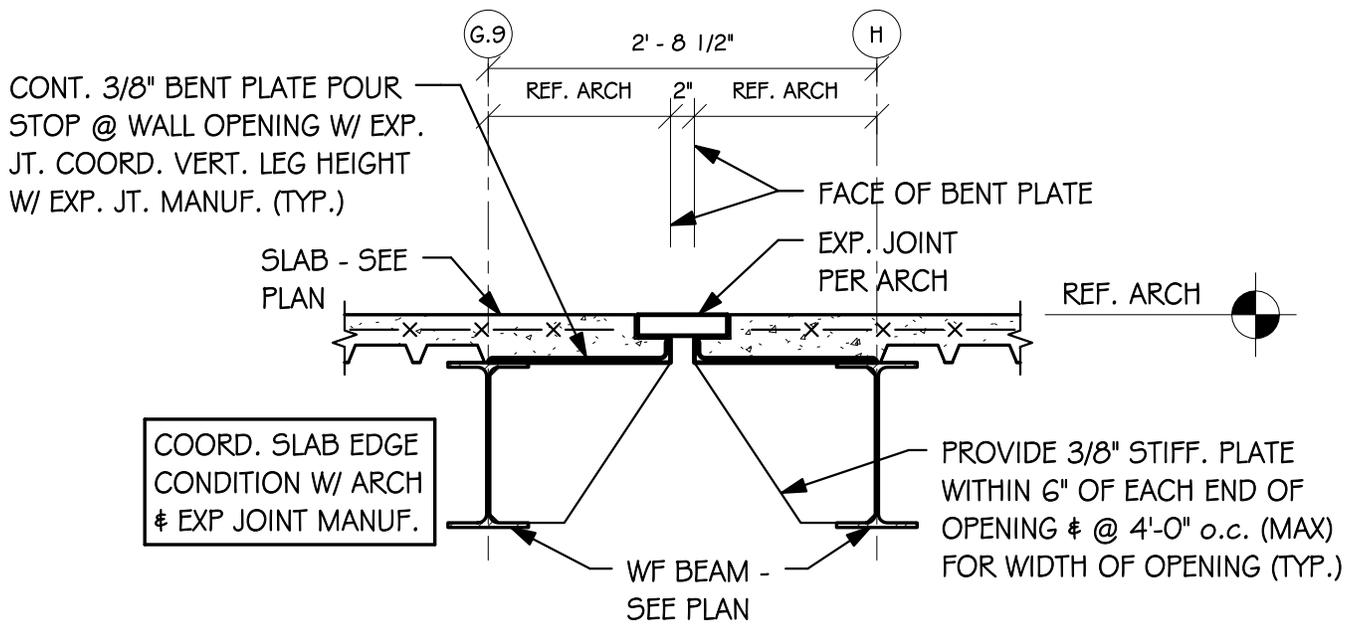
PARTIAL LOW ROOF FRAMING
PLAN - AREA C

1
S-SK-30

1/8" = 1'-0"

Fearn Clendaniel Architects INC. 6 Larch Avenue Suite 398 Wilmington, Delaware 19804 Ph. 302-998-7615 Fax. 302-998-7685	PROJECT: WOODBIDGE HIGH SCHOOL	SKETCH NO: S-SK-30 Addendum No.4
	SCALE: 1/8" = 1'-0"	PROJ NO: D6932.00
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1
S-SK-31

21/532-10

3/4" = 1'-0"

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PROJECT:

WOODBIDGE
HIGH SCHOOL

SKETCH NO:

S-SK-31

Addendum No.4

SCALE:

3/4" = 1'-0"

PROJ NO:

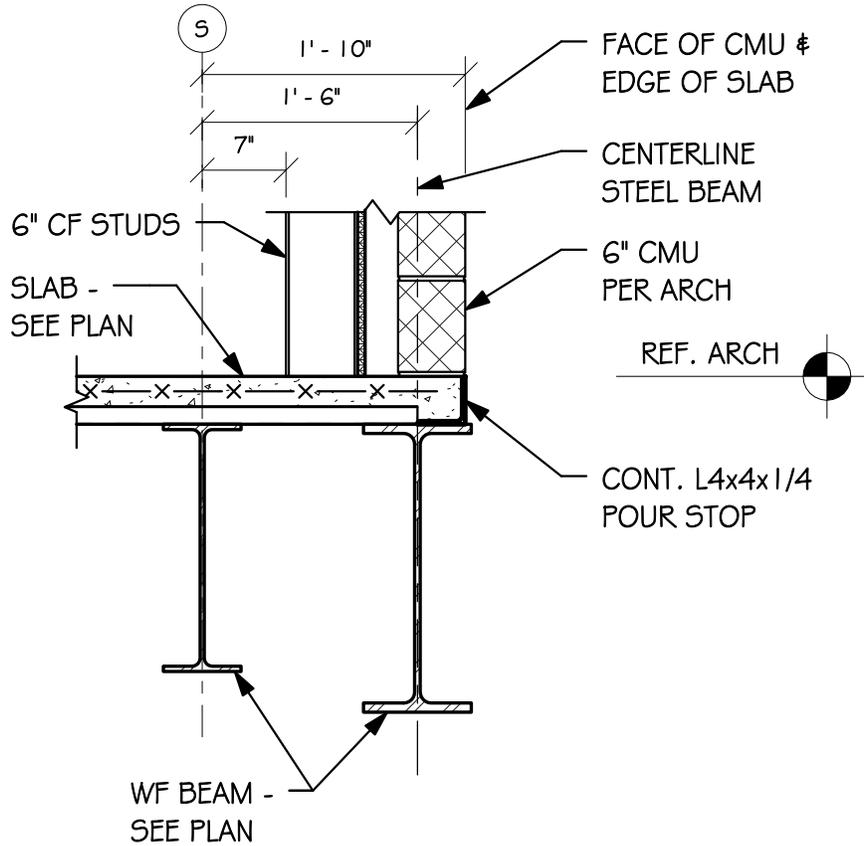
D6932.00

DATE:

07-26-12

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1
S-SK-32

20/S32-10

3/4" = 1'-0"

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PROJECT:

WOODBIDGE
HIGH SCHOOL

SKETCH NO:

S-SK-32

Addendum No.4

SCALE:

3/4" = 1'-0"

PROJ NO:

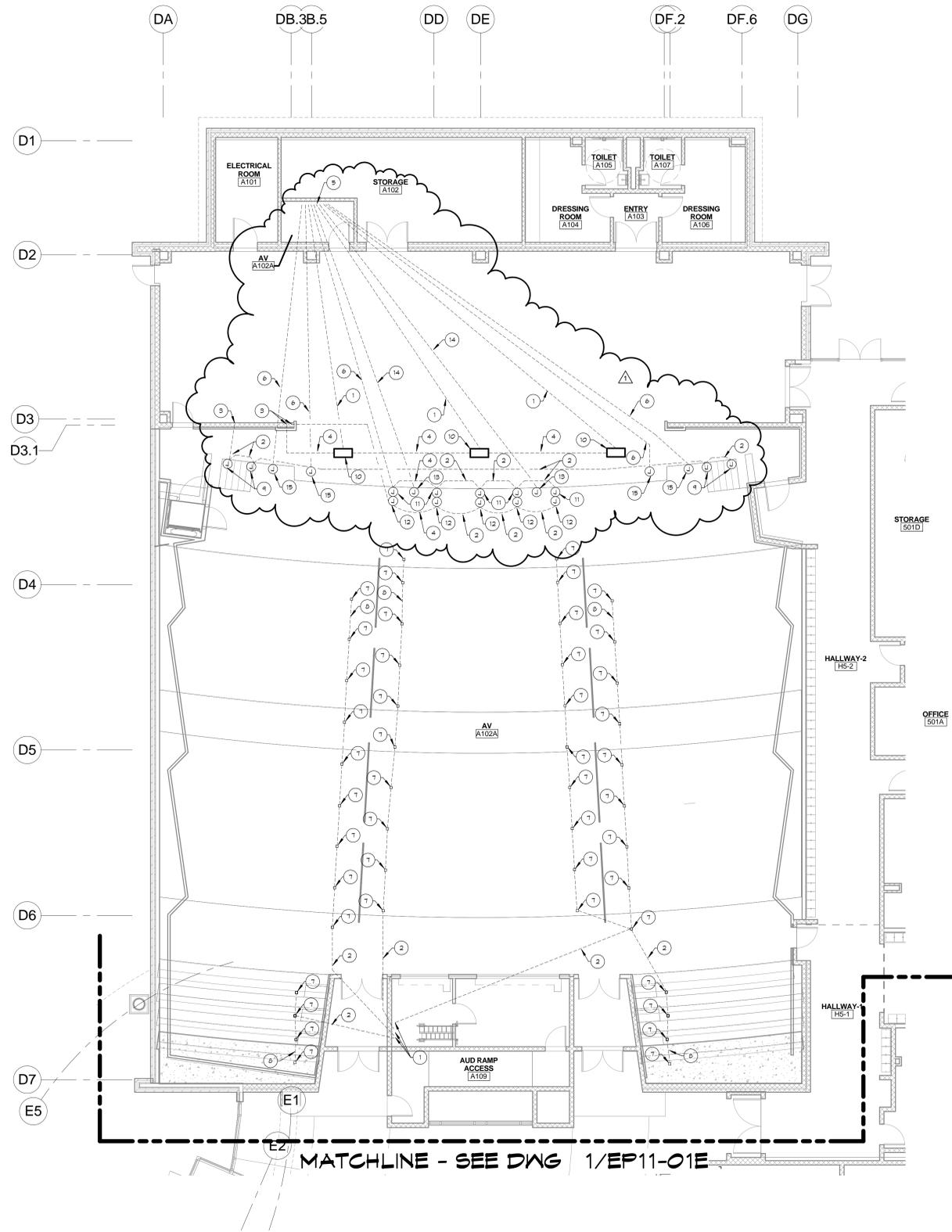
D6932.00

DATE:

07-26-12

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GENERAL NOTES
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- FURNISH AND INSTALL PULL STRING IN ALL CONDUITS. FURNISH AND INSTALL CAPS ON ALL OPEN CONDUIT ENDS TO PROTECT FROM WEATHER AND DEBRIS.
- PROVIDE PROTECTIVE COVER FOR ALL FLOOR BOXES.

DRAWING NOTES
(APPLY TO THIS DRAWING ONLY)

- PROVIDE (3) 1 1/4" C FOR MIC, DATA, AND A/V.
- PROVIDE 3/4" CONDUIT IN SLAB.
- 4" MINIMUM STUB UP CENTERED IN WALL.
- PROVIDE 1" CONDUIT IN SLAB.
- COORDINATE A/V CONDUITS IN THIS LOCATION FOR A/V EQUIPMENT RACK. PROVIDE 6" MINIMUM STUB UP.
- PROVIDE 1" CONDUIT IN SLAB. COORDINATE LOCATION WITH A/V SYSTEM INSTALLER.
- PROVIDE JUNCTION BOX IN SLAB FOR AUDITORIUM SEATING AISLE LIGHTING. REFER TO DETAIL ON DRAWING E30-02 AND E30-03.
- PROVIDE 3/4" CONDUIT IN SLAB TYPICAL FOR ALL CONNECTING CONDUIT FOR AUDITORIUM SEATING AISLE LIGHTING.
- PROVIDE 4-11/16" SQUARE BOX FOR LOW VOLTAGE AISLE/STAIR LIGHTING FIXTURE.
- PROVIDE WIREMOLD EVOLUTION SERIES, EFBS-06 FLOOR BOX, OR APPROVED EQUAL. FLOOR BOX TO SERVE LECTERN FOR POWER, DATA AND A/V.
- PROVIDE RECESSED 2 GANG BACK BOX FOR SPEAKER. COORDINATE MOUNTING HEIGHT WITH A/V INSTALLER.
- PROVIDE RECESSED 4 GANG BOX FOR MIC/LINE AND INTERCOM PANEL.
- PROVIDE (2) 1 1/4" C AND (1) 3/4" C FOR MIC/LINE LEVEL ONLY, VIDEO/DATA LEVEL ONLY, AND ICOM LEVEL ONLY. COORDINATE WITH A/V INSTALLER.
- PROVIDE 2 GANG BACK BOX FOR SPEAKER UNDER STAGE.

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1 - PROGRESS SET (NOT FOR CONSTRUCTION)	06-04-12
2 - BID PACK A (90% SUBMISSION)	06-14-12
3 - BID PACK A (NOT FOR CONSTRUCTION)	06-27-12
4 - BID PACK A (ISSUED FOR BID)	07-03-12
5 - BID PACK A (ISSUED FOR BIDDING)	07-03-12

Addendum 4 - Bid Pac A 7/27/12



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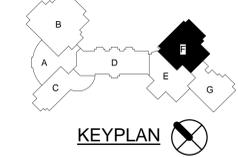
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PROJECT	
WOODBRIDGE SCHOOL DISTRICT	
WOODBRIDGE HIGH SCHOOL	
Woodbridge Road	
APPENDUM #4	
DRAWING TITLE:	
PARTIAL FIRST FLOOR PLAN - AREA F - POWER	
OWN BY:	PROJ. NUMBER:
CLJ	11156
DATE:	DRAWING NUMBER:
07-26-12	EP11-01F
SCALE:	
1/8" = 1'-0"	

1 PARTIAL FIRST FLOOR PLAN - AREA F - POWER
1/8" = 1'-0"

SCALE: 1/8" = 1'-0"

△ REVISE CONDUIT ROUTING. ADD CONDUIT RUNS. ADD BACK BOXES.



GENERAL NOTES

(APPLY TO THIS DRAWING ONLY)

- FURNISH AND INSTALL PULL STRING IN ALL CONDUITS. FURNISH AND INSTALL CAPS ON ALL OPEN CONDUIT ENDS TO PROTECT FROM WEATHER AND DEBRIS.
- PROVIDE PROTECTIVE COVER FOR ALL FLOOR BOXES.

DRAWING NOTES

(APPLY TO THIS DRAWING ONLY)

- 4" MINIMUM STUB UP CENTERED IN WALL.
- PROVIDE 1-1/4" CONDUIT IN SLAB.
- PROVIDE 1" CONDUIT IN SLAB.
- PROVIDE 3/4" CONDUIT IN SLAB.
- REFER TO TWO GANG FLOOR BOX POWER AND DATA DETAIL ON DRAWING E30-02. COORDINATE LOCATION WITH CASEWORK INSTALLER.
- COORDINATE LOCATION WITH ARCHITECTURAL FURNITURE LAYOUT.

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ISSUE DATES:

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2 - BID PACK A (90% SUBMISSION)	06-14-12
3 - BID PACK A (NOT FOR CONSTRUCTION)	06-27-12
4 - BID PACK A (ISSUED FOR BID)	07-03-12
5 - BID PACK A (ISSUED FOR BIDDING)	07-03-12

Addendum 4 - Bid Pac A 7/27/12



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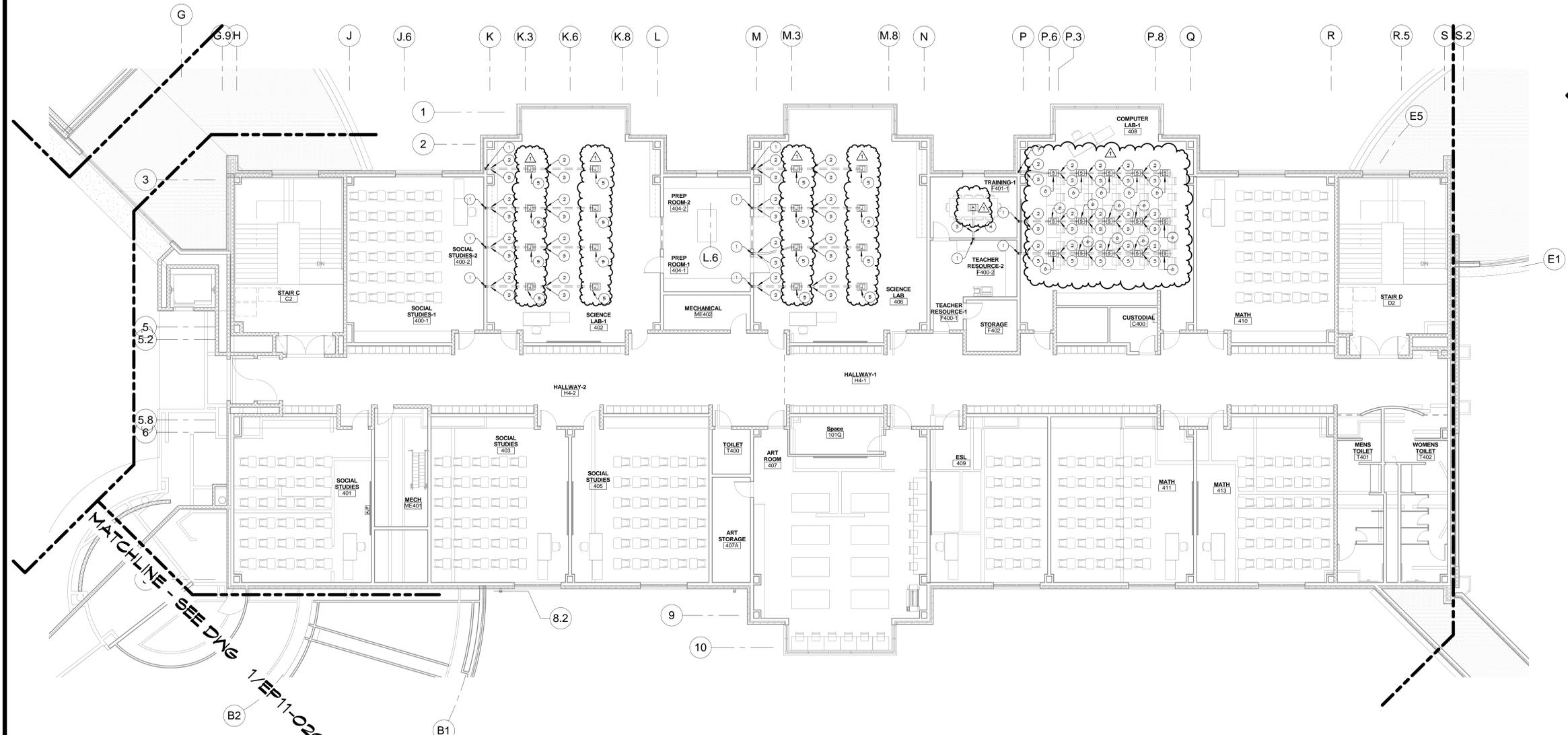
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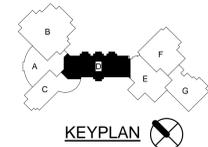
PROJECT

WOODBRIDGE SCHOOL DISTRICT
WOODBRIDGE HIGH SCHOOL
Woodbridge Road
APPENDUM #4

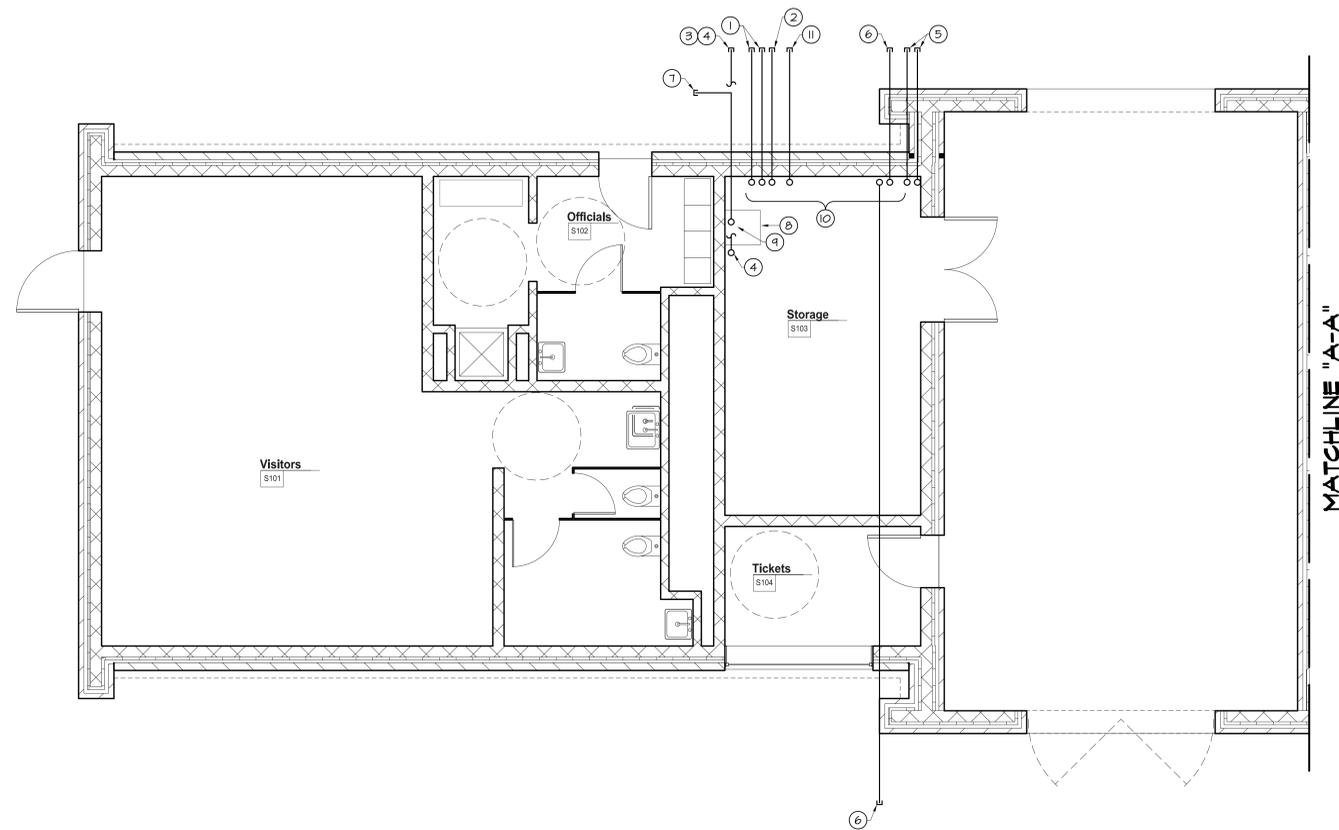
DRAWING TITLE: PARTIAL SECOND FLOOR PLAN - AREA D - POWER	
OWN BY: CLJ	PROJ. NUMBER: 11156
CHK BY: CDH	DRAWING NUMBER: EP11-02D
DATE: 07-26-12	SCALE: 1/8" = 1'-0"



1 PARTIAL SECOND FLOOR PLAN - AREA D - POWER
1/8" = 1'-0"
SCALE: 1/8" = 1'-0"



▲ ADD FLOOR BOXES TO SCIENCE LAB ROOMS 402 AND 406.



- GENERAL NOTES:**
(APPLY TO ALL DRAWINGS)
1. EXTEND ALL CONDUIT A MINIMUM OF 10' BEYOND SLAB.
 2. FURNISH AND INSTALL PULL STRING IN ALL CONDUIT. CAP ALL OPEN ENDS OF CONDUIT TO PROTECT AGAINST WEATHER AND DEBRIS, U.O.N.
 3. ALL CONDUITS TO EXTEND ABOVE FINISHED SLAB A MINIMUM OF 6".
 4. CHECK ALL DRAWING NOTES FOR MULTIPLE CONDUITS REPRESENTED AS SINGLE LINE.
 5. REFER TO DRAWING ESO-01 FOR ADDITIONAL INFORMATION.

- DRAWING NOTES:**
(APPLY TO THIS DRAWING ONLY)
- ① DIRECT BURIAL CONDUIT FROM UTILITY TRANSFORMER LOCATED WEST OF CAMP RAIDER.
 - ② DIRECT BURIAL CONDUIT TO SERVE AS POWER RACEWAY FOR EXISTING MAINTENANCE BUILDING.
 - ③ DIRECT BURIAL CONDUIT TO SERVE AS COMMUNICATIONS/DATA RACEWAY FOR EXISTING MAINTENANCE BUILDING.
 - ④ SPARE DIRECT BURIAL CONDUIT TO SERVE EXISTING MAINTENANCE BUILDING.
 - ⑤ TWO (2) DIRECT BURIAL CONDUITS TO SERVE STADIUM LIGHTING. TOTAL OF FOUR (4).
 - ⑥ DIRECT BURIAL CONDUITS TO SERVE SITE LIGHTING.
 - ⑦ THREE (3) DIRECT BURIAL CONDUITS FROM MDF ROOM IN MAIN BUILDING RESERVED FOR COMMUNICATIONS/VOICE/DATA/VIDEO/SECURITY/CONTROL SIGNALS.
 - ⑧ LOCATION RESERVED FOR COMMUNICATIONS, DATA, VOICE, FIRE ALARM SYSTEM, AND SECURITY.
 - ⑨ FOUR CONDUITS UP IN THIS AREA.
 - ⑩ AREA RESERVED FOR ELECTRICAL PANELBOARDS.
 - ⑪ PROVIDE 1/4" C FOR ELECTRONIC GROUNDING CONDUCTOR.

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ISSUE DATES:

1. PROGRESS SET (NOT FOR CONSTRUCTION)	06-04-12
2. BID PACK A (90% SUBMISSION)	06-14-12
3. BID PACK A (NOT FOR CONSTRUCTION)	06-27-12
4. BID PACK A (ISSUED FOR BID)	07-03-12
5. BID PACK A (ISSUED FOR BIDDING)	07-03-12

Addendum 4 Bid Pac A 7/27/12



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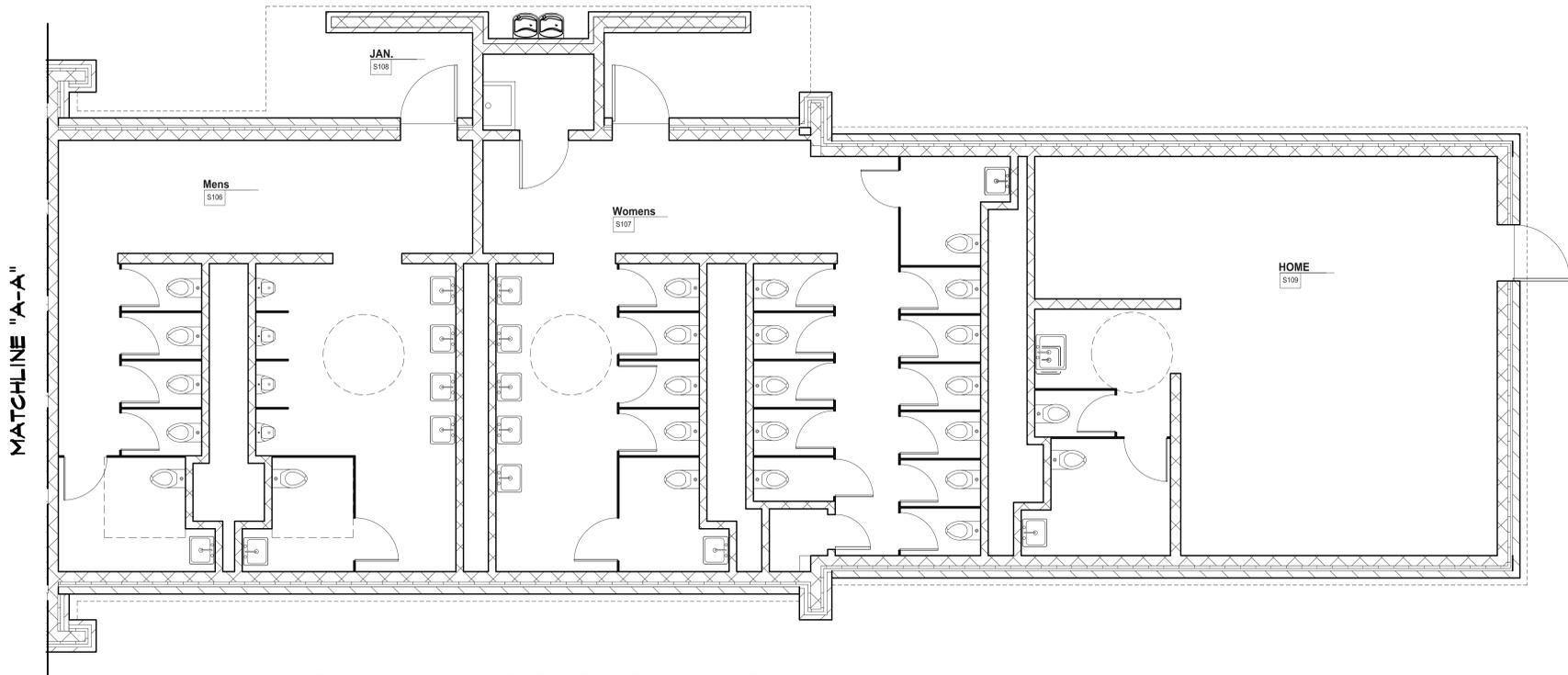
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www.fearnclendaniel.com

PROJECT

WOODBRIDGE SCHOOL DISTRICT
WOODBRIDGE HIGH SCHOOL
Woodbridge Road
ADDENDUM #4

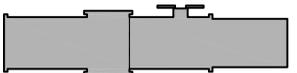
DRAWING TITLE:
STADIUM SUPPORT FACILITY
FIRST FLOOR PLAN
ELECTRICAL - NEW WORK

DWN BY: CLJ	CHK BY: CDH	PROJ. NUMBER: 11156
DATE: 07-26-12	DRAWING NUMBER: EP-13.01	
SCALE: AS NOTED		



1 STADIUM SUPPORT FACILITY - FIRST FLOOR PLAN - ELECTRICAL
1/4" = 1'-0"
SCALE: 1/4" = 1'-0"

NEW DRAWING FOR DIRECT BURIAL CONDUIT SERVING STADIUM SUPPORT BUILDING.

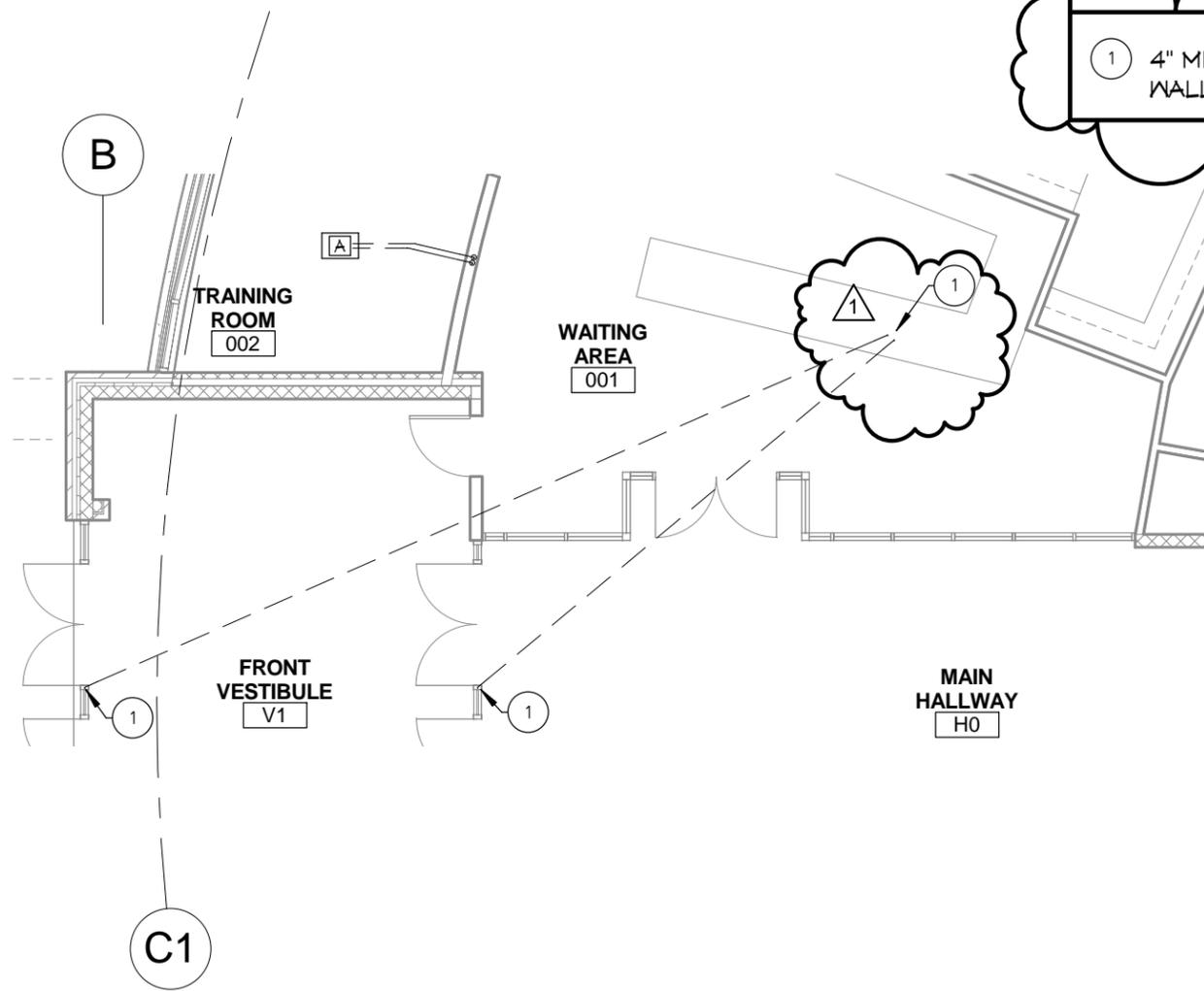


KEY PLAN

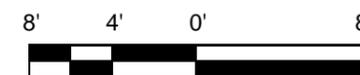
DRAWING NOTES

(APPLY TO THIS DRAWING ONLY)

① 4" MINIMUM STUB UP CENTERED IN WALL/CHASE/MULLION/CASEWORK. ⚠



① PARTIAL FIRST FLOOR PLAN - AREA A - POWER
1/8" = 1'-0"



SCALE : 1/8" = 1'-0"



CHANGE NOTE FROM #5 TO #1 AT RECEPTIONIST DESK. ADD "CASEWORK" TO NOTE #1.

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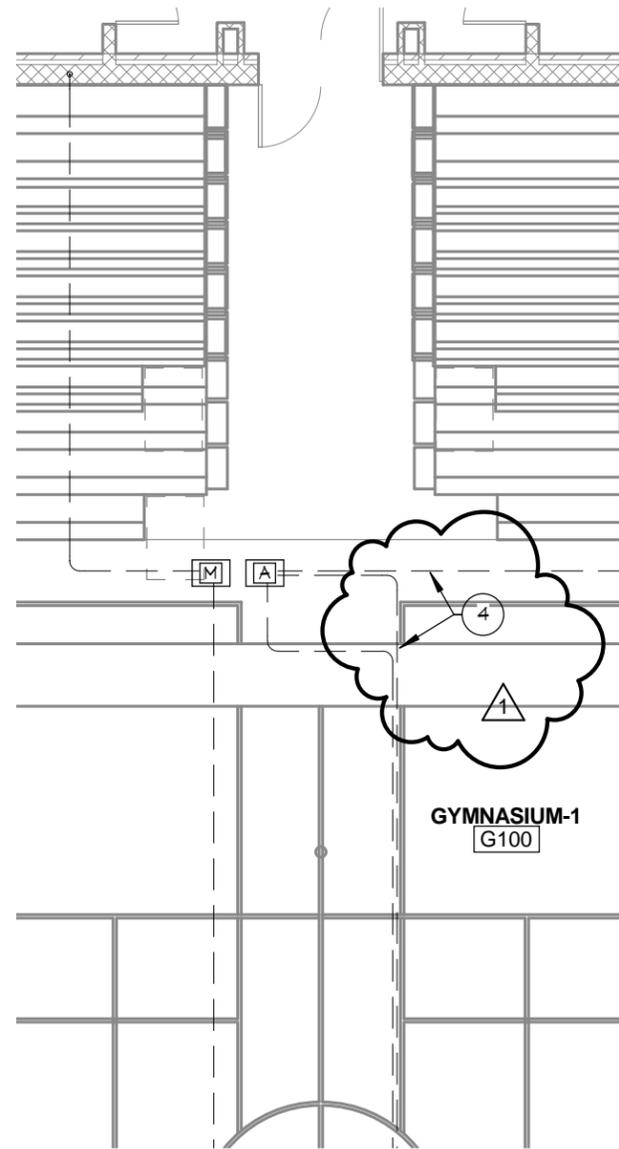
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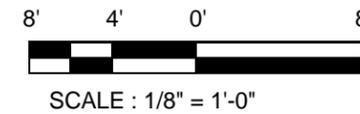
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PROJECT: WOODBIDGE HIGH SCHOOL		SKETCH NO: E-SK-02 Addendum No.4
SCALE: 1/8" = 1'-0"	PROJ NO: 11156	DATE: 7/26/12





1 PARTIAL FIRST FLOOR PLAN - AREA B - POWER
 1/8" = 1'-0"

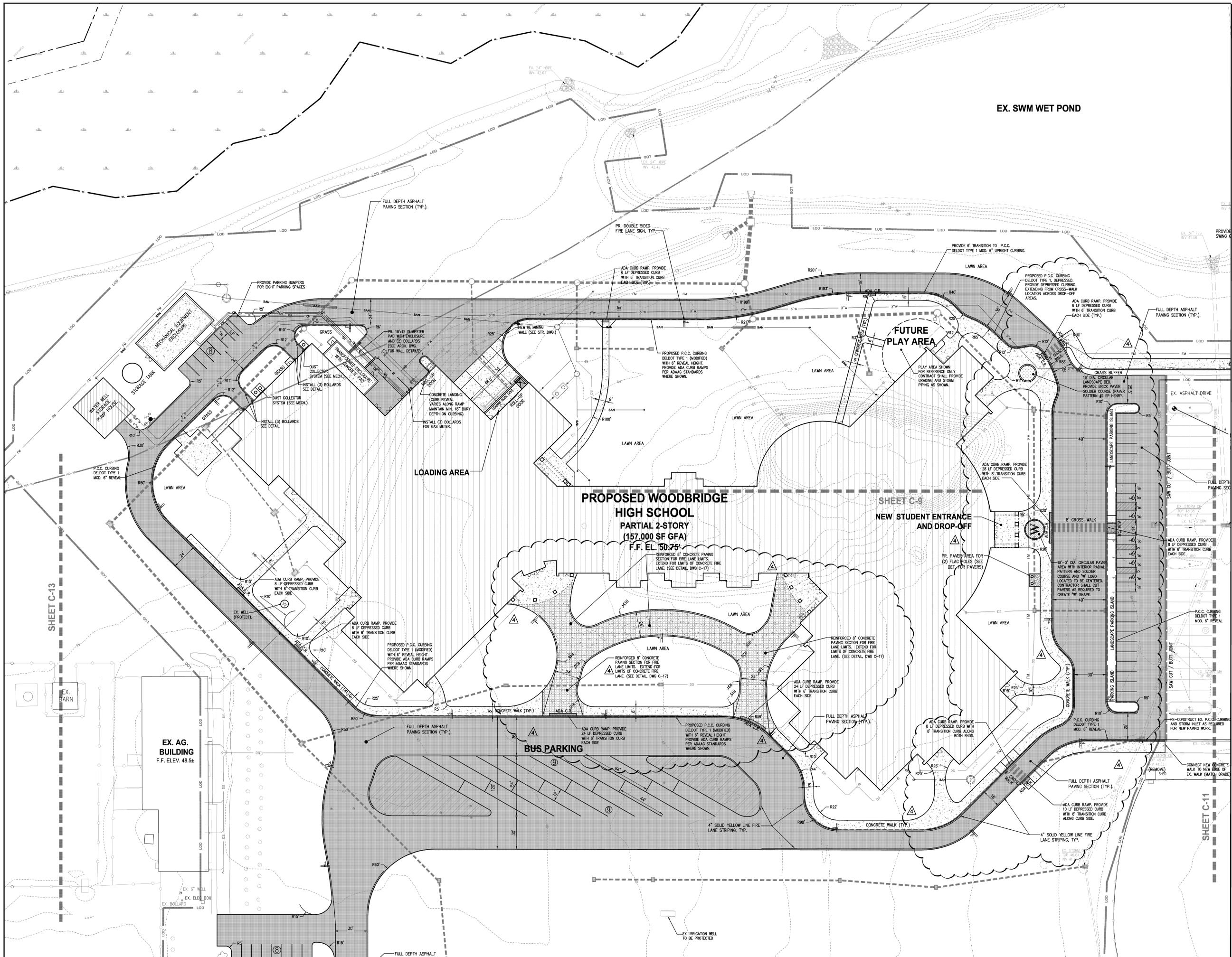


1 CHANGE NOTE FROM #5 TO #4.

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PROJECT: WOODBRIDGE HIGH SCHOOL		SKETCH NO: E-SK-03 Addendum No.4
SCALE: 1/8" = 1'-0"	PROJ NO: 11156	DATE: 7/26/12





EX. SWM WET POND

FUTURE PLAY AREA

PROPOSED WOODBRIDGE HIGH SCHOOL
PARTIAL 2-STORY
(157,000 SF GFA)
F.F. EL. 50.75'

SHEET C-9
NEW STUDENT ENTRANCE AND DROP-OFF

BUS PARKING

EX. AG. BUILDING
F.F. ELEV. 48.5±

CONSULTANTS:



30 15 0 15 30
1"=30'

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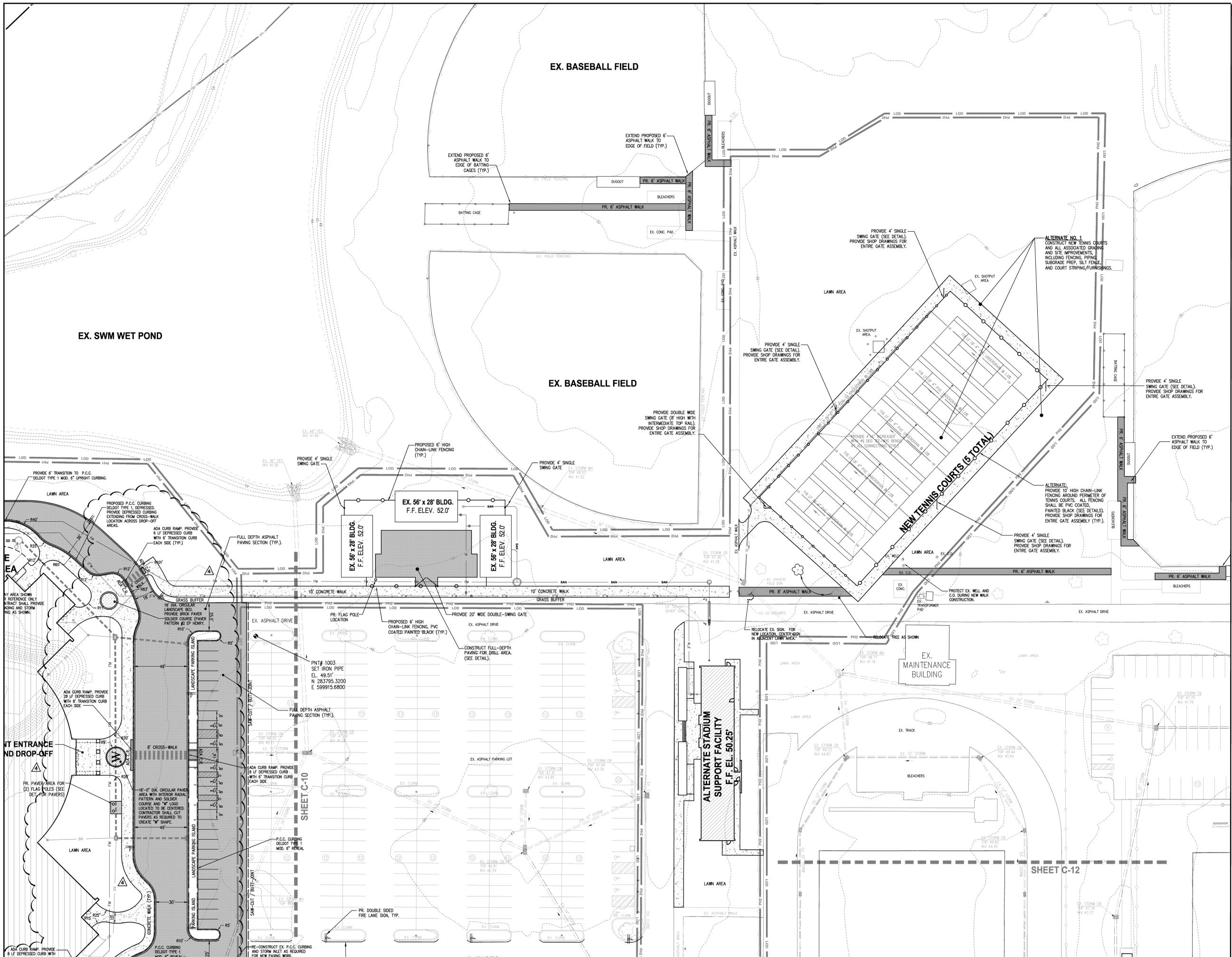
PRELIMINARY SITE PLAN SUBMISSION	2.03.12
SEWER & STORMWATER SUBMISSION	3.12.12
DESIGN DEVELOPMENT SUBMISSION	3.28.12
REVISED PER DIRECT COMMENTS	4.26.12
REVISED PER DIRECT COMMENTS	4.30.12
ISSUED FOR BID - BID PACK 'A'	5.14.12
REVISED PER DIRECT COMMENTS	7.03.12
REVISED PER DIRECT COMMENTS	7.24.12
REVISED PER FIRE MARSHAL COMMENTS	7.24.12
ADDENDUM #4	7.26.12

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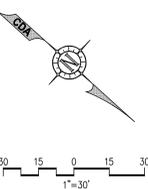
PROJECT:
**WOODBRIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL**
Woodbridge Road
SUSSEX COUNTY, DE

DRAWING TITLE:
SITE LAYOUT, SIGNAGE, & STRIPING PLAN

OWN. BY:	CHK. BY:	PROJECT NUMBER:
EMT	CD	11109
DATE:		DRAWING NUMBER:
7.26.12		C-10
SCALE:		1"=30'



CONSULTANTS:



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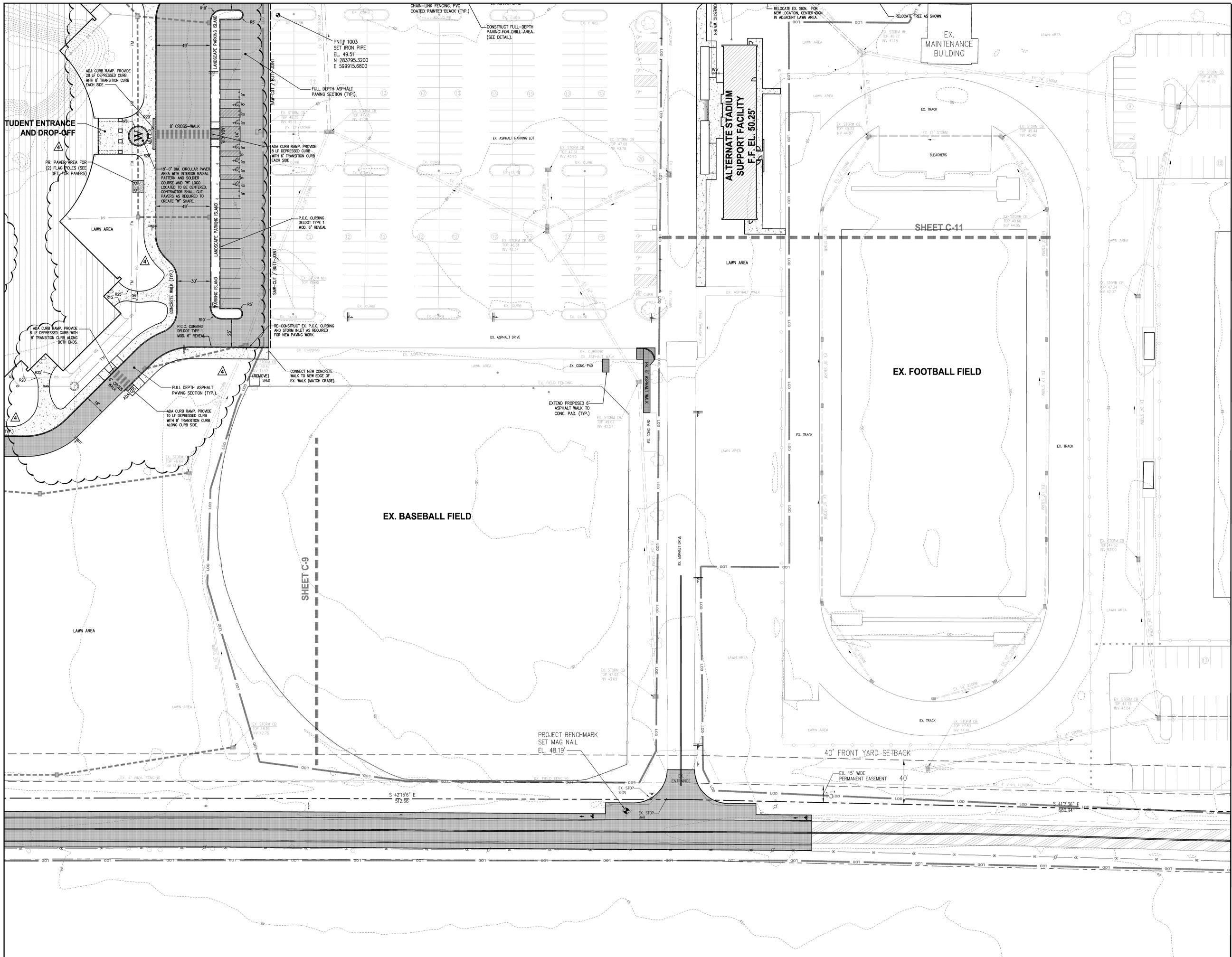
PRELIMINARY SITE PLAN SUBMISSION	2.03.12
SECUREMENT & STORMWATER SUBMISSION	3.12.12
DESIGN DEVELOPMENT SUBMISSION	3.28.12
REVISED PER DIRECT COMMENTS	4.26.12
REVISED PER DELOIT COMMENTS	4.30.12
REVISED PER DIRECT COMMENTS	5.14.12
ISSUED FOR BID - BID PACK 'A'	7.03.12
REVISED PER DIRECT COMMENTS	7.24.12
REVISED PER FIRE MARSHAL COMMENTS	7.24.12
ADDENDUM #4	7.26.12

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PROJECT:
WOODBIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
 Woodbridge Road
 SUSSEX COUNTY, DE

DRAWING TITLE:
SITE LAYOUT, SIGNAGE, & STRIPING PLAN

OWN. BY:	CHK. BY:	PROJECT NUMBER:
EMT	CD	11109
DATE:	DRAWING NUMBER:	
7.26.12		
SCALE:		C-11
1"=30'		



CONSULTANTS:



30 15 0 15 30
1"=30'

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DESIGN DEVELOPMENT SUBMISSION	3.28.12
REVISED PER DIRREC COMMENTS	4.26.12
REVISED PER DELODOT COMMENTS	4.30.12
REVISED PER DIRREC COMMENTS	5.14.12
ISSUED FOR BID - BID PACK 'A'	7.03.12
REVISED PER DELODOT COMMENTS	7.24.12
REVISED PER FIRE MARSHAL COMMENTS	7.24.12
ADDENDUM #4	7.26.12

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 Architects INC.

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 Ph. 302-988-7615 • Fax. 302-988-7665
 www.fearnclendaniel.net

PROJECT:

WOODBIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
 Woodbridge Road
 SUSSEX COUNTY, DE

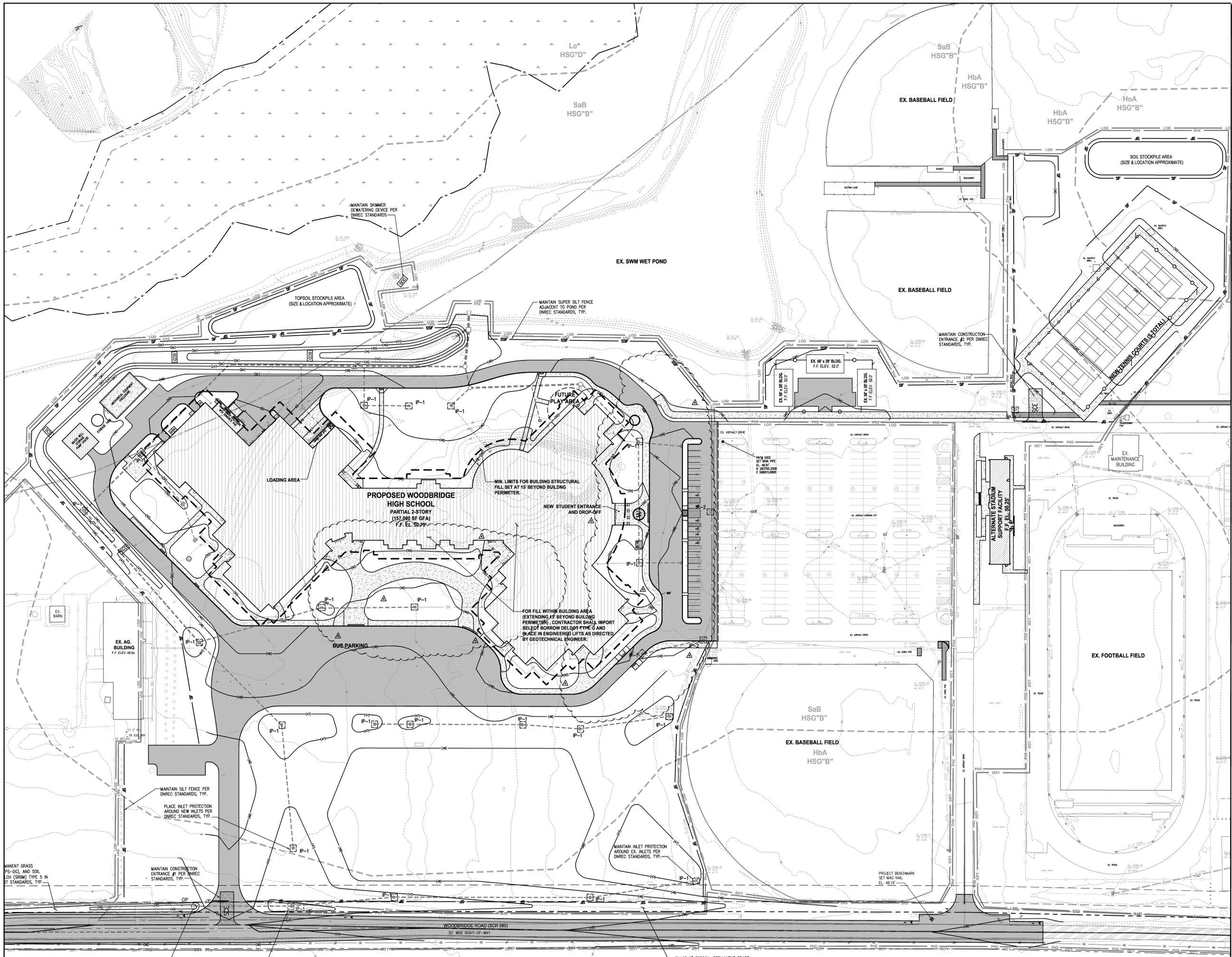
DRAWING TITLE:

SITE LAYOUT, SIGNAGE, & STRIPING PLAN

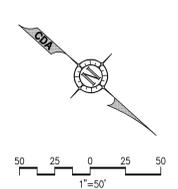
OWN. BY: EMT
 CHK. BY: CD
 PROJECT NUMBER: **11109**

DATE: 7.26.12
 DRAWING NUMBER:

SCALE: 1"=30' **C-12**



CONSULTANTS:



CDA ENGINEERING INC.
 CIVIL/SITE ENGINEERING AND LAND PLANNING
 6 LARCH AVENUE SUITE 401 WILMINGTON, DE 19804
 Tel: 302 998 9202 Fax: 302 991 1314
 cdengineering.com

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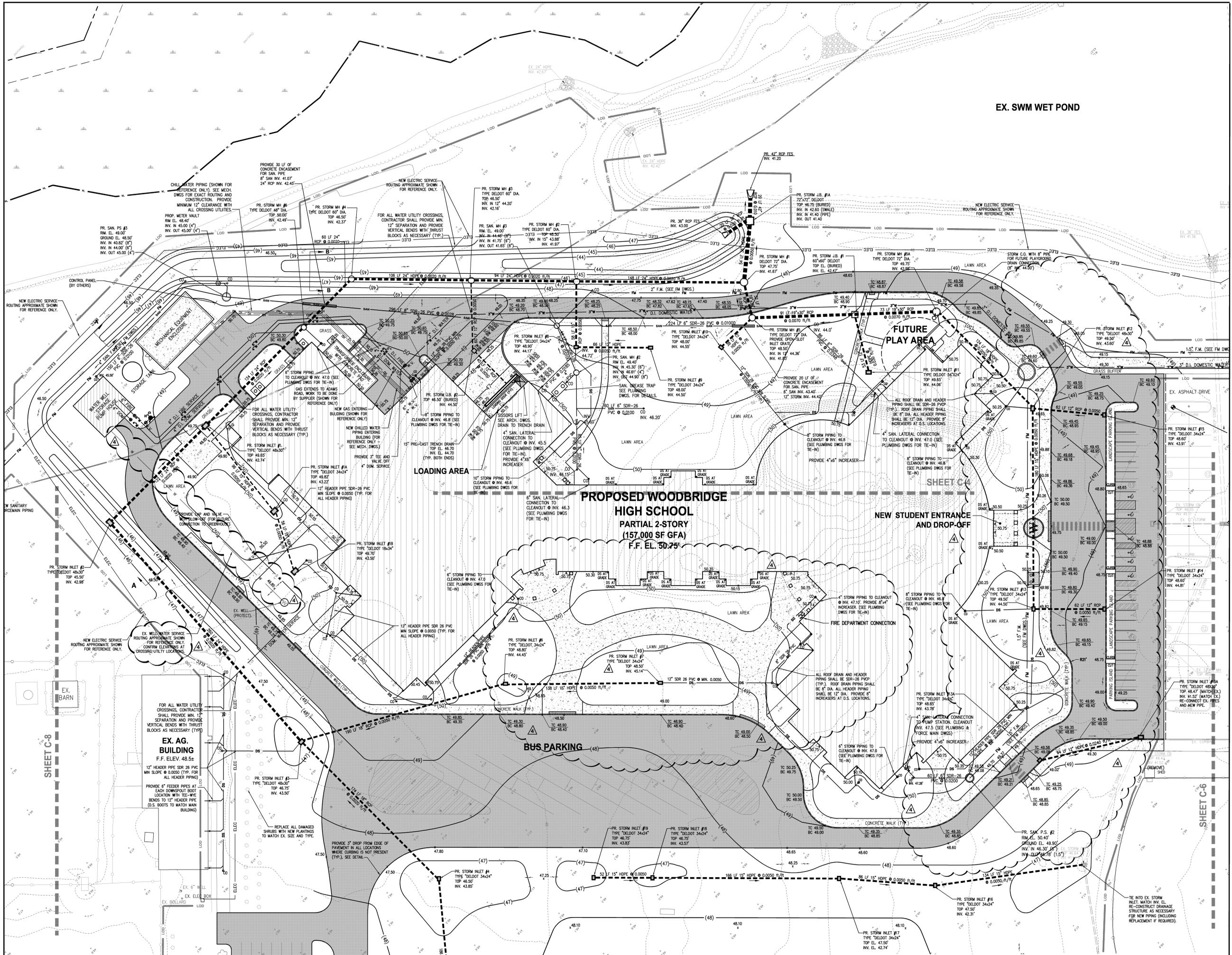
ISSUE DATES:

PRELIMINARY SITE PLAN SUBMISSION	2.03.12
SEWER & STORMWATER SUBMISSION	3.12.12
DESIGN DEVELOPMENT SUBMISSION	3.28.12
REVISED PER DNREC COMMENTS	4.26.12
REVISED PER DELOIT COMMENTS	4.30.12
REVISED PER DNREC COMMENTS	5.14.12
ISSUED FOR BID - BID PACK 'A'	7.03.12
REVISED FOR BID - BID PACK COMMENTS	7.24.12
REVISED PER FIRE MARSHAL COMMENTS	7.24.12
ADDENDUM #4	7.26.12

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Architects
 INC.
 6 Larch Avenue • Suite 398 • Wilmington, Delaware 19804
 Ph: 302-998-7615 • Fax: 302-998-7665
 www.fearnclendaniel.net

PROJECT:
WOODBRIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
 Woodbridge Road
 SUSSEX COUNTY, DE

DRAWING TITLE: POST-BULK EROSION & SEDIMENT CONTROL PLAN
OWN. BY: EMT **CHK. BY:** CD **PROJECT NUMBER:** 11109
DATE: 7.26.12 **DRAWING NUMBER:**
SCALE: 1"=50' **C-3**



EX. SWM WET POND

CONSULTANTS:



30 15 0 15 30
1"=30'

CDA ENGINEERING INC.
CIVIL/SITE ENGINEERING AND LAND PLANNING
1 LARCH AVENUE
SUITE 401
WILMINGTON, DE 19804
Tel: 302.989.9302
Fax: 302.981.1314
cdengineering.com

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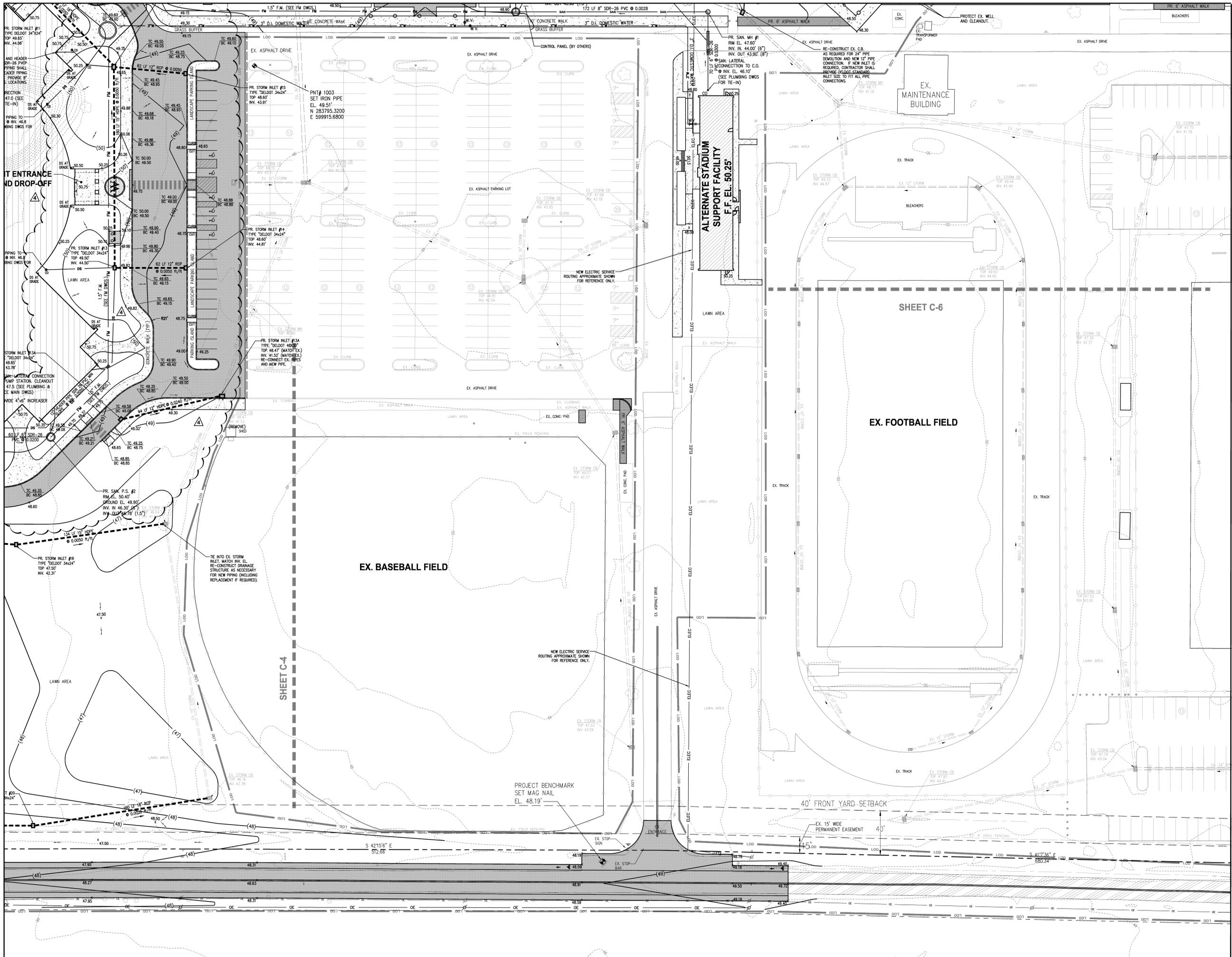
PRELIMINARY SITE PLAN SUBMISSION	2.63.12
SEWER & STORMWATER SUBMISSION	3.12.12
DESIGN DEVELOPMENT SUBMISSION	3.28.12
REVISED PER ONRCC COMMENTS	4.26.12
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REVISED PER DELOET COMMENTS	7.24.12
REVISED PER FIRE MARSHAL COMMENTS	7.24.12
ADDENDUM #4	7.26.12

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PROJECT:
WOODBRIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
Woodbridge Road
SUSSEX COUNTY, DE

DRAWING TITLE:
GRADING, DRAINAGE, & UTILITY PLANS

OWN. BY:	CHK. BY:	PROJECT NUMBER:
EMT	CD	11109
DATE:	DRAWING NUMBER:	
7.26.12		
SCALE:		C-5
1"=30'		



CONSULTANTS:



30 15 0 15 30
1"=30'

CDA ENGINEERING INC.
CIVIL/SITE ENGINEERING AND LAND PLANNING
6 LARCH AVENUE
SUITE 401
WILMINGTON, DE 19804
Tel: 302.988.9302
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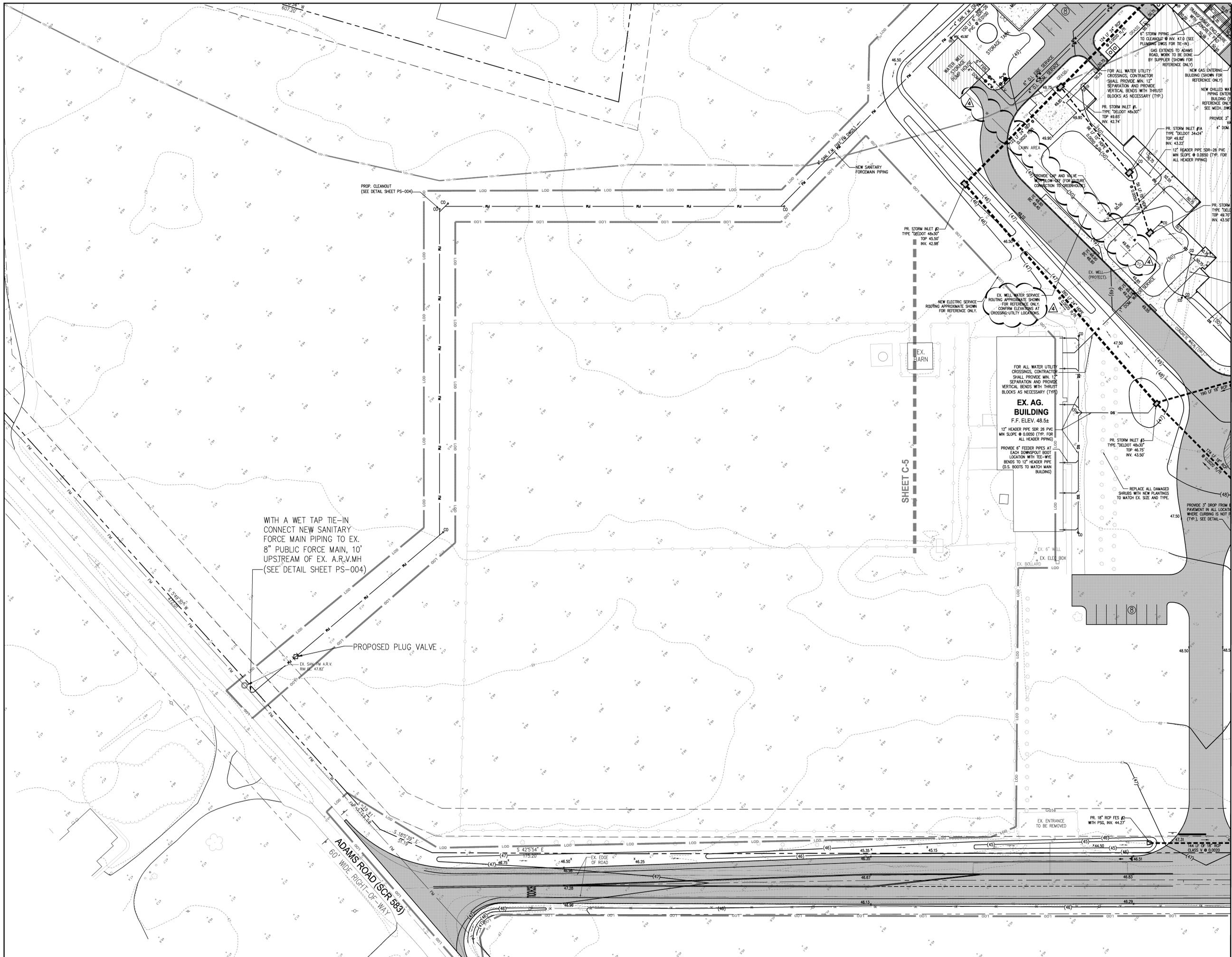
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SEWER & STORMWATER SUBMISSION	3.12.12
DESIGN DEVELOPMENT SUBMISSION	3.28.12
REVISED PER DIRECT COMMENTS	4.26.12
REVISED PER DELOIT COMMENTS	4.30.12
REVISED PER DIRECT COMMENTS	5.14.12
ISSUED FOR BID - BID PACK 'A'	7.03.12
REVISED PER DELOIT COMMENTS	7.24.12
REVISED PER FIRE MARSHAL COMMENTS	7.24.12
ADDENDUM #4	7.26.12

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6 Larch Avenue • Suite 398 • Wilmington, Delaware 19804
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PROJECT:
WOODBIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
Woodbridge Road
SUSSEX COUNTY, DE

DRAWING TITLE:
GRADING, DRAINAGE, & UTILITY PLANS

OWN. BY:	CHK. BY:	PROJECT NUMBER:
EMT	CD	11109
DATE:	DRAWING NUMBER:	
7.26.12		
SCALE:	C-7	
1"=30'		



CONSULTANTS:



30 15 0 15 30
1"=30'

CDA ENGINEERING INC.
CIVIL/SITE ENGINEERING AND LAND PLANNING
6 LARCH AVENUE SUITE 401 WILMINGTON, DE 19804
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PROJECT:
WOODBIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
Woodbridge Road
SUSSEX COUNTY, DE

DRAWING TITLE:
GRADING, DRAINAGE, & UTILITY PLANS

OWN. BY:	CHK. BY:	PROJECT NUMBER:
EMT	CD	11109
DATE:	DRAWING NUMBER:	
7.26.12		
SCALE:		C-8
1"=30'		

SITE DATA

OWNER: WOODBRIDGE SCHOOL DISTRICT
 ADDRESS: 16308 SUSSEX HIGHWAY, BRODEURVILLE, DE 19933 (302) 337-9286

TAX PARCEL NUMBER: 530-11009-30-00
 AREA OF PARCEL: 128.144 ACRES
 SOURCE OF TITLE: DEED BOOK 108 PAGES 77 & 78
 ZONING: AR-1
 ZONING REQUIREMENTS: MINIMUM LOT AREA: 20,000 S.F.
 LOT WIDTH: 100 FT
 FRONT YARD SETBACK: 40 FT
 SIDE YARD SETBACK: 15 FT
 REAR YARD SETBACK: 20 FT
 MAX BUILDING HEIGHT: 42 FT

DATUM: HORIZONTAL = NAD 83
 VERTICAL = NAVD 88

PROJECT BENCHMARK: MAG NAIL, N 284509.69, E 600236.10
 ELEVATION: 48.19'

DATE OF SURVEY: AERIAL SURVEY: OCTOBER 2011 BY AXIS GEOSPATIAL, LLC
 FIELD SURVEY: NOVEMBER 2011 BY TRANSITION ENGINEERING SURVEYING, LLC
 BOUNDARY DEPICTED PER DAVIS, BOWEN & FRIEDEL RECORD PLAN ON-SITE WELL

WATER: TOWNS OF BRIDGEVILLE AND GREENWOOD, SEWER IS SUBJECT TO THE APPROVAL OF THE DELAWARE STATE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL, THE DELAWARE STATE DIVISION OF PUBLIC HEALTH AND THE TOWNS OF BRIDGEVILLE AND GREENWOOD.

SEWER: 10,500 GPD = 700 STUDENTS + 15 GPD (SCHOOL W/CAFETERIA)
 42,000 GPD = PEAK (4 x AVG. FLOW)

SANITARY SEWER FLOW: 3 PER ADMIN. OFFICES + 1/10 STUDENTS + 1/5 SEATS IN AUDITORIUM/GYM
 3 X 12 OFFICES + 1,700 X 700 STUDENTS + 1/5 X 1,800 SEATS
 466 SPACES REQUIRED

PARKING REQUIRED: EXISTING SPACES: 509 SPACES, INCLUDING 20 ADA ACCESSIBLE SPACES
 PROPOSED SPACES: 2 SPACES TO BE REMOVED + 18 NEW BUS SPACES
 TOTAL SPACES: 507 SPACES, INCLUDING 20 ADA ACCESSIBLE SPACES AND 18 BUS SPACES

LIMIT OF DISTURBANCE: PHASE 1: 18.34 ACRES
 PHASE 2: 5.94 ACRES
 TOTAL: 24.28 ACRES

LOT COVERAGE CALC'S: EXISTING (BASED CURRENT SURVEY)
 BUILDING COVERAGE: 11,998± SF, 0.27± AC.
 PAVED AREAS: 291,970± SF, 6.70± AC.
 OPEN SPACE: 5,277,812± SF, 121.17± AC.
 TOTAL AREA: 5,581,778± SF, 128.14± AC.

PROPOSED
 BUILDING COVERAGE: 135,058± SF, 3.10± AC.
 PAVED AREAS: 145,372± SF, 3.34± AC.

TOTAL
 BUILDING COVERAGE: 147,056± SF, 3.37± AC.
 PAVED AREAS: 437,342± SF, 10.04± AC.
 OPEN SPACE: 4,997,382± SF, 114.72± AC.
 TOTAL AREA: 5,581,778± SF, 128.14± AC.

GROSS FLOOR AREA: PROPOSED
 157,000 S.F. SCHOOL (PARTIAL 2-STORY)
 4,770 S.F. STADIUM SUPPORT BUILDING
 161,770 S.F. TOTAL GFA

WETLANDS: WETLANDS DELINEATION PER PLAN PREPARED BY DAVIS, BOWEN AND FRIEDEL, JULY 2005.

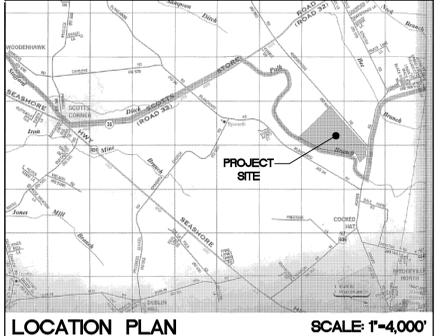
FIRE MARSHAL: ALL FIRE LANES, FIRE HYDRANTS, FIRE DEPARTMENT CONNECTIONS, SPRINKLERS, STANDPIPE CONNECTIONS, AND FIRE EXITS SHALL BE MARKED AND/OR PROTECTED IN ACCORDANCE WITH THE DELAWARE STATE FIRE REGULATIONS.

FLOODPLAIN: THIS PROPERTY LIES PARTIALLY WITHIN ZONE 'A' 100-YEAR FLOODPLAIN AS DELINEATED ON THE FIRM FLOOD INSURANCE RATE MAP, NUMBER 100503025L, WITH AN EFFECTIVE DATE OF JANUARY 6, 2005.
 A FLOOD STUDY WAS PERFORMED BY CDA ENGINEERING, INC. IN MARCH 2012. THE 100-YEAR BASE FLOOD ELEVATION IN THE LOCATION OF THE PROPOSED SCHOOL WAS DETERMINED TO BE ELEV. 45.0.

SOIL TYPE: F6a - FALLSINGTON LOAM, 0 TO 2% SLOPES
 H6b - HAMBROCK SANDY LOAM, 0 TO 2% SLOPES
 H6a - HAMBROCK FALLSINGTON-MULLICA COMPLEX, 0 TO 2% SLOPES
 S6a - SASSAPARA SANDY LOAM, 0 TO 2% SLOPES
 L6 - LONGMORSH AND NORTONTOWN SOILS, PREVIOUSLY FLOODED

LEGEND

EXISTING	ITEM	PROPOSED
	SANITARY CLEANOUT	○ ^{SP}
	SANITARY MANHOLE	●
	SANITARY	○ SM
	STORM CLEANOUT	○ ST
	STORM MANHOLE	●
	STORM CATCH BASIN	□
	STORM	---
	DOWNSPOUT	○ ^{DS}
	DOWNSPOUT + ROOF DRAIN PIPING	○ ^{DR}
	SUBDRAINAGE PIPING (COURTS)	○ ^{SB}
	FIRE HYDRANT	○ ^{FH}
	GAS	○ ^G
	WATER VALVE	○ ^{WV}
	WATER	○ ^W
	POWER POLE	○ ^{PP}
	LIGHT POLE	○ ^{LP}
	ELECTRIC	○ ^E
	CHILLED WATER	○ ^{CH}
	COMMUNICATION	○ ^{COM}
	CONCRETE WALKS	▨
	CONCRETE FIRE LANES	▨
	ASPHALT	▨
	BUILDING FOOTPRINT	▨
	SPOT ELEVATION	50.25
	DIRECTIONAL FLOW ARROW	→
	CONTOURS	SS
	SOIL BOUNDARY	---
	FENCE	---
	LIMIT OF DISTURBANCE	---
	PHASE BOUNDARY	---
	BOLLARD	○
	WETLANDS	▨
	FLOODPLAIN	▨
	SILT FENCE	SF
	SUPER SILT FENCE	SSF
	INLET PROTECTION	IP-1 IP-2

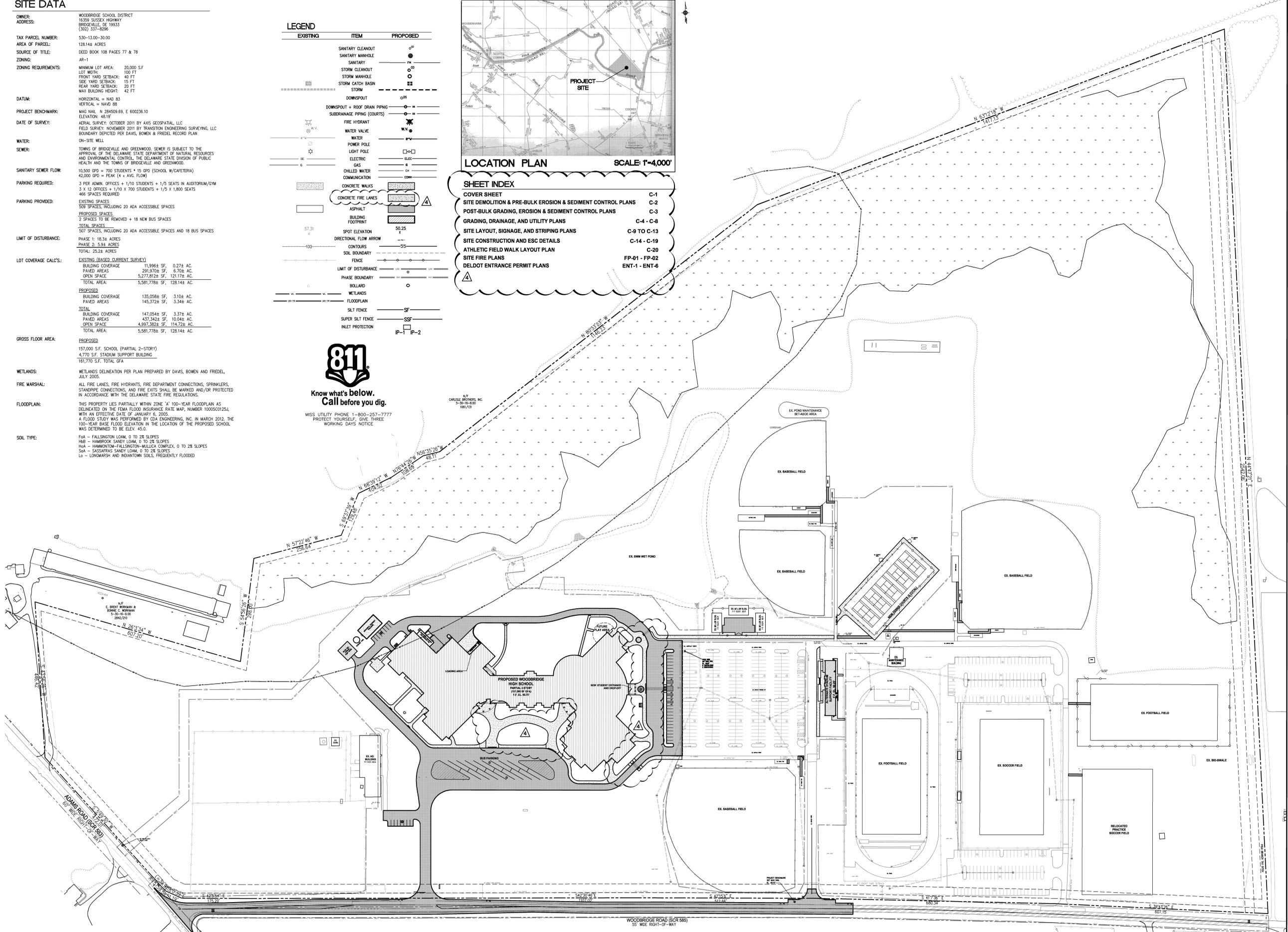


SHEET INDEX

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SITE DEMOLITION & PRE-BULK EROSION & SEDIMENT CONTROL PLANS	C-2
POST-BULK GRADING, EROSION & SEDIMENT CONTROL PLANS	C-3
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DELDOT ENTRANCE PERMIT PLANS	ENT-1 - ENT-6



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 PROTECT YOURSELF: ONE THREE WORKING DAYS NOTICE.



CERTIFICATION OF OWNERSHIP
 I, COLMILLE DEASANS, HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY DESCRIBED AND SHOWN ON THIS PLAN. THAT THE PLAN WAS MADE AT MY DISCRETION. THAT I ACKNOWLEDGE THE SAME TO BE MY ACT AND DESIRE THE PLAN TO BE RECORDED ACCORDING TO LAW, AND THAT ALL LAND CLEARING, CONSTRUCTION AND DEVELOPMENT SHALL BE DONE PURSUANT TO THE APPROVED PLAN.

CERTIFICATION OF PLAN ACCURACY
 I, COLMILLE DEASANS, HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL ENGINEER WITH A BACKGROUND IN CIVIL ENGINEERING IN THE STATE OF DELAWARE. THAT THE INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO MY BEST KNOWLEDGE AND BELIEF REPRESENTS GOOD ENGINEERING PRACTICES AS REQUIRED BY THE APPLICABLE LAWS OF THE STATE OF DELAWARE.

DR. JOHN W. MARRUCCI, DIRECTOR OF ADMINISTRATIVE SERVICES, DATE: _____
 COLMILLE DEASANS, REGISTRATION #13049, DATE: _____

CONSULTANTS:

CDA ENGINEERING INC.
 CIVIL/SITE ENGINEERING AND LAND PLANNING
 6 LARCH AVENUE SUITE 401 WILMINGTON, DE 19804
 Tel: 302 988 9202 Fax: 302 891 1314 cdaengineering.com

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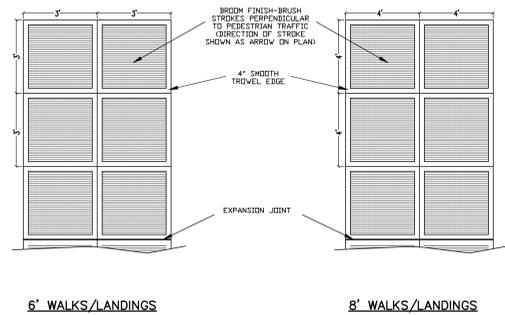
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ADDENDUM #4	7.26.12

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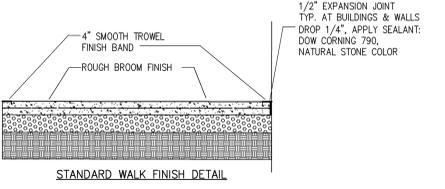
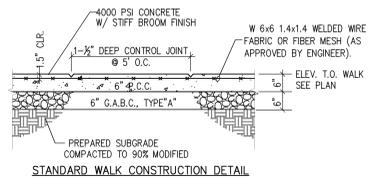
PROJECT:
WOODBRIDGE SCHOOL DISTRICT
NEW HIGH SCHOOL
 Woodbridge Road
 SUSSEX COUNTY, DE

DRAWING TITLE: **COVER SHEET**

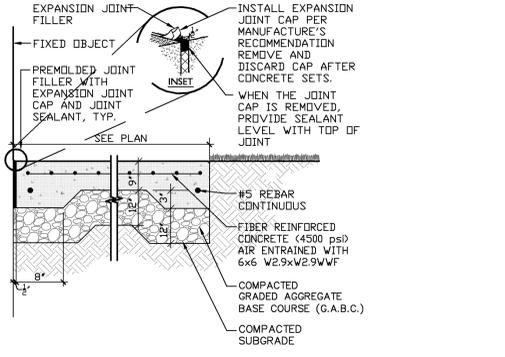
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DATE: 7.26.12	DRAWING NUMBER:	
SCALE: 1"=100'		C-1



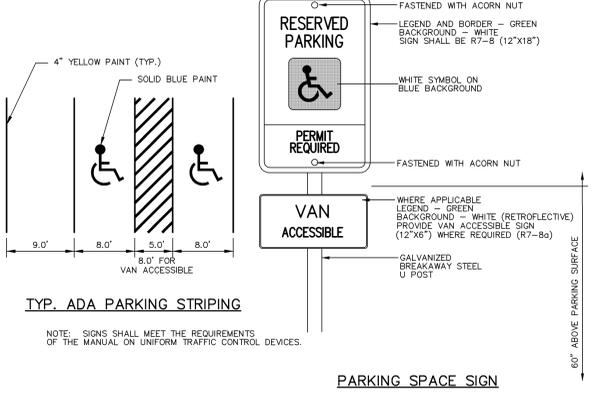
DETAIL: SCORING AND JOINT PATTERN
NOT TO SCALE
PROVIDE NO GREATER THAN 8'-0" TROWEL SECTIONS AT REMAINING CONCRETE WALKWAYS AND APRONS. SPACE JOINTS EQUALLY.



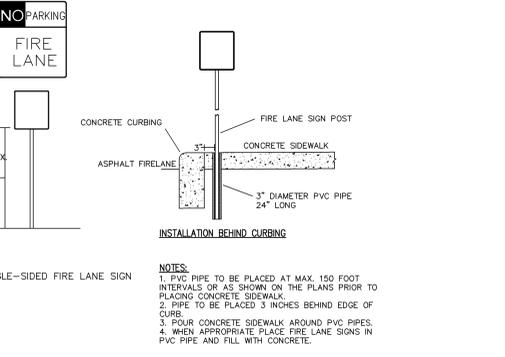
CONCRETE WALKS SECTIONS AND JOINT DETAILS
NOT TO SCALE



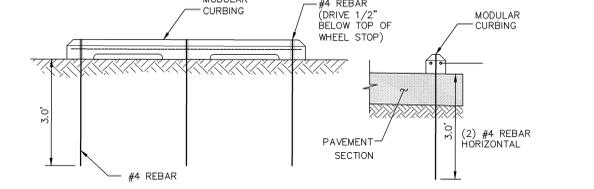
DETAIL: REINFORCED CONCRETE PAD (LOADING AREA AND DUMPSTER PAD)
NOT TO SCALE



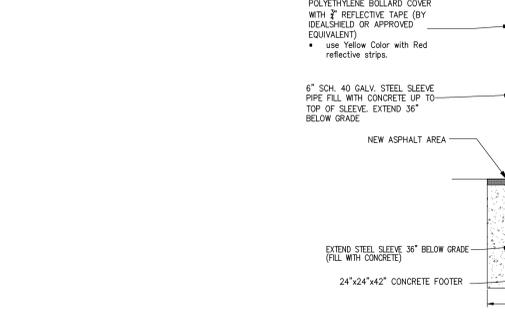
DETAIL: ADA PARKING SPACES
NOT TO SCALE



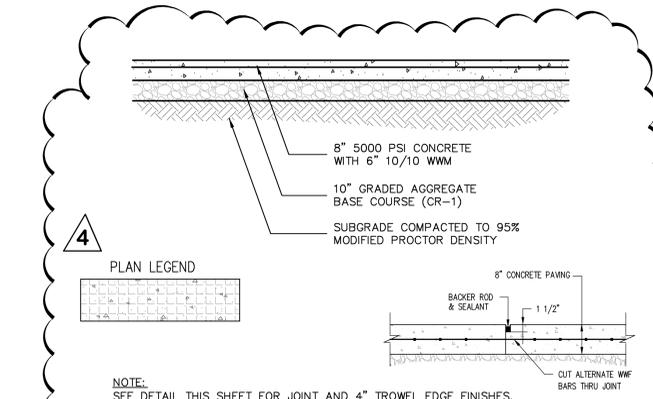
DETAIL: FIRE LANE SIGN
NOT TO SCALE



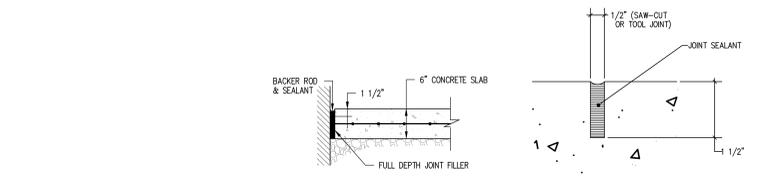
DETAIL: PRECAST CONCRETE WHEEL STOP PARKING BUMPER
NOT TO SCALE



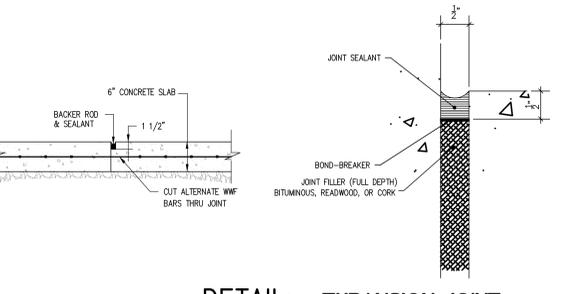
DETAIL: 6\"/>



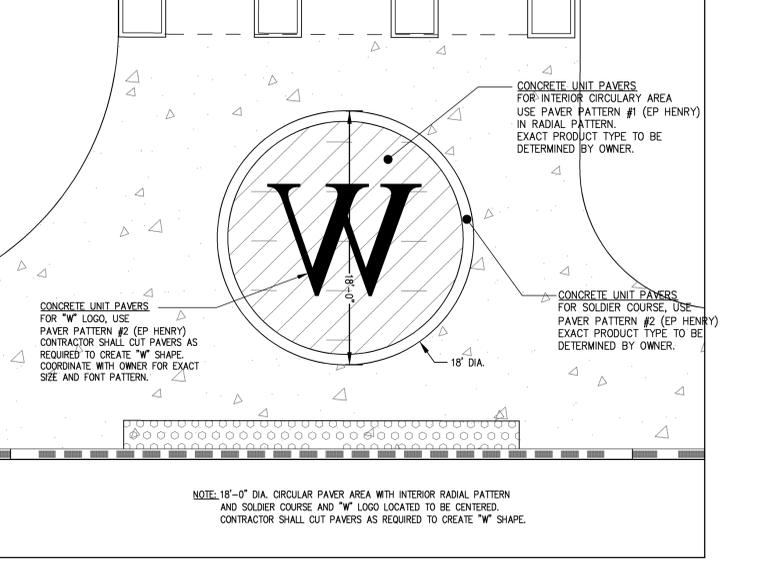
DETAIL: FIRE LANE PAVEMENT SECTION CONCRETE SIDEWALK
NOT TO SCALE



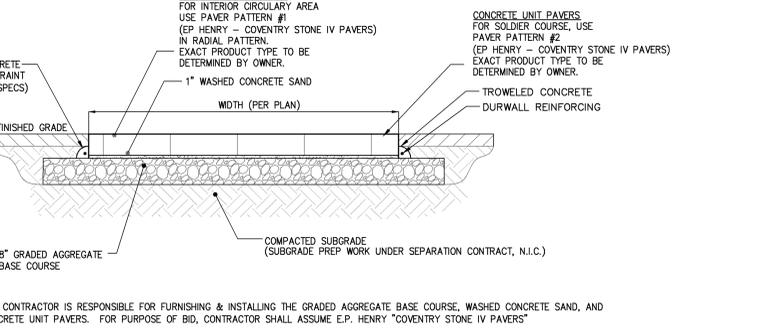
DETAIL: CONTROL JOINT
NOT TO SCALE



DETAIL: EXPANSION JOINT
NOT TO SCALE



SECTION: BRICK PAVER LAYOUT - \"/>



SECTION: BRICK PAVER INSTALLATION
NOT TO SCALE

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PROJECT:
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Woodbridge Road
SUSSEX COUNTY, DE

DRAWING TITLE:
SITE CONSTRUCTION DETAILS

OWN. BY:	CHK. BY:	PROJECT NUMBER:
EMT	CD	11109
DATE:	DRAWING NUMBER:	
7.26.12		
SCALE:	C-17	
AS SHOWN		