



EDiS COMPANY

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To: Christine Pochomis
Government Support Services
100 Enterprise Place, Suite 4
Dover, DE 19904

Date: 23 July 2012

Project: WSD New High School

Return by:

From: Diana Patille
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Copies	Prepared By	Submittal No	Description
1 ea.			Addendum No. 2

cc:	
Notes:	Please call if you have problems with the disk.

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

ADDENDUM NO.2

19 July 2012

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

Fearn-Clendaniel Architects, Inc.
6 Larch Avenue Suite 398
Wilmington, Delaware, 19804
Phone: (302) 998-7615
Fax: ((302) 998-7685

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 Q1 – Are the underslab plumbing shop drawings required to be prepared using BIM?

A1 – No.

3.0 CHANGES TO THE PROJECT MANUAL:

Volume 1 Project Manual

- 3.1 Section 002113 – Instructions to Bidders

Insert the attached sign in sheets from the Pre-Bid meeting held on Tuesday, 17 July 2012 at 2:00 PM. The sheets are being issued as a courtesy. Attendance at the Pre-Bid meeting was not mandatory.

- 3.2 Section 004100 – Bid Form and Attachments

- Contract A-01 – Sitework

Replace existing page 4 "Subcontractor's List" with the one included in this Addendum.

- Contract A-03 – Below Grade Masonry

Replace existing page 3 "Subcontractor List" with the one included in this Addendum.

3.3 Section 007300 – Supplementary General Conditions

- Reference Paragraph 3.5 Warranty.

Subparagraph 3.5.1 change One Year to Two Years.

Subparagraph 3.5.3 change "one year" to "two years" in first sentence.

3.4 Section 011100 – Summary of Work

Reference Summary of Work issued in Addendum #1 and make the following changes:

- Page 9, Item 21 – delete semicolon after the word "Camp" in second sentence.
- Page 9, Item 24 – change the word "inducing" to "including" in second sentence.
- Page 10, Item 35 – change entire item to read, "Temporary water will be available on site."
- Page 11, Item 51 – Change to read, "Provide retaining wall construction including foundation and wall construction. Provide loading dock area concrete pad and dumpster pad. Provide trench drain at loading dock. Loading dock foundation wall construction will be provided by the Concrete Contractor."
- Page 11, Delete Item 52 in its entirety.
- Page 13, Item 15, add the following: "The Concrete Contractor shall provide the loading dock foundation and wall construction complete. Pad and trench drain to be provided by the Sitework Contractor."
- Page 20, Item 8, add "The Underslab Plumbing Contractor will bring the fire service line from 5' outside building line and into the Sprinkler Room."
- Page 21, Item 7, Add "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."

3.5 Section 012100 – Allowances

Reference paragraph 23,

A – Sitework, Item 3. Change "decorate" to "decorative."

B – Concrete, insert Item 2: \$80,000 for Winter Concrete.

C – Below Grade Masonry, insert Item 2: \$20,000 for Winter Masonry

D – Structural Steel & Miscellaneous Metals. Change Item 2 to read "\$100,000 for Miscellaneous Metals."

3.6 Section 013113 – Project Coordination Meeting

Reference Paragraph 2 Attendance and add the following subparagraphs:

2.4 Contractors that fail to attend these meeting will be penalized, through a deductive change order, \$100 for each meeting they miss, unless they have prior permission to miss the meeting.

2.5 EDiS will prepare meeting minutes and distribute them to all of the Contractors. Each Contractor is required to review the meeting minutes and follow up on items assigned. Each Contractor will be responsible for disseminating information discussed during these meetings to their field personnel, subcontractors, and suppliers.

4.0 CHANGES TO THE DRAWINGS:

Volume 2 – Drawings Set

4.1 Replace the following structural drawings in their entirety. Delete sheets S10-00 to S41-03, latest issue date 7-3-12. Add the attached sheets S10-00 to S41-03, latest issued dated 7-19-12.

END OF ADDENDUM NO. 2



**Woodbridge School District
New High School
Pre-Bid Meeting - Bid Pac A
Date: 17 July 2012**

WSD New Woodbridge High School
Addendum No. 2, Bid Pac A



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Woodbridge School District
New High School
Pre-Bid Meeting - Bid Pac A
Date: 17 July 2012

REPRESENTATIVE:

ORGANIZATION:

PHONE:

E-MAIL

~~Aickle Electric~~ Scott Frier Nickle Electrical

JEFF WALKER

Adam Smith

JEFF WHITE

MARK MALEY

MARK C WILSONER

Dante Beckham

Allen Bush

Dr Phyllis Kohel

Herbert Giletski

John Marinucci

Ken Peam

Jennifer Murphy

Matt Towse

Diana Patille

J. W. WALKER & SONS, INC.

Tudor Electric

JOSEPH M. ZIMMERMAN, INC.

HARKINS CONCRETE

CARPENTERS LOCAL 2012

T.G. Electric

Mid-Atlantic Steel

Woodbridge School District

WSD Board

Woodbridge School District

Peam Landaniel Architects

CEA Engineering

RED's company

RED's company

(302) 856-1006

302-378-3500

302-736-1444

410-546-5700

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Contract A-01 Sitework

SUBCONTRACTOR LIST

In accordance with Title 29, Chapter 6962 (d)(10)b Delaware Code, the following sub-contractor listing must accompany the bid submittal. The name and address of the sub-contractor must be listed for each category where the bidder intends to use a sub-contractor to perform that category of work. In order to provide full disclosure and acceptance of the bid by the Owner, it is required that bidders list themselves as being the sub-contractor for all categories where he/she is qualified and intends to perform such work.

<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>
1. Sitework	<hr/>	<hr/>
2. Electric	<hr/>	<hr/>
3. Concrete Curbs	<hr/>	<hr/>
4. Fencing	<hr/>	<hr/>
5. Paving	<hr/>	<hr/>
6. Above Ground Storage Tank	<hr/>	<hr/>

Contract A-03 Below Grade Masonry

SUBCONTRACTOR LIST

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<u>Subcontractor Category</u>	<u>Subcontractor</u>	<u>Address (City & State)</u>
1. Masonry	_____	_____
2. Excavation & Backfill	_____	_____

ABV ACQ A.F.F. APP APPROX. ARCH. BD BLDG BLDG BLDG BLDG BLDG BM BMS CANT. CIP CLG CLG CLG CJ CNU COL CONC. CONC. CONC. CONSTR. CONSTR. CONTR.	ABOVE ALKALINE COPPER QUATERNARY ABOVE FINISHED FLOOR APPROVED APPROXIMATE ARCHITECTURE (AU) CANTILEVER BUILDING BLOCKING BLDG BLDG BEAM BEARING CANTILEVER CAST IN PLACE CEILING CEILING JOIST CONCRETE CONTROL JOINT CONCRETE MASONRY UNIT COLUMN CONCRETE CONCRETE CONSTRUCTION CONTRACTOR	GENERAL NOTES	1. THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR NONCONSIDISTENCES IN ADDITION TO GENERAL NOTES. FOR NONCONSIDISTENCES BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS, THE STRUCTURE REQUIREMENT SHALL APPLY, AND THE ENGINEER SHALL BE NOTIFIED PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.	2. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHANGES, INSERTS, REGISTS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.	3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. PROVIDE ALL SHORING AND BRACING REQUIRED TO STABILIZE AND PROTECT EXISTING AND ADJACENT STRUCTURES AND MEMBERS DURING COURSE OF DEMOLITION AND CONTRACTOR AFTER COMPLETION OF THE PROJECT.	4. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS UNLESS NOTED OTHERWISE.	5. ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATING SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.	6. ANY AND ALL MODIFICATIONS TO THE STRUCTURAL ELEMENTS INDICATED ON THESE DRAWINGS MUST BE APPROVED BY BAKER, INGRAM & ASSOCIATES.	DESIGN LOADS	1. BUILDING CODE: INTERNATIONAL BUILDING CODE (2006 EDITION).	OCCUPANCY CATEGORY: III (SCHOOL)	2. DESIGN LIVE LOADS:	ROOF FLOOR 30 PSF MIN. + DRIFT	GROUND FLOOR SLAB 100 PSF SECOND FLOOR SLAB 150 PSF SECOND FLOOR CLASSROOMS 400 PSF SECOND FLOOR CORRIDORS 60 PSF STAGE FLOOR 125 PSF CATWALKS 40 PSF STAIRS 100 PSF MECH ROOMS 150 PSF STORAGE (LIGHT) 125 PSF	3. SNOW LOADING IS BASED ON THE FOLLOWING: DRIFTING OR SLIDING SNOW LOADS HAVE BEEN CONSIDERED WHERE APPROPRIATE.	GROUND SNOW LEVEL 25 PSF FLAT-ROOF SNOW LOAD 20 PSF SNOW EXPOSURE FACTOR 1.0 SNOW THERMAL FACTOR 0.7 SNOW LOAD IMPORTANCE 1.10	4. WIND LOADING IS BASED ON THE FOLLOWING:	BASIC WIND SPEED 100 MPH EXPOSURE CATEGORY C IMPORTANCE FACTOR 1.15 BUILDING CATEGORY LOW-RISE, ENCLOSED RIGID STRUCTURE INTERNAL PRESSURE COEFF. +0.1, 0 NET UPLIFT ON BAR JOISTS 14WFT SLAB ROOFS (a = 0) POUNDS PER CUBIC FOOT -17 PSF POUNDS PER SQUARE FOOT ZONE 2 -22 PSF POUNDS PER SQUARE FOOT ZONE 3 -22 PSF G-1/2 SLOPE ROOFS (a = 0) POUNDS PER SQUARE FOOT ZONE 1 -17 PSF POUNDS PER SQUARE FOOT ZONE 2 -27 PSF POUNDS PER SQUARE FOOT ZONE 3 -40 PSF	5. DESIGN EARTHQUAKE LOADS ARE BASED ON THE FOLLOWING:	SITE CLASS II SEISMIC IMPORTANCE FACTOR 1.25 SEISMIC USE GROUP III SPECTRAL RESPONSE ACCEL. (SS) 0.140g SPECTRAL RESPONSE ACCEL. (S1) 0.040g SPECTRAL RESPONSE COEFF. (SS) 0.233g SPECTRAL RESPONSE COEFF. (S1) 0.112g RESPONSE MODIFICATION FACTOR (R) 3 SEISMIC DESIGN CATEGORY B	FOUNDATION	1. FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERS REPORT PREPARED BY GEO-TECHNOLOGY ASSOCIATES, INC. DATED MARCH 13, 2012.	2. DESIGN BEARING CAPACITY: 3000 PSF	3. FOUNDATION DESIGN IS BASED ON SHALLOW SPREAD FOOTINGS BEARING ON SUITABLE NATURAL SOILS AND/OR NEW COMPACTED STRUCTURAL FILL.	4. ALL ORGANIC MATERIALS, EXCESSIVELY SOFT OR LOOSE SOILS, TREES, ASPHALT, CONCRETE, DEBRIS AND OTHER DELETERIOUS MATERIALS SHOULD BE REMOVED WITHIN AND AT LEAST 15 FEET BEYOND THE BUILDING LIMIT. PROOF ROLL ALL SUBGRADES. UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER, UNSUITABLE AREAS SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE GEOTECHNICAL ENGINEER. NO FILL FOR BUILDING SUPPORT SHALL BE PLACED UNTIL SUBGRADES AND FILL MATERIAL HAVE BEEN OBSERVED AND APPROVED BY THE GEOTECHNICAL ENGINEER.	5. AREAS REQUIRING UNDERCUT AND FILL MATERIAL DUE TO THE PRESENCE OF UNSUITABLE MATERIAL SHALL BE BACKFILLED TO THE DESIGN FOOTING SUBGRADE WITH NEW COMPACTED STRUCTURAL FILL.	6. COMPACTED STRUCTURAL FILL FOR BUILDING AND SLAB SUPPORT APPROVED FOR USE INCLUDE:	GRANULAR SOILS INCLUDING GW, GP, GM, SW, SP AND SM CLASSIFIED IN ACCORDANCE WITH THE UNITED SOIL CLASSIFICATION SYSTEM (USCS).	A MATERIAL UTILIZED FOR STRUCTURAL FILL MUST BE APPROVED BY THE GEOTECHNICAL ENGINEER. IF THERE IS NOT SUFFICIENT FILL MATERIAL ON SITE, CONTRACTOR SHALL TRANSPORT APPROVED BORROW MATERIAL FROM AN OFF SITE SOURCE.	7. COMPACTED STRUCTURAL FILL BENEATH ALL FOUNDATIONS, SLABS ON GRADE AND ADJACENT TO FOUNDATION WALLS SHALL BE PLACED IN LIFTS NOT EXCEEDING 6 INCHES IN LOOSE THICKNESS AND BE COMPACTED TO A MAXIMUM DRY DENSITY PER (USE 4" LIFTS FOR HAND COMPACTION EQUIP.) ASTM D-698 AS FOLLOWS: - BELOW ALL FOUNDATIONS AND TO WITHIN 12" OF SLAB SUBGRADE: 95% - TOP 12" OF FLOOR SLAB SUBGRADE: 100% MOISTURE SHALL BE OPTIMUM TO +/- 2% OF OPTIMUM.	8. BACKFILL IMMEDIATELY BEHIND FOUNDATION WALLS SHOULD BE CLEAN, GRANULAR MATERIAL. EXCESSIVE COMPACTION MAY CAUSE DAMAGE TO THE WALLS. HAND OPERATED EQUIPMENT SHOULD BE USED FOR COMPACTION NEAR DISTING AND NEW FOUNDATION WALLS. BACKFILL AGAINST NEW FOUNDATION WALLS ONLY AFTER FIRST FLOOR IS IN PLACE OR ADEQUATE BRACING HAS BEEN PROVIDED. CONCRETE FLOOR SLABS SHALL HAVE CURED 7 DAYS MINIMUM PRIOR TO BACKFILLING.	9. THE EXCAVATION FOR PLACEMENT OF COMPACTED STRUCTURAL FILL SHOULD EXTEND BEYOND THE EDGE OF FOOTINGS A MINIMUM DISTANCE EQUAL TO THE DEPTH OF FILL.	10. EXTEND BOTTOM OF EXTERIOR FOOTINGS AT LEAST 2'-0" BELOW THE EXTERIOR FINISH GRADE FOR PROTECTION AGAINST FROST.	11. ALL SUBGRADES AND UNDERLUTS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER. SOILS DISPOSED AT THE BASES OF ALL APPROVED FOUNDATION EXCAVATIONS SHOULD BE PROTECTED AGAINST ANY DETRIMENTAL CHANGE IN CONDITION, SUCH AS DISTURBANCE FROM RAIN OR FROST. SURFACE RUNOFF SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND. FOUNDATION EXCAVATIONS SHOULD BE PROTECTED FROM RAINFALL OR FREEZING CONDITIONS. SLOPE FOOTING EXCAVATIONS ARE REQUIRED FOR STABILITY AND SAFETY OR PROVIDE SHEETING OR SHORING IN ACCORDANCE WITH OSHA REQUIREMENTS. IN THE EVENT THAT THE CONTRACTOR DETERMINES THAT SHEETING AND SHORING IS REQUIRED FOR EXCAVATION, THE CONTRACTOR SHALL RETAIN THE SERVICES OF A REGISTERED PROFESSIONAL STRUCTURAL ENGINEER FOR DESIGN AND DOCUMENTATION OF ALL SHEETING AND SHORING REQUIRED FOR THE WORK.	CONCRETE	1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 (LATEST EDITION).	2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE:	FOOTINGS: 3000 PSI SLABS: 4000 PSI WALLS: 4000 PSI PIERS: 4000 PSI SUBS EXPOSED TO DE-ICING CHEM: 4500 PSI	3. CONCRETE REINFORCING SHALL CONFORM TO THE FOLLOWING DESIGNATIONS:	DEFORMED BARS (WELDBLE) ASTM A615, GRADE 60 DEFORMED BARS (WELDBLE) ASTM A706 DEFORMED BARS (GALVANIZED) ASTM A767 4 #615, GRADE 60 DEFORMED BARS (EPOXY-COATED) ASTM A775 OR A834, 4 #615, GR. 60 WELDED WIRE FABRIC ASTM A185	4. LAP DEFORMED BARS 40 DIA., UNDO. HOOKS SHALL BE STANDARD HOOKS, UNDO. LAP WELDED WIRE FABRIC SUCH THAT THE OVERLAP OF THE OUTERMOST CROSS WIRES FOR EACH ADJOINING SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRES PLUS TWO IN., UNDO.	5. CONCRETE PROTECTION FOR REINFORCEMENT (UNLESS NOTED OTHERWISE): CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 IN. CONCRETE EXPOSED TO EARTH OR WEATHER: 2 IN. NO. 5 THROUGH NO. 18 BARS: 1 1/2 IN. NO. 5 BAR AND SMALLER: 1 1/2 IN. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: 1 1/2 IN. NO. 14 AND NO. 18 BARS: 1 1/2 IN. NO. 11 BAR AND SMALLER: 1 1/2 IN.	6. REINFORCING FOR SLABS ON GRADE, WHERE NOT OTHERWISE SPECIFIED, SHALL BE AS FOLLOWS:	REINFORCING BARS: SEE FOUNDATION AND TYPICAL DETAILS. WIRE MESH: G46-W1.1 x W2.1 WWF. REINFORCING SHALL BE SUPPORTED AT MID-DEPTH OF SLAB.	7. REINFORCING FOR CONCRETE TOPPING, WHERE NOT OTHERWISE SPECIFIED, SHALL BE AS FOLLOWS:	REINFORCING BARS: SEE FRAMING AND TYPICAL DETAILS. WIRE MESH: G46-W1.4 x W1.4 WWF. REINFORCING SHALL BE SUPPORTED 1 IN. BELOW TOP OF SLAB.	8. WELDING OF REINFORCEMENT IS NOT PERMITTED UNLESS SPECIFICALLY INDICATED ON DRAWINGS. WELDING, WELDING EQUIPMENT AND FLUENTS SHALL CONFORM TO AWS D1.4-92, "STRUCTURAL WELDING CODE - REINFORCED STEEL". ELECTRODES SHALL HAVE A MINIMUM TENSILE STRENGTH OF 70 KSI. ASTM A706 BARS SHALL BE USED IN ALL WELDED APPLICATIONS.	9. COMPLETE SHOP DRAWINGS AND SCHEDULES OF ALL REINFORCING STEEL SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR REVIEW, REFER TO SPECIFICATIONS.	10. REINFORCEMENT SHALL BE CONTINUOUS AROUND CORNERS AND AT INTER-SECTIONS. PROVIDE CLASS A TENSION LAP SPICES FOR ALL HORIZONTAL WALL REINFORCING UNLESS OTHERWISE SHOWN ON PLAN. PROVIDE CLASS B TENSION LAP SPICES FOR ALL HORIZONTAL GRADE BEAM REINFORCING.	11. FOR ALL OPENINGS IN CONCRETE WALLS AND SLABS, PROVIDE SUPPLEMENTAL REINFORCING AROUND OPENINGS AS SHOWN ON THE CONTRACT DOCUMENTS.	12. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.	13. JOINTS IN SLABS ON GRADE:	a) CONTROL JOINTS SHALL BE LOCATED AS SHOWN ON FOUNDATION PLAN. IF NOT SHOWN, PROVIDE JOINTS IN A RECTANGULAR CONFIGURATION, WITH THE LONGER SIDE NO MORE THAN ONE-AND ONE-HALF TIMES THE LENGTH OF THE SHORTER SIDE. SPACE CONTROL JOINTS NO MORE THAN 20 FEET APART. DISCONTINUE WELDED WIRE FABRIC AT CONTROL JOINTS.	b) CONTROL JOINTS SHALL BE SAW CUT OR FORMED 1/4" WIDE x (1/3 SLAB THICKNESS) DEEP AND FILLED WITH JOINT SEALER. CUT JOINTS AS SOON AS POSSIBLE WITHOUT TRAVING THE CONCRETE SURFACE. CONSTRUCTION JOINTS SHALL INCLUDE A 1"x2" SHEAR KEY AT MID-HEIGHT OF SLAB.	c) SOL. JT. - PRE-MODEL JOINT FILLER. USE AROUND ALL PLUNG, PIERS AND AT FOUNDATION WALLS.	14. CONTROL JOINTS IN WALLS SHALL NOT EXCEED 40'-0" O.C. NOR 15'-0" FROM ANY CORNER.	15. ANCHOR BOLTS SHALL CONFORM TO ASTM A307 UNLESS NOTED OTHERWISE.	16. CURING REQUIREMENTS:	a) SLABS TO BE COVERED WITH A FINISH MATERIAL MAY BE SPRAYED WITH A CURING COMPOUND AND WET CURED AT CONTRACTORS OPTION. CONTRACTOR TO VERIFY COMPATIBILITY OF CURING COMPOUND WITH FINISH MATERIAL.	b) ALL SLABS AND WALLS EXPOSED TO VIEW SHALL BE WET CURED FOR A MINIMUM OF 7 DAYS.	MASONRY	1. ALL MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1 (LATEST EDITION).	2. ALL CONCRETE MASONRY UNITS SHALL BE ASTM C90, GRADE N, TYPE 1 STANDARD WEIGHT BLOCKS INCLUDING STRETCHERS AND CORNER BLOCKS. MINIMUM PRISM STRENGTH OF BLOCK SHALL BE 76 - 1500 PSI IN 28 DAYS U.N.O. MORTAR SHALL CONFORM TO ASTM SPECIFICATION C270, TYPE M OR S U.N.O.	3. CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND UNLESS NOTED OTHERWISE ON THE ARCHITECTURAL DRAWINGS.	4. LOCATION OF UNITS AT MASONRY OPENINGS SHALL BE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.	5. MASONRY WALLS WHICH SUPPORT STRUCTURAL MEMBERS SHALL HAVE CELLS GROUTED SOLID 3 COURSES MINIMUM UNDER BEARING.	6. HORIZONTAL WALL REINFORCING SHALL BE INSTALLED IN ALL WALLS. REINFORCING SHALL BE BOLTED USING MIN. 3/4" DIAMETER ASTM A325H HIGH STRENGTH BOLTS (UNDO EXCEPT WHERE SUP CRITICAL CONNECTIONS ARE REQUIRED AND NOTED BY A325SC) ON THE DRAWINGS.	7. REF. TRUSS FOR VENEER TIES.	8. SEE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS.	9. STANDARD LAP LENGTH OF GRADE 60 MASONRY REINFORCING BARS SHALL BE 45 BAR DIAMETERS.	10. ALL LOAD BEARING CMU WALLS SHALL CONTAIN JOINTS WHICH ARE FULLY BEDDED.	11. FILL ALL BOND BEAMS WITH 2500 PSI CONCRETE USING 3/8" MAXIMUM AGGREGATE SIZE.	12. WHERE INDICATED, GROUT CORES SOLID WITH A HIGH SLUMP MIX IN ACCORDANCE WITH ASTM SPECIFICATION C476 HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.	COLD FORMED STEEL FRAMING	1. THE EXTENT OF THE WORK FOR THE EXTERIOR METAL STUD WALL SYSTEM IS DETAILED ON THE ARCHITECTURAL DRAWINGS. THESE NOTES SHALL BE WORKED IN CONJUNCTION WITH THOSE DRAWINGS AND THE SPECIFICATIONS. INCONSIDISTENCES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.	2. ALL STUDS, JOISTS AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, STEEL THICKNESS AND SPACING SHOWN ON THE PLANS, AS MANUFACTURED BY MARINO INDUSTRIES. EQUIVALENT PRODUCTS BY OTHER MANUFACTURERS MAY BE SUBMITTED WITH ENGINEERS PROOK APPROVAL. SUBSTITUTIONS MUST NOT EXCEED MARINO PROPERTIES. PRODUCTS FAILING TO MEET THESE MINIMUM PROPERTIES WILL BE REJECTED. ALL STUDS TO BE MARKED TYPE SW 11.50" FLANGE WIDTH OR GREATER U.N.O.	3. STUDS, TRACK AND BRACING SHALL BE MANUFACTURED PER ASTM SPECIFICATION C-955.	4. ALL GALVANIZED STUDS, JOISTS AND ACCESSORIES 12, 14 AND 16 GAUGE SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A446, GRADE D, WITH A MINIMUM SPECIFIED YIELD STRENGTH OF 50,000 PSI.	5. ALL GALVANIZED STUDS, JOISTS AND ACCESSORIES, 16 GAUGE OR LIGHTER, SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A446, GRADE A, WITH A MINIMUM SPECIFIED YIELD STRENGTH OF 35,000 PSI.	6. ALL MEMBERS AND ACCESSORIES SHALL BE NOT DIPPED GALVANIZED PER ASTM A653 AND SHALL HAVE A MINIMUM G-60 COATING.	7. ALL LIGHT GAUGE MEMBERS ARE DESIGNED IN ACCORDANCE WITH AISI, "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION.	8. PROVIDE CHANNEL SHAPED STUDS, RUNNERS, TRACKS, BRACING, CLIP ANGLES, SHOES, REINFORCEMENTS, FASTENERS AND OTHER ACCESSORIES RECOMMENDED BY THE MANUFACTURER FOR A COMPLETE FRAMING SYSTEM.	9. FRAME ALL OPENINGS LARGER THAN 2" WITH A MINIMUM OF DOUBLE STUDS EACH SIDE OR AS SHOWN ON THE DESIGN DRAWINGS.	10. TRACK SHALL BE ATTACHED TO FOUNDATIONS, AND OTHER STRUCTURAL COMPONENTS AS SHOWN ON DRAWINGS. SECURELY ANCHOR STUDS IN TRACK TO FLOOR CONSTRUCTION AND OVERHEAD STRUCTURE. PROVIDE SLIP JOINTS WHERE NON-BEARING VERTICAL STUDS MEET FLOOR OR ROOF STRUCTURAL MEMBER. ALLOW 3/4" OF VERTICAL DEFLECTION AT SLIP JOINTS.	11. ALL COLD FORM TO COLD FORM STEEL CONNECTIONS SHALL BE MADE WITH NO. 10 TENSID SCREWS OF APPROPRIATE LENGTH UNLESS OTHERWISE SHOWN ON THE PLANS. PENETRATION OF JOINED MATERIAL SHALL NOT BE LESS THAN 3 EXPOSED THREADS.	12. ATTACH SHEATHING AND GYPSUM WALLBOARD TO STUDS AND JOISTS PER MANUFACTURERS RECOMMENDATIONS UNLESS OTHERWISE SHOWN ON THE PLAN.	13. INSTALL BUILT-UP HEADERS IN ALL OPENINGS LARGER THAN STUD SPACING.	14. HORIZONTAL STUD BRACING SHALL BE 16 GAUGE x 2" WIDE STEEL STRIPS OR MANUFACTURERS STANDARD BRIDGING CHANNELS. BRACING SHALL BE CONTINUOUS AND LOCATED AT 4'-0" O.C. MAX. FOR THE FULL HEIGHT OF ALL LOAD BEARING WALLS. SIMILARLY, PROVIDE BRACING FOR NON-LOAD BEARING WALLS UNTIL PERMANENT FACING MATERIAL (GYPSUM SHEATHING OR PLYWOOD) IS INSTALLED. ALL STRIPS SHALL BE SECURELY ANCHORED TO A STRUCTURAL MEMBER AT EACH END CAPABLE OF RESISTING ALL TEMPORARY BRACING FORCES. BRACES ARE TO BE INSTALLED ON BOTH SIDES OF THE WALL UNLESS NOTED OTHERWISE AND ATTACHED TO ALL LOAD BEARING STUDS.	15. AT TRACK BUTT JOINTS, TRACK MUST BE ANCHORED TO A COMMON STRUCTURAL ELEMENT.	16. ALL PERMANENT AND TEMPORARY BRACING, BLOCKING, STRAPPING AND WEB REINFORCEMENT SHALL BE INSTALLED PRIOR TO LOADING OF ANY STRUCTURAL MEMBER.	17. STUD FRAMING SUBCONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS MEETING THE PROJECT SPECIFICATIONS AND THE REQUIREMENTS OF THE DESIGN DOCUMENTS. SHOP DRAWINGS SHALL ILLUSTRATE THE DESIGN OF THE STEEL STUD EXTERIOR WALL FRAMING AND SHOW ALL STEEL STUD WALL FRAMING CONNECTIONS, SHEATHING ATTACHMENTS, STIFFENERS, ALL WALL OPENINGS, BUILT-UP HEADER AND POST LOCATIONS, AS WELL AS ALL PERMANENT AND TEMPORARY WALL BRACING AND THEIR LOCATIONS.	18. THE EXTERIOR WALL SYSTEM SHALL BE DESIGNED FOR A MAXIMUM ALLOWABLE HORIZONTAL DEFLECTION OF U/60 OF THE SPAN MEASURED FROM POINT OF ATTACHMENT TO STRUCTURAL STEEL OR CONCRETE, INCLUDING EFFECTIVE STUDS ONLY. REF. SPECIFICATION FOR WIND PRESSURES.	19. PERFORM WELDING OF ALL LIGHT GAUGE STEEL FRAMING IN ACCORDANCE WITH AWS D1.3 SPECIFICATION FOR WELDING STEEL STRUCTURAL MEMBERS.	20. CUT ALL LIGHT GAUGE STEEL FRAMING MEMBERS WITH SAWS OR SHEARS. FLAME CUTTING IS NOT PERMITTED.	21. THE LIGHT GAUGE STEEL FRAMING SUPPLIER AND ERECTOR SHALL HAVE A MINIMUM 5 YEARS EXPERIENCE IN THE FABRICATION AND ERECTION OF LIGHT GAUGE STEEL FRAMING SYSTEMS.	STRUCTURAL STEEL	1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION.	2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS:	ASTM A992 ASTM A58, U.N.O. ASTM A36, U.N.O. ASTM A53, TYPE E OR S ASTM A500, GRADE B	3. FIELD CONNECTIONS SHALL BE BOLTED USING MIN. 3/4" DIAMETER ASTM A325H HIGH STRENGTH BOLTS (UNDO EXCEPT WHERE SUP CRITICAL CONNECTIONS ARE REQUIRED AND NOTED BY A325SC) ON THE DRAWINGS.	4. FULL DEPTH CONNECTIONS ARE TO BE USED ON ALL GIRDER AND BEAM CONNECTIONS TO COLUMNS. BOLTS TO BE AT 3" O.C. VERTICAL.	5. PROVIDE A MINIMUM 3/8" THICK FULL DEPTH THRU-PLATE FOR ALL PIPE AND TUBE COLUMN CONNECTIONS.	6. DESIGN CONNECTIONS FOR THE MINIMUM SHEAR CAPACITIES NOTED IN THE AISI BEAM TABLES, OR FOR THE REACTIONS SHOWN ON THE DRAWINGS, WHICHEVER IS GREATER.	7. FULL DEPTH DOUBLE ANGLE END CONNECTIONS ARE TO BE USED ON ALL COMPOSITE BEAMS AND GIRDERS WITH SHEAR STUDS. CONNECTIONS ARE TO BE DESIGNED FOR 1/20TH OF AISI TABLE VALUES.	8. ALL WELDING SHALL CONFORM TO AWS D1.1 LATEST EDITION. ELECTRODES SHALL BE E70XX.	9. SHEAR STUDS SHALL CONFORM TO ASTM A108 GRADES 1010 THROUGH 1020 (60 KSI TENSILE STRENGTH), AN INDEPENDENT TESTING AGENCY SHALL BE EMPLOYED TO INSPECT SHEAR STUDS FOR PROPER INSTALLATION, SIZE, QUANTITY AND SPACING. SUBMIT WRITTEN REPORT INDICATING CONFORMANCE WITH DRAWINGS TO THE ARCHITECT PRIOR TO PLACING CONCRETE. WELD SHEAR CONNECTORS TO STUDS THROUGH DECKING UNITS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. DO NOT WELD SHEAR CONNECTORS THROUGH TWO LAYERS (LAPPED ENDS) OF DECKING UNITS. WELD ONLY ON CLEAN DRY DECK SURFACES. WELDING SHALL BE PERFORMED USING A PORTABLE SHUT WELDING MACHINE.	10. ALL ALUMINUM AND STEEL MEMBERS TO BE TREATED OR PROPERLY SEPARATED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.	11. SUBMIT ALL STEEL SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION.	12. STEEL FABRICATION IS SOLELY RESPONSIBLE FOR SURVEYING AND VERIFICATION OF EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO THE LOCATION, ELEVATION, AND DIMENSIONS OF EXISTING WALLS AND FRAMING.	13. SPAN/REL ANGLE TO BE ADJUSTABLE. SHIP ANGLE LOOSE AND SET WITH STRING LINE IN FIELD FOR VERTICAL AND HORIZONTAL ALIGNMENT AFTER STEEL IS FULLY ERECTED TO THE MAXIMUM TOLERANCE OF 1/4" (HORIZONTAL) PER BAY/PER FLOOR AND MUST BE SET PLUMB PRIOR TO STUD ERECTION BY STEEL ERECTOR. ANGLE MUST BE INSTALLED IN ONE LENGTH PER BAY (SEE TYPICAL SPAN/REL ANGLE DETAIL).	14. THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE DESIGN PROFESSIONAL.	15. FABRICATE BEAMS WITH THE NATURAL CAMBER UP. (PROVIDE CAMBER AS INDICATED).	16. STEEL NOT RECEIVING FIREPROOFING SHALL BE PAINTED WITH RUST INHIBITIVE PRIMER. ALL STEEL EXPOSED TO WEATHER SHALL BE PAINTED WITH RUST INHIBITIVE PRIMER AND TOP COATED OR HOT DIPPED GALVANIZED AS INDICATED ON THE DRAWINGS.	STEEL JOISTS	1. STEEL JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED TO THE REQUIREMENTS OF THE SPECIFICATIONS OF THE STEEL JOISTS INSTITUTE FOR SERIES K JOISTS, SERIES J1 JOISTS AND SERIES D12 JOISTS AND SERIES G JOIST GRIDERS.	2. MANUFACTURER SHALL BE A MEMBER OF THE STEEL JOISTS INSTITUTE. ALL BRIDGING TO BE IN ACCORDANCE WITH S3 STANDARDS AND OSHA REQUIREMENTS UNLESS NOTED OTHERWISE ON THE DRAWINGS.	3. ALL BRIDGING AND BRIDGING ANCHORS SHALL BE COMPLETELY INSTALLED BEFORE CONSTRUCTION LOADS ARE PLACED ON THE JOISTS. ALL ROOF JOISTS BRIDGING SHALL BE FIELD WELDED. BRIDGING SHALL SUPPORT THE TOP CHORDS AGAINST LATERAL MOVEMENT DURING THE CONSTRUCTION PERIOD AND SHALL HOLD THE STEEL JOIST IN APPROXIMATE POSITIONS AS SHOWN ON THE PLANS. BRIDGING SHALL BE MINIMUM 1"x1"x16".	4. JOISTS ARE TO BE CONNECTED TO STEEL BEAMS AND BEARING PLATES BY FIELD WELDING, EXTEND, CONNECT AND WELD BOTTOM CHORDS OF JOISTS AT ALL COLUMNS AND WHERE NOTED ON DRAWINGS.	5. ALL JOISTS SHALL HAVE A SHOP COAT OF RUST INHIBITIVE NON-BITUMINOUS PAINT.	6. PROVIDE RIGID CONNECTION WITH BOTTOM CHORDS TO COLUMNS ON ALL K, J1 JOISTS AND D12 JOISTS. ONLY AFTER ALL DEAD LOADS ARE APPLIED.	7. PROVIDE CEILING EXTENSION ON ALL JOISTS WITH SUSPENDED CEILINGS.	8. JOIST MANUF. TO DESIGN FOR UPLIFT LOADS INDICATED.	METAL DECKING	1. METAL DECKING SHALL CONFORM TO THE FOLLOWING DESIGNATIONS:	COMPOSITE FLOOR DECK: ASTM A653, GRADE 40 ROOF DECK: ASTM A653, GRADE 35 ROOF DECK, ACOUSTIC: ASTM A653, GRADE 40	2. METAL DECK SHALL CONFORM TO AISI'S "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS", TO 501'S "DESIGN MANUAL FOR THE FLOOR AND ROOF DECKS", AND TO 501'S "MANUAL OF CONSTRUCTION WITH STEEL DECK".	3. WELDING SHALL CONFORM TO AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL".	4. PROVIDE WELDING WASHERS FOR DECK LIGHTER THAN 22 GAUGE.	5. SPECIFIED ROOF DECK HAS BEEN DESIGNED TO BE CONTINUOUS OVER 3 SPANS MINIMUM, FOR ONE OR TWO SPAN CONDITIONS, PROVIDE HEAVIER GAGE DECK AS REQUIRED TO SUPPORT APPLICABLE LOADS.	6. SPECIFIED COMPOSITE FLOOR DECK HAS BEEN DESIGNED FOR 3 SPAN UNBOLTERED CONSTRUCTION, FOR ONE OR TWO SPAN CONDITIONS, PROVIDE HEAVIER GAGE DECK OR SHORING AS REQUIRED TO SUPPORT APPLICABLE LOADS.	7. DECK MANUF. TO DESIGN FOR UPLIFT LOADS AS INDICATED.	COLD FORMED STEEL TRUSSES	1. ROOF TRUSSES MINIMUM DESIGN REQ'TS:	TOP CHORD LIVE LOAD 30 PSF TOP CHORD DEAD LOAD 10 PSF BOTTOM CHORD LIVE LOAD 250 PSF ABOVE MECH. 4 ELEC. ROOM) 10 PSF BOTTOM CHORD DEAD LOAD 10 PSF MAX. TOTAL LOAD DEFLECTION 1/240 MAX. LIVE LOAD DEFLECTION 1/360	2. COLD FORMED TRUSS MANUFACTURER TO DESIGN AND PROVIDE PERMANENT TRUSS BRACING AND TRUSS HOLD DOWNS AS REQUIRED.	3. SUBMIT COLD FORMED STEEL TRUSS SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION.	4. MANUFACTURER IS RESPONSIBLE FOR DESIGN OF CP TRUSSES. ALL SHOP DRAWINGS TO BE SEALED BY DELAWARE PROFESSIONAL ENGINEER.	5. PROVIDE DOUBLE TRUSS AT ALL GABLE ENDS (STRUCT. TRUSS FULL GABLE END TRUSS).	POST INSTALLED ANCHORS	1. POST INSTALLED ANCHORS TO BE EPLI-THY-150 MAX ADHESIVE ANCHORING SYSTEM OR EQUAL. SUBMIT MANUFACTURERS LITERATURE FOR REVIEW/APPORVAL.	MECHANICAL UNIT, DUCTWORK, AND PIPE SUPPORT FROM JOISTS	1. THE FOLLOWING CRITERIA SHALL BE FOLLOWED FOR HANGING NEW MECHANICAL UNITS, DUCTWORK, AND PIPING (MECHANICAL AND PLUMBING) ON STEEL JOISTS IN NEW AND DISTING CONSTRUCTION.	2. SUPPORTS FOR MECHANICAL UNITS AND DUCTWORK SHALL BE PROVIDED SUCH THAT HANGER LOADS ARE LIMITED TO 250 LBS., WITH A MAXIMUM OF 2 HANGERS PER JOIST.	3. SUPPORTS FOR MULTIPLE RUNS OF PIPING 4" TO 6" IN DIAMETER SHALL BE STAGGERED SUCH THAT ONE JOIST SUPPORTS NO MORE THAN TWO PIPES. SPACING OF PIPE SUPPORTS SHALL BE ACCORDING TO INDUSTRY STANDARDS, BUT NO MORE THAN 6 FT. O.C.	4. SUPPORTS FOR MULTIPLE RUNS OF PIPING 6" TO 10" IN DIAMETER SHALL BE STAGGERED SUCH THAT ONE JOIST SUPPORTS NO MORE THAN ONE PIPE. SPACING OF PIPE SUPPORTS SHALL BE ACCORDING TO INDUSTRY STANDARDS, BUT NO MORE THAN 6 FT. O.C.	5. FOR PIPING LARGER THAN 10" IN DIAMETER, OR FOR CASES WHERE THE ABOVE CRITERIA CANNOT BE MET, SUPPLEMENTARY FRAMING SHALL BE PROVIDED TO SUPPORT THE PIPES ON NEW OR EXISTING STEEL GRIDERS AND BEARING WALLS.	6. SUPPORTS FOR MECHANICAL UNITS, DUCTWORKS, AND PIPING SHALL NOT OCCUR ON THE SAME JOIST.	7. IN NO CASE SHALL THE TOTAL WEIGHT SUPPORTED BY A SINGLE JOIST EXCEED 500 LBS., UNLESS THE JOIST IS SPECIFICALLY NOTED AND DESIGNED FOR HIGHER LOADS.	8. ALL SUPPORT POINTS SHALL BE LOCALLY REINFORCED ACCORDING TO TYPICAL DETAILS.	MASONRY WALL SUPPORT ON STEEL FRAME NOTES	1. MASONRY WALL SUPPORT DETAILS SHALL ALLOW FOR FIELD ADJUSTMENT TO ACCOMMODATE STRUCTURAL STEEL DEFLECTION, CAMBER, AND/OR SWEEP AT TIME OF MASONRY CONSTRUCTION. VERTICAL AND HORIZONTAL SLOTTED HOLES SHALL BE PROVIDED TO PERMIT SUCH FIELD ADJUSTMENT. FINAL CONNECTIONS ARE TO BE FIELD WELDED. MISCELLANEOUS LATERAL SUPPORT PLATES, ANGLES, PARTITION TOP ANCHORS, ETC. SHALL BE FIELD LOCATED AND WELDED.	2. CONCRETE ON METAL DECK SHALL BE IN PLACE FOR AT LEAST TWO (2) WEEKS PRIOR TO FINAL FIELD ADJUSTMENT OF MASONRY WALL SUPPORTS.	3. THE INTENT OF THE MASONRY WALL SUPPORT DETAILS IS TO PROVIDE CONTINUOUS SUPPORT, AS SUCH, SUPPORT SHALL BE PROVIDED ACROSS AREAS INDICATED. ON FRAMING SECTIONS THE FABRICATOR SHALL DEVELOP AREAS INDICATED. ON FRAMING SECTIONS THE FABRICATOR SHALL DEVELOP SIMILAR DETAILS FOR CONDITIONS AT COLUMNS.	4. HANGER TYPE SUPPORTS SHALL BE PROVIDED AT THE MAXIMUM SPACING INDICATED. HANGER TYPE SUPPORTS SHALL BE PROVIDED WITHIN ONE (1) FOOT OF SUPPORTED MEMBER ENDS UNLESS MEMBER END FRAMES TO A COLUMN, UNDO.	5. ANGLES AND BEAMS WITH PLATES SUPPORTING MASONRY VENEER SHALL BE HOT-DIPPED GALVANIZED.
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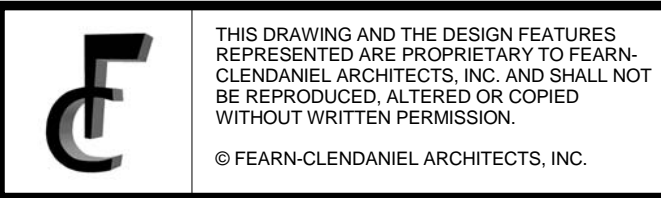
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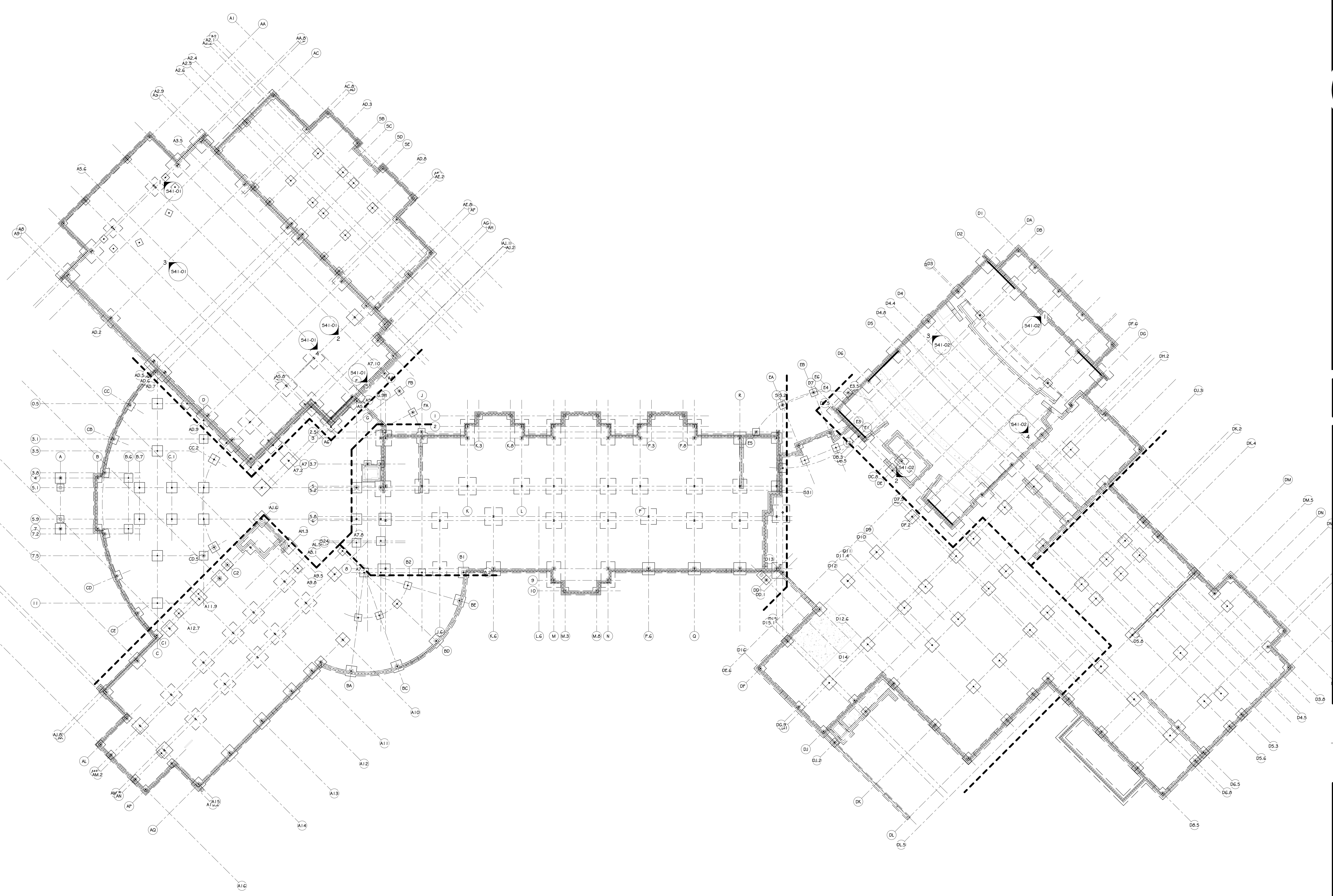


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ISSUE DATES:			
1	100% DD Drawings (not for construction)	3-28-12	
2	Bid Pac A (not for construction)	6-14-12	
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12	
4	ADDENDUM #2	07-19-12	

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PROJECT	
WOODBRIDGE SCHOOL DISTRICT	
WOODBRIDGE HIGH SCHOOL	
WOODBRIDGE ROAD	
DRAWING TITLE:	
STRUCTURAL NOTES	
DWN BY: AJC	CHK BY: CUM
DATE: 07-19-12	PROJ. NUMBER: D6932.00
SCALE: 3/4" = 1'-0"	DRAWING NUMBER: S10-00



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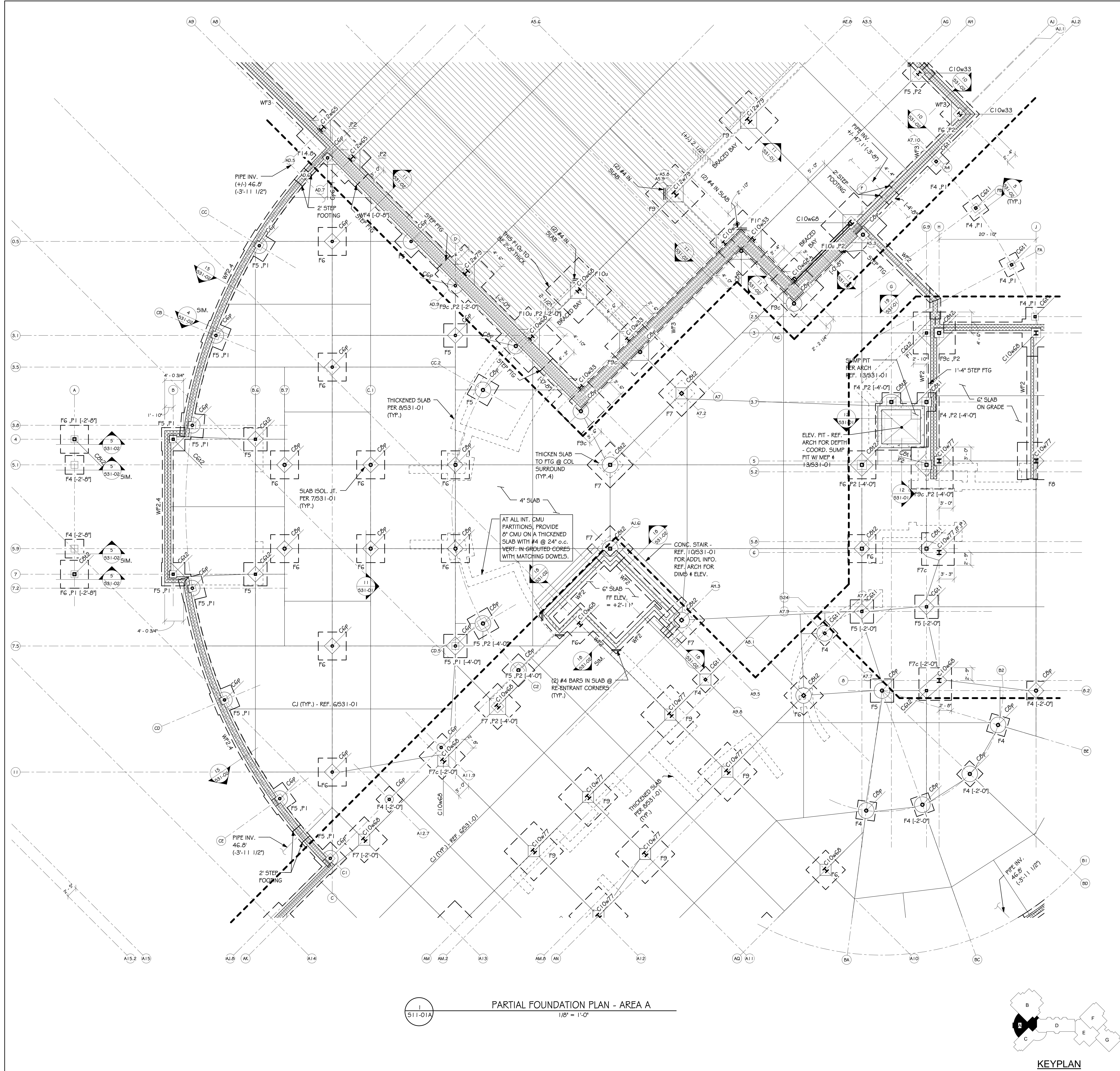
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PROJECT		
WOODBRIDGE SCHOOL DISTRICT		
WOODBRIDGE HIGH SCHOOL		
WOODBRIDGE ROAD		
DRAWING TITLE:		
OVERALL FOUNDATION PLAN		
DWN BY:	CHK BY:	PROJ. NUMBER:
AJC	CJM	D6932.00
DATE:	DRAWING NUMBER:	
07-19-12	S11-01	
SCALE:		
3/64" = 1'-0"		



PIER, COLUMN & BASE PLATE SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C6p	Pipe 6STD	12" x 12" x 3/4"	(4) 3/4" DIA
C6t1	HSS 6X6X5/16	12" x 12" x 3/4"	(4) 3/4" DIA
C6t2	HSS 6X6X1/2	12" x 12" x 3/4"	(4) 3/4" DIA
C6t3	HSS 6X6X1/4	12" x 12" x 3/4"	(4) 3/4" DIA
C8p	Pipe 8STD	14" x 14" x 1"	(4) 1" DIA
C8t1	HSS 8X8X1/4	14" x 14" x 3/4"	(4) 3/4" DIA
C8t2	HSS 8X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C8t3	HSS 8X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C8w56	W8X56	14" x 14" x 3/4"	(4) 3/4" DIA
C10t1	HSS 10X10X5/8	16" x 16" x 1"	(4) 1" DIA
C10w33	W10X33	16" x 16" x 3/4"	(4) 3/4" DIA
C10w49	W10X49	16" x 16" x 3/4"	(4) 3/4" DIA
C10w68	W10X68	18" x 18" x 1 1/2"	(4) 1" DIA
C10w77	W10X77	18" x 18" x 1 1/2"	(4) 1" DIA
C12w53	W12X53	18" x 18" x 1"	(4) 1" DIA
C12w65	W12X65	19" x 19" x 1"	(4) 1" DIA
C12w79	W12X79	19" x 19" x 1 1/4"	(4) 1" DIA
C14w176	W14X176	22" x 22" x 1 1/2"	(4) 1" DIA
P1	18" x 18"	N/A	N/A
P2	24" x 24"	N/A	N/A
P3	28" x 28"	N/A	N/A

REF. 13/531-02 FOR BASE PLATE DETAILS.
REF. 14/531-02 FOR PIER DETAILS.

FOOTING SCHEDULE			
MARK	SIZE	THICK.	REINFORCING
F3.5	3'-6" x 3'-6"	1'-0"	4 #5 E.W. BOTT.
F4	4'-0" x 4'-0"	1'-0"	4 #5 E.W. BOTT.
F4.5	4'-6" x 4'-6"	1'-0"	4 #5 E.W. BOTT.
F5	5'-0" x 5'-0"	1'-0"	7 #4 E.W. BOTT.
F6	6'-0" x 6'-0"	1'-0"	6 #5 E.W. BOTT.
F7	7'-0" x 7'-0"	1'-2"	7 #5 E.W. BOTT.
F7c	7'-0" x 7'-0"	1'-4"	7 #6 E.W. T. & B.
F8	8'-0" x 8'-0"	1'-4"	7 #6 E.W. BOTT.
F8.6	8'-0" x 6'-0"	1'-0"	#6 LONGIT. T & B #6 TRANSV. T & B
F9	9'-0" x 9'-0"	1'-6"	8 #6 E.W. BOTT.
F9c	9'-0" x 9'-0"	1'-6"	8 #6 E.W. T. & B.
F10	10'-0" x 10'-0"	2'-0"	8 #7 E.W. BOTT.
F10u	10'-0" x 10'-0"	2'-0"	9 #6 E.W. T. & B.
F14.8	14'-8" x 8'-0"	1'-4"	7 #6 LONGIT. T & B 14 #5 TRANSV. T & B
WF2	2'-0" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF2.4	2'-4" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF3	3'-0" x CONT.	1'-0"	4 #4 LONGIT #4 @ 48" TRANSV.
WF4	4'-0" x CONT.	1'-0"	5 #4 LONGIT #4 @ 48" TRANSV.

NOTE:
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF, TO BE VERIFIED
IN FIELD BY A GEOTECHNICAL ENGINEER PRIOR TO CASTING
FOOTING CONCRETE.

- FOUNDATION & FIRST FLOOR PLAN NOTES:
- FIRST FLOOR REFERENCE ELEVATION = 0'-0" (REF. SITE PLAN 50.75')
 - ELEVATIONS ARE NOTED FROM REF. EL. 0'-0" AS FOLLOWS:
(-#) INDICATES TOP OF PIER
(-#) INDICATES TOP OF FOOTING
 - FOUNDATION MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, U.N.O.:
PIERS T/PIER (-0'-0") U.N.O.
FLOOR SLAB T/SLAB (0'-0") U.N.O.
EXTERIOR FTGS T/FTG (-2'-8") U.N.O.
- STEP FTGS AS REQD TO PROVIDE MIN. 2'-8" FROM FIN. GRADE TO BOTT. OF FTG. COORD. W/ CIVIL
- STEP FOOTING @ PIPES CROSSING WALLS. SEE STEP FOOTING AT PIPE CROSSING AND PIPE CROSSING BELOW WALL FTG TYP. DETAILS. CONTR. TO COORD. W/ ALL MEP DRAWINGS.
INTERIOR FTGS T/FTG (-0'-8") U.N.O. (COLUMN & WALL FOOTINGS)
- CONTR. TO COORD. ALL INTERIOR FOOTING ELEVATIONS WITH UNDERSLAB UTILITIES. DROP FOOTING & PROVIDE A P2 PIER AS REQD.
 - FOUNDATION MEMBERS ARE DESIGNATED AS FOLLOWS:
F# # FOOTING MARK - SEE SCHEDULE
P# # PIER MARK - SEE FOUNDATION SECTIONS.
 - TYPICAL SLAB ON GRADE CONST.: 4" SLAB W/ 4" #57 STONE LAYER. REINF. W/ WWF 6x6-W2.1xW2.1 U.N.O. SEE SPECS FOR VAPOR BARRIER.
 - 6" G' SLAB ON GRADE INDICATES 6" SLAB WITH 4" #57 STONE LAYER. REINFORCE WITH WWF 6x6-W2.1xW2.1 U.N.O.
 - COORDINATE WITH ARCH., MECH., ELEC. AND PLUMB DRAWINGS FOR FLOOR SLOPES, DRAINS, OPENINGS, DEPRESSIONS, ETC. SLEEVES THRU FOUNDATION ARE SHOWN FOR INFO ONLY. INSTALL PER MEP AND SITE DRAWINGS.
 - REF. TO ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - REF. TO STRUCTURAL NOTES DRAWINGS 510-00 & 510-01.
 - REF. TO TYPICAL DETAILS ON DRAWING 531-01 & 531-02.
 - REF. ARCH. DRAWINGS AND SITE PLANS FOR ELEVATION OF BRICK SHELF. TOP OF BRICK SHELF TO BE A MIN. OF 8" BELOW FINISHED GRADE. CONTRACTOR TO COORDINATE.
 - PROVIDE THICKENED SLAB UNDER ALL CMU PARTITIONS NOT INDICATED TO BE ON A FOOTING. REF. FOUNDATION PLANS, 8/531-01 AND ARCH. DRAWINGS.
 - PROVIDE SLAB CONTROL JOINTS, CONSTRUCTION & ISOLATION JOINTS IN ALL SLABS PER 6 & 7/531-01. CONTROL JOINT LAYOUT SHOWN IS FOR CONCEPTUAL PURPOSES. REF. SPECIFICATIONS & CONCRETE NOTES FOR ADDITIONAL INFO. COORDINATE FINAL LAYOUT WITH FLOOR FINISHES WHERE REQUIRED. REF. ARCH.

- MASONRY REINFORCING NOTES:
- EXTERIOR 8" CMU: REINFORCE WITH #5 VERTICAL @ 24" o.c. IN GROUTED CORES UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - EXTERIOR 12" CMU: REINFORCE WITH #6 VERTICAL @ 24" o.c. UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - REINFORCE ALL INTERIOR 8" AND 12" CMU WITH #4 @ 48" o.c. UNLESS NOTED OTHERWISE ON PLAN. PROVIDE THICKENED SLAB UNDER INTERIOR CMU WALLS AS REQD PER STANDARD DETAILS. REF. ARCH. FOR WALL LOCATIONS.
 - REINFORCE ALL ELEVATOR SHAFTS WITH #5 @ 16" o.c. VERTICAL IN GROUTED CORES.
 - REINFORCE ALL STAIR TOWERS WITH #5 @ 16" o.c. VERTICAL IN GROUTED CORES.
 - ALL VERTICAL REINFORCING TO EXTEND FOR FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE.
 - PROVIDE DOWELS FROM FOOTINGS TO MATCH VERTICAL REINFORCING TYPICAL FOR ALL WALLS.
 - LAP SPUCE ALL VERTICAL REINFORCING IN ACCORDANCE WITH STANDARD DETAILS.
 - GROUT ALL CORES BELOW GRADE SOLID. TYPICAL FOR ALL WALLS.
 - PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" o.c. VERTICAL IN ALL CMU WALLS. AT A MINIMUM, SPACE @ 16" o.c.
 - PROVIDE REINFORCED BOND BEAMS IN CMU WALLS IN ACCORDANCE WITH THE DETAILS.
 - SEE SPECIFICATIONS AND STANDARD DETAILS FOR ADDITIONAL INFORMATION.
 - REFERENCE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS IN CMU & MASONRY VENEER.

CONSULTANTS:

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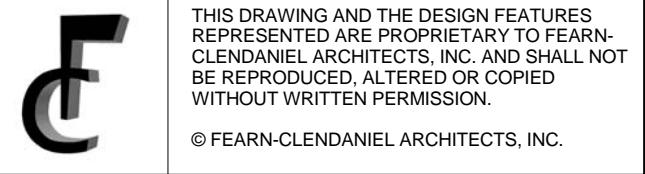
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ELECTRICAL ENGINEER



ISSUE DATES:

1	100% DD Drawings	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT
WOODBIDGE HIGH SCHOOL

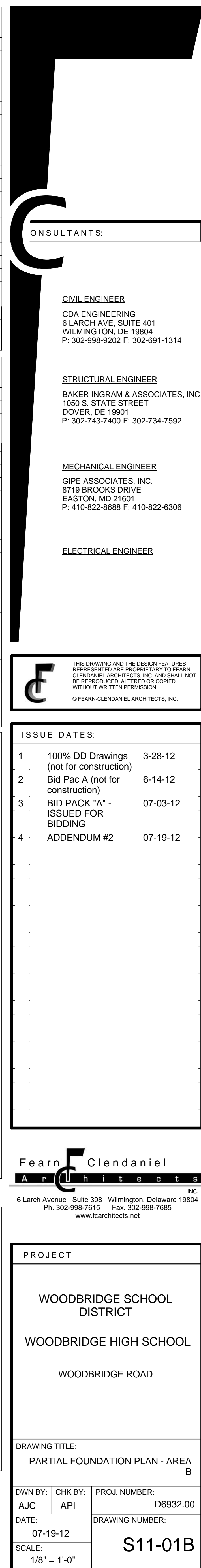
WOODBIDGE ROAD

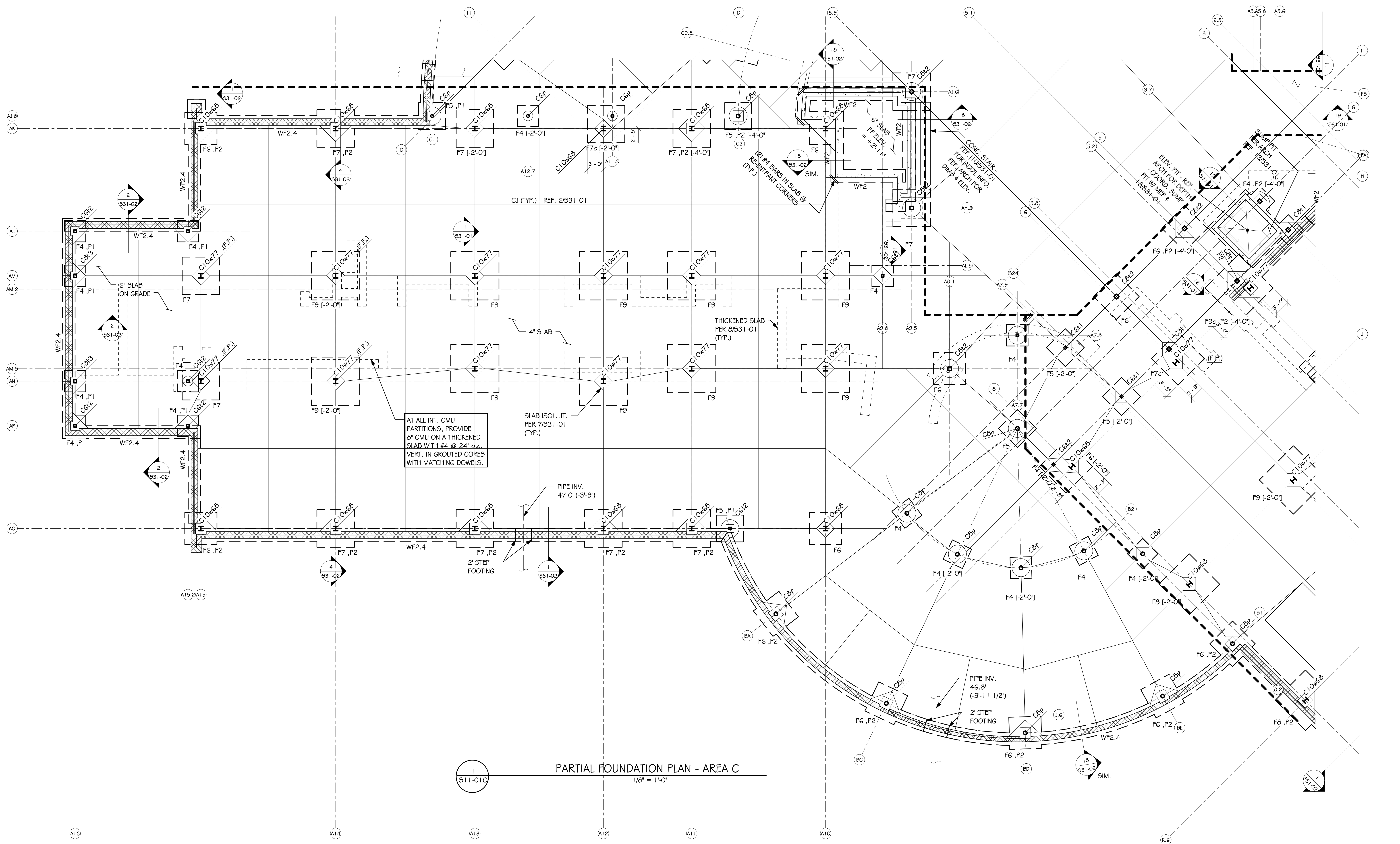
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PARTIAL FOUNDATION PLAN - AREA A

DWN BY: CHK BY: PROJ. NUMBER:
AJC JDM D6932.00

DATE: 07-19-12 DRAWING NUMBER:
SCALE: 1/8" = 1'-0" S11-01A





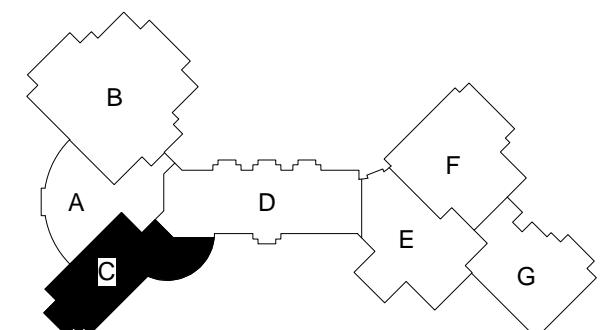
- FOUNDATION & FIRST FLOOR PLAN NOTES:**
- FIRST FLOOR REFERENCE ELEVATION = 0'-0" (REF. SITE PLAN 50.75')
 - ELEVATIONS ARE NOTED FROM REF. EL. 0'-0" AS FOLLOWS:
(-#-#) INDICATES TOP OF PIER
(-#-#) INDICATES TOP OF FOOTING
 - FOUNDATION MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, U.N.O.:
PIERS T/PIER (-0'-8") U.N.O.
FLOOR SLAB T/SLAB (0'-0") U.N.O.
EXTERIOR FTGS T/FTG (-2'-8") U.N.O.
INTERIOR FTGS T/FTG (-0'-8") U.N.O. (COLUMN & WALL FOOTINGS)
CONTR. TO COORD. ALL INTERIOR FOOTING ELEVATIONS WITH UNDERSLAB UTILITIES. DROP FOOTING & PROVIDE A P2 PIER AS REQD.
 - FOUNDATION MEMBERS ARE DESIGNATED AS FOLLOWS:
F#-# FOOTING MARK - SEE SCHEDULE
P# PIER MARK - SEE FOUNDATION SECTIONS.
 - TYPICAL SLAB ON GRADE CONST.: 4" SLAB W/ 4" #57 STONE LAYER. REINF. W/ WVF 6x6-W2, 1W2, 1 U.N.O. SEE SPECS FOR VAPOR BARRIER.
 - 6" SLAB ON GRADE INDICATES 6" SLAB WITH 4" #57 STONE LAYER. REINFORCE WITH WVF 6x6 - W2.9W2.9.
 - COORDINATE WITH ARCH., MECH., ELEC. AND PLUMB DRAWINGS FOR FLOOR SLOPES, DRAINS, OPENINGS, DEPRESSIONS, ETC. SLEEVES THRU FOUNDATION ARE SHOWN FOR INFO ONLY. INSTALL PER MEP AND SITE DRAWINGS.
 - REF. TO ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - REF. TO STRUCTURAL NOTES DRAWINGS S10-00 & S10-01.
 - REF. TO TYPICAL DETAILS ON DRAWING S31-01 & S31-02.
 - REF. ARCH. DRAWINGS AND SITE PLANS FOR ELEVATION OF BRICK SHELF. TOP OF BRICK SHELF TO BE A MIN. OF 8" BELOW FINISHED GRADE. CONTRACTOR TO COORDINATE.
 - PROVIDE THICKENED SLAB UNDER ALL CMU PARTITIONS NOT INDICATED TO BE ON A FOOTING. REF. FOUNDATION PLANS, 0531-01 AND ARCH. DRAWINGS.
 - PROVIDE SLAB CONTROL JOINTS, CONSTRUCTION & ISOLATION JOINTS IN ALL SLABS PER 6 & 7531-01. CONTROL JOINT LAYOUT SHOWN IS FOR CONCEPTUAL PURPOSES. REF. SPECIFICATIONS & CONCRETE NOTES FOR ADDITIONAL INFO. COORDINATE FINAL LAYOUT WITH FLOOR FINISHES WHERE REQUIRED. REF. ARCH.

MARK	SIZE	THICK.	REINFORCING
F3.5	3'-6" x 3'-6"	1'-0"	4 #5 E.W. BOTT.
F4	4'-0" x 4'-0"	1'-0"	4 #5 E.W. BOTT.
F4.5	4'-6" x 4'-6"	1'-0"	4 #5 E.W. BOTT.
F5	5'-0" x 5'-0"	1'-0"	7 #4 E.W. BOTT.
F6	6'-0" x 6'-0"	1'-0"	6 #5 E.W. BOTT.
F7	7'-0" x 7'-0"	1'-2"	7 #5 E.W. BOTT.
F7c	7'-0" x 7'-0"	1'-4"	7 #6 E.W. T & B
F8	8'-0" x 8'-0"	1'-4"	7 #6 E.W. BOTT.
F8.5	8'-0" x 6'-0"	1'-0"	#6 LONGIT T & B #6 TRANSV. T & B
F9	9'-0" x 9'-0"	1'-6"	8 #6 E.W. BOTT.
F9c	9'-0" x 9'-0"	1'-6"	8 #6 E.W. T & B
F10	10'-0" x 10'-0"	2'-0"	8 #7 E.W. BOTT.
F10a	10'-0" x 10'-0"	2'-0"	9 #6 E.W. T & B
F14.5	14'-8" x 8'-0"	1'-4"	7 #6 LONGIT T & B 14 #5 TRANSV. T & B
WF2	2'-0" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF2.4	2'-4" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF3	3'-0" x CONT.	1'-0"	4 #4 LONGIT #4 @ 48" TRANSV.
WF4	4'-0" x CONT.	1'-0"	5 #4 LONGIT #4 @ 48" TRANSV.

NOTE:
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF. TO BE VERIFIED IN FIELD BY A GEOTECHNICAL ENGINEER PRIOR TO CASTING FOOTING CONCRETE.

MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C6p	Pipe65TD	12" x 12" x 3/4"	(4) 3/4" DIA
C6t1	HSS6X6X5/16	12" x 12" x 3/4"	(4) 3/4" DIA
C6t2	HSS6X6X1/2	12" x 12" x 3/4"	(4) 3/4" DIA
C6t3	HSS6X6X1/4	12" x 12" x 3/4"	(4) 3/4" DIA
C6p	Pipe8XSTD	14" x 14" x 1"	(4) 1" DIA
C6t1	HSS8X8X1/4	14" x 14" x 3/4"	(4) 3/4" DIA
C6t2	HSS8X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C6t3	HSS8X8X1/4	14" x 14" x 3/4"	(4) 3/4" DIA
C6w50	W8X50	14" x 14" x 3/4"	(4) 3/4" DIA
C10e1	HSS10X10X5/8	16" x 16" x 1"	(4) 1" DIA
C10w33	W10X33	16" x 16" x 3/4"	(4) 3/4" DIA
C10w49	W10X49	16" x 16" x 3/4"	(4) 3/4" DIA
C10w65	W10X65	18" x 18" x 1 1/2"	(4) 1" DIA
C10w77	W10X77	18" x 18" x 1 1/2"	(4) 1" DIA
C12w53	W12X53	18" x 18" x 1"	(4) 1" DIA
C12w65	W12X65	19" x 19" x 1"	(4) 1" DIA
C12w79	W12X79	19" x 19" x 1 1/4"	(4) 1" DIA
C14w176	W14X176	22" x 22" x 1 1/2"	(4) 1" DIA
P1	18" x 18"	N/A	N/A
P2	24" x 24"	N/A	N/A
P3	28" x 28"	N/A	N/A

REF. 13/531-02 FOR BASE PLATE DETAILS.
REF. 14/531-02 FOR PIER DETAILS.



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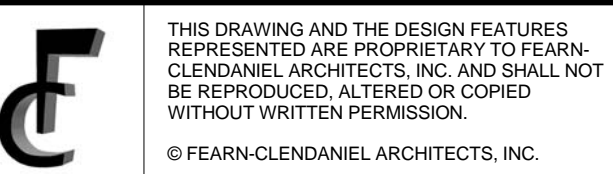
STRUCTURAL ENGINEER

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ELECTRICAL ENGINEER



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ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

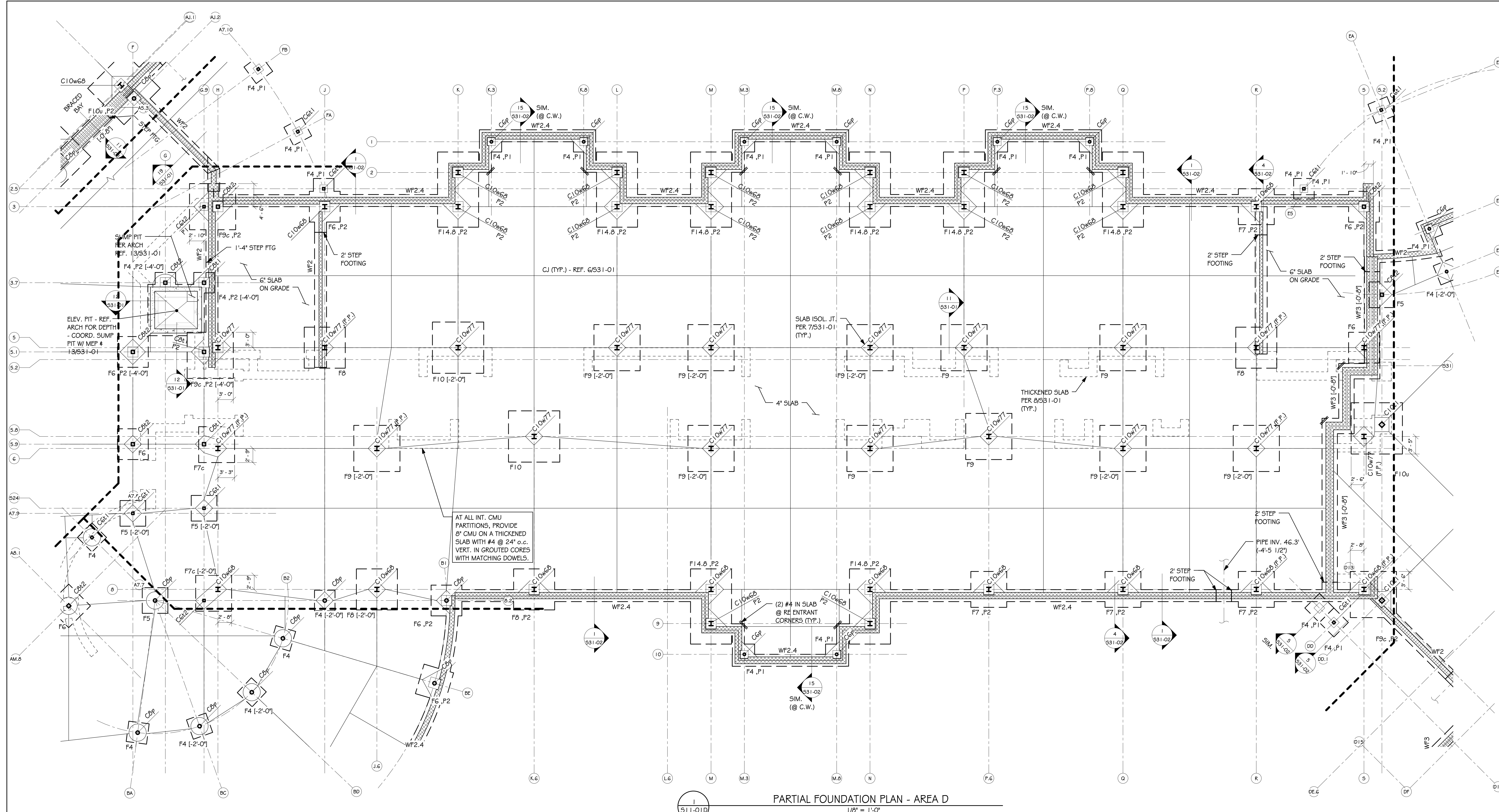
DRAWING TITLE:

PARTIAL FOUNDATION PLAN - AREA C

DWN BY: AJC CHK BY: JDM PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER: S11-01C

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



PARTIAL FOUNDATION PLAN - AREA D

1/8" = 1'-0"

- FOUNDATION & FIRST FLOOR PLAN NOTES:**
- FIRST FLOOR REFERENCE ELEVATION = 0'-0" (REF. SITE PLAN 50.75)
 - ELEVATIONS ARE NOTED FROM REF. EL. 0'-0" AS FOLLOWS:
(-#-#) INDICATES TOP OF PIER
[-#-#] INDICATES TOP OF FOOTING
 - FOUNDATION MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, U.N.O.:
PIERS T/PIER (-0'-8") U.N.O.
FLOOR SLAB T/SLAB (0'-0") U.N.O.
EXTERIOR FTGS T/FTG (2'-8") U.N.O.
- STEP FTGS AS REQ'D TO PROVIDE MIN. 2'-8" FROM FIN. GRADE TO BOT. OF FTG. COORD. W/ CIVIL.
- STEP FOOTING @ PIPES CROSSING WALLS. SEE 'STEP FOOTING AT PIPE CROSSING' AND 'PIPE CROSSING BELOW WALL FTG' TYP. DETAILS. CONTR. TO COORD. W/ ALL MEP DRAWINGS.
INTERIOR FTGS T/FTG (-0'-8") U.N.O. (COLUMN & WALL FOOTINGS)
- CONTR. TO COORD. ALL INTERIOR FOOTING ELEVATIONS WITH UNDERSLAB UTILITIES. DROP FOOTING & PROVIDE A P2 PIER AS REQ'D.
 - FOUNDATION MEMBERS ARE DESIGNATED AS FOLLOWS:
F# # FOOTING MARK - SEE SCHEDULE
P# # PIER MARK - SEE FOUNDATION SECTIONS.
 - TYPICAL SLAB ON GRADE CONST.: 4" SLAB W/ 4" #57 STONE LAYER. REINF. W/ WWF 6x6-W2.1 W/2.1 U.N.O. SEE SPECS FOR VAPOR BARRIER.
 - 6" 6" SLAB ON GRADE INDICATES 6" SLAB WITH 4" #57 STONE LAYER. REINFORCE WITH WWF 6x6 - W2.9W2.9.
 - COORDINATE WITH ARCH., MECH., ELEC. AND PLUMB DRAWINGS FOR FLOOR SLOPES, DRAINS, OPENINGS, DEPRESSIONS, ETC. SLEEVES THRU FOUNDATION ARE SHOWN FOR INFO ONLY. INSTALL PER MEP AND SITE DRAWINGS.
 - REF. TO ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - REF. TO STRUCTURAL NOTES DRAWINGS S11-00 & S11-01.
 - REF. TO TYPICAL DETAILS ON DRAWING S31-01 & S31-02.
 11. PROVIDE ARCH. DRAWINGS AND SITE PLANS FOR ELEVATION OF BRICK SHELF. TOP OF BRICK SHELF TO BE A MIN. OF 8" BELOW FINISHED GRADE. CONTRACTOR TO COORDINATE.
 12. PROVIDE THICKENED SLAB UNDER ALL CMU PARTITIONS NOT INDICATED TO BE ON A FOOTING. REF. FOUNDATION PLANS, 8/531-01 AND ARCH. DRAWINGS.
 13. PROVIDE SLAB CONTROL JOINTS, CONSTRUCTION & ISOLATION JOINTS IN ALL SLABS PER 6 & 7/531-01. CONTROL JOINT LAYOUT SHOWN IS FOR CONCEPTUAL PURPOSES. REF. SPECIFICATIONS & CONCRETE NOTES FOR ADDITIONAL INFO. COORDINATE FINAL LAYOUT WITH FLOOR FINISHES WHERE REQUIRED. REF. ARCH.

- MASONRY REINFORCING NOTES:**
- EXTERIOR 8" CMU: REINFORCE WITH #5 VERTICAL @ 24" o.c. IN GROUTED CORES UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - EXTERIOR 12" CMU: REINFORCE WITH #6 VERTICAL @ 24" o.c. UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - REINFORCE ALL INTERIOR 8" AND 12" CMU WITH #4 @ 48" o.c. UNLESS NOTED OTHERWISE ON PLAN. PROVIDE THICKENED SLAB @ ALL INTERIOR CMU WALLS AS REQ'D PER STANDARD DETAILS. REF. ARCH FOR WALL LOCATIONS.
 - REINFORCE ALL ELEVATOR SHAFTS WITH #5 @ 16" o.c. VERTICAL IN GROUTED CORES.
 - REINFORCE ALL STAIR TOWERS WITH #5 @ 16" o.c. VERTICAL IN GROUTED CORES.
 - ALL VERTICAL REINFORCING TO EXTEND FOR FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE.
 - PROVIDE DOWELS FROM FOOTINGS TO MATCH VERTICAL REINFORCING TYPICAL FOR ALL WALLS.
 - LAP SPICE ALL VERTICAL REINFORCING IN ACCORDANCE WITH STANDARD DETAILS.
 - GROUT ALL CORES BELOW GRADE SOLID. TYPICAL FOR ALL WALLS.
 - PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" o.c. VERTICAL IN ALL CMU WALLS. AT A MINIMUM, SPACE @ 16" o.c.
 11. PROVIDE REINFORCED BOND BEAMS IN CMU WALLS IN ACCORDANCE WITH THE DETAILS.
 12. SEE SPECIFICATIONS AND STANDARD DETAILS FOR ADDITIONAL INFORMATION.
 13. REFERENCE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS IN CMU & MASONRY VENEER.

FOOTING SCHEDULE			
MARK	SIZE	THICK.	REINFORCING
F3.5	3'-6" x 3'-6"	1'-0"	4 #5 E.W. BOTT.
F4	4'-0" x 4'-0"	1'-0"	4 #5 E.W. BOTT.
F4.5	4'-6" x 4'-6"	1'-0"	4 #5 E.W. BOTT.
F5	5'-0" x 5'-0"	1'-0"	7 #4 E.W. BOTT.
F6	6'-0" x 6'-0"	1'-0"	6 #5 E.W. BOTT.
F7	7'-0" x 7'-0"	1'-2"	7 #5 E.W. BOTT.
F7c	7'-0" x 7'-0"	1'-4"	7 #6 E.W. T & B
F8	8'-0" x 8'-0"	1'-4"	7 #6 E.W. BOTT.
F8.6	8'-0" x 6'-0"	1'-0"	#6 LONGIT T & B #6 TRANSV. T & B
F9	9'-0" x 9'-0"	1'-6"	8 #6 E.W. BOTT.
F9c	9'-0" x 9'-0"	1'-6"	8 #6 E.W. T & B
F10	10'-0" x 10'-0"	2'-0"	8 #7 E.W. BOTT.
F10u	10'-0" x 10'-0"	2'-0"	9 #6 E.W. T. & B.
F14.8	14'-8" x 8'-0"	1'-4"	7 #6 LONGIT T & B 14 #5 TRANSV. T & B
WF2	2'-0" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF2.4	2'-4" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF3	3'-0" x CONT.	1'-0"	4 #4 LONGIT #4 @ 48" TRANSV.
WF4	4'-0" x CONT.	1'-0"	5 #4 LONGIT #4 @ 48" TRANSV.

NOTE:
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF. TO BE VERIFIED IN FIELD BY A GEOTECHNICAL ENGINEER PRIOR TO CASTING FOOTING CONCRETE.

PIER, COLUMN & BASE PLATE SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C6p	Pipe 65TD	12" x 12" x 3/4"	(4) 3/4" DIA
C6t1	H556X6X5/16	12" x 12" x 3/4"	(4) 3/4" DIA
C6t2	H556X6X1/2	12" x 12" x 3/4"	(4) 3/4" DIA
C6t3	H556X6X1/4	12" x 12" x 3/4"	(4) 3/4" DIA
C8p	Pipe 85TD	14" x 14" x 1"	(4) 1" DIA
C8t1	H558X8X1/4	14" x 14" x 3/4"	(4) 3/4" DIA
C8t2	H558X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C8t3	H558X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C8w58	W8X58	14" x 14" x 3/4"	(4) 3/4" DIA
C10t1	H5510X10X5/8	16" x 16" x 1"	(4) 1" DIA
C10w33	W10X33	16" x 16" x 3/4"	(4) 3/4" DIA
C10w49	W10X49	16" x 16" x 3/4"	(4) 3/4" DIA
C10w68	W10X68	18" x 18" x 1 1/2"	(4) 1" DIA
C10w77	W10X77	18" x 18" x 1 1/2"	(4) 1" DIA
C12w53	W12X53	18" x 18" x 1"	(4) 1" DIA
C12w65	W12X65	19" x 19" x 1"	(4) 1" DIA
C12w79	W12X79	19" x 19" x 1 1/4"	(4) 1" DIA
C14w176	W14X176	22" x 22" x 1 1/2"	(4) 1" DIA
P1	18" x 18"	N/A	N/A
P2	24" x 24"	N/A	N/A
P3	28" x 28"	N/A	N/A

REF. 13/531-02 FOR BASE PLATE DETAILS.
REF. 14/531-02 FOR PIER DETAILS.

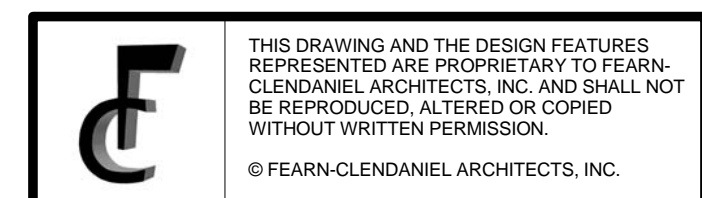
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P. 410-822-8688 F. 410-822-6306

ELECTRICAL ENGINEER



ISSUE DATES:		
1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBRIDGE SCHOOL DISTRICT

WOODBRIDGE HIGH SCHOOL

WOODBRIDGE ROAD

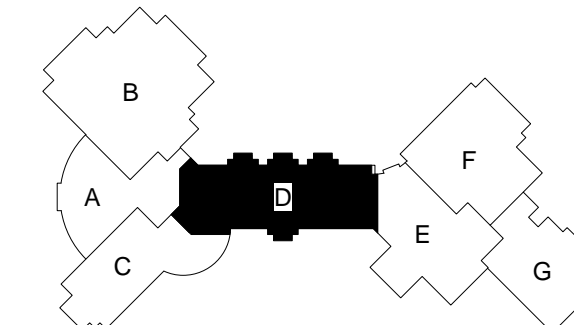
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PARTIAL FOUNDATION PLAN - AREA D

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AJC JDM D6932.00

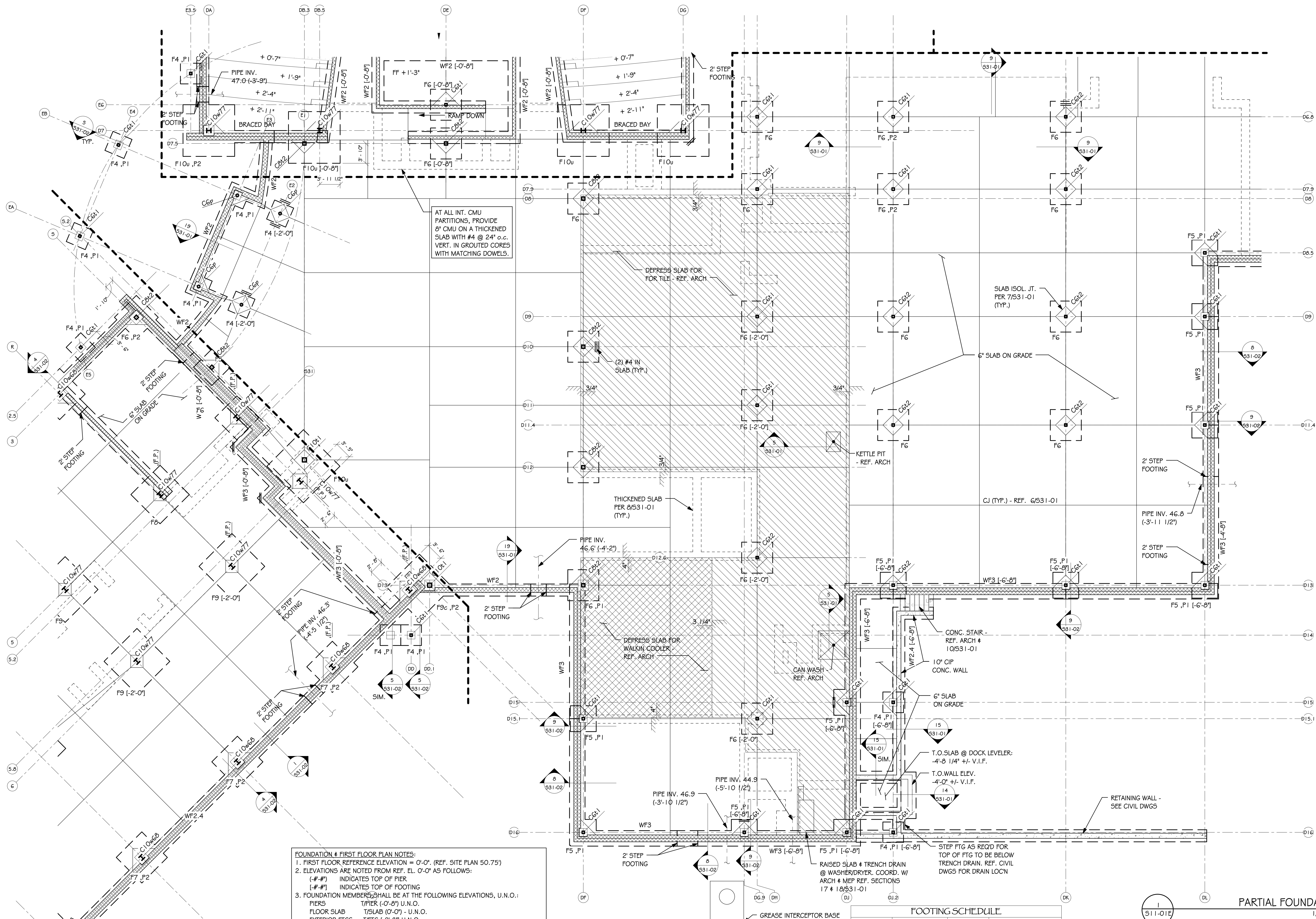
DATE:
07-19-12

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

DRAWING NUMBER:
S11-01D



KEYPLAN

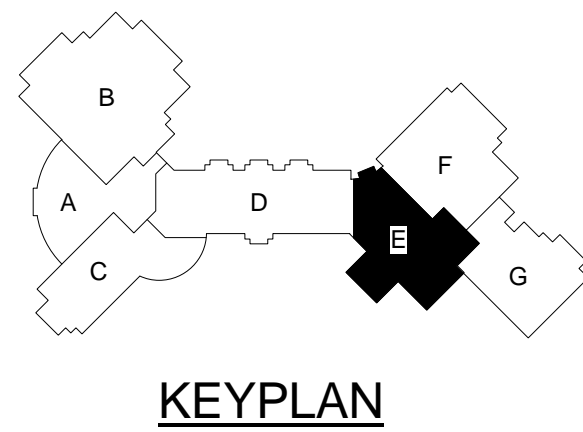


- FOUNDATION & FIRST FLOOR PLAN NOTES:**
- FIRST FLOOR REFERENCE ELEVATION = 0'-0" (REF. SITE PLAN 50.75)
 - ELEVATIONS ARE NOTED FROM REF. EL. 0'-0" AS FOLLOWS:
(-#-#) INDICATES TOP OF PIER
(-#-#) INDICATES TOP OF FOOTING
 - FOUNDATION MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, U.N.O.:
PIERS T/SLAB (0'-0") U.N.O.
FLOOR SLAB T/SLAB (0'-0") U.N.O.
EXTERIOR FTGS T/FTG [-2'-0"] U.N.O.
- STEP FTGS AS REQ'D TO PROVIDE MIN. 2'-0" FROM FIN. GRADE TO BOT. OF FTG. COORD. W/ CIVIL.
- STEP FOOTING @ PIPES CROSSING WALLS. SEE STEP FOOTING AT PIPE CROSSING AND PIPE CROSSING BELOW WALL FTG TYP. DETAILS. CONTR. TO COORD. W/ ALL MEP DRAWINGS.
INTERIOR FTGS T/FTG [-0'-0"] U.N.O. (COLUMN & WALL FOOTINGS)
- CONTR. TO COORD. ALL INTERIOR FOOTING ELEVATIONS WITH UNDERSLAB UTILITIES. DROP FOOTING & PROVIDE A P2 PIER AS REQ'D.
 - FOUNDATION MEMBERS ARE DESIGNATED AS FOLLOWS:
F# # FOOTING MARK - SEE SCHEDULE
P# # PIER MARK - SEE FOUNDATION SECTIONS.
 - TYPICAL SLAB ON GRADE CONST.: 4" SLAB W/ 4" #57 STONE LAYER. REINF. W/ WWF 6x6-W2.1xW2.1 U.N.O. SEE SPECS FOR VAPOR BARRIER.
 - 6" G' SLAB ON GRADE INDICATES 6" SLAB WITH 4" #57 STONE LAYER. REINFORCE WITH WWF 6x6-W2.9xW2.9.
 - COORDINATE WITH ARCH., MECH., ELEC. AND PLUMB DRAWINGS FOR FLOOR SLOPES, DRAINS, OPENINGS, DEPRESSIONS, ETC. SLEEVES THRU FOUNDATION ARE SHOWN FOR INFO ONLY. INSTALL PER MEP AND SITE DRAWINGS.
 - REF. TO ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - REF. TO STRUCTURAL NOTES DRAWINGS 510-00 & 510-01.
 - REF. TO TYPICAL DETAILS ON DRAWING 531-01 & 531-02.
 - REF. ARCH. DRAWINGS AND SITE PLANS FOR ELEVATION OF BRICK SHELVE. TOP OF BRICK SHELVE TO BE A MIN. OF 8" BELOW FINISHED GRADE. CONTRACTOR TO COORDINATE.
 - PROVIDE THICKENED SLAB UNDER ALL CMU PARTITIONS NOT INDICATED TO BE ON A FOOTING. REF. FOUNDATION PLANS, 6/531-01 AND ARCH. DRAWINGS.
 - PROVIDE SLAB CONTROL JOINTS. CONSTRUCTION & ISOLATION JOINTS IN ALL SLABS PER 6 & 7/531-01. CONTROL JOINT LAYOUT SHOWN IS FOR CONCEPTUAL PURPOSES. REF. SPECIFICATIONS & CONCRETE NOTES FOR ADDITIONAL INFO. COORDINATE FINAL LAYOUT WITH FLOOR FINISHES WHERE REQUIRED. REF. ARCH.

- MASONRY REINFORCING NOTES:**
- EXTERIOR 8" CMU: REINFORCE WITH #5 VERTICAL @ 24" O.C. IN GROUTED CORES UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - EXTERIOR 12" CMU: REINFORCE WITH #6 VERTICAL @ 24" O.C. UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - REINFORCE ALL INTERIOR 8" AND 12" CMU WITH #4 @ 48" O.C. UNLESS NOTED OTHERWISE ON PLAN. PROVIDE THICKENED SLAB @ ALL INTERIOR CMU WALLS AS REQ'D PER STANDARD DETAILS. REF. ARCH. FOR WALL LOCATIONS.
 - REINFORCE ALL ELEVATOR SHAFTS WITH #5 @ 16" O.C. VERTICAL IN GROUTED CORES.
 - REINFORCE ALL STAIR TOWERS WITH #5 @ 16" O.C. VERTICAL IN GROUTED CORES.
 - ALL VERTICAL REINFORCING TO EXTEND FOR FULL HEIGHT OF WALL UNLESS NOTED OTHERWISE.
 - PROVIDE DOWELS FROM FOOTINGS TO MATCH VERTICAL REINFORCING TYPICAL FOR ALL WALLS.
 - LAP SPICE ALL VERTICAL REINFORCING IN ACCORDANCE WITH STANDARD DETAILS.
 - GROUT ALL CORES BELOW GRADE SOLID. TYPICAL FOR ALL WALLS.
 - PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" O.C. VERTICAL IN ALL CMU WALLS. AT A MINIMUM, 5SPACE @ 16" O.C.
 - PROVIDE REINFORCED BOND BEAMS IN CMU WALLS IN ACCORDANCE WITH THE DETAILS.
 - SEE SPECIFICATIONS AND STANDARD DETAILS FOR ADDITIONAL INFORMATION.
 - REFERENCE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS IN CMU & MASONRY VENEER.

FOOTING SCHEDULE			
MARK	SIZE	THICK.	REINFORCING
F3.5	3'-6" x 3'-6"	1'-0"	4 #5 E.W. BOTT.
F4	4'-0" x 4'-0"	1'-0"	4 #5 E.W. BOTT.
F4.5	4'-6" x 4'-6"	1'-0"	4 #5 E.W. BOTT.
F5	5'-0" x 5'-0"	1'-0"	7 #4 E.W. BOTT.
F6	6'-0" x 6'-0"	1'-0"	6 #5 E.W. BOTT.
F7	7'-0" x 7'-0"	1'-2"	7 #5 E.W. BOTT.
F7c	7'-0" x 7'-0"	1'-4"	7 #6 E.W. T & B
F8	8'-0" x 8'-0"	1'-4"	7 #6 E.W. BOTT.
F8.6	8'-0" x 6'-0"	1'-0"	#6 LONGIT T & B #6 TRANSV. T & B
F9	9'-0" x 9'-0"	1'-6"	8 #6 E.W. BOTT.
F9c	9'-0" x 9'-0"	1'-6"	8 #6 E.W. T & B
F10	10'-0" x 10'-0"	2'-0"	8 #7 E.W. BOTT.
F10u	10'-0" x 10'-0"	2'-0"	9 #6 E.W. T. & B.
F14.6	14'-8" x 8'-0"	1'-4"	7 #6 LONGIT T & B 14 #5 TRANSV. T & B
WF2	2'-0" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF2.4	2'-4" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF3	3'-0" x CONT.	1'-0"	4 #4 LONGIT #4 @ 48" TRANSV.
WF4	4'-0" x CONT.	1'-0"	5 #4 LONGIT #4 @ 48" TRANSV.
NOTE: ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF. TO BE VERIFIED IN FIELD BY A GEOTECHNICAL ENGINEER PRIOR TO CASTING FOOTING CONCRETE.			

PIER, COLUMN & BASE PLATE SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C6p	Pipe6STD	12" x 12" x 3/4"	(4) 3/4" DIA
C6t1	H556X6X5/16	12" x 12" x 3/4"	(4) 3/4" DIA
C6t2	H556X6X1/2	12" x 12" x 3/4"	(4) 3/4" DIA
C6t3	H556X6X1/4	12" x 12" x 3/4"	(4) 3/4" DIA
C6p	Pipe6STD	14" x 14" x 1"	(4) 1" DIA
C6t1	H558X8X1/4	14" x 14" x 3/4"	(4) 3/4" DIA
C6t2	H558X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C6t3	H558X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C6w5b	W8X5b	14" x 14" x 3/4"	(4) 3/4" DIA
C10t1	H5510X10X5/8	16" x 16" x 1"	(4) 1" DIA
C10w33	W10X33	16" x 16" x 3/4"	(4) 3/4" DIA
C10w49	W10X49	16" x 16" x 3/4"	(4) 3/4" DIA
C10w68	W10X68	18" x 18" x 1 1/2"	(4) 1" DIA
C10w77	W10X77	18" x 18" x 1 1/2"	(4) 1" DIA
C12w53	W12X53	18" x 18" x 1"	(4) 1" DIA
C12w65	W12X65	19" x 19" x 1"	(4) 1" DIA
C12w79	W12X79	19" x 19" x 1 1/4"	(4) 1" DIA
C14w176	W14X176	22" x 22" x 1 1/2"	(4) 1" DIA
P1	18" x 18"	N/A	N/A
P2	24" x 24"	N/A	N/A
P3	28" x 28"	N/A	N/A
REF. 13/531-02 FOR BASE PLATE DETAILS. REF. 14/531-02 FOR PIER DETAILS.			



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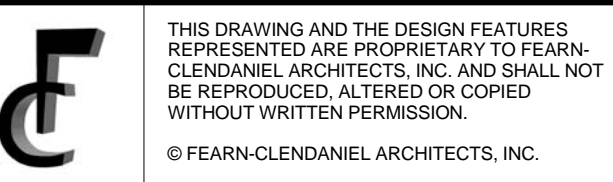
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ELECTRICAL ENGINEER



ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

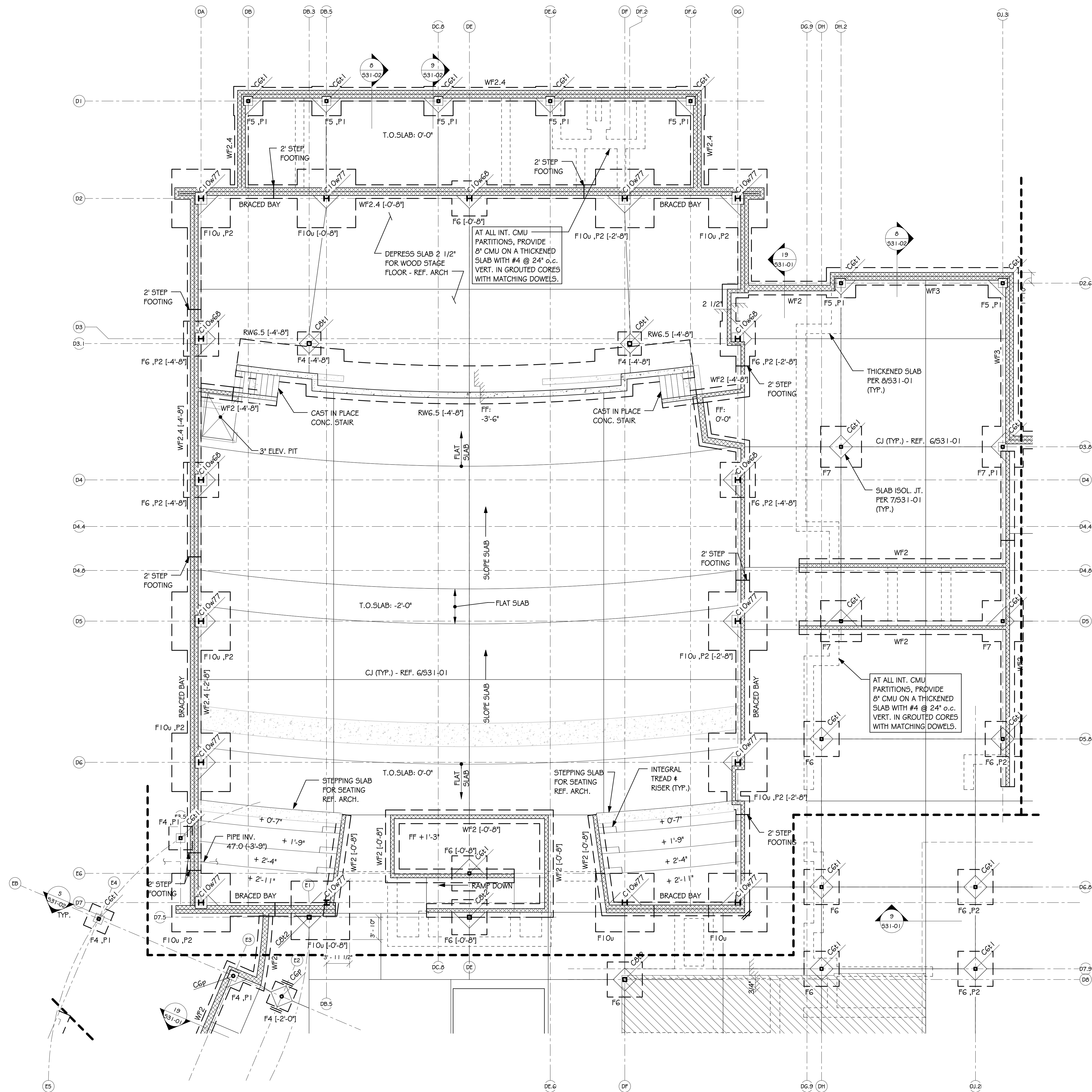
DRAWING TITLE:

PARTIAL FOUNDATION PLAN - AREA E

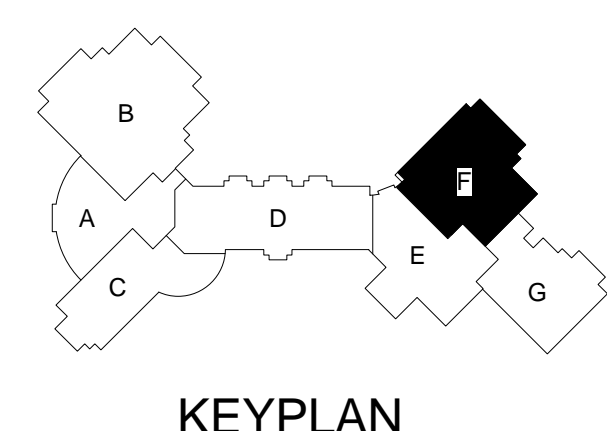
DWN BY: CHK BY: PROJ. NUMBER:
AJC CJM D6932.00

DATE: 07-19-12
SCALE: 1/8" = 1'-0"

DRAWING NUMBER:
S11-01E



PARTIAL FOUNDATION PLAN - AREA F
1/8" = 1'-0"



PIER, COLUMN & BASE PLATE SCHEDULE			
MARK	SIZE	BASE PLATE	ANCHOR BOLTS
C6p	Pipe6STD	12" x 12" x 3/4"	(4) 3/4" DIA
C6t1	HSS6X6X5/16	12" x 12" x 3/4"	(4) 3/4" DIA
C6t2	HSS6X6X1/2	12" x 12" x 3/4"	(4) 3/4" DIA
C6t3	HSS6X6X1/4	12" x 12" x 3/4"	(4) 3/4" DIA
C8p	Pipe8STD	14" x 14" x 1"	(4) 1" DIA
C8t1	HSS8X8X1/4	14" x 14" x 3/4"	(4) 3/4" DIA
C8t2	HSS8X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C8t3	HSS8X8X1/2	14" x 14" x 3/4"	(4) 3/4" DIA
C8w58	W8X58	14" x 14" x 3/4"	(4) 3/4" DIA
C10t1	HSS10X10X5/8	16" x 16" x 1"	(4) 1" DIA
C10w33	W10X33	16" x 16" x 3/4"	(4) 3/4" DIA
C10w49	W10X49	16" x 16" x 3/4"	(4) 3/4" DIA
C10w68	W10X68	18" x 18" x 1 1/2"	(4) 1" DIA
C10w77	W10X77	18" x 18" x 1 1/2"	(4) 1" DIA
C12w53	W12X53	18" x 18" x 1"	(4) 1" DIA
C12w65	W12X65	19" x 19" x 1"	(4) 1" DIA
C12w79	W12X79	19" x 19" x 1 1/4"	(4) 1" DIA
C14w176	W14X176	22" x 22" x 1 1/2"	(4) 1" DIA
P1	18" x 18"	N/A	N/A
P2	24" x 24"	N/A	N/A
P3	28" x 28"	N/A	N/A

REF. 13/531-02 FOR BASE PLATE DETAILS.
REF. 14/531-02 FOR PIER DETAILS.

FOOTING SCHEDULE			
MARK	SIZE	THICK	REINFORCING
F3.5	3'-6" x 3'-6"	1'-0"	4 #5 E.W. BOTT.
F4	4'-0" x 4'-0"	1'-0"	4 #5 E.W. BOTT.
F4.5	4'-6" x 4'-6"	1'-0"	4 #5 E.W. BOTT.
F5	5'-0" x 5'-0"	1'-0"	7 #4 E.W. BOTT.
F6	6'-0" x 6'-0"	1'-0"	6 #5 E.W. BOTT.
F7	7'-0" x 7'-0"	1'-2"	7 #5 E.W. BOTT.
F7c	7'-0" x 7'-0"	1'-4"	7 #6 E.W. T & B
F8	8'-0" x 8'-0"	1'-4"	7 #6 E.W. BOTT.
F8.6	8'-0" x 6'-0"	1'-0"	#6 LONGIT. T & B #6 TRANSV. T & B
F9	9'-0" x 9'-0"	1'-6"	8 #6 E.W. BOTT.
F9c	9'-0" x 9'-0"	1'-6"	8 #6 E.W. T & B
F10	10'-0" x 10'-0"	2'-0"	8 #7 E.W. BOTT.
F10u	10'-0" x 10'-0"	2'-0"	9 #6 E.W. T. & B.
F14.8	14'-8" x 8'-0"	1'-4"	7 #6 LONGIT. T & B 14 #5 TRANSV. T & B
WF2	2'-0" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF2.4	2'-4" x CONT.	1'-0"	3 #5 LONGIT #4 @ 48" TRANSV.
WF3	3'-0" x CONT.	1'-0"	4 #4 LONGIT #4 @ 48" TRANSV.
WF4	4'-0" x CONT.	1'-0"	5 #4 LONGIT #4 @ 48" TRANSV.

NOTE:
ALLOWABLE SOIL BEARING PRESSURE = 3000 PSF, TO BE VERIFIED
IN FIELD BY A GEOTECHNICAL ENGINEER PRIOR TO CASTING
FOOTING CONCRETE.

- FOUNDATION & FIRST FLOOR PLAN NOTES:
- FIRST FLOOR REFERENCE ELEVATION = 0'-0" (REF. SITE PLAN 50.75)
 - ELEVATIONS ARE NOTED FROM REF. EL. 0'-0" AS FOLLOWS:
(#) INDICATES TOP OF PIER
(#) INDICATES TOP OF FOOTING
 - FOUNDATION MEMBERS SHALL BE AT THE FOLLOWING ELEVATIONS, U.N.O.:
PIERS T/PIER (-0'-8") U.N.O.
FLOOR SLAB T/SLAB (0'-0") U.N.O.
EXTERIOR FTGS T/FTG (-2'-8") U.N.O.
- STEP FTGS AS REQD TO PROVIDE MIN. 2'-8" FROM FIN.
GRADE TO BOTT. OF FTG. COORD. W/ CIVIL
- STEP FOOTING @ PIPES CROSSING WALLS. SEE 'STEP
FOOTING AT PIPE CROSSING AND PIPE CROSSING
BELOW WALL FTG' TYP. DETAILS. CONTR. TO COORD.
W/ ALL M/E/P DRAWINGS.
INTERIOR FTGS T/FTG (-0'-8") U.N.O. (COLUMN & WALL FOOTINGS)
- CONTR. TO COORD. ALL INTERIOR FOOTING ELEVATIONS
WITH UNDERSLAB UTILITIES. DROP FOOTING & PROVIDE
A P2 PIER AS REQD.
 - FOUNDATION MEMBERS ARE DESIGNATED AS FOLLOWS:
F#/# FOOTING MARK - SEE SCHEDULE
P# PIER MARK - SEE FOUNDATION SECTIONS.
 - TYPICAL SLAB ON GRADE CONST.: 4" SLAB W/ 4" #57 STONE LAYER. REINF. W/ WWF
6x6-W2.1 W/ W2.1 U.N.O. SEE SPECS FOR VAPOR BARRIER.
 - 6" SLAB ON GRADE INDICATES 6" SLAB WITH 4" #57 STONE LAYER. REINFORCE
WITH WWF 6x6 - W2.2 W/ W2.2.
 - COORDINATE WITH ARCH., MECH., ELEC. AND PLUMB DRAWINGS FOR FLOOR
SLOPES, DRAINS, OPENINGS, DEPRESSIONS, ETC. SLEEVES THRU FOUNDATION
ARE SHOWN FOR INFO ONLY. INSTALL PER MEP AND SITE DRAWINGS.
 - REF. TO ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - REF. TO STRUCTURAL NOTES DRAWINGS 510-00 & 510-01.
 - REF. TO TYPICAL DETAILS ON DRAWING 531-01 & 531-02.
 - REF. ARCH. DRAWINGS AND SITE PLANS FOR ELEVATION OF BRICK SHELF.
TOP OF BRICK SHELF TO BE A MIN. OF 8" BELOW FINISHED GRADE.
CONTRACTOR TO COORDINATE.
 - PROVIDE THICKENED SLAB UNDER ALL CMU PARTITIONS NOT INDICATED TO BE
ON A FOOTING. REF. FOUNDATION PLANS, 8/531-01 AND ARCH. DRAWINGS.
 - PROVIDE SLAB CONTROL JOINTS, CONSTRUCTION & ISOLATION JOINTS IN ALL
SLABS PER 6 & 7/531-01. CONTROL JOINT LAYOUT SHOWN IS FOR CONCEPTUAL
PURPOSES. REF. SPECIFICATIONS & CONCRETE NOTES FOR ADDITIONAL INFO.
COORDINATE FINAL LAYOUT WITH FLOOR FINISHES WHERE REQUIRED. REF. ARCH.

- MASONRY REINFORCING NOTES:
- EXTERIOR 8" CMU: REINFORCE WITH #5 VERTICAL @ 24" o.c. IN GROUTED CORES
UNLESS NOTED OTHERWISE ON FOUNDATION PLAN.
 - EXTERIOR 12" CMU: REINFORCE WITH #6 VERTICAL @ 24" o.c. UNLESS NOTED
OTHERWISE ON FOUNDATION PLAN.
 - REINFORCE ALL INTERIOR 8" AND 12" CMU WITH #4 @ 48" o.c. UNLESS NOTED
OTHERWISE ON PLAN. PROVIDE THICKENED SLAB @ ALL INTERIOR CMU WALLS
AS REQD PER STANDARD DETAILS. REF. ARCH. FOR WALL LOCATIONS.
 - REINFORCE ALL ELEVATOR SHAFTS WITH #5 @ 16" o.c. VERTICAL IN GROUTED
CORES.
 - REINFORCE ALL STAIR TOWERS WITH #5 @ 16" o.c. VERTICAL IN GROUTED CORES.
 - ALL VERTICAL REINFORCING TO EXTEND FOR FULL HEIGHT OF WALL UNLESS NOTED
OTHERWISE.
 - PROVIDE DOWELS FROM FOOTINGS TO MATCH VERTICAL REINFORCING TYPICAL
FOR ALL WALLS.
 - LAP SPICE ALL VERTICAL REINFORCING IN ACCORDANCE WITH STANDARD DETAILS.
 - GROUT ALL CORES BELOW GRADE SOLID. TYPICAL FOR ALL WALLS.
 - PROVIDE HORIZONTAL JOINT REINFORCEMENT @ 16" o.c. VERTICAL IN ALL CMU
WALLS. AT A MINIMUM, SPACE @ 16" o.c.
 - PROVIDE REINFORCED BOND BEAMS IN CMU WALLS IN ACCORDANCE WITH THE
DETAILS.
 - SEE SPECIFICATIONS AND STANDARD DETAILS FOR ADDITIONAL INFORMATION.
 - REFERENCE ARCHITECTURAL DRAWINGS FOR CONTROL JOINTS IN CMU & MASONRY
VENEER.

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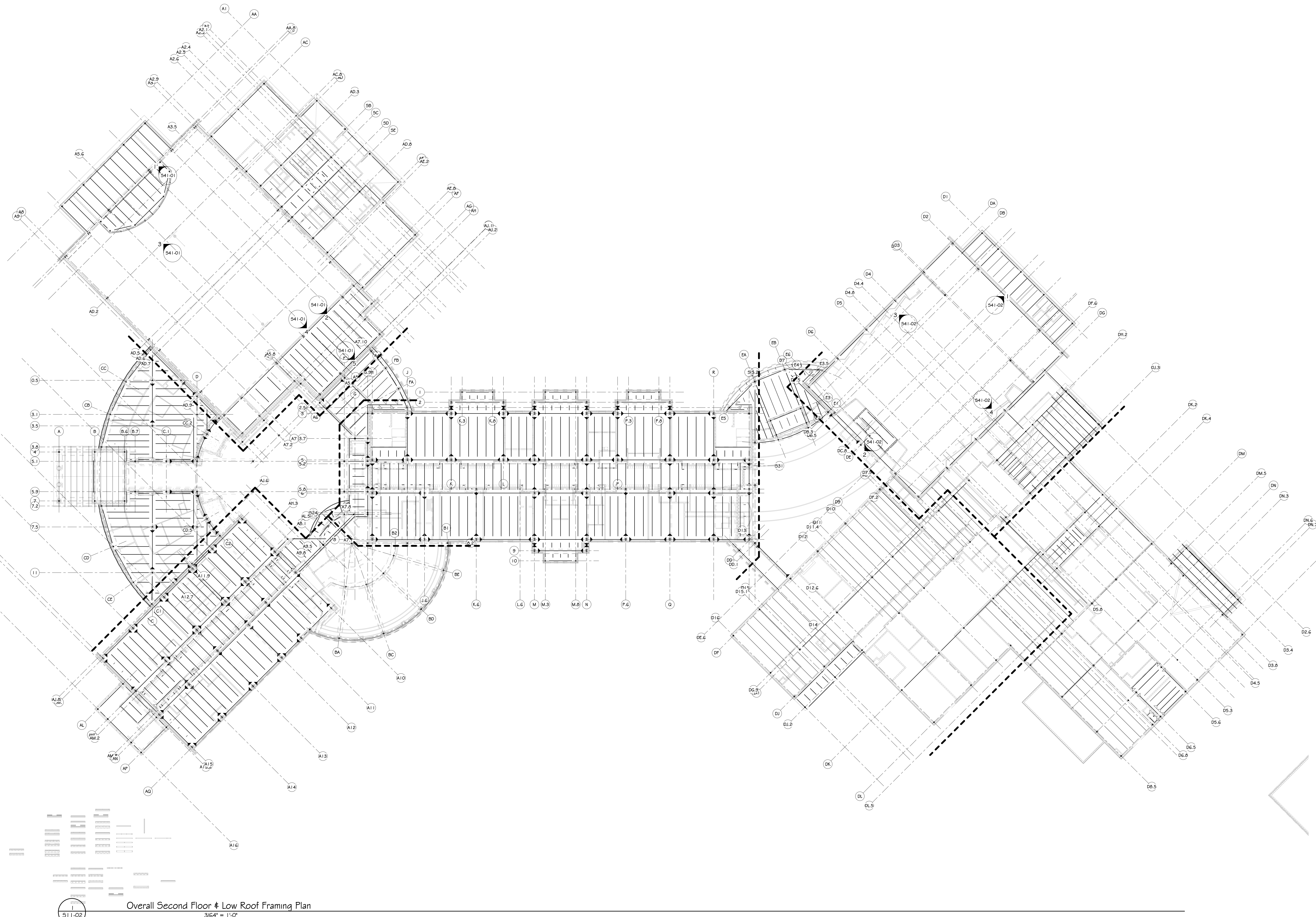
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ISSUE DATES:		
1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT	
WOODBRIDGE SCHOOL DISTRICT	
WOODBRIDGE HIGH SCHOOL	
WOODBRIDGE ROAD	
DRAWING TITLE: PARTIAL FOUNDATION PLAN - AREA F	
DWN BY: CHK BY: PROJ. NUMBER: AJC CJM D6932.00	
DATE: 07-19-12	DRAWING NUMBER: S11-01F
SCALE: 1/8" = 1'-0"	



Overall Second Floor & Low Roof Framing Plan

3/64" = 1'-0"

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2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

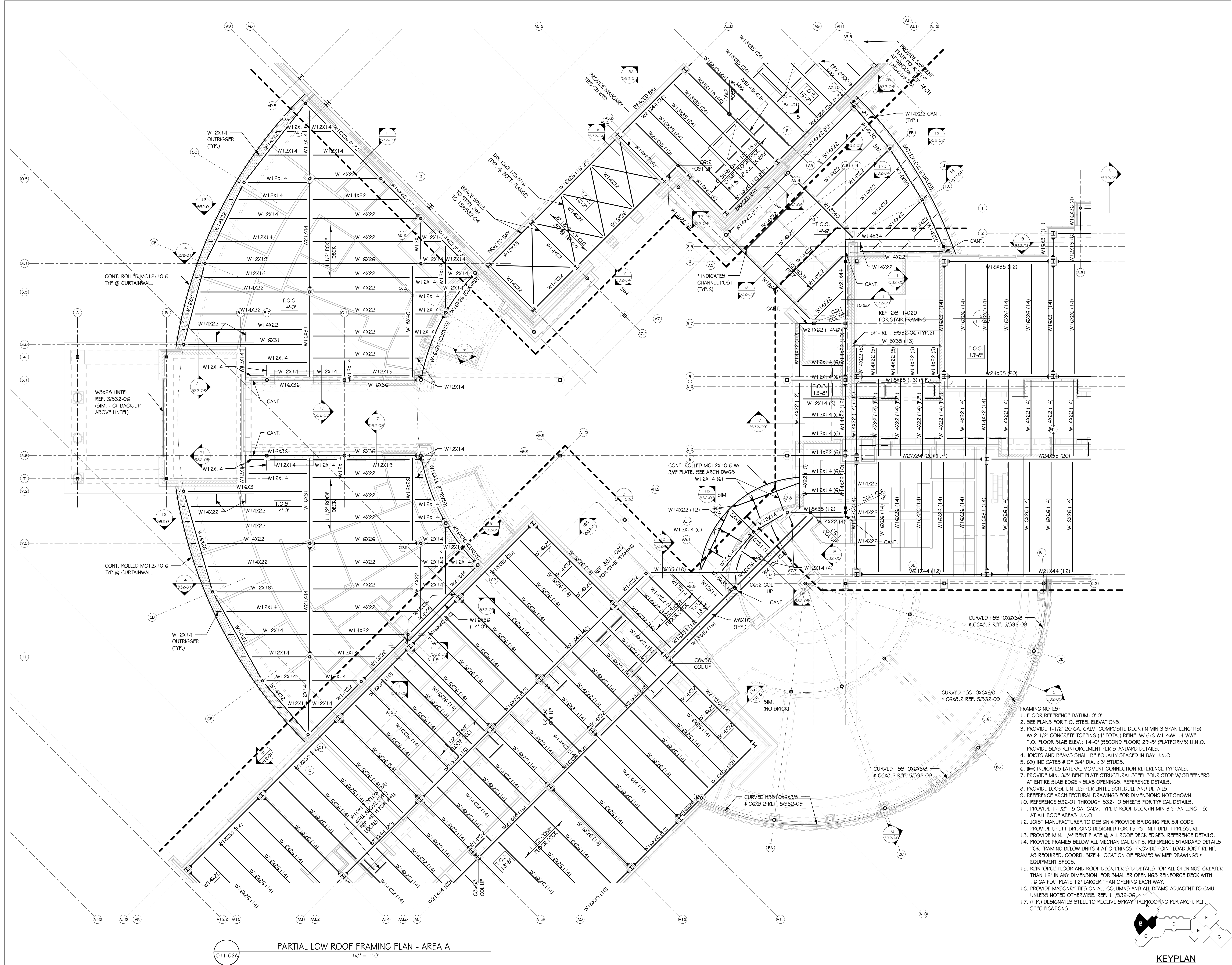
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OVERALL SECOND FLOOR & LOW ROOF FRAMING PLAN

DWN BY: AJC CHK BY: CJM PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER: S11-02

SCALE: 3/64" = 1'-0"



CONSULTANTS:

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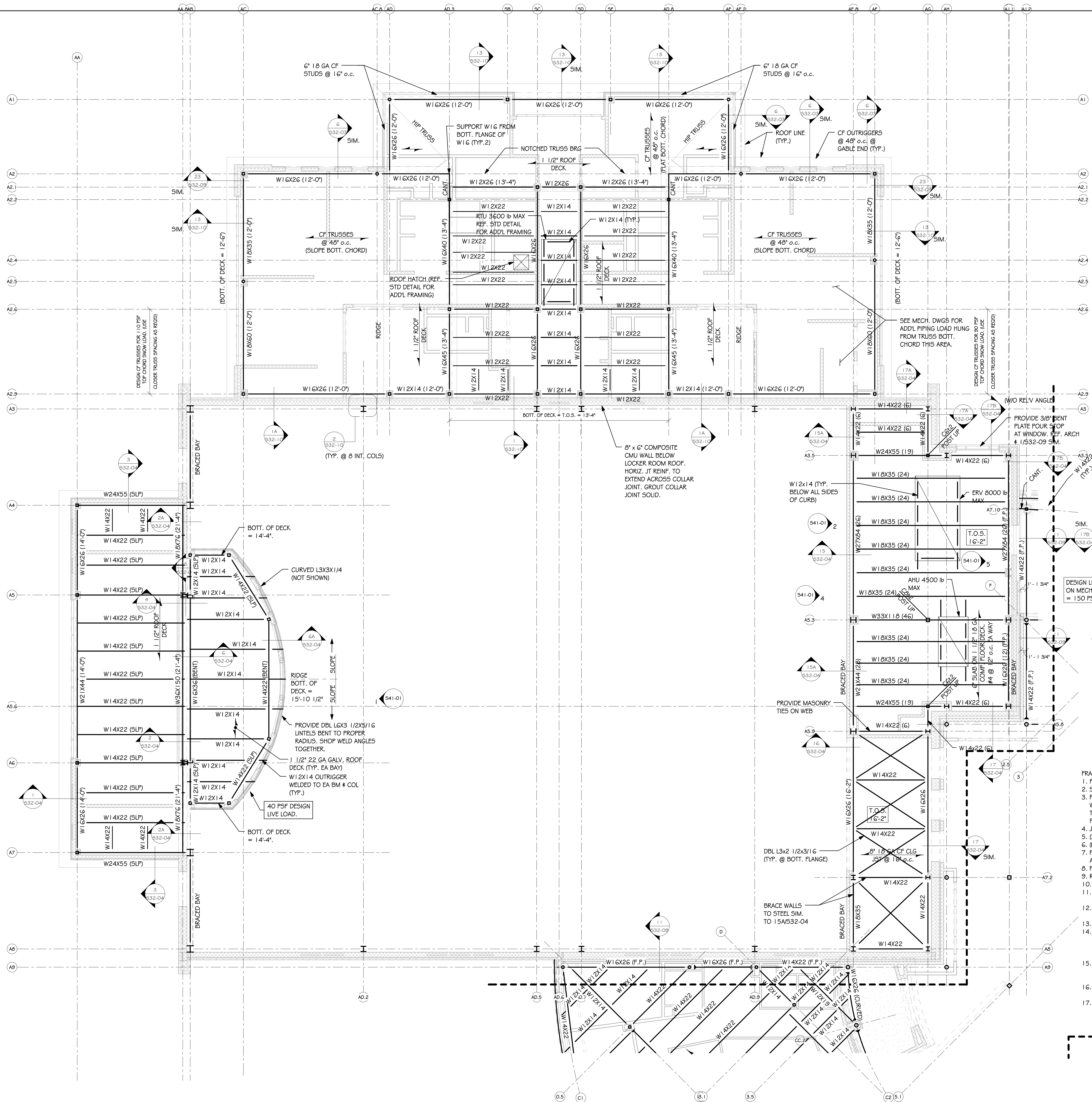
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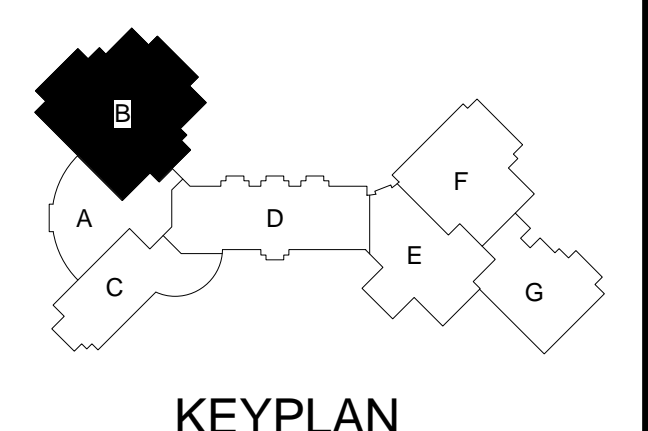
ISSUE DATES:		
1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pack A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT		
WOODBRIDGE SCHOOL DISTRICT		
WOODBRIDGE HIGH SCHOOL		
WOODBRIDGE ROAD		
DRAWING TITLE:		
PARTIAL LOW ROOF FRAMING PLAN - AREA A		
DWN BY: AJC	CHK BY: JDM	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER: S11-02A	
SCALE: 1/8" = 1'-0"		

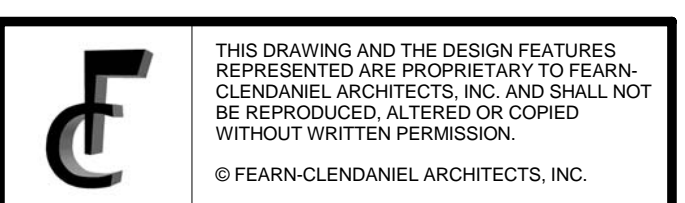


511-02B PARTIAL LOW ROOF & PLATFORM FRAMING PLAN - AREA B
1/8" = 1'-0"



CONSULTANTS:

- CIVIL ENGINEER**
CDA ENGINEERING
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P. 302-998-9202 F. 302-691-1314
- STRUCTURAL ENGINEER**
BAKER INGRAM & ASSOCIATES, INC.
1050 S. STATE STREET
DOVER, DE 19901
P. 302-743-7400 F. 302-734-7592
- MECHANICAL ENGINEER**
GPE ASSOCIATES, INC.
8719 BROOKS DRIVE
EASTON, MD 21601
P. 410-822-8688 F. 410-822-6306
- ELECTRICAL ENGINEER**

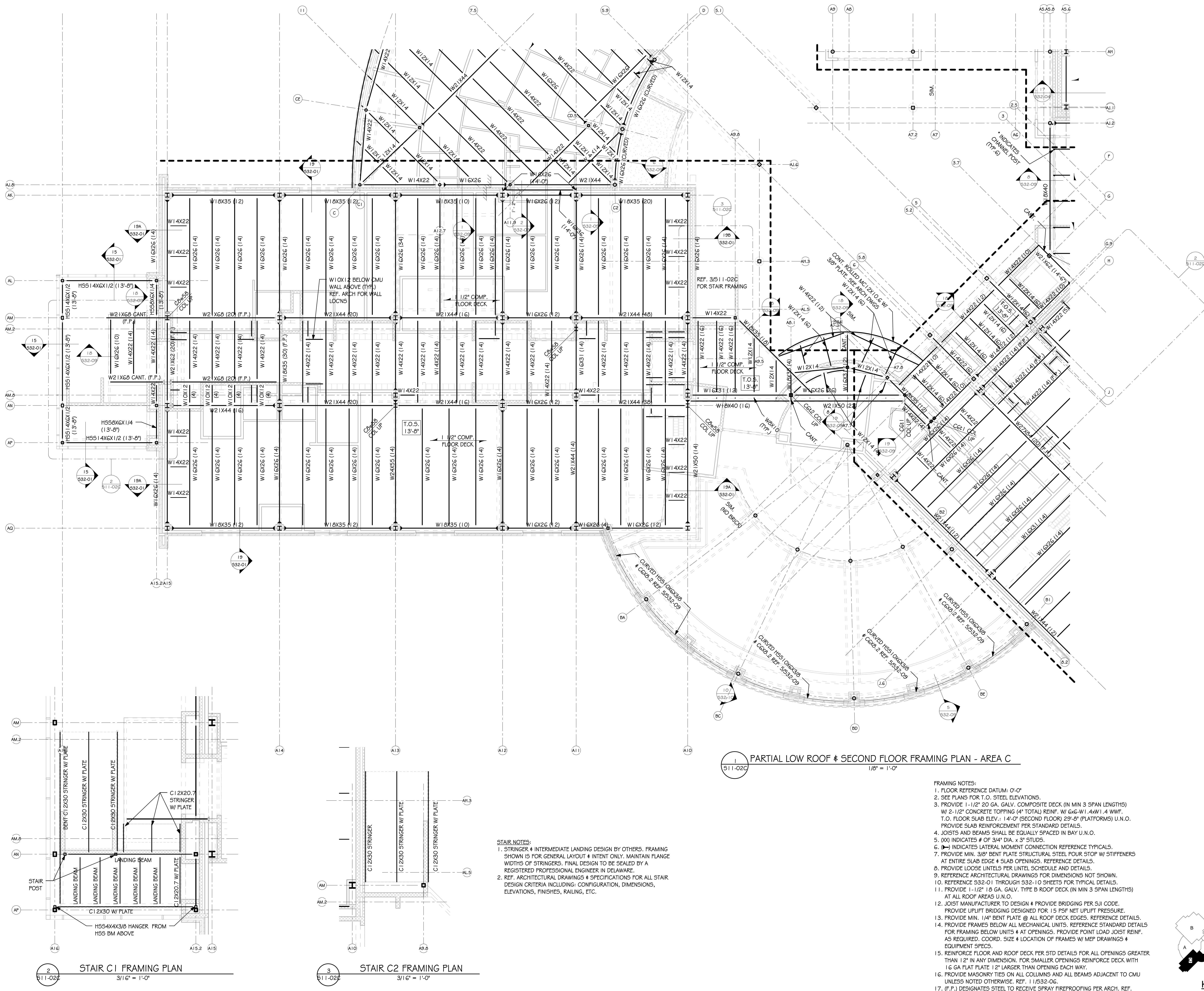


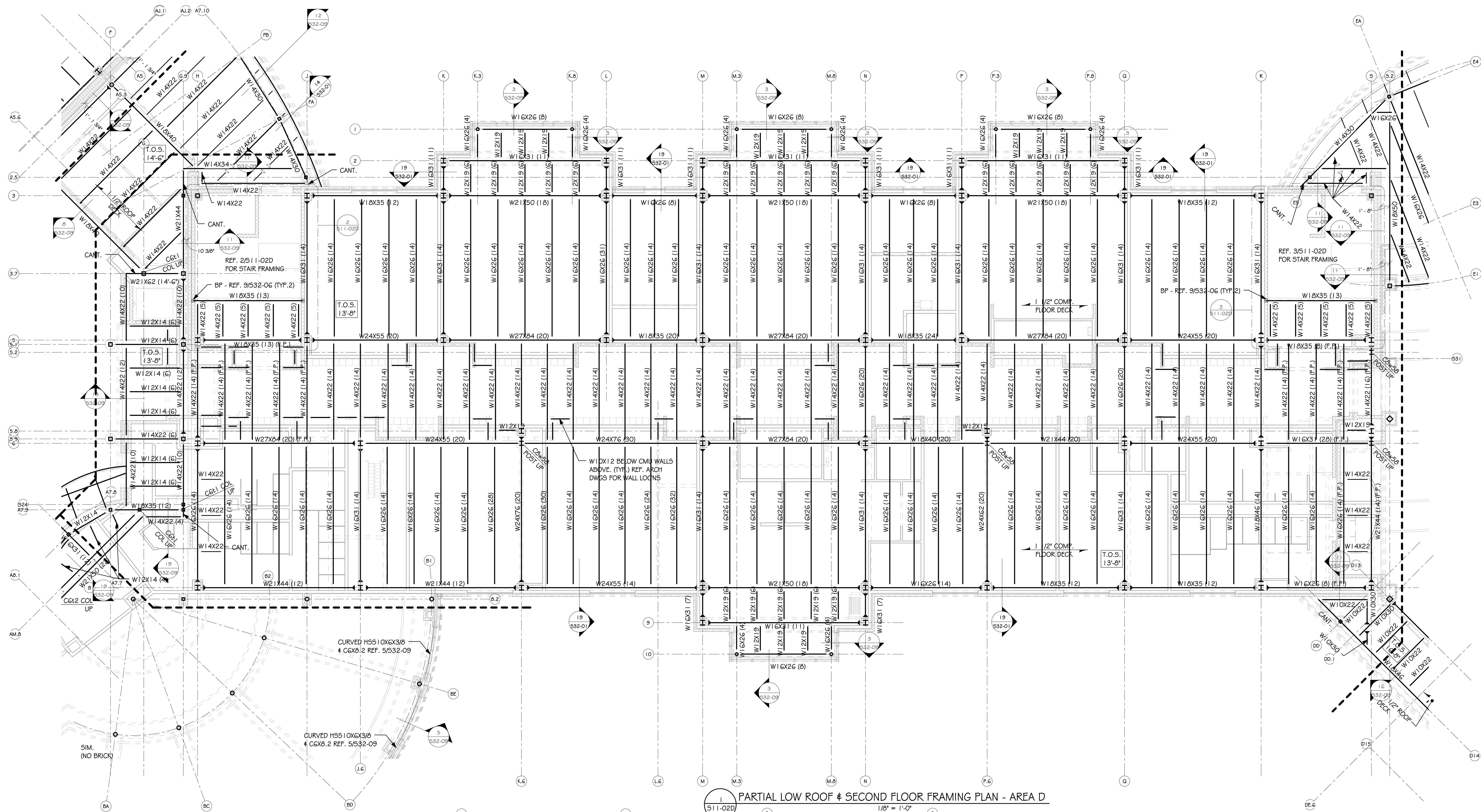
ISSUE DATES:		
1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

- FRAMING NOTES:
1. FLOOR REFERENCE DATUM: 0'-0"
 2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
 3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS) W/ 2-1/2" CONCRETE TOPPING (4" TOTAL) REINF. W/ 6#6-W1.4W1.4 WNF. T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
 4. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
 5. (XX) INDICATES # OF 3/4" DIA. x 3" STUDS.
 6. (M) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
 7. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL POUR STOP W/ STIFFENERS AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
 8. PROVIDE LOOSE LINTELS PER Lintel SCHEDULE AND DETAILS.
 9. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 10. REFERENCE 532-01 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
 11. PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS) AT ALL ROOF AREAS U.N.O.
 12. JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE. PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
 13. PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
 14. PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF. AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS & EQUIPMENT SPECS.
 15. REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH 16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
 16. PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU UNLESS NOTED OTHERWISE. REF. 11/532-06.
 17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF. SPECIFICATIONS.

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INC.
6 Larch Avenue Suite 398 Wilmington, Delaware 19804
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www.fearnclendaniel.net

PROJECT	
WOODBRIDGE SCHOOL DISTRICT	
WOODBRIDGE HIGH SCHOOL	
WOODBRIDGE ROAD	
DRAWING TITLE:	
PARTIAL LOW ROOF & PLATFORM FRAMING PLAN - AREA B	
DWN BY: AJC	CHK BY: CJM
DATE: 07-19-12	PROJ. NUMBER: D6932.00
SCALE: 1/8" = 1'-0"	DRAWING NUMBER: S11-02B





PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA D

STAIR NOTES:

1. STRINGER & INTERMEDIATE LANDING DESIGN BY OTHERS. FRAMING SHOWN IS FOR GENERAL LAYOUT & INTENT ONLY. MAINTAIN FLANGE WIDTHS OF STRINGERS. FINAL DESIGN TO BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN DELAWARE.
2. REF. ARCHITECTURAL DRAWINGS & SPECIFICATIONS FOR ALL STAIR DESIGN CRITERIA INCLUDING: CONFIGURATION, DIMENSIONS, ELEVATIONS, FINISHES, RAILING, ETC.

STAIR D1 FRAMING PLAN

3/16" = 1'-0"

STAIR D2 FRAMING PLAN

3/16" = 1'-0"

FRAMING NOTES:

1. FLOOR REFERENCE DATUM: 0'-0"
2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS) W/ 2-1/2" CONCRETE TOPPING (4" TOTAL) REINF. W/ 6x6-W1-4W1-4 WWP. T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-0" (PLATFORMS) U.N.O. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
4. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
5. (XX) INDICATES # OF 3/4" DIA. x 3" STUDS.
6. (M) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
7. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL FOUR STOP W/ STIFFENERS AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
8. PROVIDE LOOSE UNTELS PER UNTEL SCHEDULE AND DETAILS.
9. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
10. REFERENCE S32-01 THROUGH S32-10 SHEETS FOR TYPICAL DETAILS.
11. PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS) AT ALL ROOF AREAS U.N.O.
12. JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE. PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
13. PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
14. PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF. AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS & EQUIPMENT SPECS.
15. REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH 16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
16. PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU UNLESS NOTED OTHERWISE. REF. 11/532-06.
17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF. SPECIFICATIONS.

KEYPLAN

CONSULTANTS:

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CDA ENGINEERING
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WILMINGTON, DE 19804
P. 302-998-9202 F. 302-691-1314

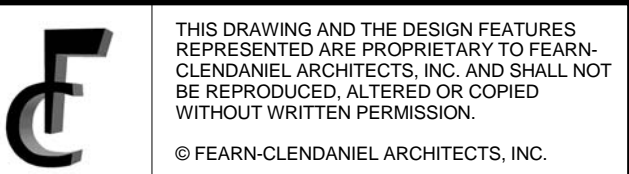
STRUCTURAL ENGINEER

BAKER INGRAM & ASSOCIATES, INC.
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MECHANICAL ENGINEER

GPE ASSOCIATES, INC.
8719 BROOKS DRIVE
EASTON, MD 21601
P. 410-822-8688 F. 410-822-6306

ELECTRICAL ENGINEER



ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

PARTIAL LOW ROOF & SECOND FLOOR FRAMING PLAN - AREA D

DWN BY: CHK BY: PROJ. NUMBER:

AJC JDM D6932.00

DATE: 07-19-12 DRAWING NUMBER:

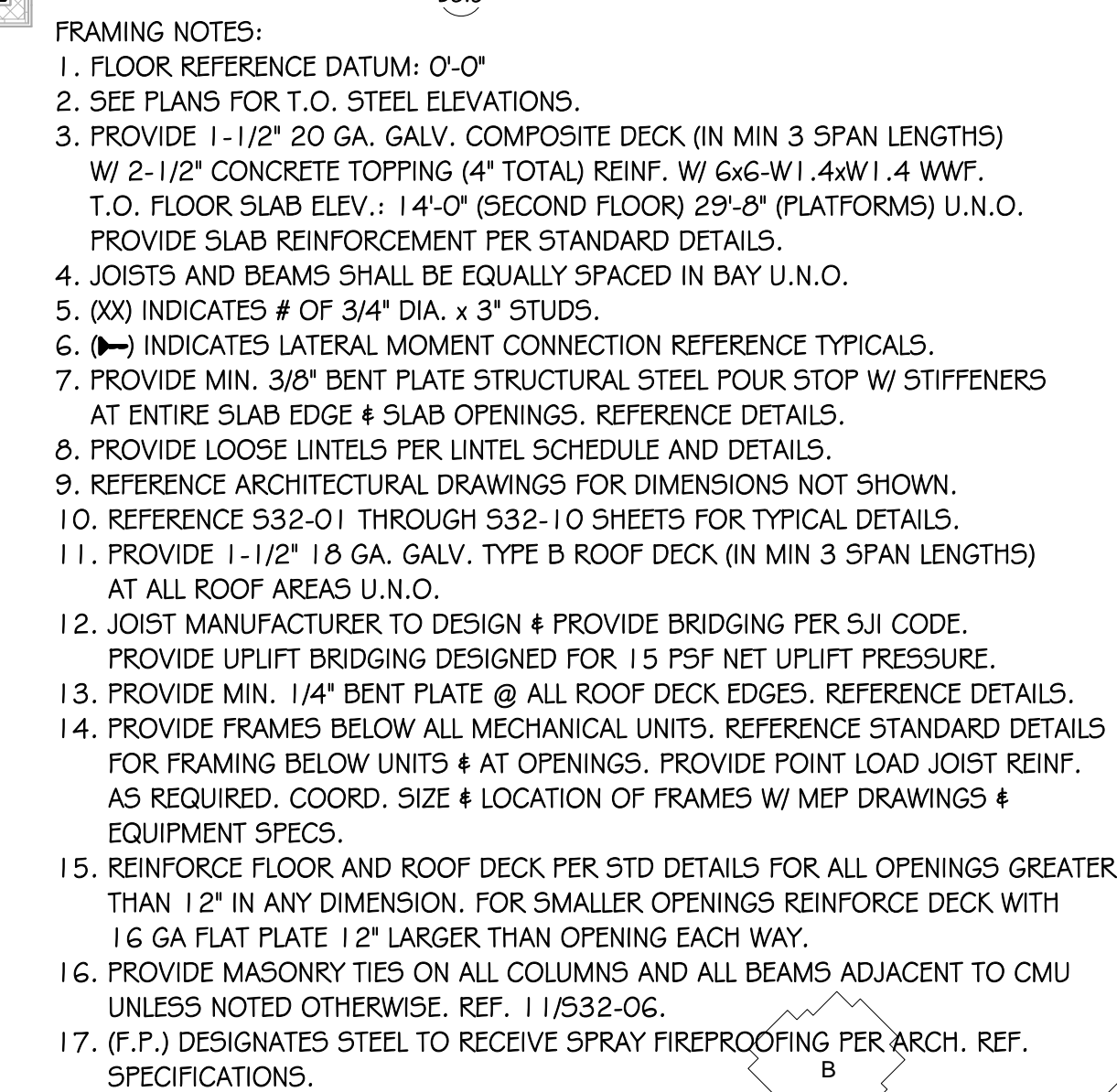

SCALE: As indicated S11-02D



07-19-12
SCALE:
1/8" = 1'-0"

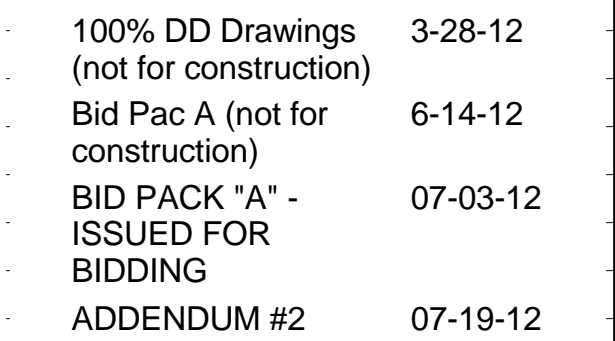
FRAMING NOTES:

1. FLOOR REFERENCE DATUM: 0'-0"
2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
3. PROVIDE 1'-1/2" T.O. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS)
W/ 2'-1/2" CONCRETE TOPPING @ 1" OPTIMAL REINF. W/ 6#6-W/1.4W1. 4 WFT.
T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORM) U.N.O.
4. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
5. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
6. (X) INDICATES # OF 3/4" DIA. x 3" STUDS.
7. (W) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
8. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL FOUR ST/ STIFFENERS
AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
9. PROVIDE LOOSE UNTELS PER UNTEL SCHEDULE AND DETAILS.
9. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
10. REFERENCE 532-01 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
11. PROVIDE 1'-1/2" 1/8" GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS)
AT ALL ROOF AREAS U.N.O.
12. PROVIDE MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE.
PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
13. PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
14. PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS
FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF.
AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS &
EQUIPMENT SPECS.
15. REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER
THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH
16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
PROVIDE ANCHOR BOLTS ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU
UNLESS NOTED OTHERWISE. REF. I 1532-06.
17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF.
SPECIFICATIONS.


$$1/8'' = 1'-0''$$


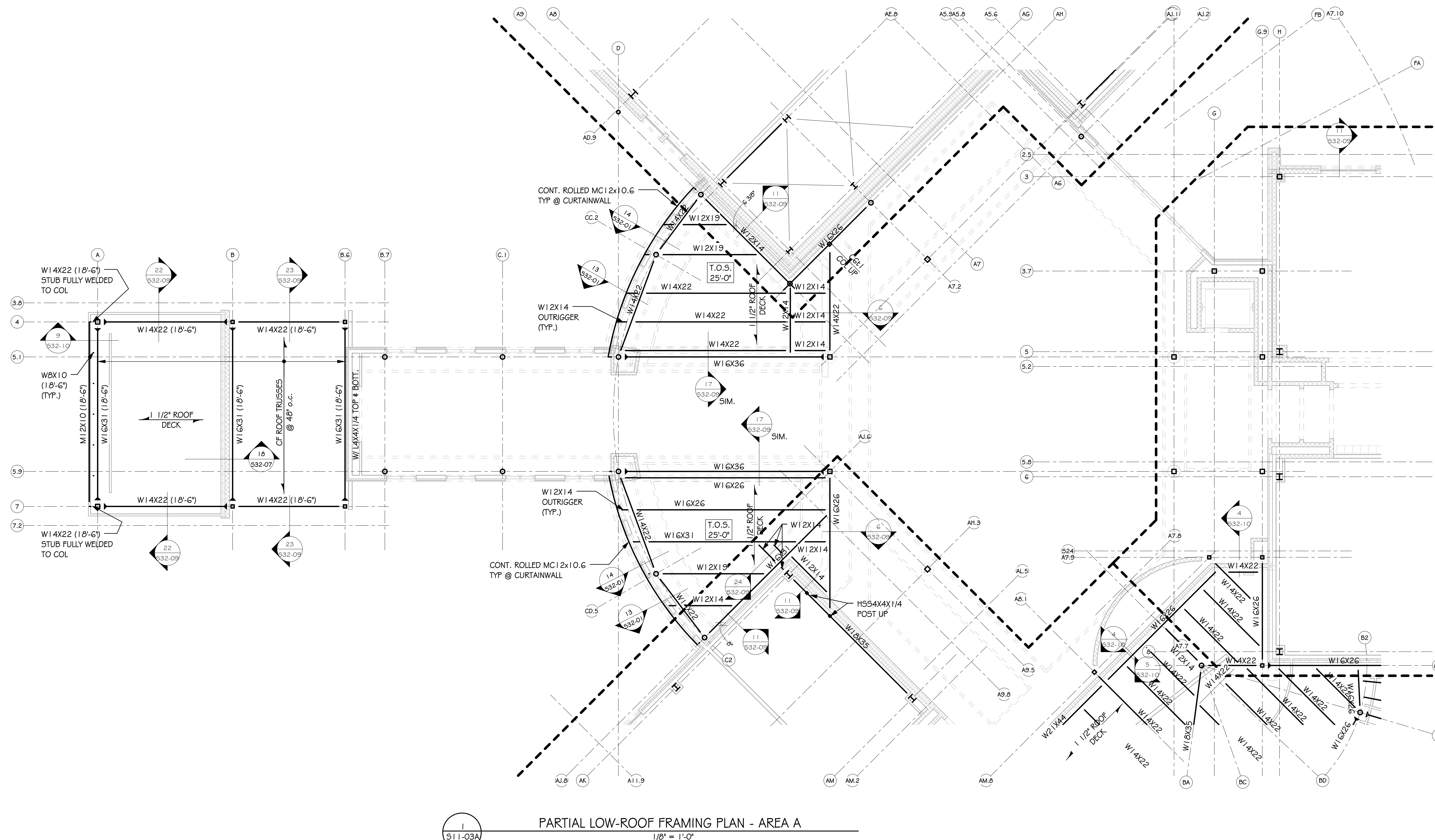
S11-02G

ELECTRICAL ENGINEER

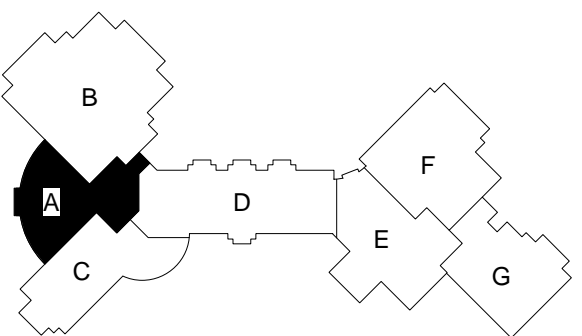


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www.fcarchitects.net

07-19-12	S11-03A
SALE:	
1/8" = 1'-0"	



1. FLOOR NOTES:
 1. FLOOR REFERENCE DATUM: 0'-0"
 2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
 3. PROVIDE 1" - 1/2" 20 # CONC. COMPOSITE DECK (IN MIN 3' SPAN LENGTHS)
 - W/ 2'-1/2" CONCRETE TOPPING (4" TOTAL REIN. W/ 6#-W/ 4W1, 4 WF.
 - T.O. FLOOR SLAB ELEV.: 1'-4" (SECOND FLOOR) 29'-9" (PLATFORMS) U.N.O.
 - PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
 4. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
 6. 000 INDICATES Ø OF 3/4" DIA. X 3" STUDS.
 7. 001 INDICATES LATERAL BRACING REFERENCE DETAIL TYPICALS.
 7. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL FOUR STOP W/ STIFFENERS
 - AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAIL TYPICALS.
 8. PROVIDE LOOSE UNTELS PER UNTEL. SCHEDULE AND DETAILS.
 9. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 10. REFERENCE 532-A1 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
 11. PROVIDE 1" - 1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3' SPAN LENGTHS)
 - AT ENTIRE ROOF AREAS U.N.O.
 12. JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER UJI CODE.
 - PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET SLP PRESSURE.
 13. PROVIDE MIN. 1/4" BENT PLATE AT ALL ROOF DECK EDGES. REFERENCE DETAILS.
 14. PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAIL
 - FOR FRAMES BELOW UNITS & LATERALS. PROVIDE POINT LOAD JOIST REIN.
 - AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS &
 - EQUIPMENT SPECS.
 15. REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER
 - THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH
 - 16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
 16. PREVENT GASKETS FROM BEING PLACED OVER ALL BEAMS ADJACENT TO CMU
 - UNLESS NOTED OTHERWISE. REF. 11532-30.
 17. (F.P.) DESIGNATES STEEL TO RECEIVE SPFRY FIREPROOFING PER ARCH. REF.
 - SPECIFICATIONS.



KEYPLAN


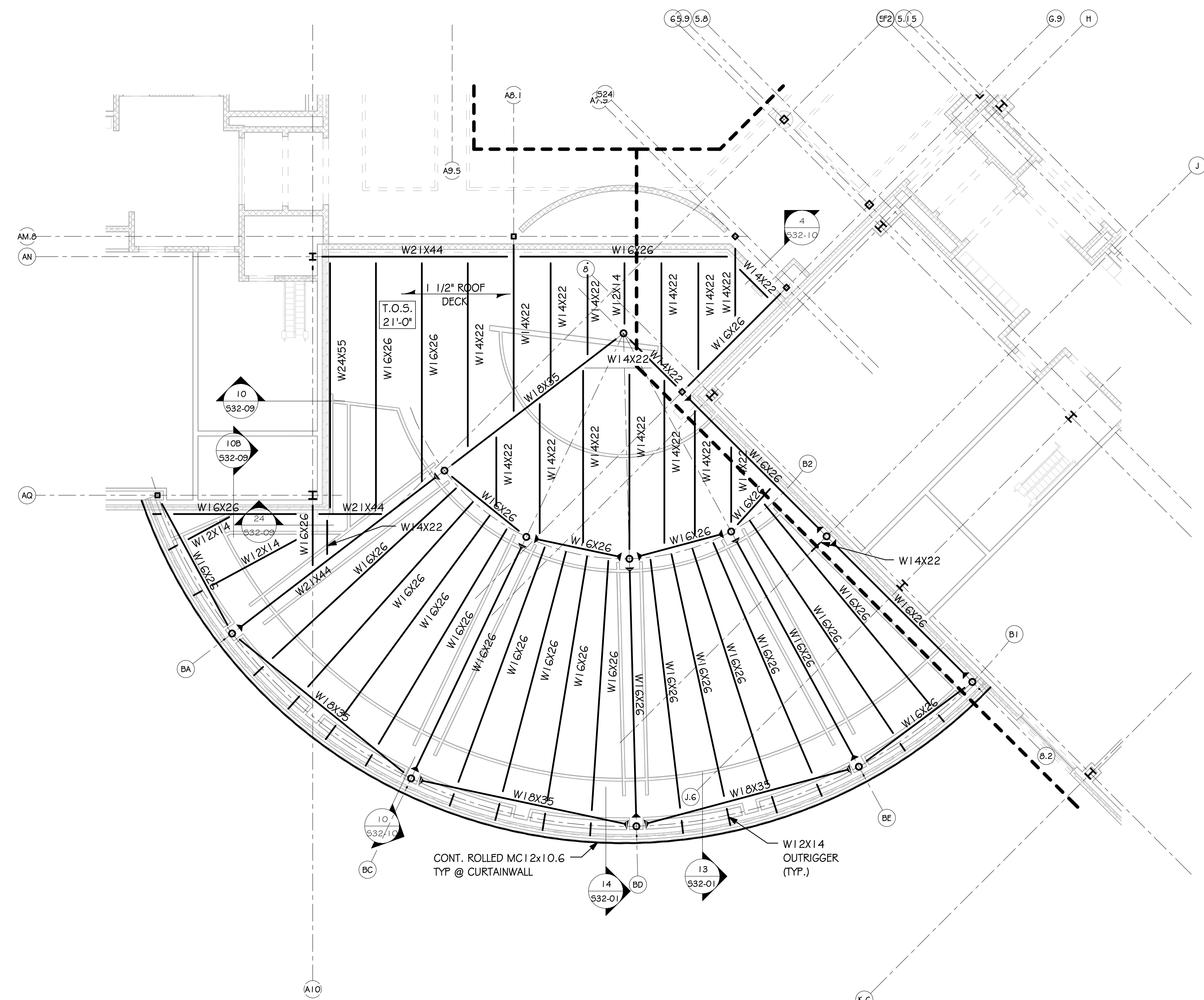
ELECTRICAL ENGINEER



1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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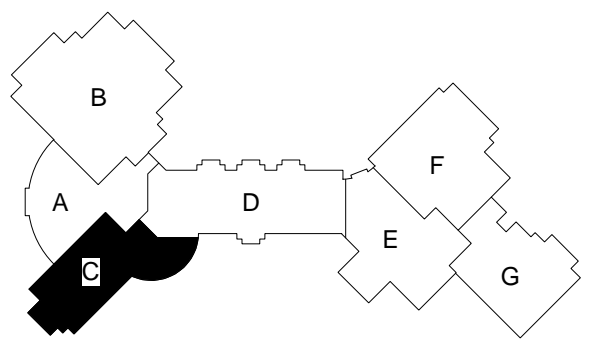
07-19-12	S11-03C
SCALE: 1/8" = 1'-0"	



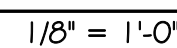
PARTIAL LOW ROOF FRAMING PLAN - AREA C

$$1/8^{\circ} = 1'-0''$$

SPECIFICATIONS:

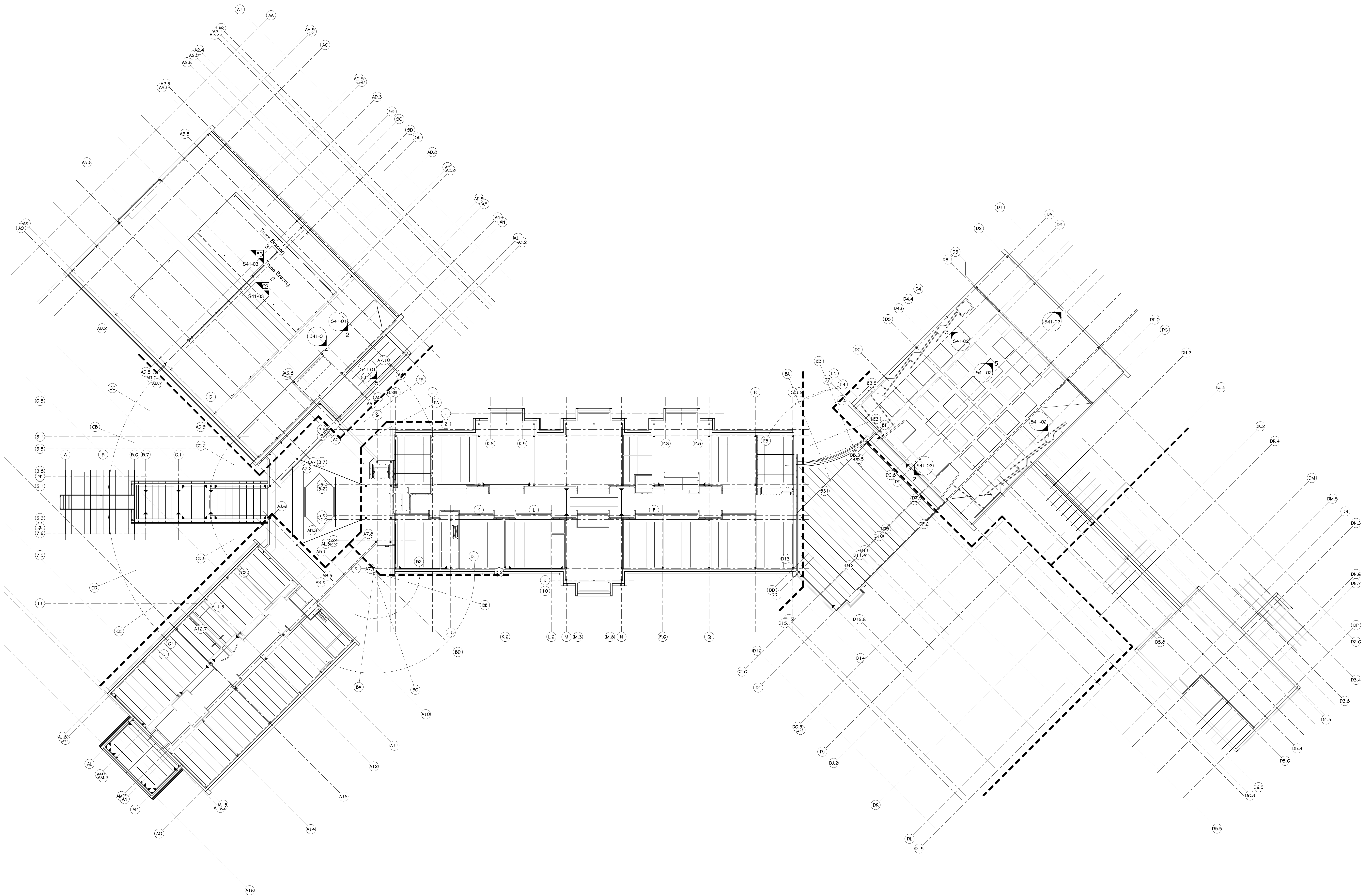


KEYPLAN



KEYPLAN

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



1
S11-04

Overall Mech Platform Framing Plan
3/64" = 1'-0"

CONSULTANTS:

CIVIL ENGINEER

CDA ENGINEERING
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WILMINGTON, DE 19804
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STRUCTURAL ENGINEER

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ELECTRICAL ENGINEER

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ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL
DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

OVERALL FRAMING PLAN

DWN BY:	CHK BY:	PROJ. NUMBER:
AJC	JDM	D6932.00
DATE:		DRAWING NUMBER:
07-19-12		S11-04
SCALE:		
3/64" = 1'-0"		

CONSULTANTS:

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CDA ENGINEERING
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WILMINGTON, DE 19804
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ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT
WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

PARTIAL PLATFORM FRAMING
PLAN - AREA C

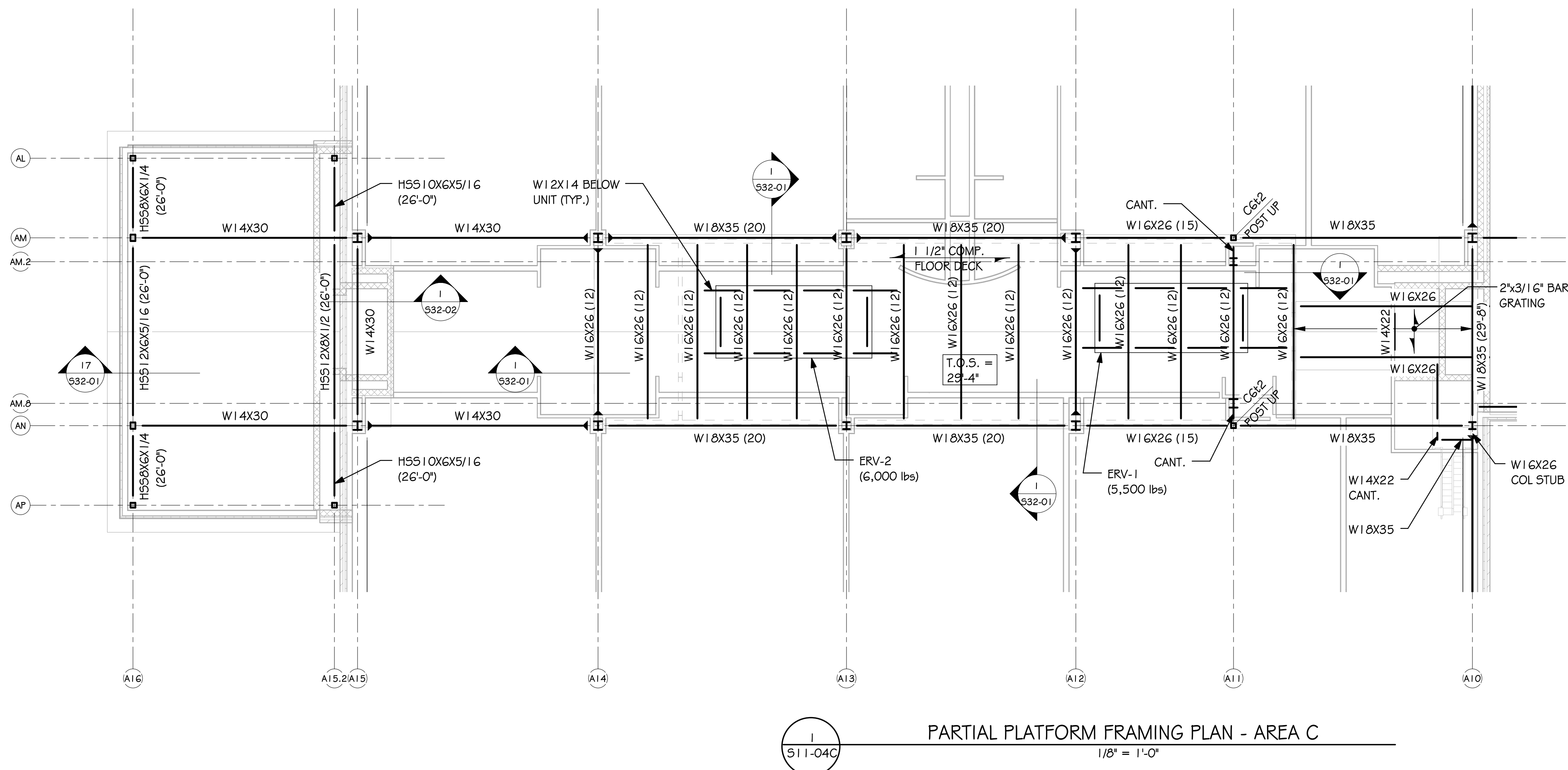
DWN BY: AJC CHK BY: JDM PROJ. NUMBER: D6932.00

DATE: 07-19-12

DRAWING NUMBER:

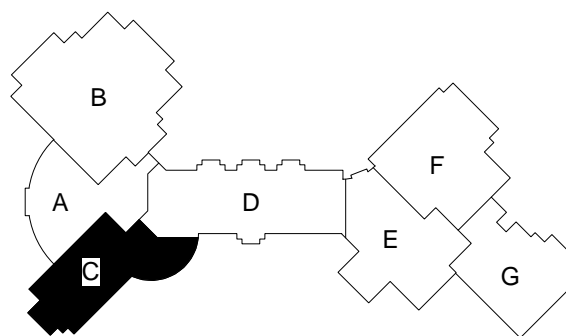
SCALE: 1/8" = 1'-0"

S11-04C



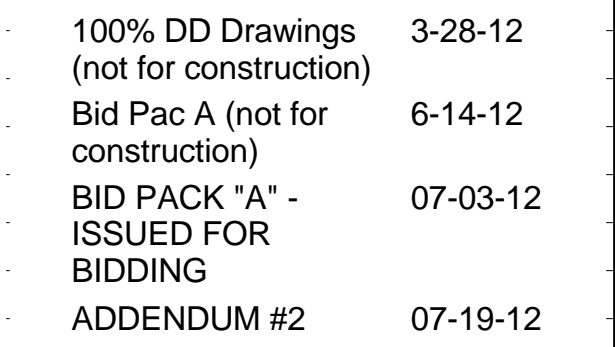
FRAMING NOTES:

- FLOOR REFERENCE DATUM: 0'-0"
- SEE PLANS FOR T.O. STEEL ELEVATIONS.
- PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS)
W/ 2-1/2" CONCRETE TOPPING (4" TOTAL REINF. W/ 6X6-W1.4W1.4 WWF.
T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O.
PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
- JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
- (XX) INDICATES # OF 3/4" DIA. x 3' STUDS.
- (M) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
- PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL POUR STOP W/ STIFFENERS
AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
- PROVIDE LOOSE UNTELS PER UNTEL SCHEDULE AND DETAILS.
- REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- REFERENCE 532-01 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
- PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS)
AT ALL ROOF AREAS U.N.O.
- JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE.
PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
- PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
- PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS
FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF.
AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS &
EQUIPMENT SPECS.
- REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER
THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH
16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
- PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU
UNLESS NOTED OTHERWISE. REF. 11/532-06.
- (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF.
SPECIFICATIONS.

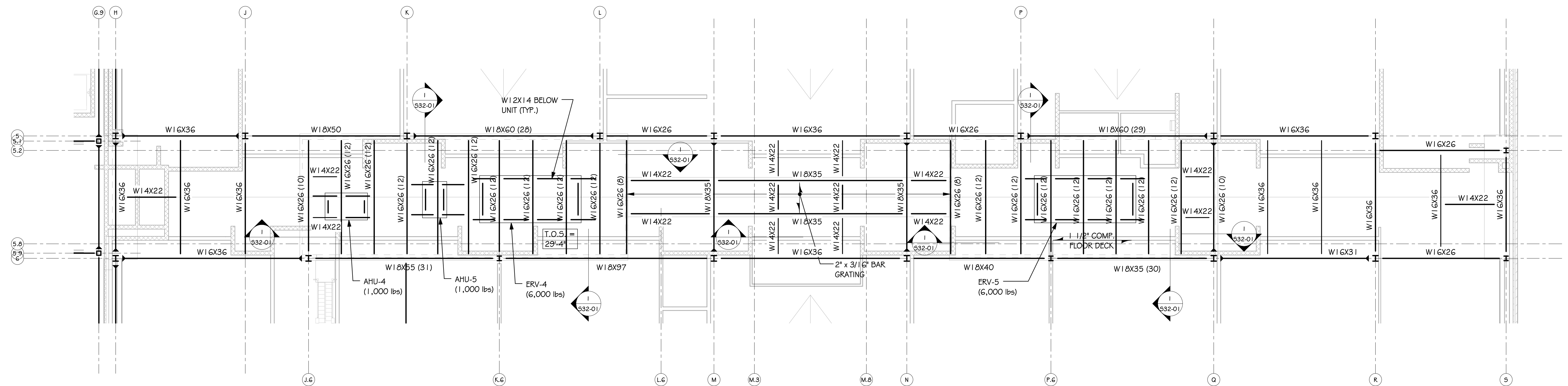


KEYPLAN

ELECTRICAL ENGINEER

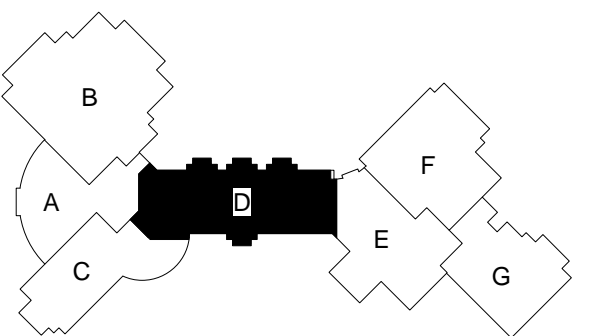


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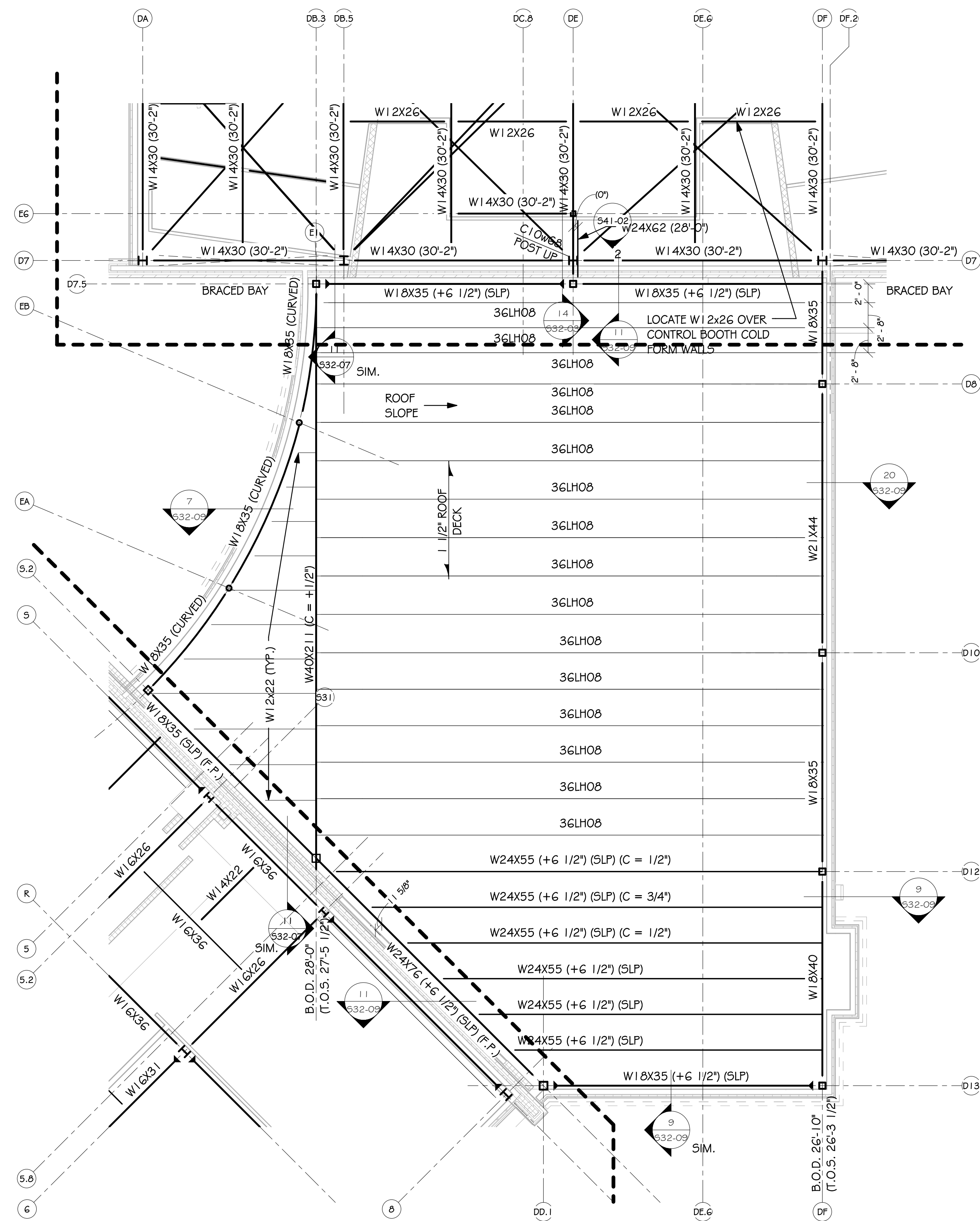
$$1/8" = 1'-0"$$


PARTIAL PLATFORM FRAMING PLAN - AREA D

17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF.

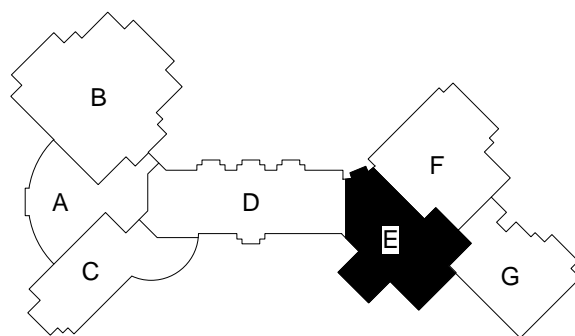


KEYPLAN



PARTIAL ROOF FRAMING PLAN - AREA E
1/8" = 1'-0"

- FRAMING NOTES:
1. FLOOR REFERENCE DATUM: 0'-0"
 2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
 3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS)
W/ 2-1/2" CONCRETE TOPPING (4" TOTAL REINF. W/ 6x6-W1.4xW1.4 WWF.
T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O.
PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
 4. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
 5. (XX) INDICATES # OF 3/4" DIA. x 3' STUDS.
 6. (M-) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
 7. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL FOUR STOP W/ STIFFENERS
AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
 8. PROVIDE LOOSE LINTELS PER LINTEL SCHEDULE AND DETAILS.
 9. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 10. REFERENCE 532-01 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
 11. PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS)
AT ALL ROOF AREAS U.N.O.
 12. JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE.
PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
 13. PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
 14. PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS
FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF.
AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS &
EQUIPMENT SPECS.
 15. REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER
THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH
16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
 16. PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU
UNLESS NOTED OTHERWISE. REF. I1532-06.
 17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF.
SPECIFICATIONS.



KEYPLAN

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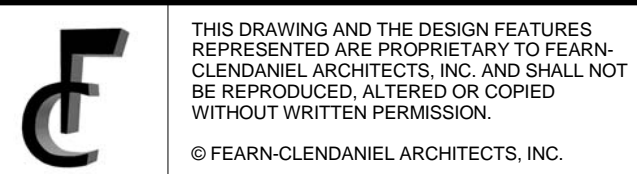
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MECHANICAL ENGINEER

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ELECTRICAL ENGINEER



ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL
DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

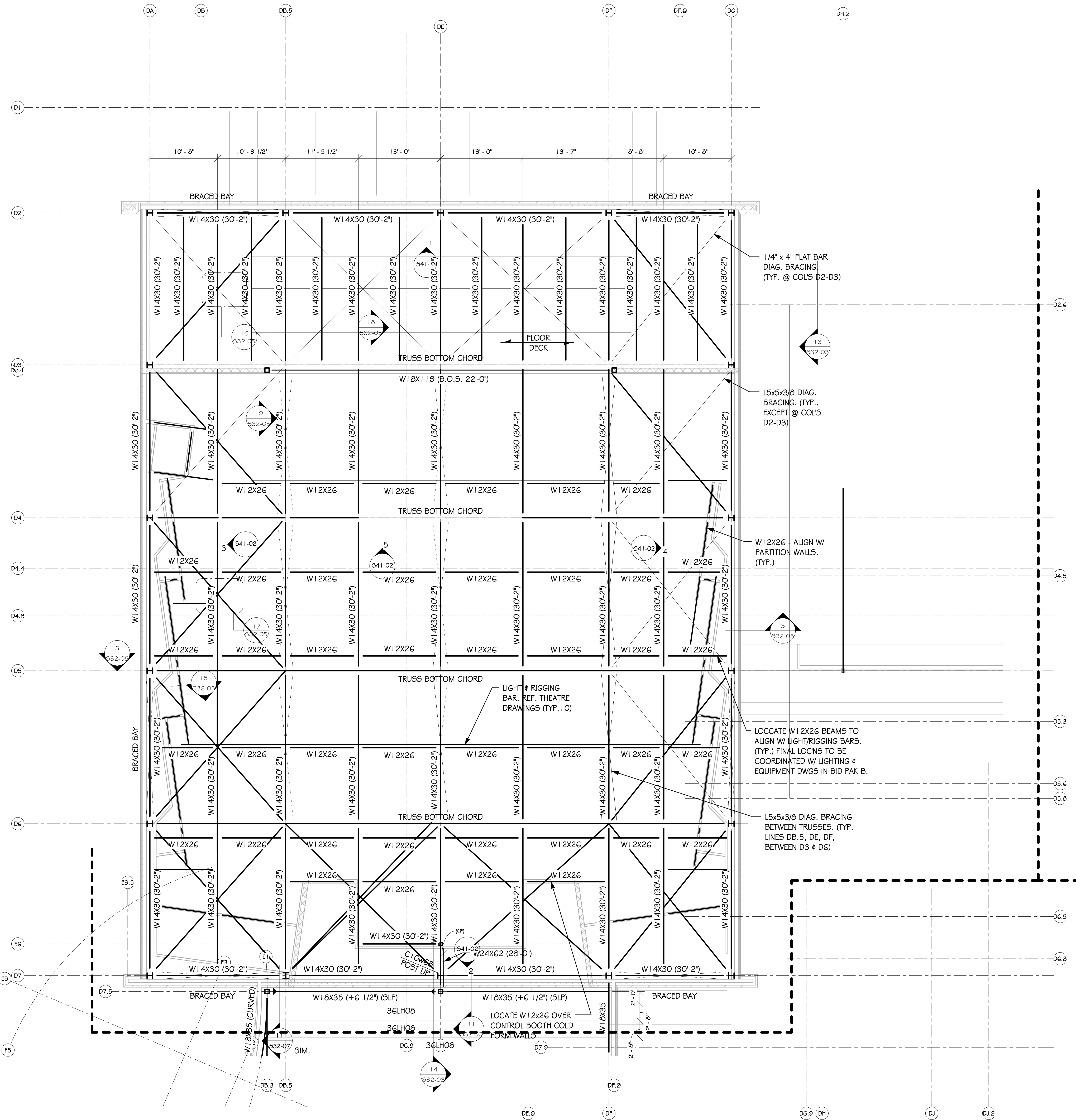
DRAWING TITLE:

PARTIAL ROOF FRAMING PLAN -
AREA E

DWN BY: AJC CHK BY: CJM PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER:

SCALE: 1/8" = 1'-0" S11-04E

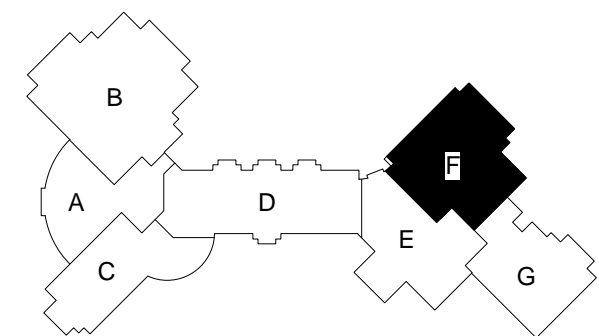


1
S11-04F

PARTIAL BOTTOM CHORD FRAMING PLAN - AREA F
1/8" = 1'-0"

- NOTES:
- FLOOR DECK OVER STAGE AREA: 2" 20 GA GALV. FORM DECK (MIN. 3 SPAN LENGTHS) REF. ARCH FOR SHEATHING/TOPPING.
 - PROVIDE CONT. PERIMETER L4x4x1/4 @ DECK OVER STAGE.

- FRAMING NOTES:
- FLOOR REFERENCE DATUM: 0'-0"
 - SEE PLANS FOR T.O. STEEL ELEVATIONS.
 - PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS) W/ 2-1/2" CONCRETE TOPPING (4" TOTAL REINF. W/ 6x6-W1.4xW1.4 WWF. T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
 - JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
 - (XX) INDICATES # OF 3/4" DIA. x 3' STUDS.
 - (M-) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
 - PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL POUR STOP W/ STIFFENERS AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
 - PROVIDE LOOSE UNTELS PER UNTEL SCHEDULE AND DETAILS.
 - REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - REFERENCE 532-10 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
 - PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS) AT ALL ROOF AREAS U.N.O.
 - JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE. PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
 - PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
 - PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF. AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS & EQUIPMENT SPECS.
 - REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER THAN 1/2' IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH 16 GA FLAT PLATE 1/2' LARGER THAN OPENING EACH WAY.
 - PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU UNLESS NOTED OTHERWISE. REF. 11/532-06.
 - (F.F.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF. SPECIFICATIONS.



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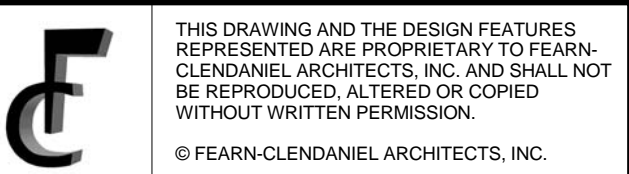
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ISSUE DATES:

2	Bid Pac A (not for construction)	6-14-12
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4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

PARTIAL BOTTOM CHORD FRAMING PLAN - AREA F

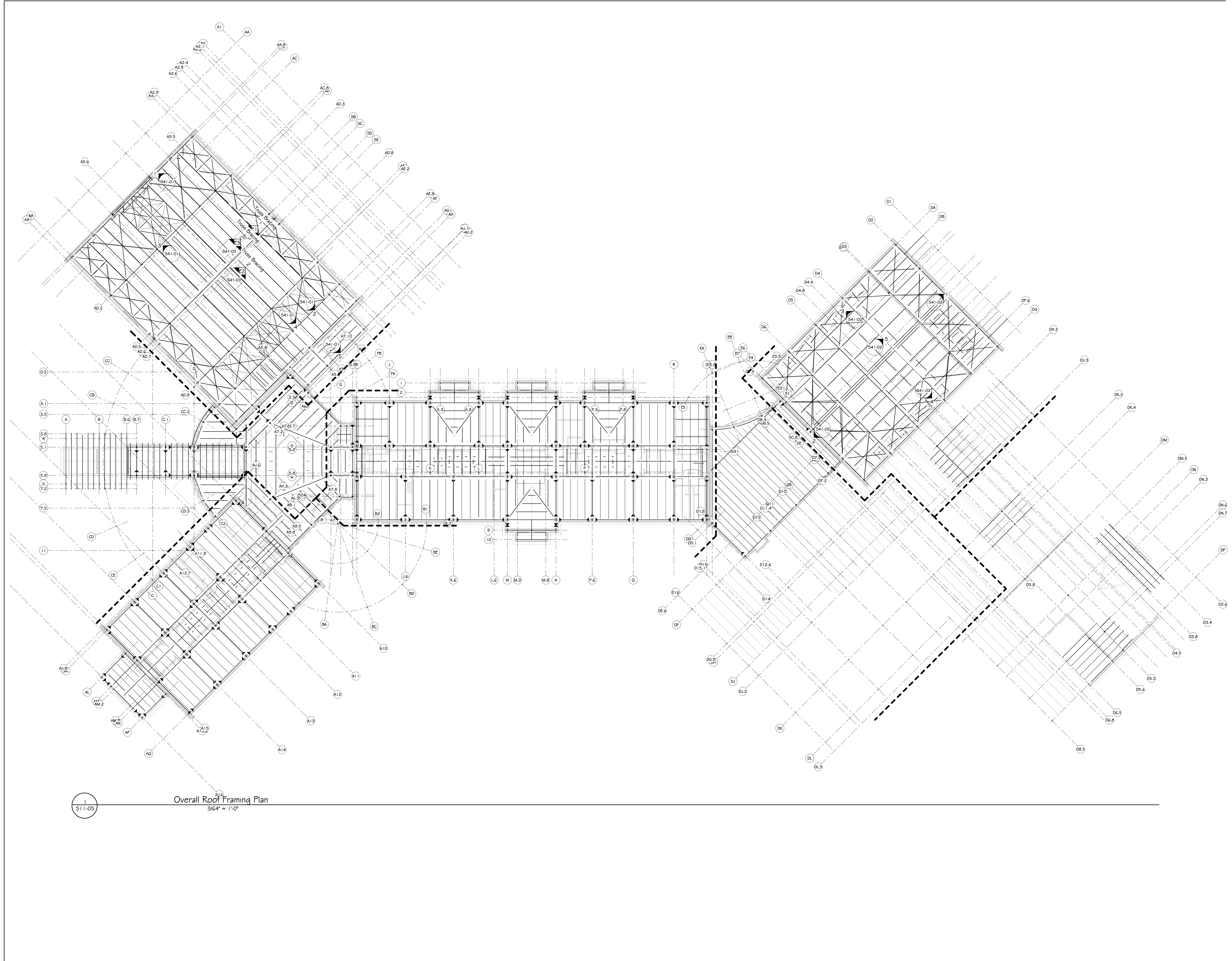
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AJC CJM D6932.00

DATE: 07-19-12 DRAWING NUMBER:

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

S11-04F



CONSULTANTS:

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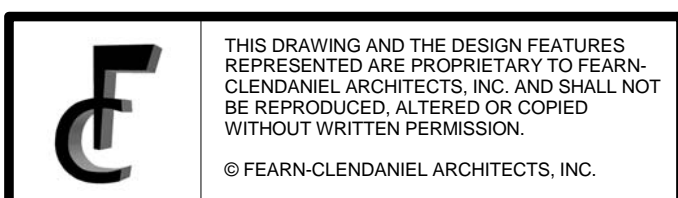
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PROJECT

WOODBIDGE SCHOOL
DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

OVERALL HIGH ROOF FRAMING
PLAN

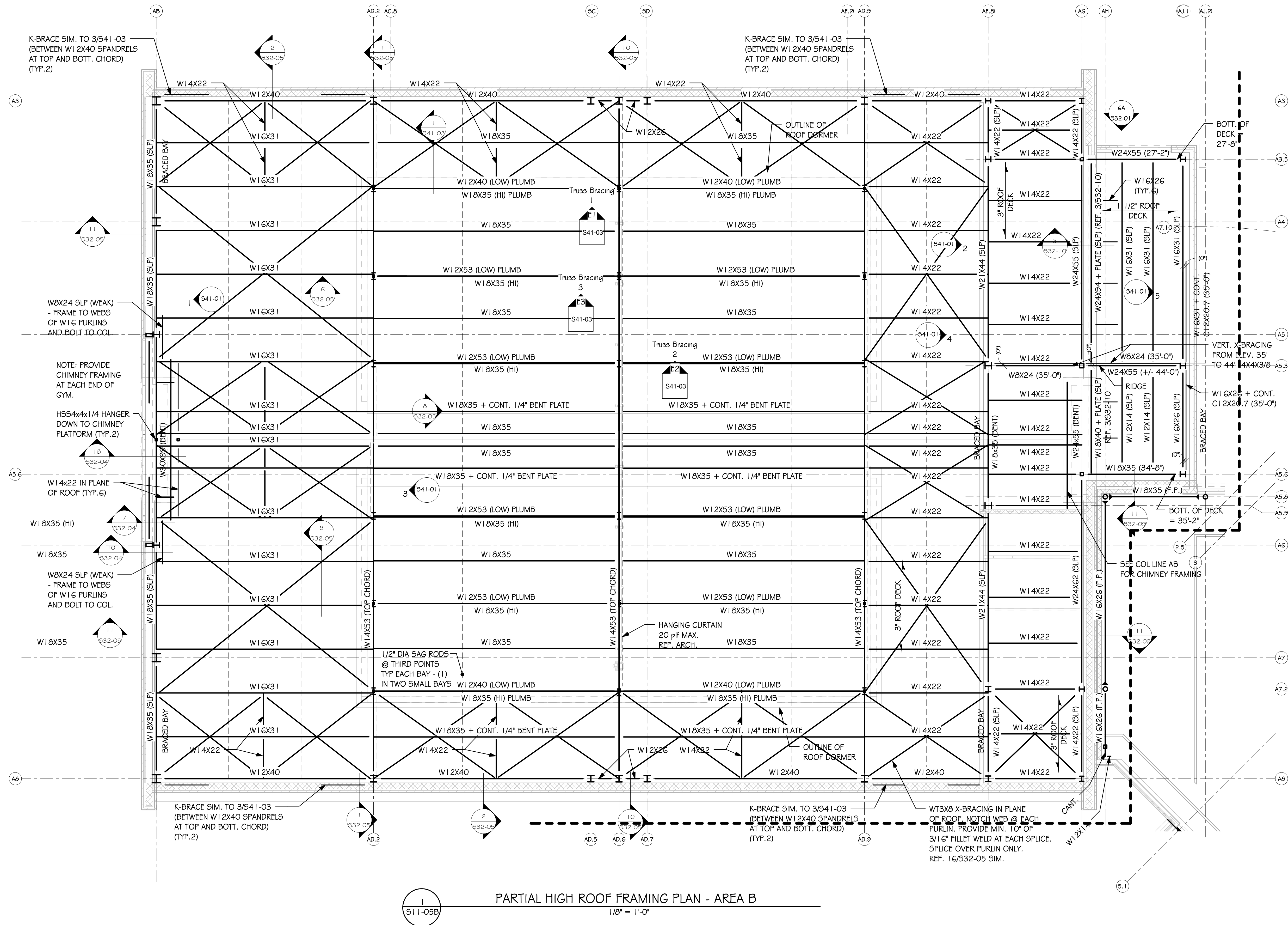
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AJC CJM D6932.00

DATE: 07-19-12 DRAWING NUMBER:

SCALE: 3/64" = 1'-0"

S11-05



PARTIAL HIGH ROOF FRAMING PLAN - AREA B

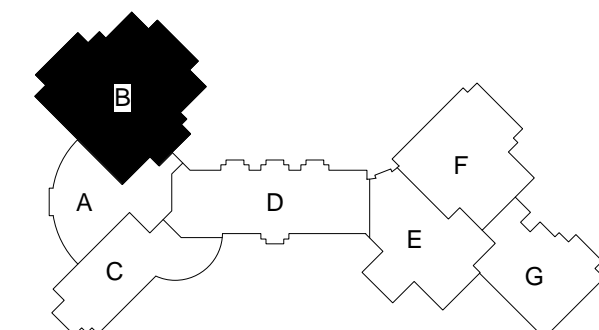
1/8" = 1'-0"

NOTES:

1. ROOF DECK: CELLULAR ACOUSTICAL ROOF DECK.
2. ALL PURLINS ARE ROTATED UNLESS NOTED OTHERWISE. T.O.S. TO MATCH TRUSS OR TOP OF DORMER BEAM.
3. ALL PLUMB PURLINS SUPPORTING ROOF DECK TO HAVE CONT. BENT PLATE.
4. PROVIDE C4 @ 4'-0" o.c. OUTRIGGERS AT ALL EAVE CONDITIONS.
5. "LOW" BEAMS T.O.S. = T.O.S. AT TRUSS.

FRAMING NOTES:

1. FLOOR REFERENCE DATUM: 0'-0"
2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS) W/ 2-1/2" CONCRETE TOPPING (4" TOTAL REIN. W/ 6#6-W1, 4#W1, 4 WWF. T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
4. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
5. (XX) INDICATES # OF 3/4" DIA. x 3" STUDS.
6. (---) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
7. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL FOUR STOP W/ STIFFENERS AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
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16. PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU UNLESS NOTED OTHERWISE. REF. 11/532-06.
17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF. SPECIFICATIONS.



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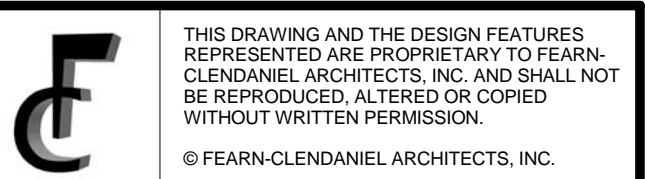
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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

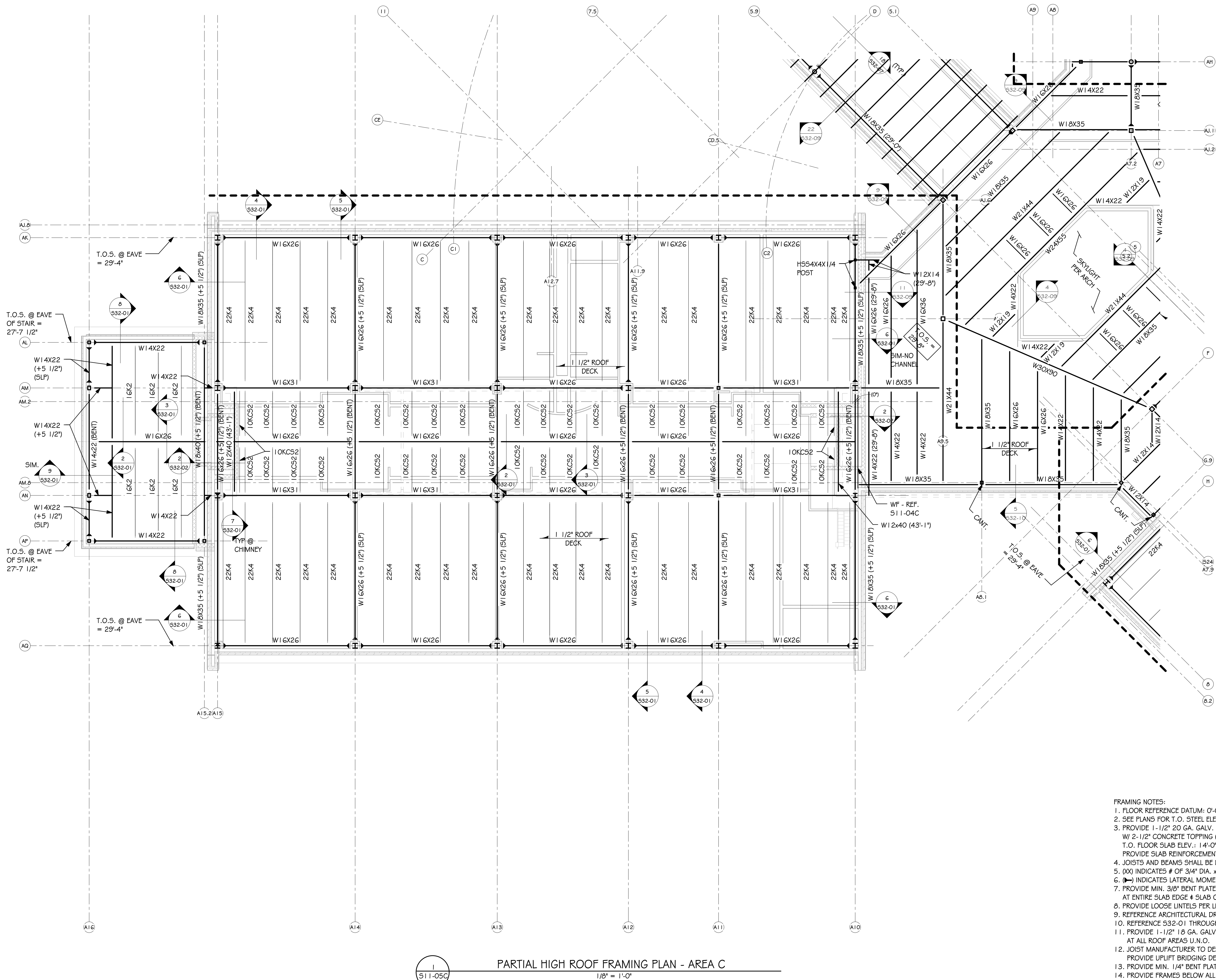
DRAWING TITLE:

PARTIAL HIGH ROOF FRAMING PLAN - AREA B

DWN BY: AJC CHK BY: API PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER: S11-05B

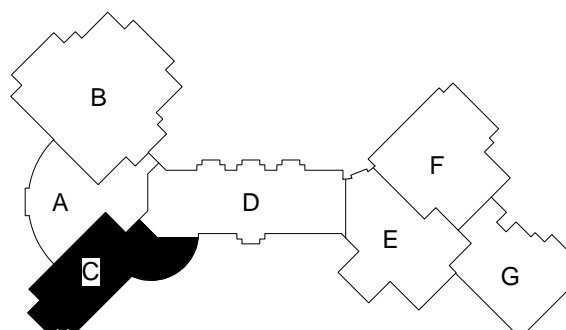
SCALE: 1/8" = 1'-0"



PARTIAL HIGH ROOF FRAMING PLAN - AREA C

- NOTES:
1. ALL BAR JOISTS IN AREA C TO HAVE 5 1/2" SEATS AND TYPE "R" EXTENDED ENDS AT EAVES.

- FRAMING NOTES:
1. FLOOR REFERENCE DATUM: 0'-0"
 2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
 3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS) W/ 2-1/2" CONCRETE TOPPING (4" TOTAL) REINF. W/ 6x6-W1.4xW1.4 WWF. T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
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 10. REFERENCE 532-01 THROUGH 532-10 SHEETS FOR TYPICAL DETAILS.
 11. PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS) AT ALL ROOF AREAS U.N.O.
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KEYPLAN

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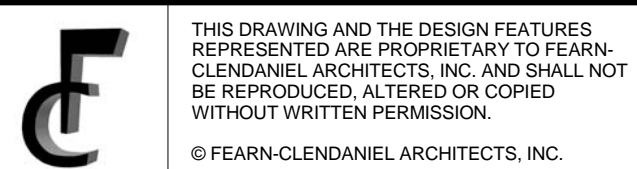
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ELECTRICAL ENGINEER



ISSUE DATES:

- | | | |
|---|---|----------|
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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

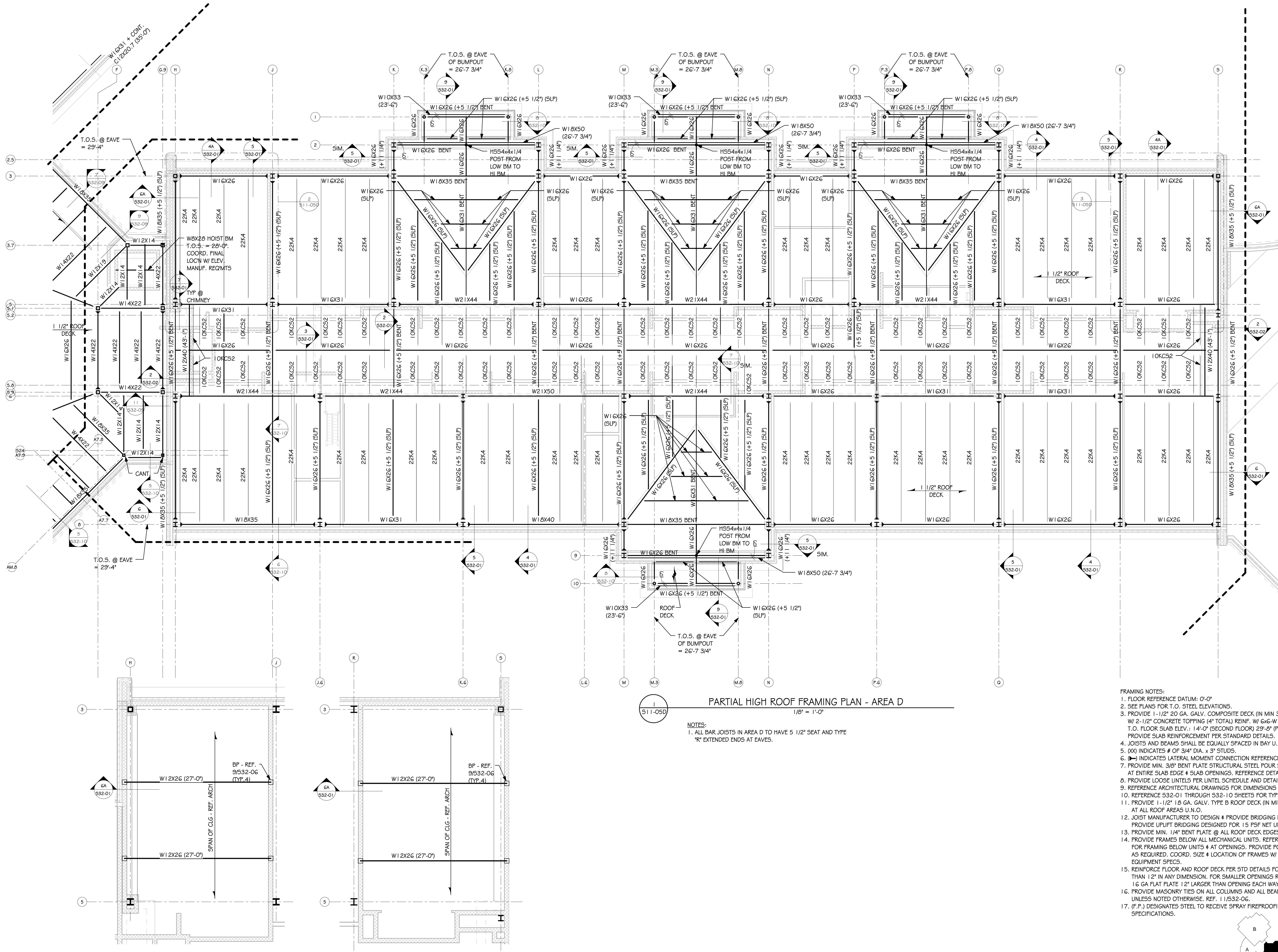
PARTIAL HIGH ROOF FRAMING PLAN - AREA C

DWN BY: CHK BY: PROJ. NUMBER:

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DATE: 07-19-12 DRAWING NUMBER:

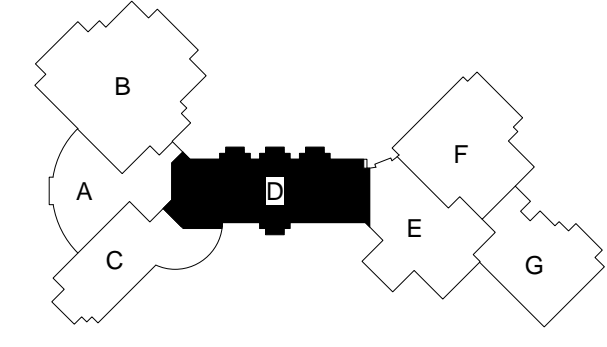
SCALE: 1/8" = 1'-0" S11-05C



PARTIAL HIGH ROOF FRAMING PLAN - AREA D

NOTES:
1. ALL BAR JOISTS IN AREA D TO HAVE 5 1/2" SEAT AND TYPE
"R" EXTENDED ENDS AT EAVES.

- FRAMING NOTES:
1. FLOOR REFERENCE DATUM: 0'-0"
 2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
 3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS)
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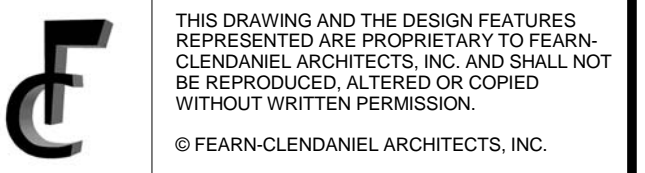
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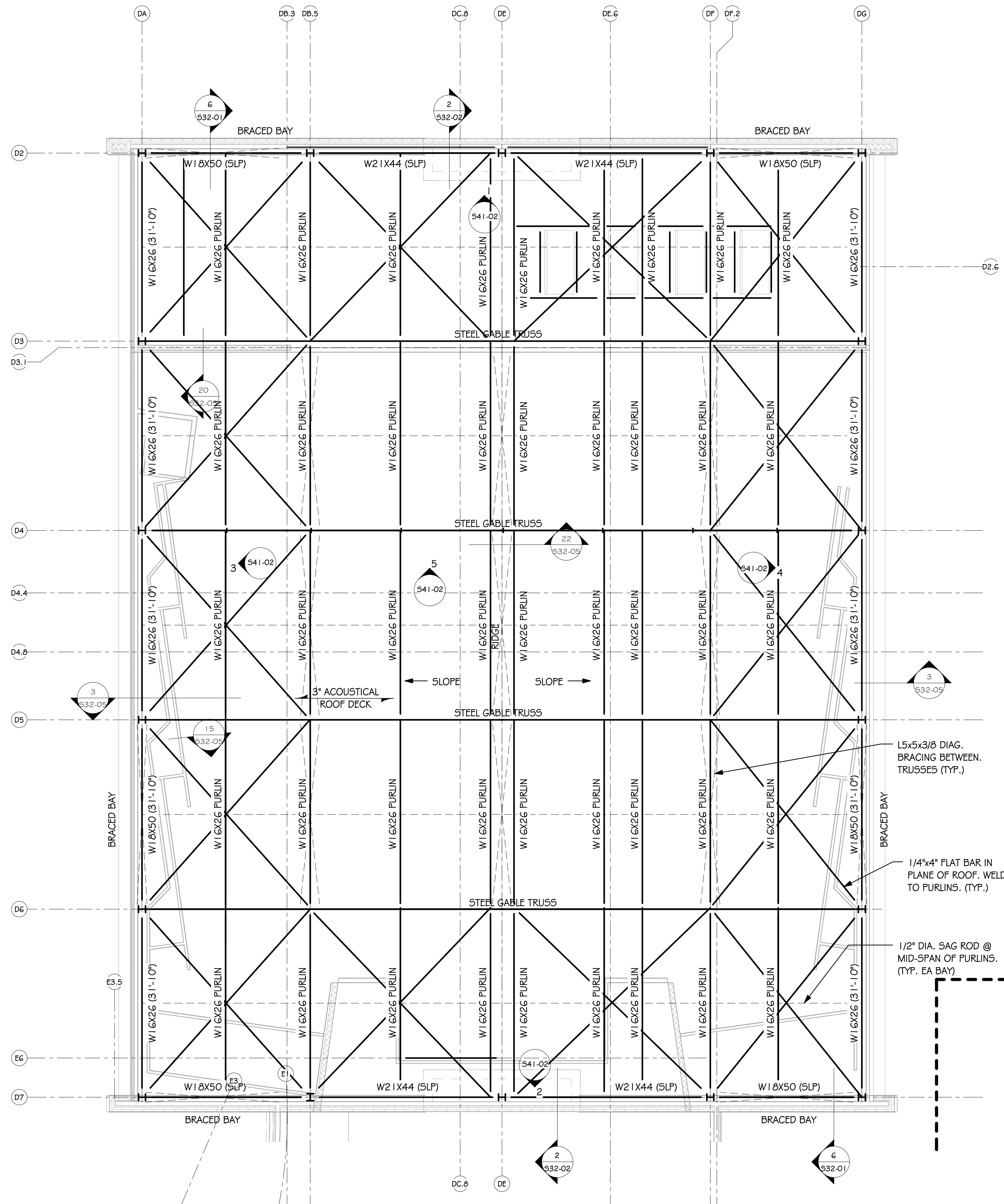
ELECTRICAL ENGINEER



ISSUE DATES:		
1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

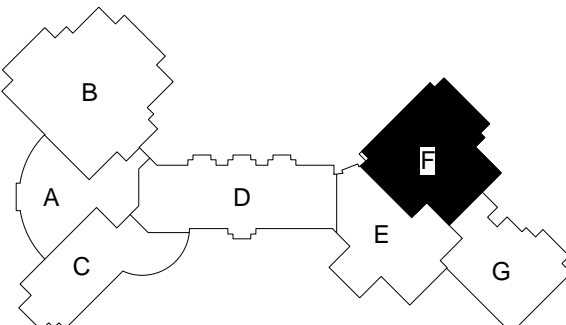
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PROJECT		
WOODBRIDGE SCHOOL DISTRICT		
WOODBRIDGE HIGH SCHOOL		
WOODBRIDGE ROAD		
DRAWING TITLE:		
PARTIAL HIGH ROOF FRAMING PLAN - AREA D		
DWN BY: AJC	CHK BY: JDM	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER: S11-05D	
SCALE: As indicated		



P1
S11-05F
PARTIAL HIGH ROOF FRAMING PLAN - AREA F
1/8" = 1'-0"

- FRAMING NOTES:
1. FLOOR REFERENCE DATUM: 0'-0"
 2. SEE PLANS FOR T.O. STEEL ELEVATIONS.
 3. PROVIDE 1-1/2" 20 GA. GALV. COMPOSITE DECK (IN MIN 3 SPAN LENGTHS) W/ 2-1/2" CONCRETE TOPPING (4" TOTAL REINF. W/ 6x6-W1.4xW1.4 WWF. T.O. FLOOR SLAB ELEV.: 14'-0" (SECOND FLOOR) 29'-8" (PLATFORMS) U.N.O. PROVIDE SLAB REINFORCEMENT PER STANDARD DETAILS.
 4. JOISTS AND BEAMS SHALL BE EQUALLY SPACED IN BAY U.N.O.
 5. (XX) INDICATES # OF 3/4" DIA. x 3" STUDS.
 6. (M-) INDICATES LATERAL MOMENT CONNECTION REFERENCE TYPICALS.
 7. PROVIDE MIN. 3/8" BENT PLATE STRUCTURAL STEEL FOUR STOP W/ STIFFENERS AT ENTIRE SLAB EDGE & SLAB OPENINGS. REFERENCE DETAILS.
 8. PROVIDE LOOSE UNTELS PER UNTEL SCHEDULE AND DETAILS.
 9. REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 10. REFERENCE S32-01 THROUGH S32-10 SHEETS FOR TYPICAL DETAILS.
 11. PROVIDE 1-1/2" 18 GA. GALV. TYPE B ROOF DECK (IN MIN 3 SPAN LENGTHS) AT ALL ROOF AREAS U.N.O.
 12. JOIST MANUFACTURER TO DESIGN & PROVIDE BRIDGING PER SJI CODE. PROVIDE UPLIFT BRIDGING DESIGNED FOR 15 PSF NET UPLIFT PRESSURE.
 13. PROVIDE MIN. 1/4" BENT PLATE @ ALL ROOF DECK EDGES. REFERENCE DETAILS.
 14. PROVIDE FRAMES BELOW ALL MECHANICAL UNITS. REFERENCE STANDARD DETAILS FOR FRAMING BELOW UNITS & AT OPENINGS. PROVIDE POINT LOAD JOIST REINF. AS REQUIRED. COORD. SIZE & LOCATION OF FRAMES W/ MEP DRAWINGS & EQUIPMENT SPECS.
 15. REINFORCE FLOOR AND ROOF DECK PER STD DETAILS FOR ALL OPENINGS GREATER THAN 12" IN ANY DIMENSION. FOR SMALLER OPENINGS REINFORCE DECK WITH 16 GA FLAT PLATE 12" LARGER THAN OPENING EACH WAY.
 16. PROVIDE MASONRY TIES ON ALL COLUMNS AND ALL BEAMS ADJACENT TO CMU UNLESS NOTED OTHERWISE. REF. 11/532-06.
 17. (F.P.) DESIGNATES STEEL TO RECEIVE SPRAY FIREPROOFING PER ARCH. REF. SPECIFICATIONS.



KEYPLAN

CONSULTANTS:

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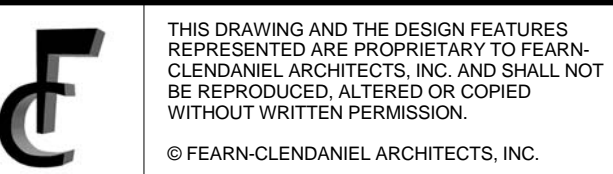
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ELECTRICAL ENGINEER



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4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

PARTIAL HIGH ROOF FRAMING PLAN - AREA F

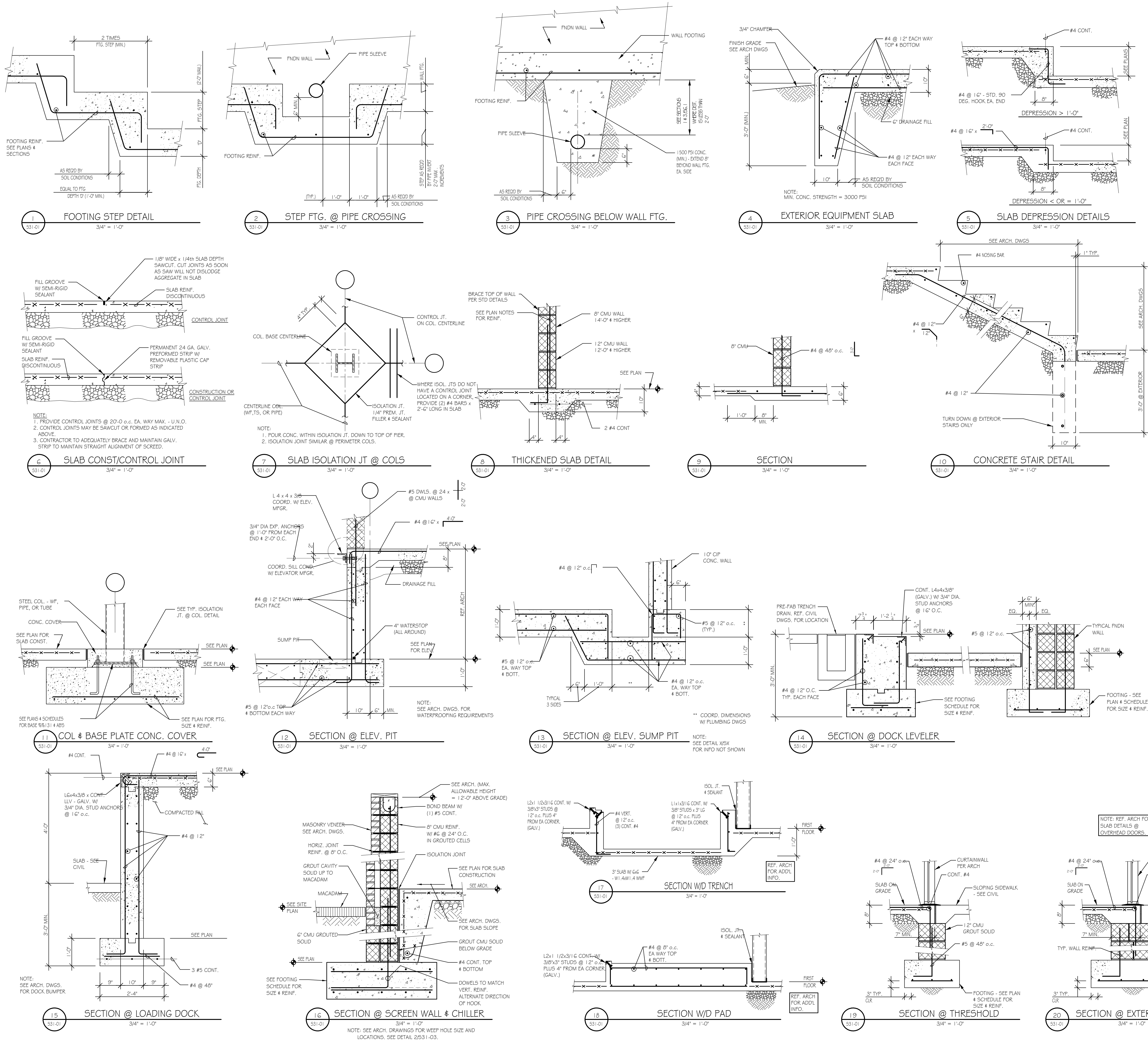
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AJC CJM D6932.00

DATE: 07-19-12 DRAWING NUMBER:

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

S11-05F



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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

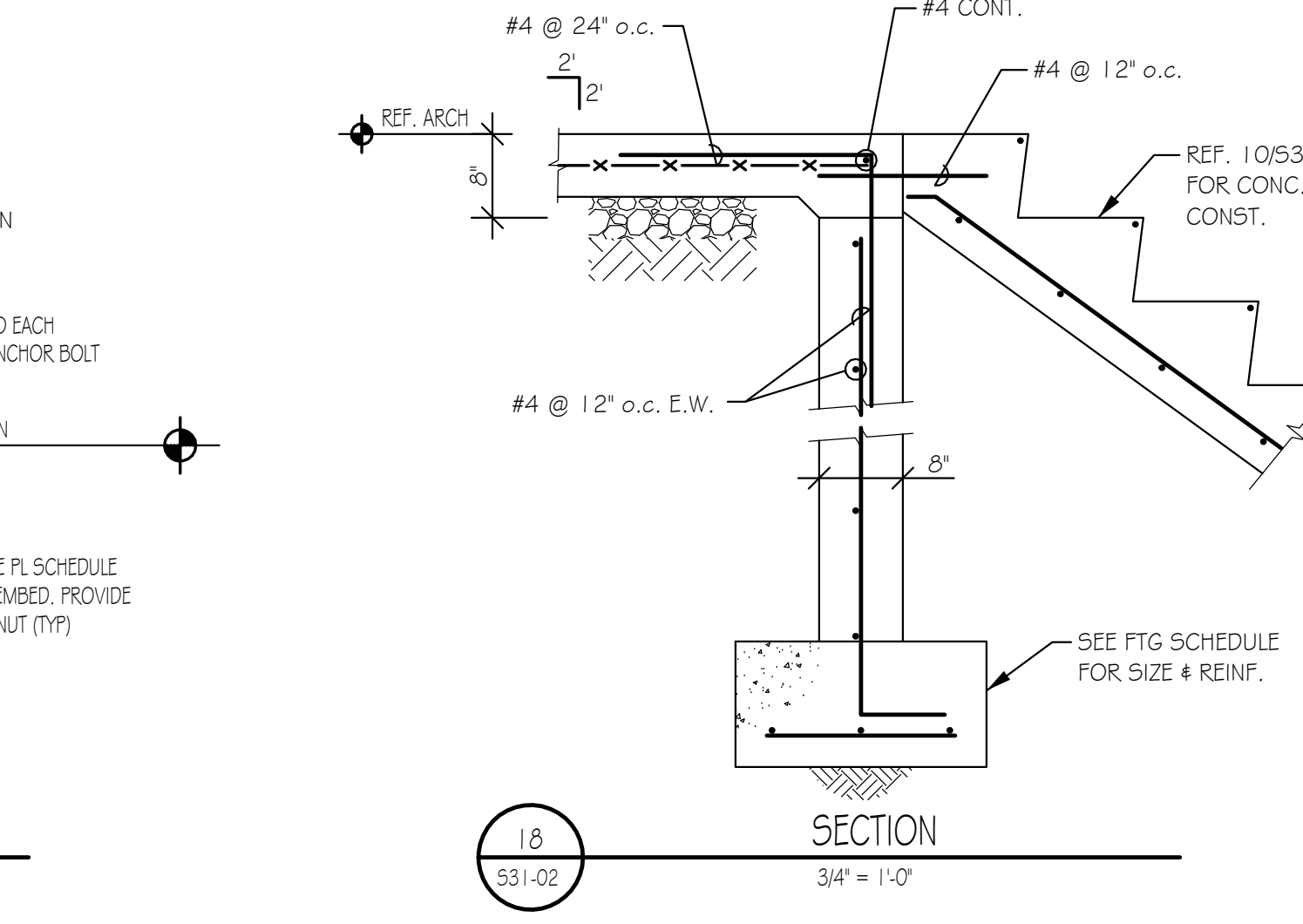
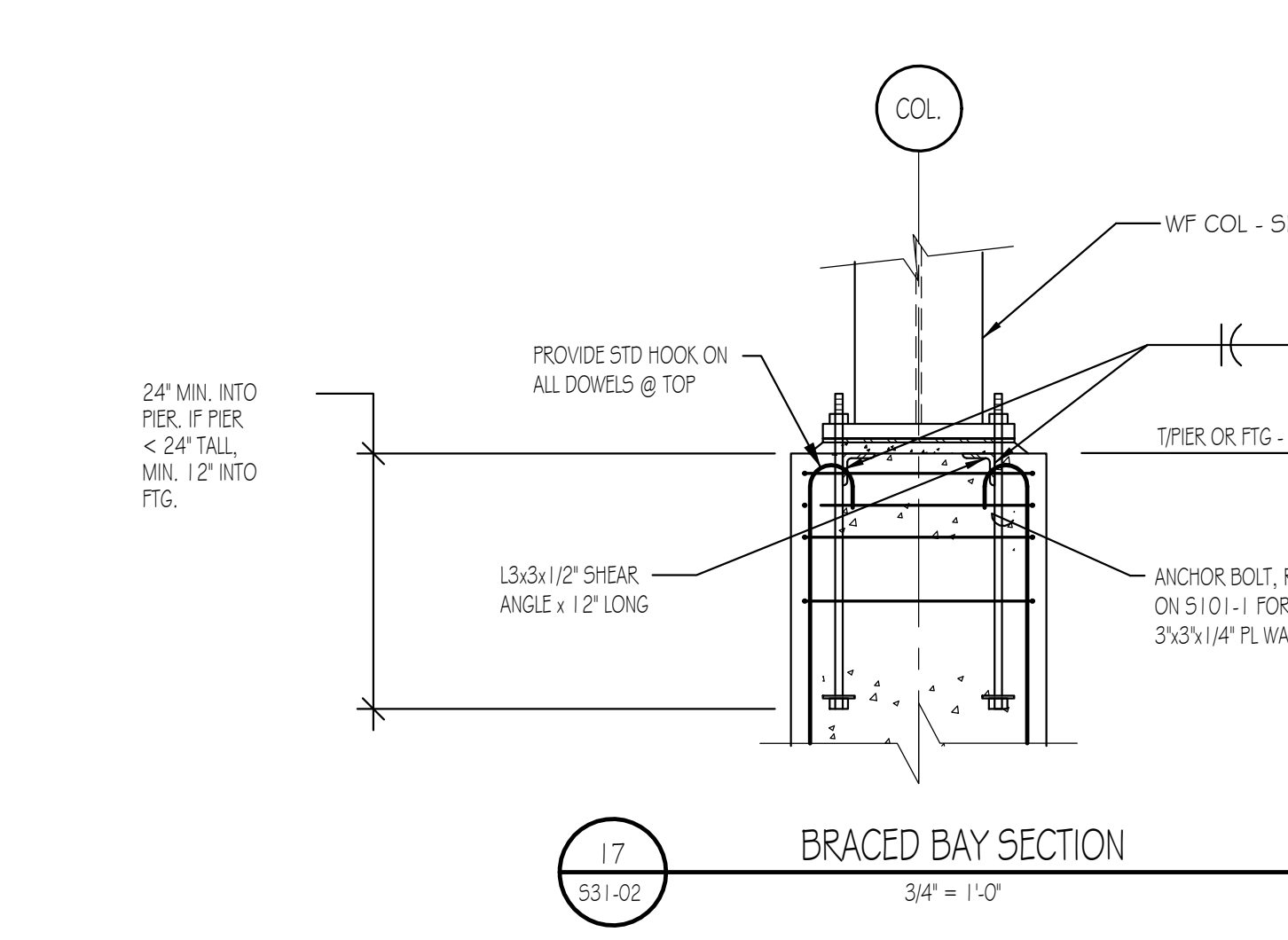
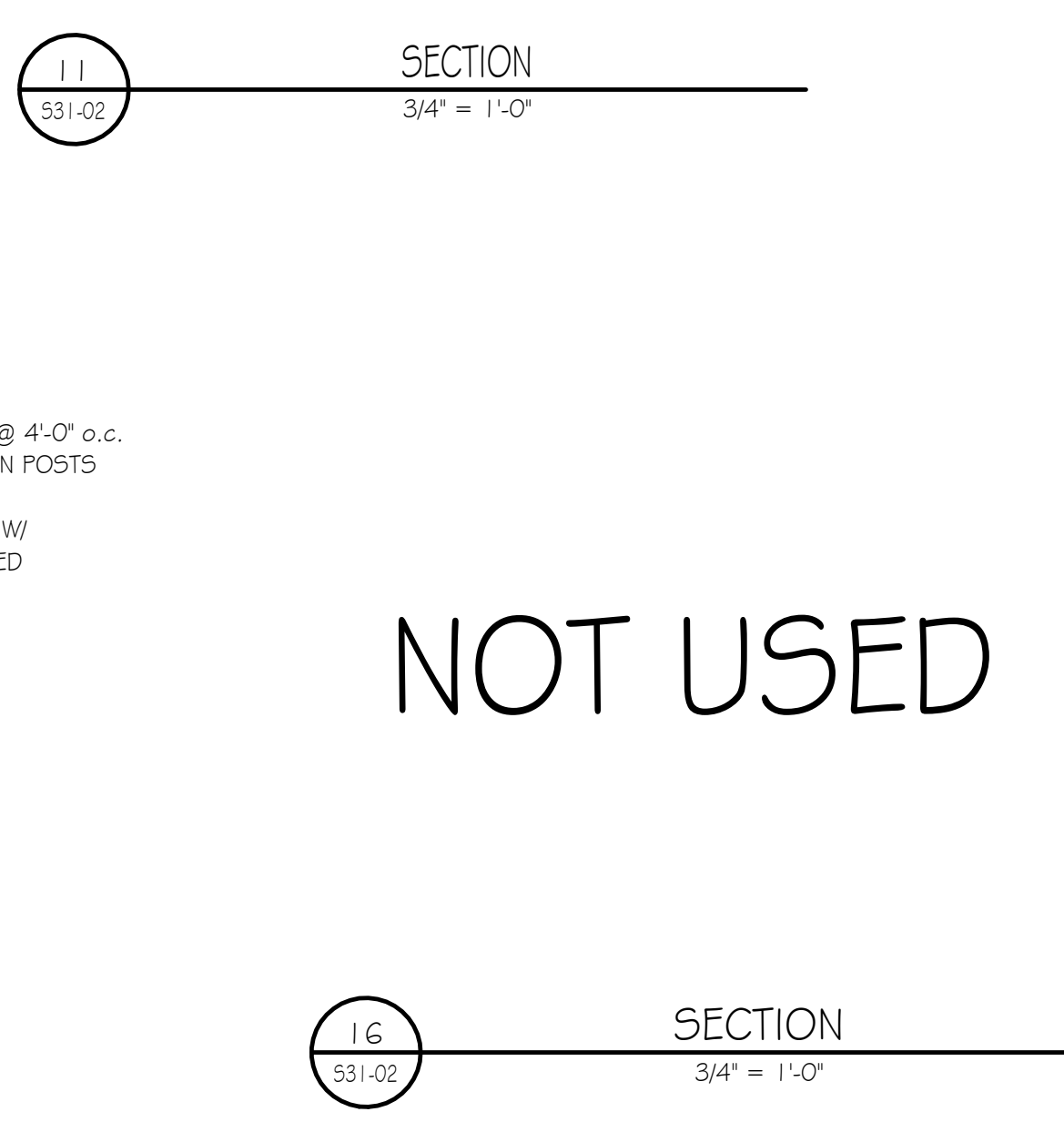
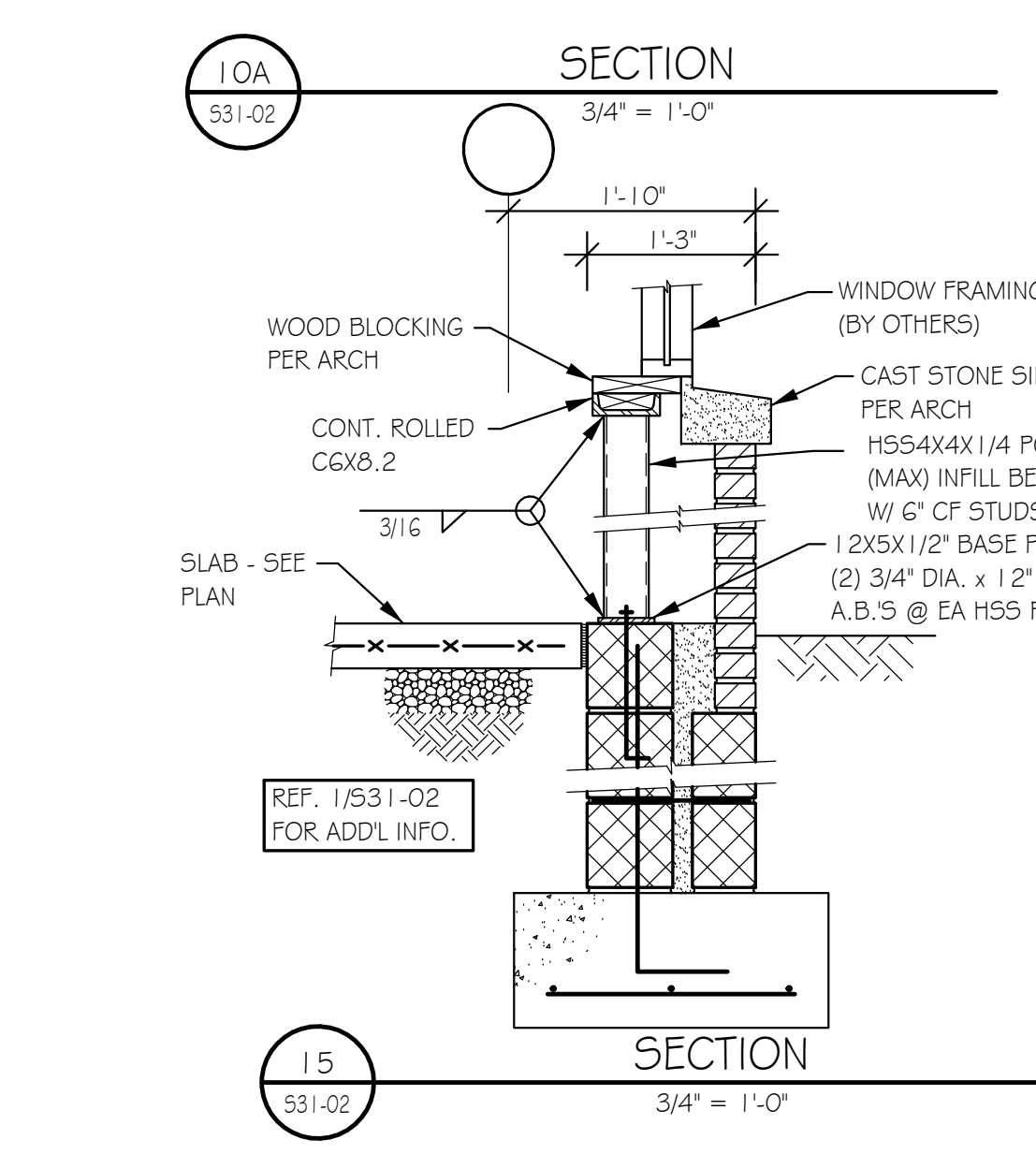
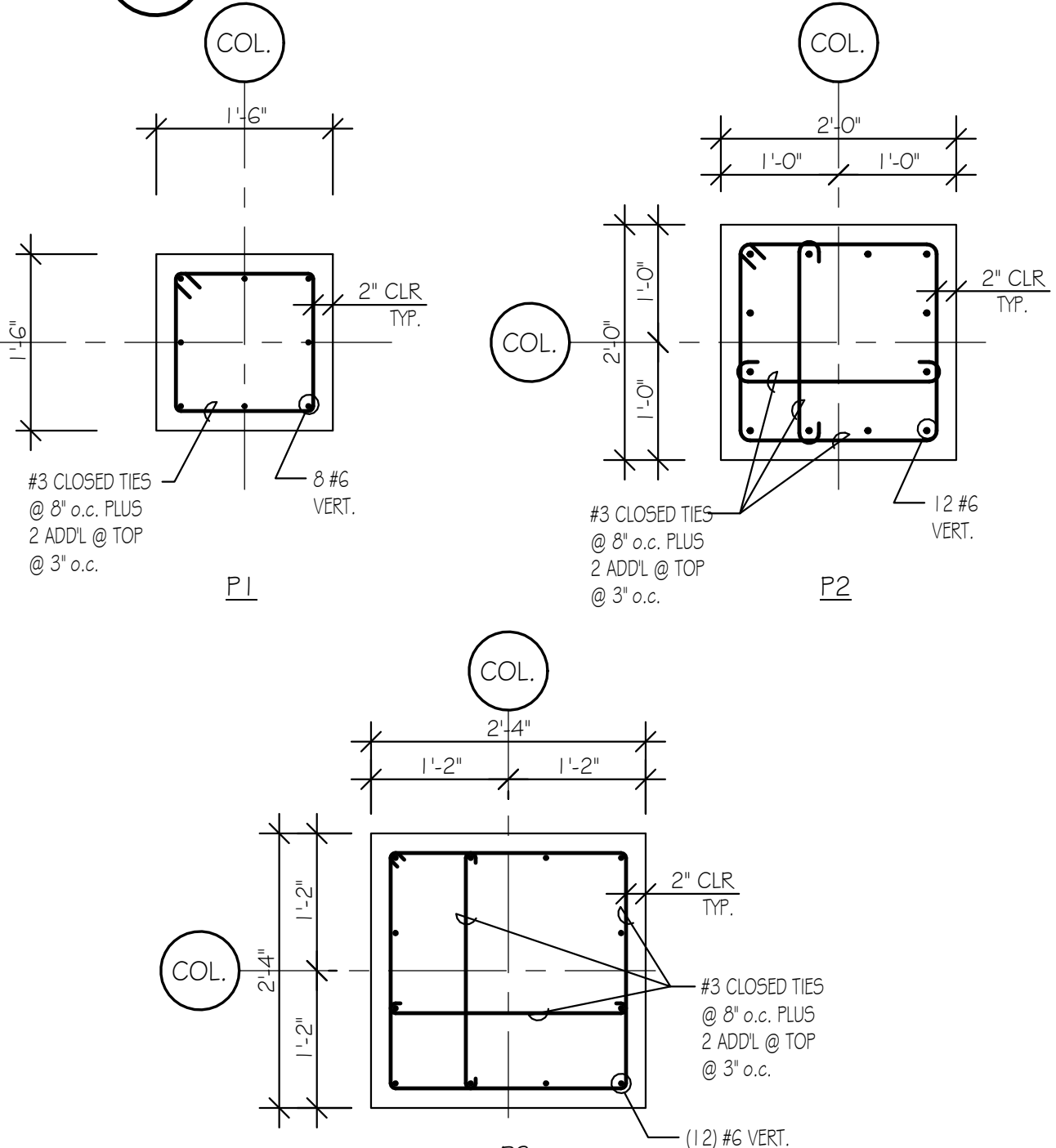
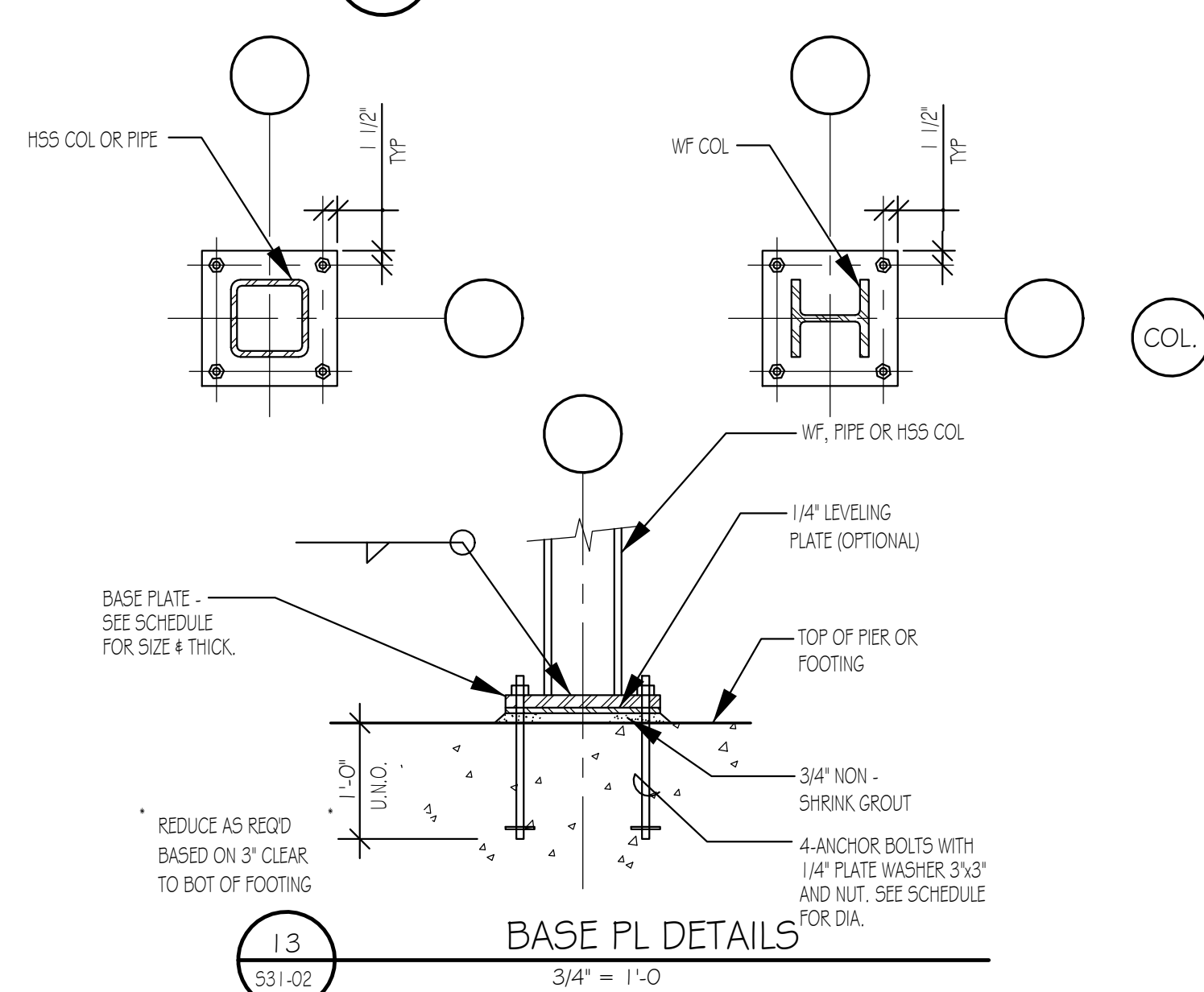
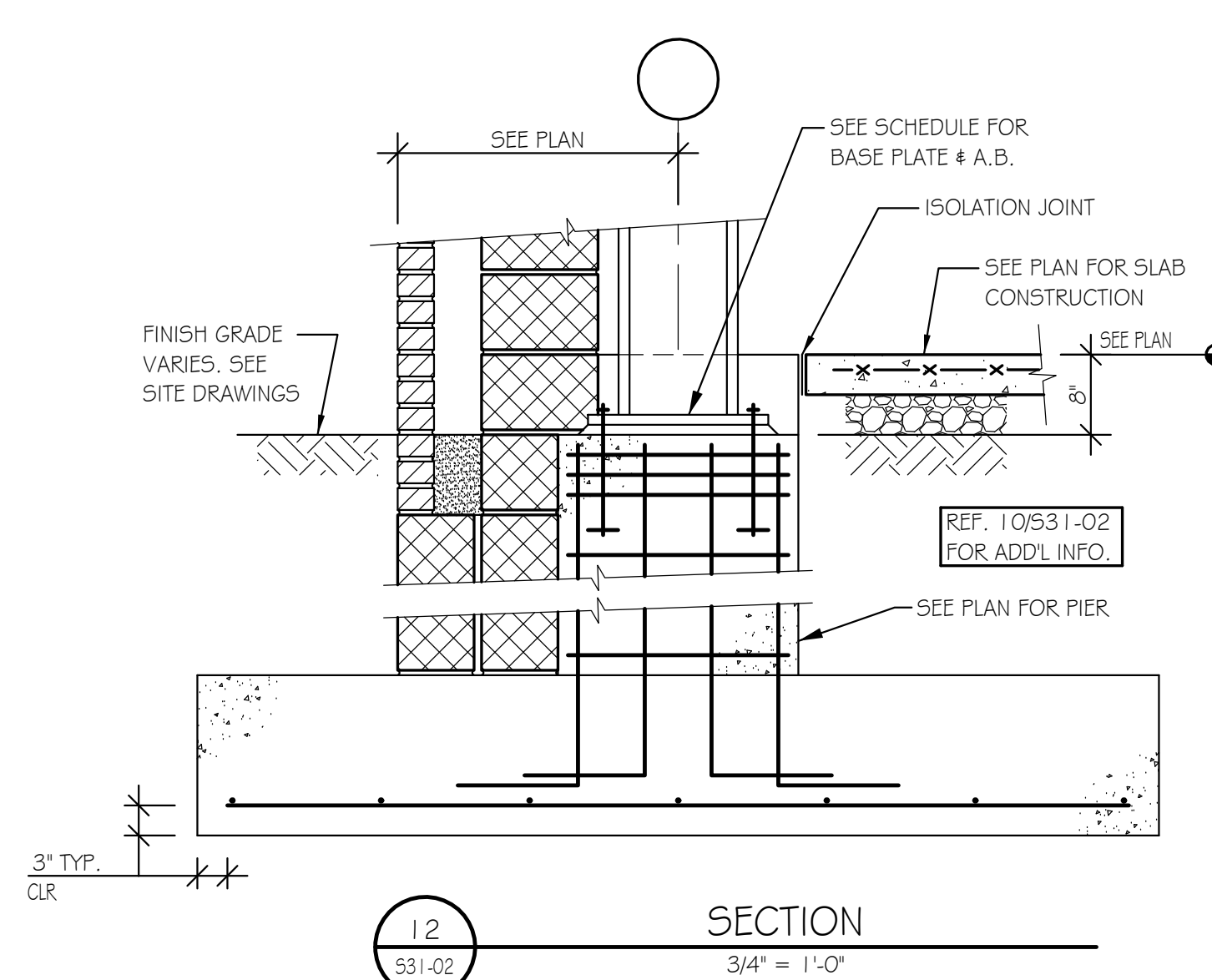
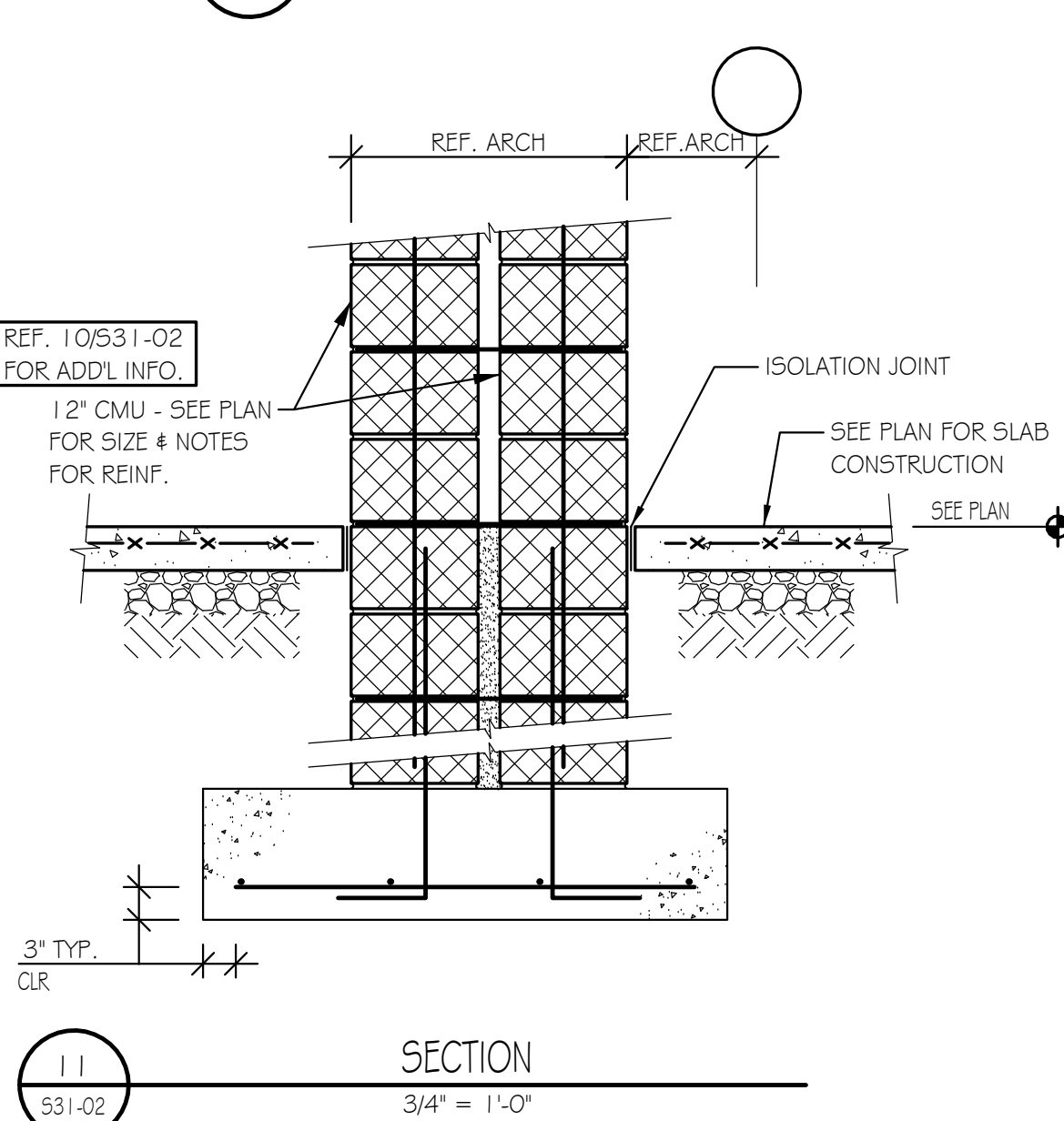
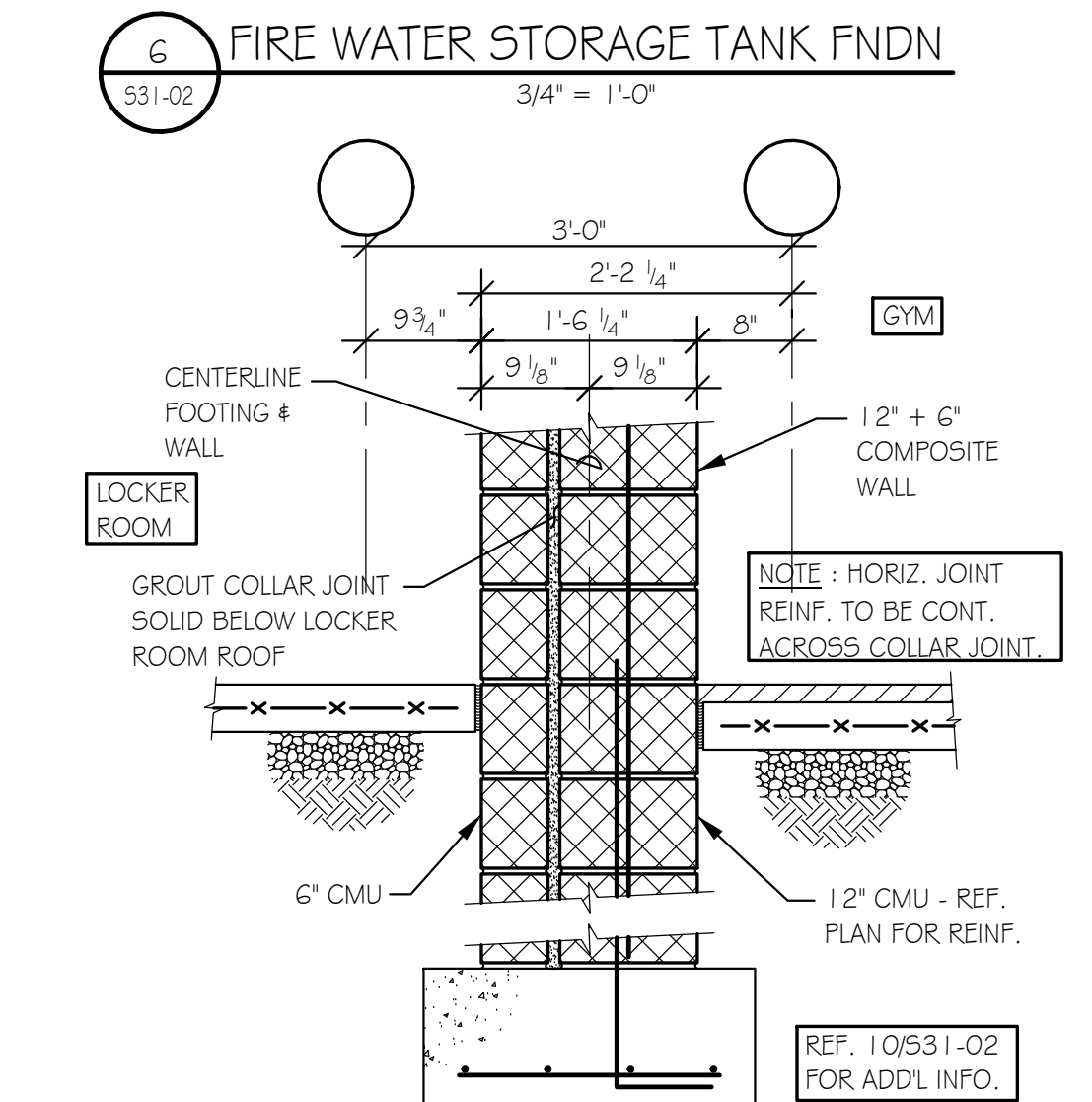
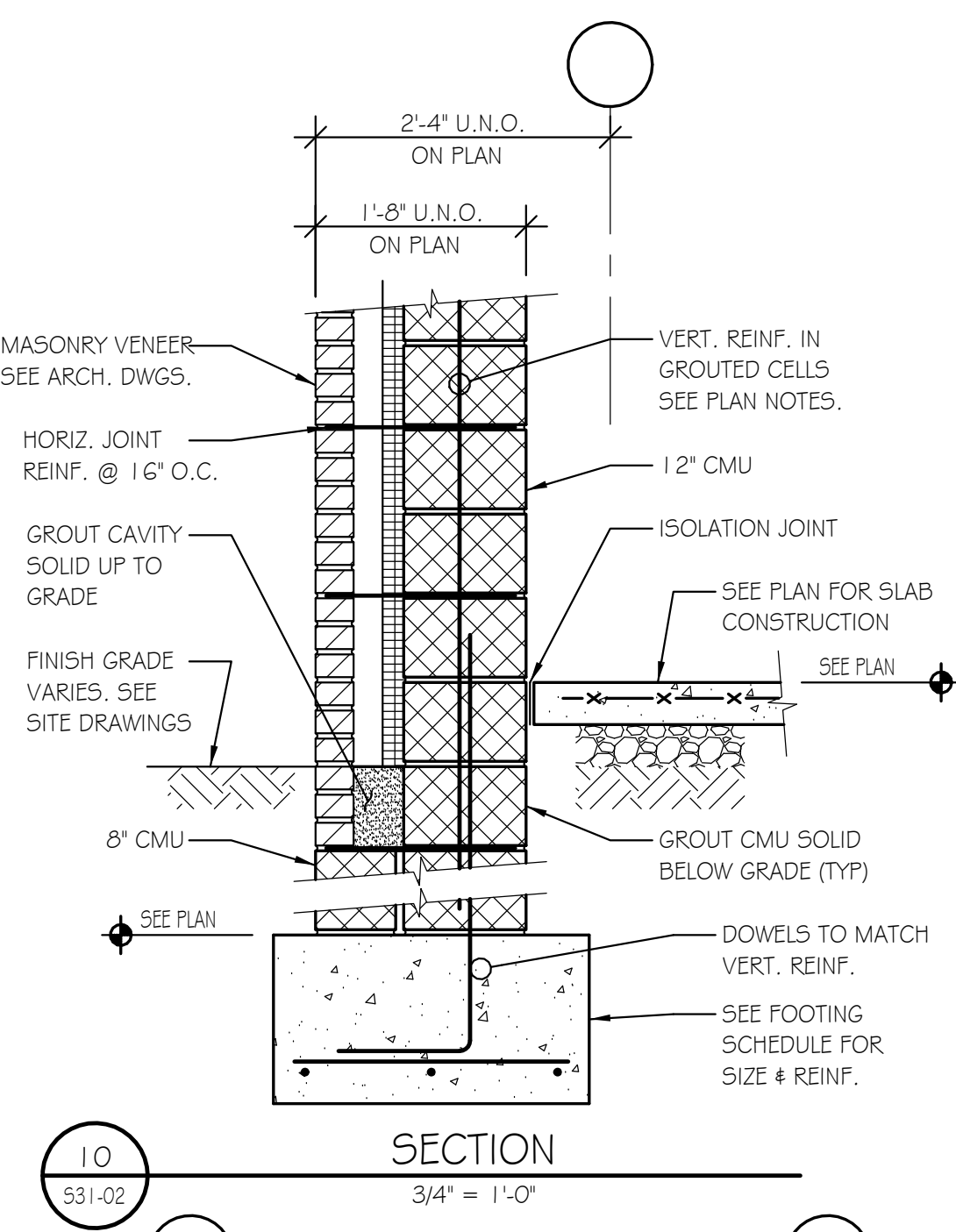
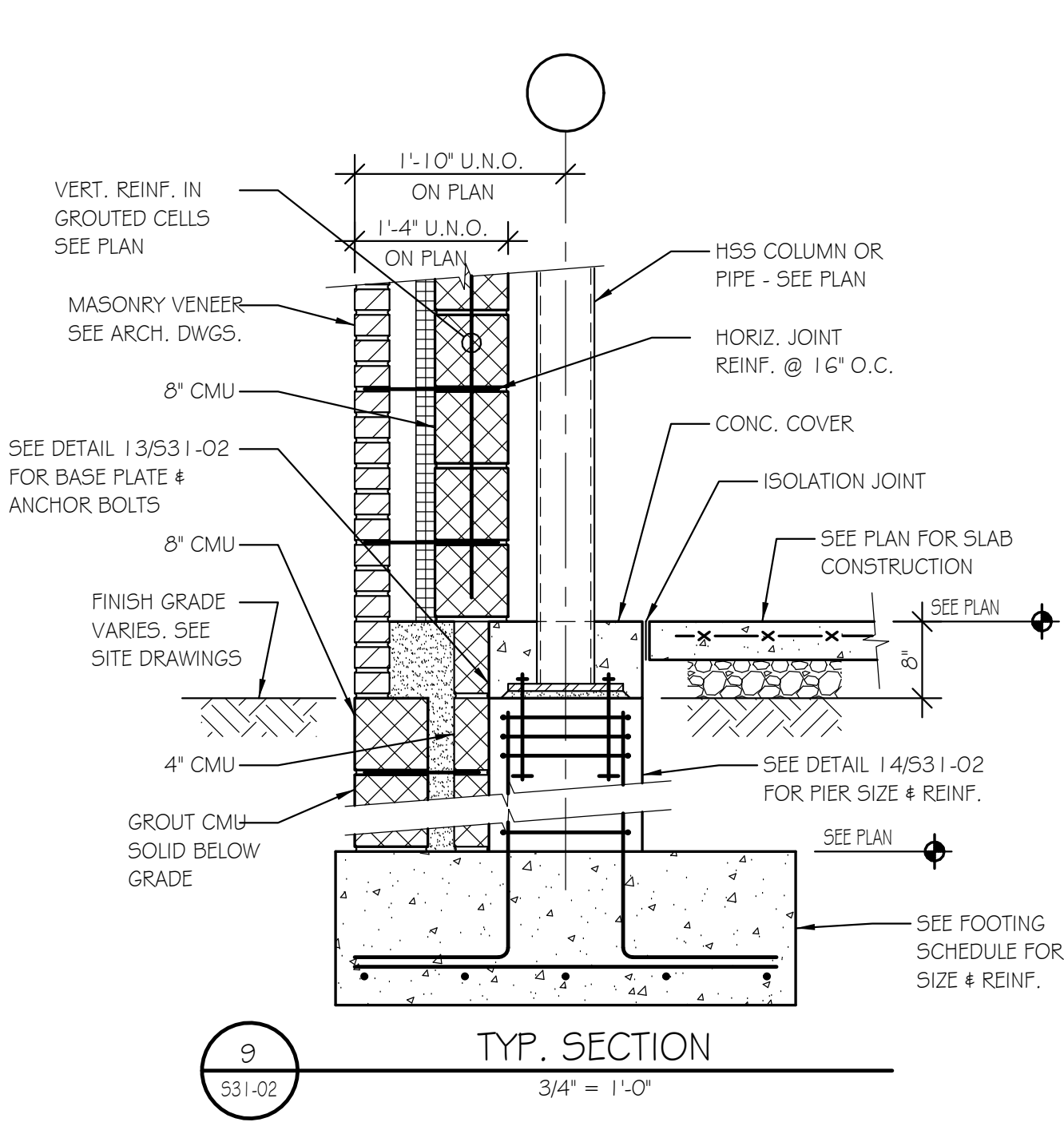
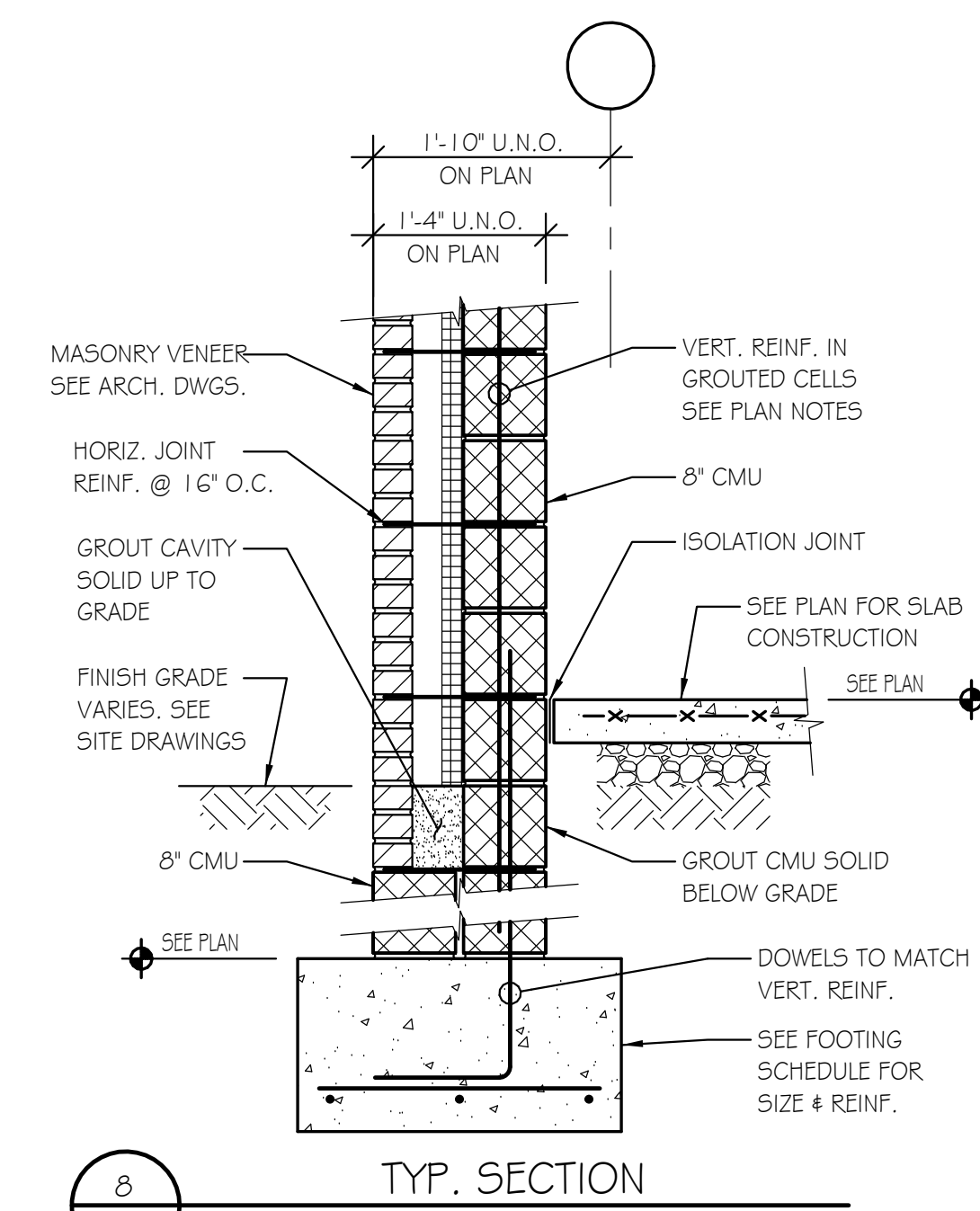
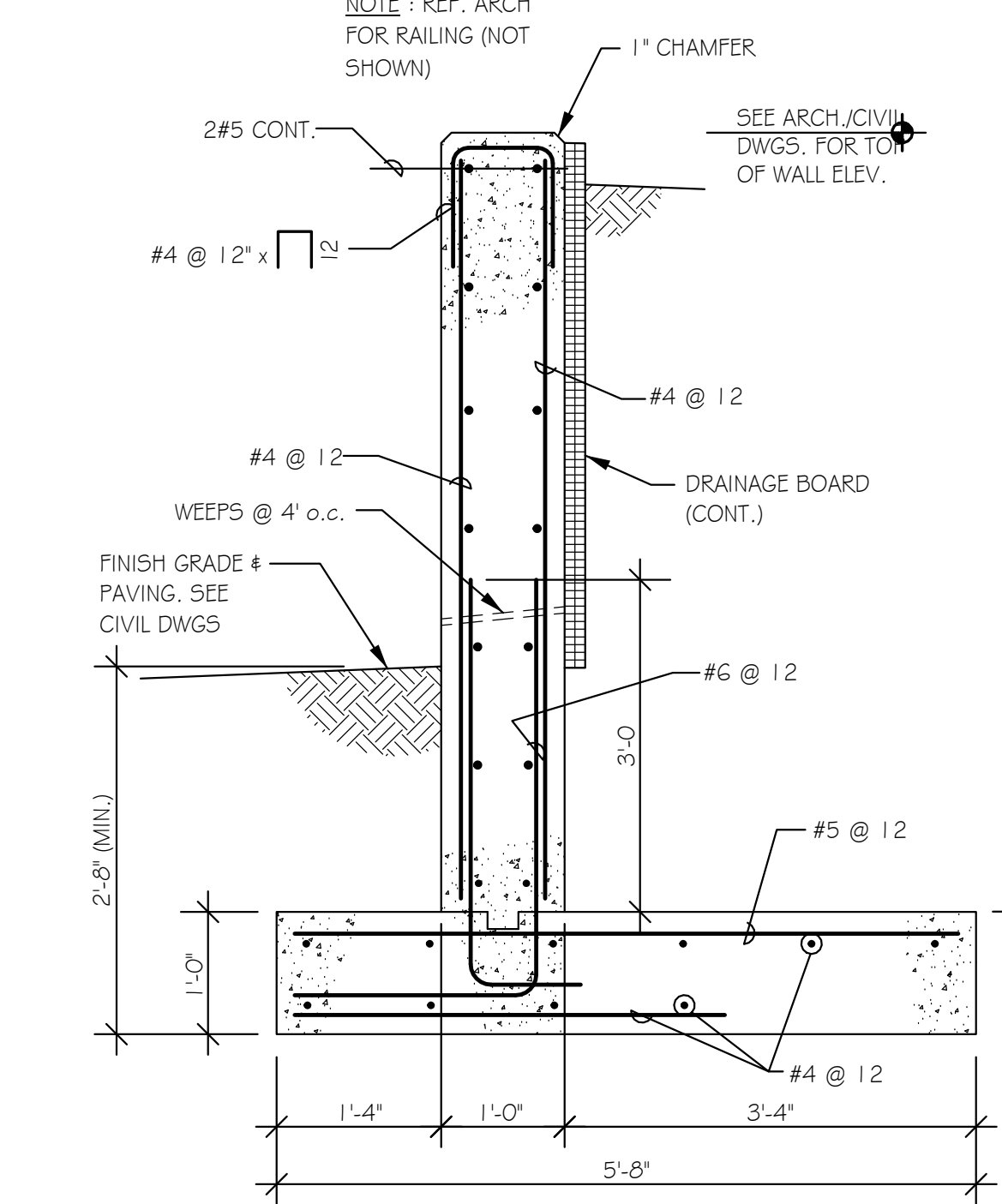
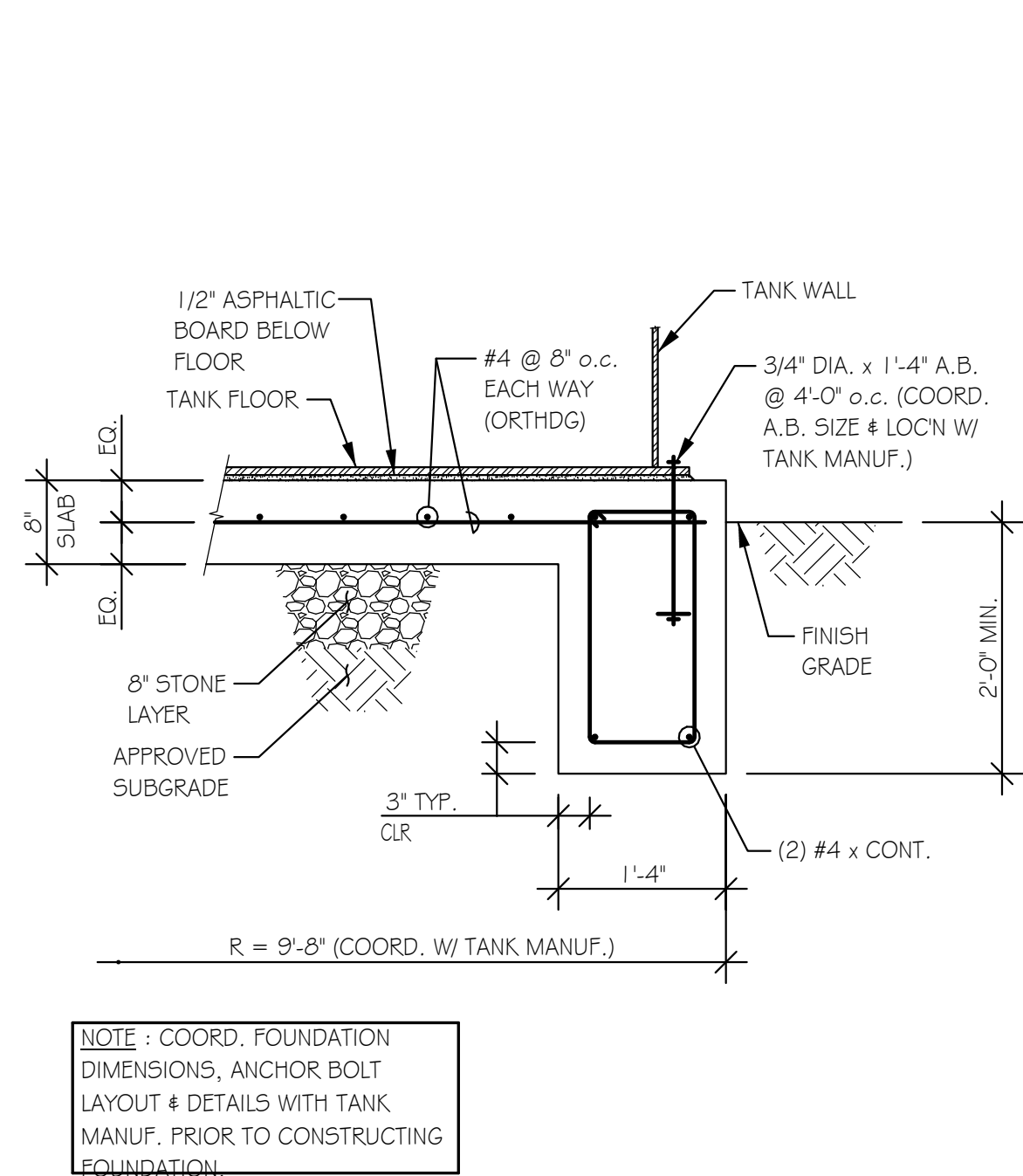
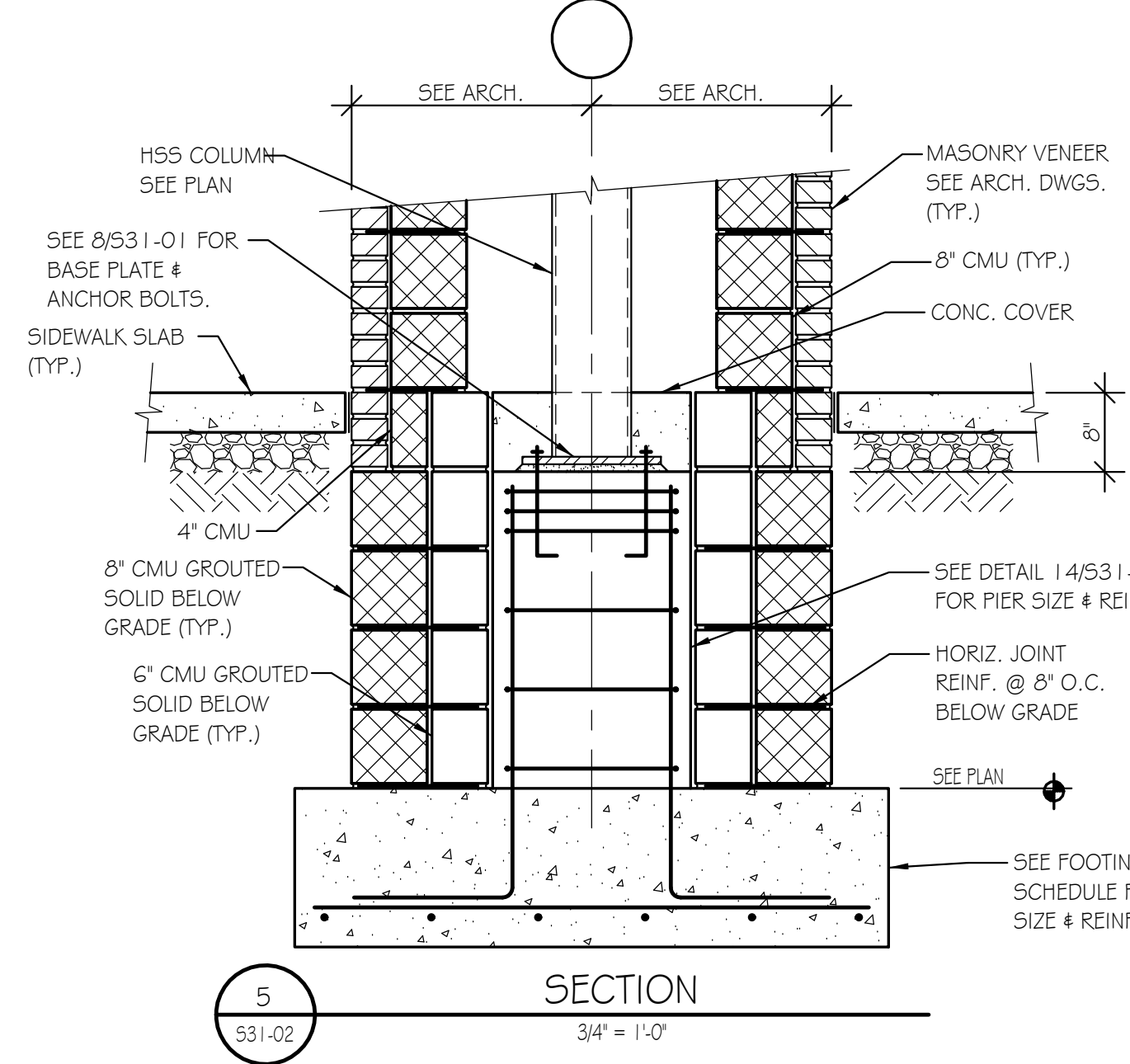
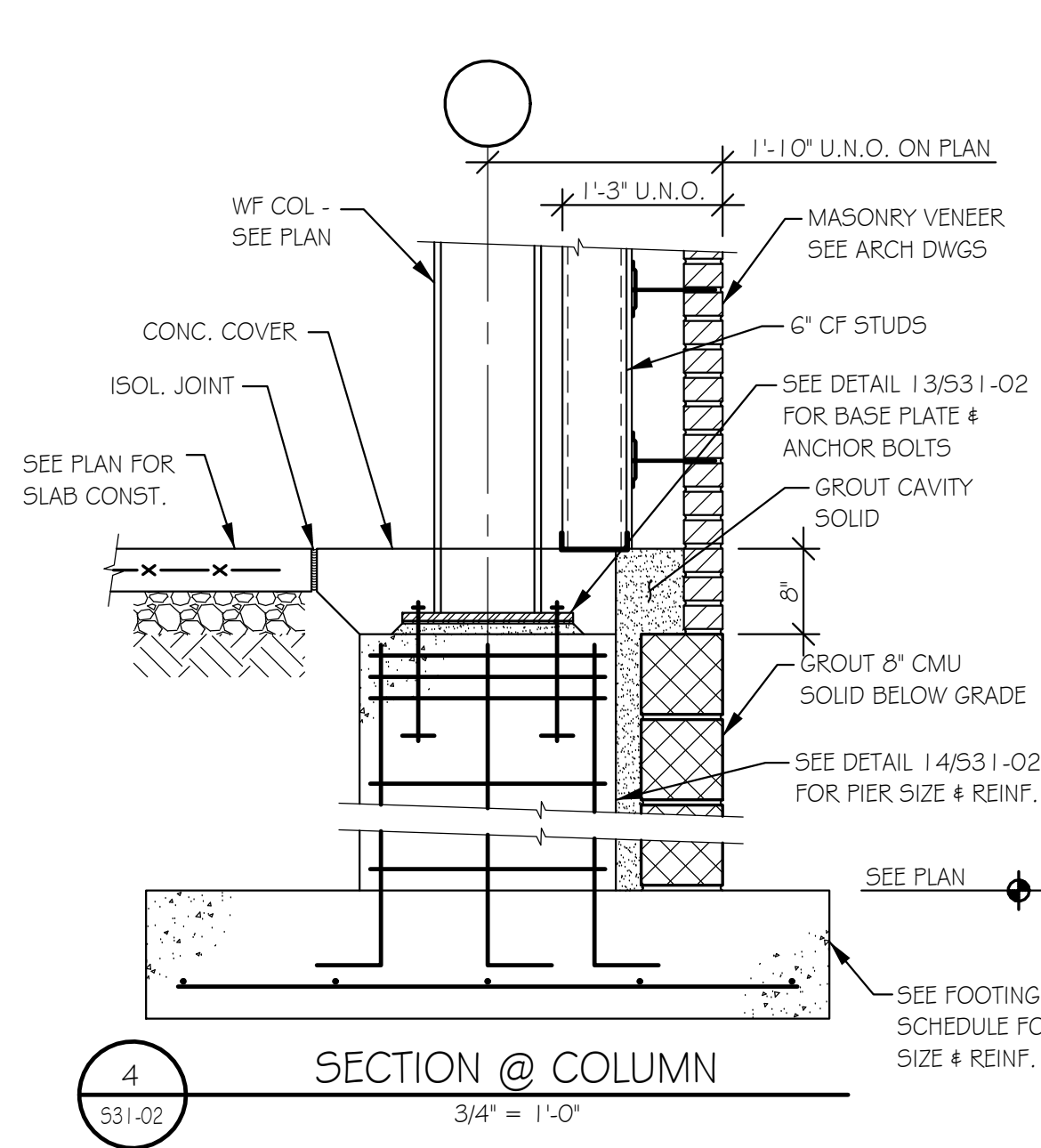
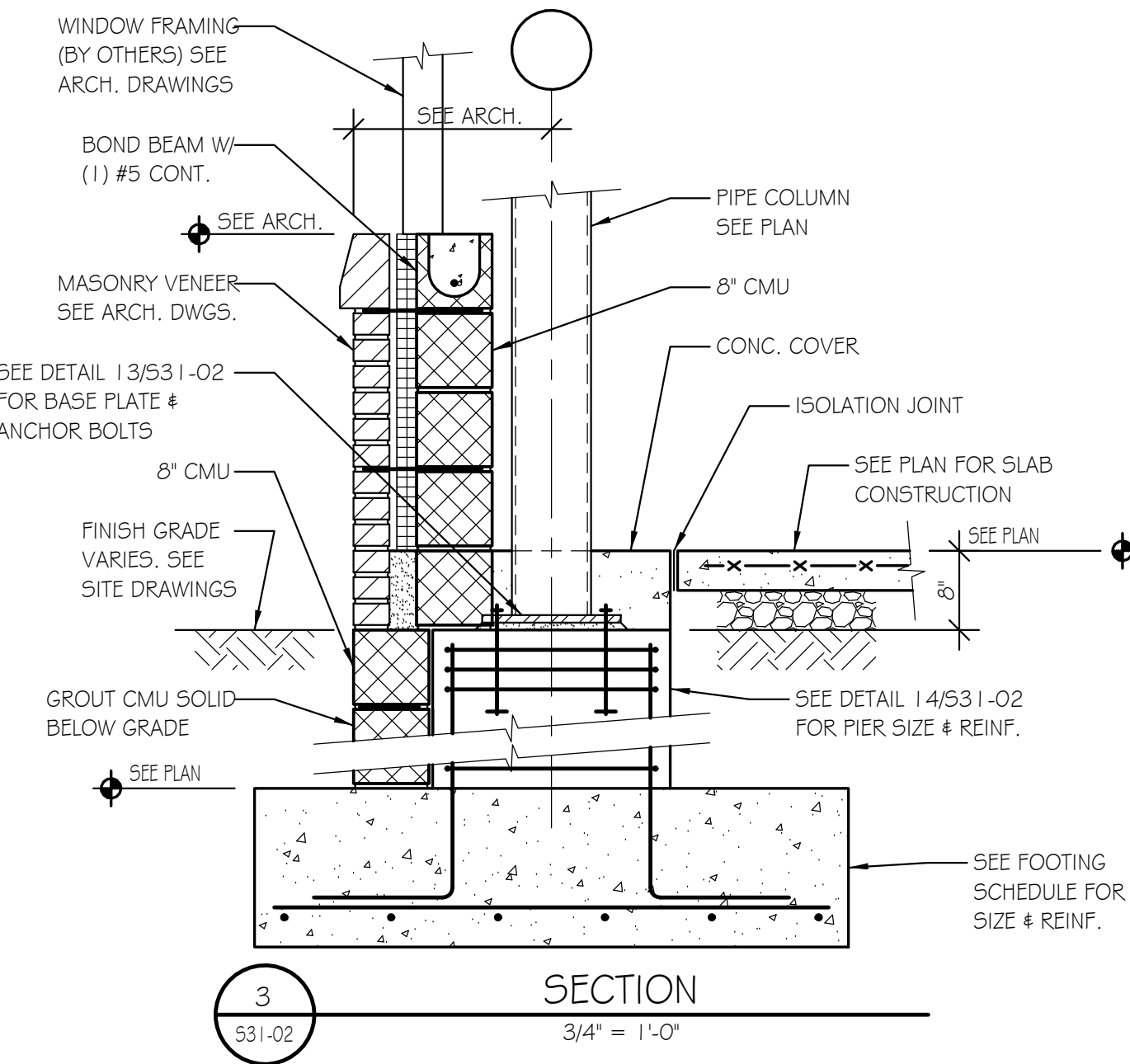
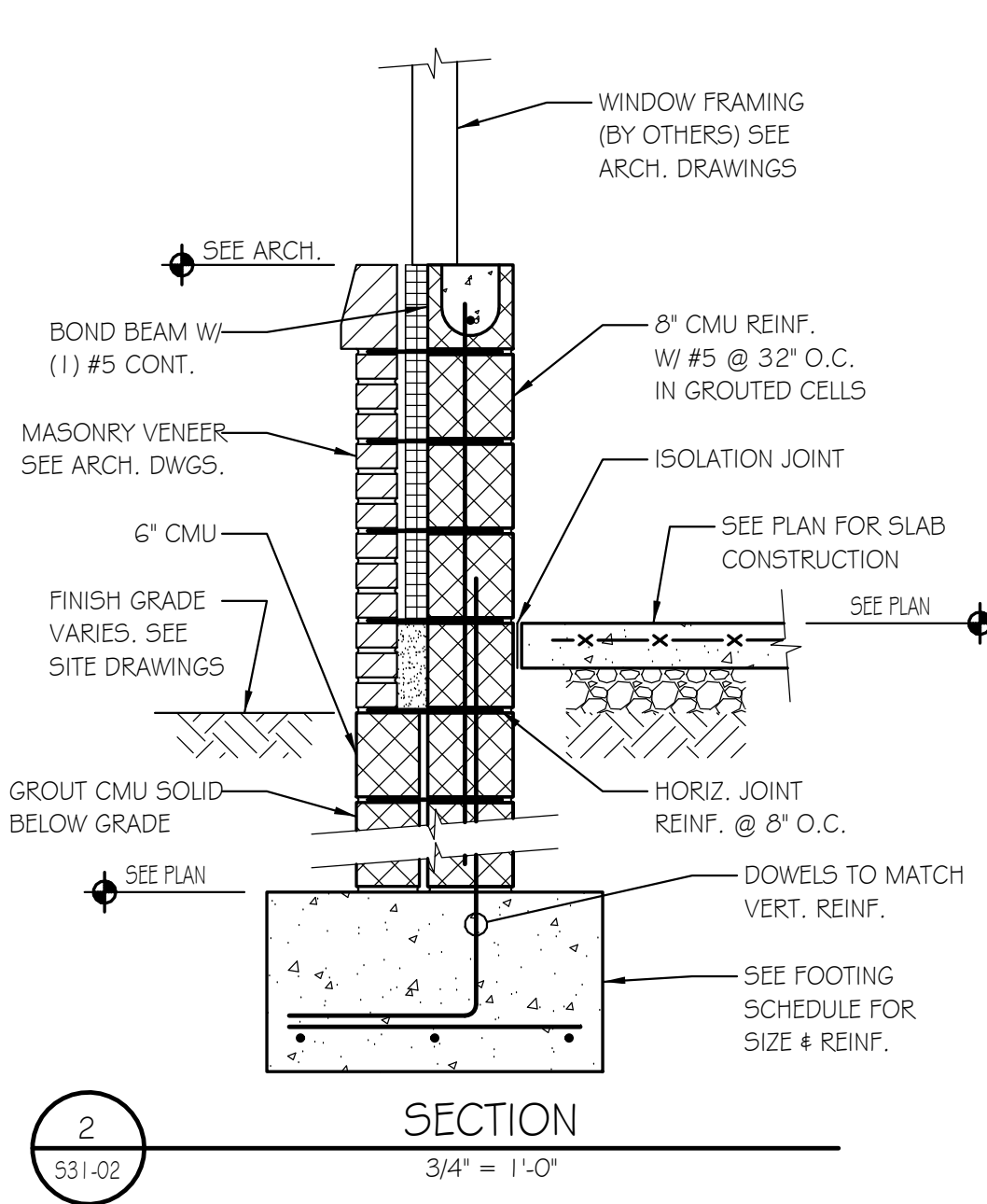
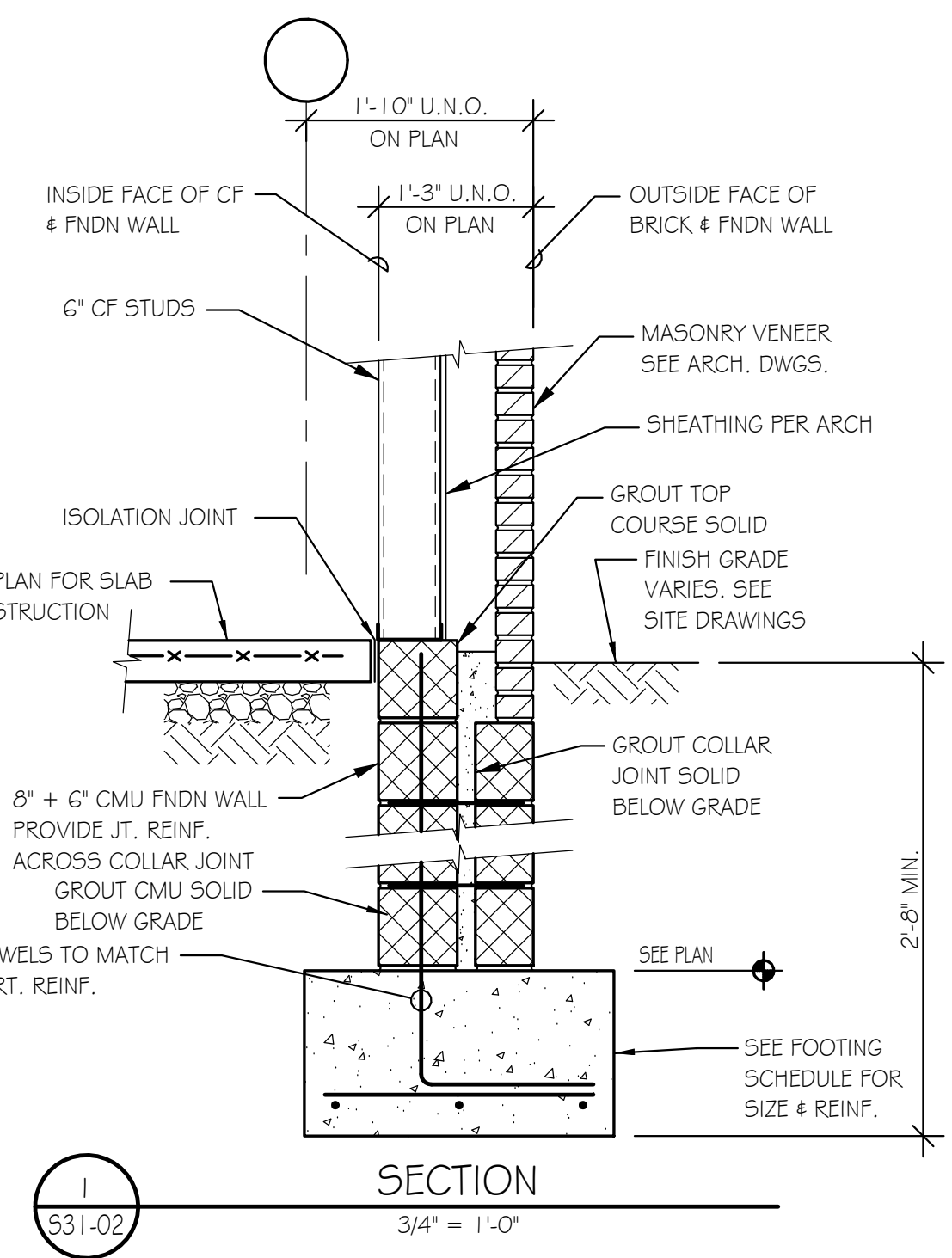
DRAWING TITLE:

TYPICAL FOUNDATION SECTIONS & DETAILS

DWN BY: AJC CHK BY: CJM PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER: S31-01

SCALE: 3/4" = 1'-0"



NOT USED

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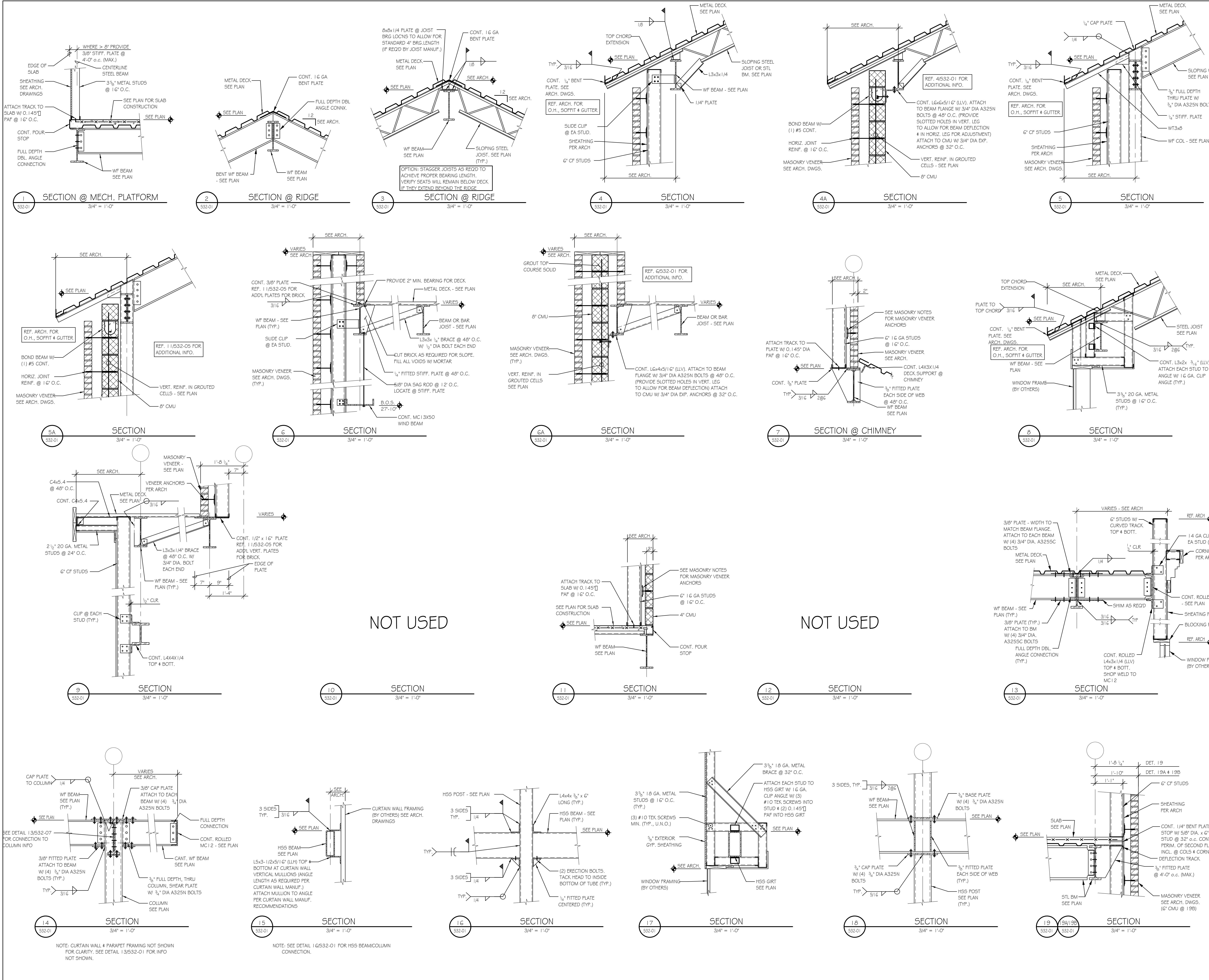
PROJECT

WOODBIDGE SCHOOL DISTRICT
WOODBIDGE HIGH SCHOOL
WOODBIDGE ROAD

DRAWING TITLE:

FOUNDATION SECTIONS

DWN BY: AJC	CHK BY: CUM	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER: S31-02	
SCALE: 3/4" = 1'-0"		



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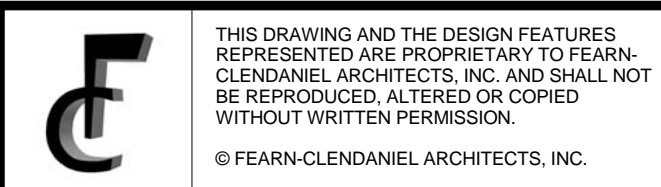
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PROJECT

WOODBIDGE SCHOOL DISTRICT
WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

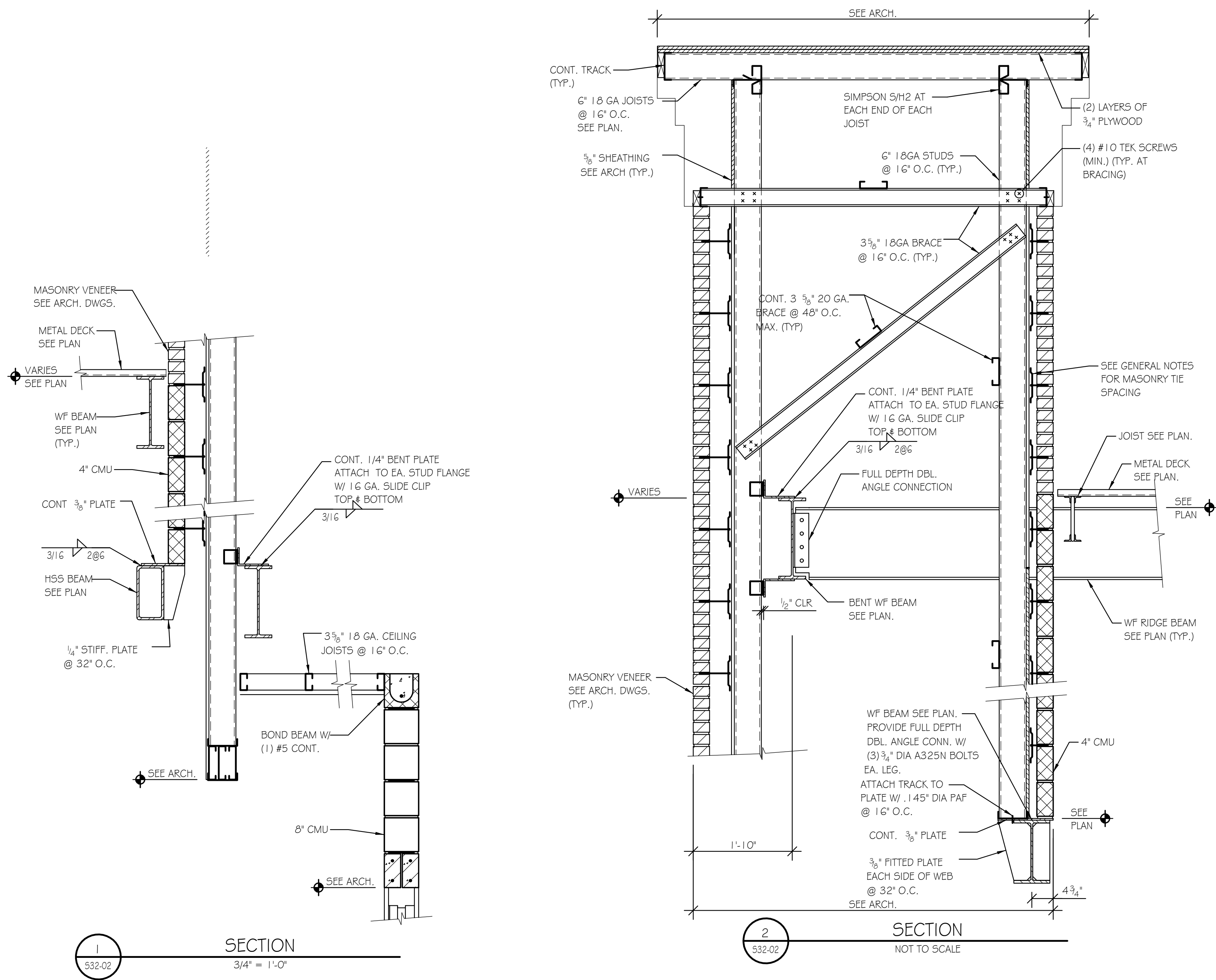
DRAWING TITLE:

FRAMING SECTIONS - AREA A, C & D

DWN BY: AJC CHK BY: JDM PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER: S32-01

SCALE: 3/4" = 1'-0"



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PROJECT

WOODBIDGE SCHOOL DISTRICT
WOODBIDGE HIGH SCHOOL
WOODBIDGE ROAD

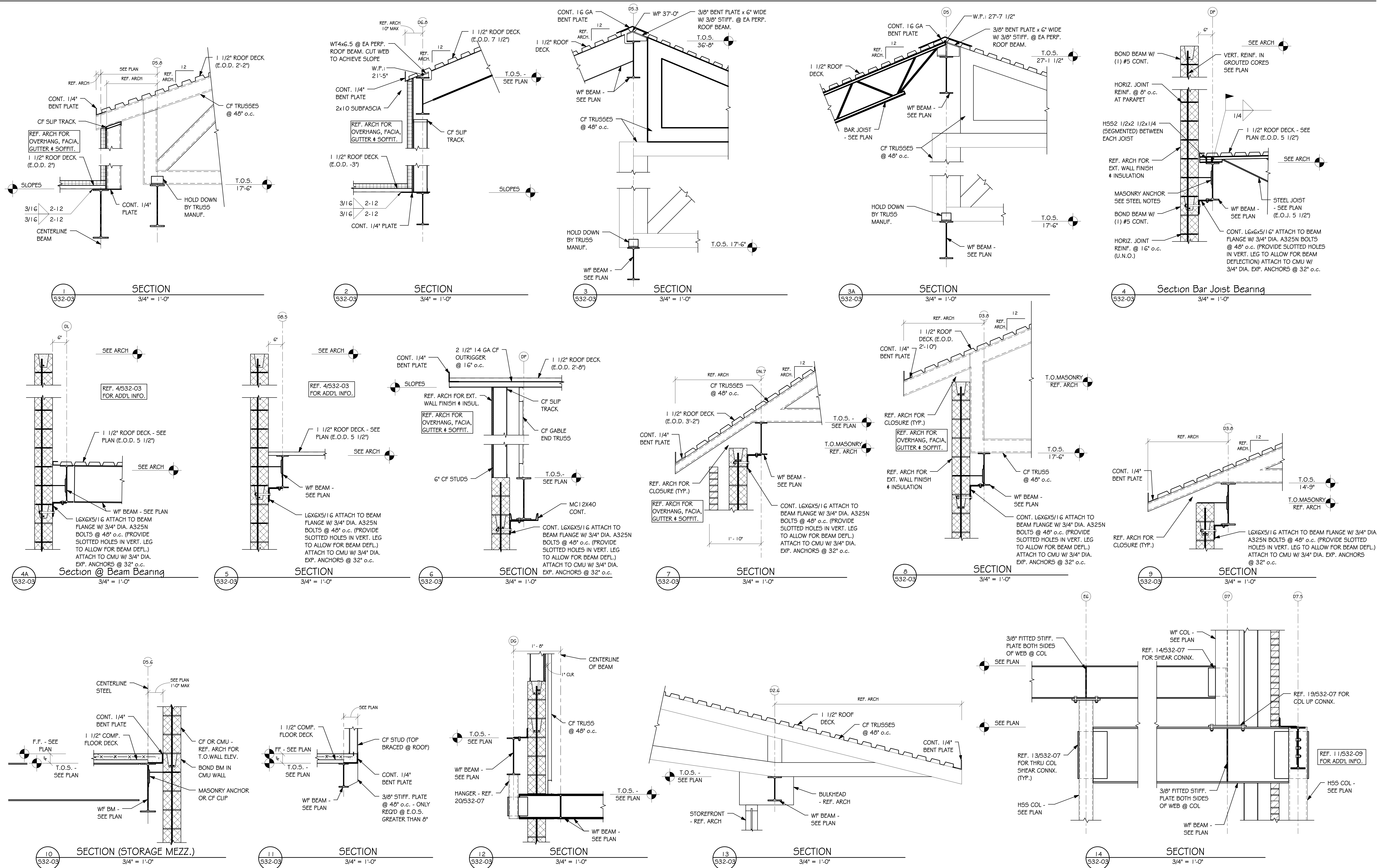
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FRAMING SECTIONS - AREA A, C & D

DWN BY: AJC CHK BY: JDM PROJ. NUMBER: D6932.00

DATE: 07-19-12 DRAWING NUMBER:

SCALE: 3/4" = 1'-0" S32-02



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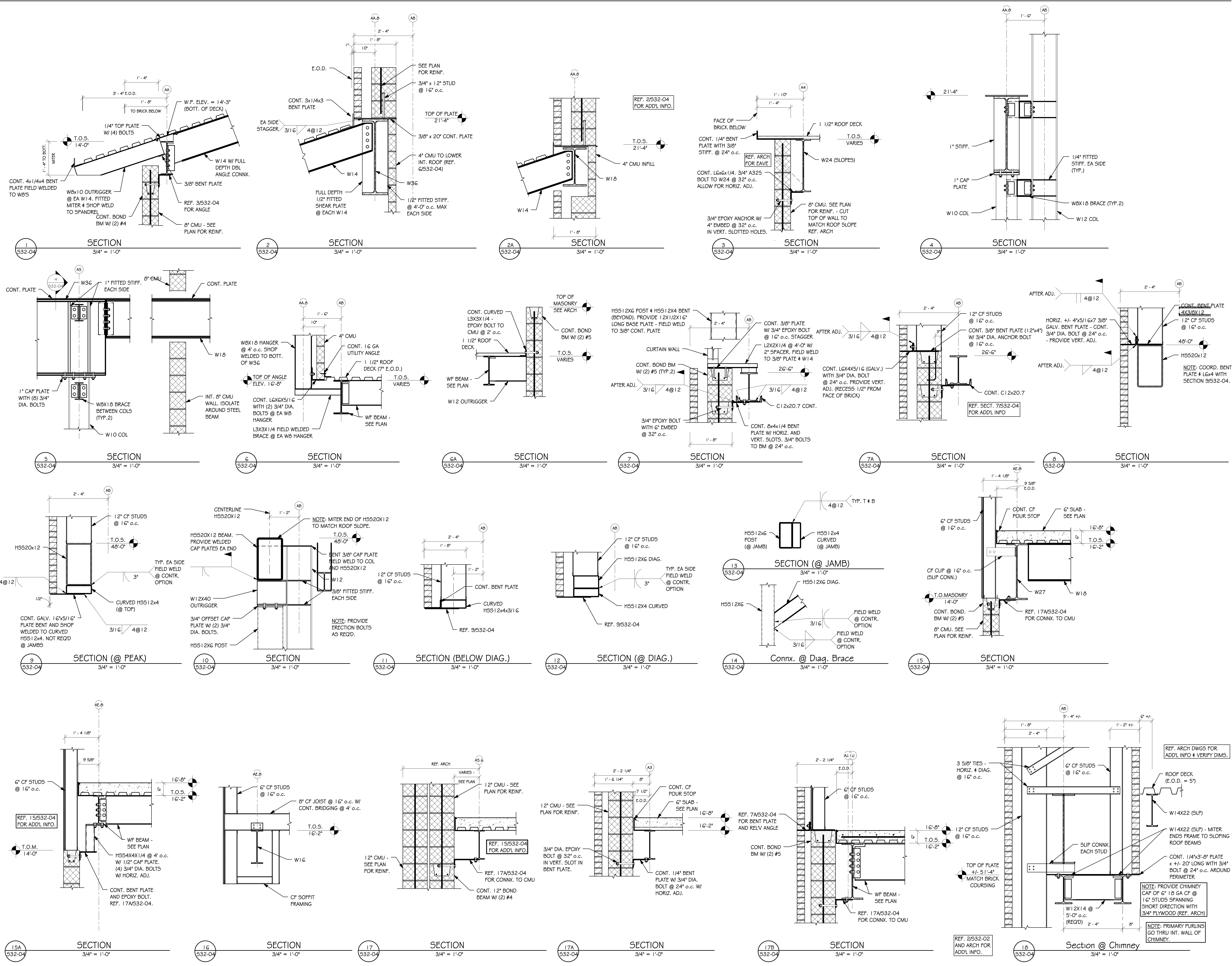
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PROJECT	
WOODBRIDGE SCHOOL DISTRICT	
WOODBRIDGE HIGH SCHOOL	
WOODBRIDGE ROAD	
DRAWING TITLE:	
FRAMING SECTIONS - AREA E & G	
DWN BY: AJC	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER: S32-03
SCALE: 3/4" = 1'-0"	



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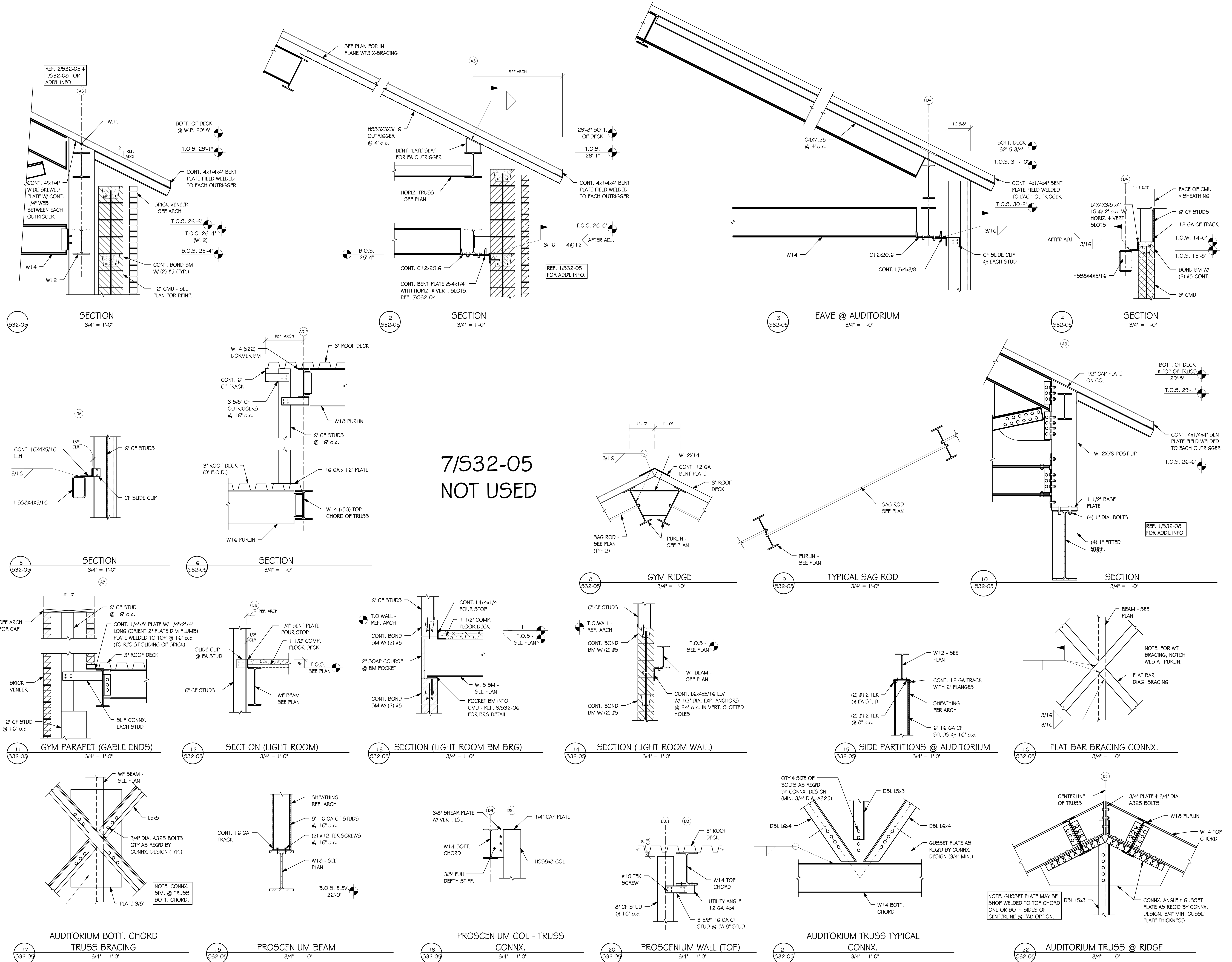
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4	ADDENDUM #2	07-19-12

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PROJECT		
WOODBRIDGE SCHOOL DISTRICT		
WOODBRIDGE HIGH SCHOOL		
WOODBRIDGE ROAD		
DRAWING TITLE:		
FRAMING SECTIONS - AREA B		
DWN BY: AJC	CHK BY: API	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER: S32-04	
SCALE: 3/4" = 1'-0"		



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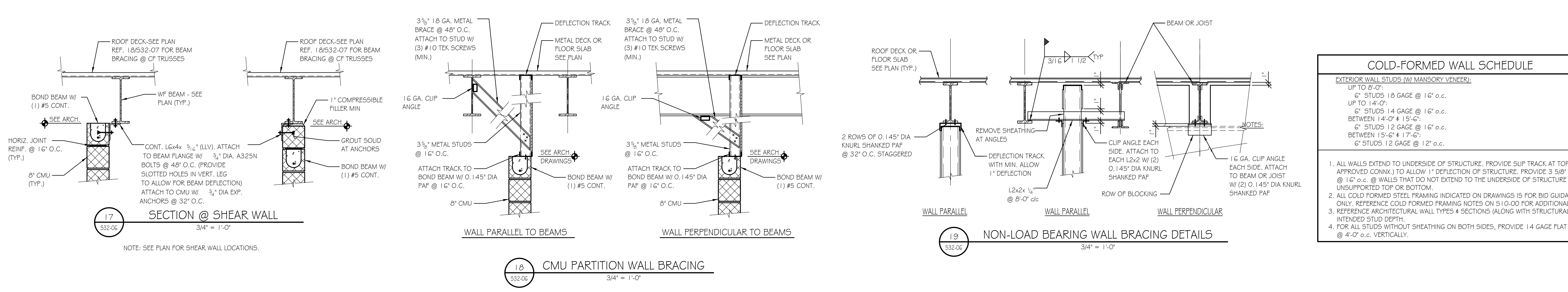
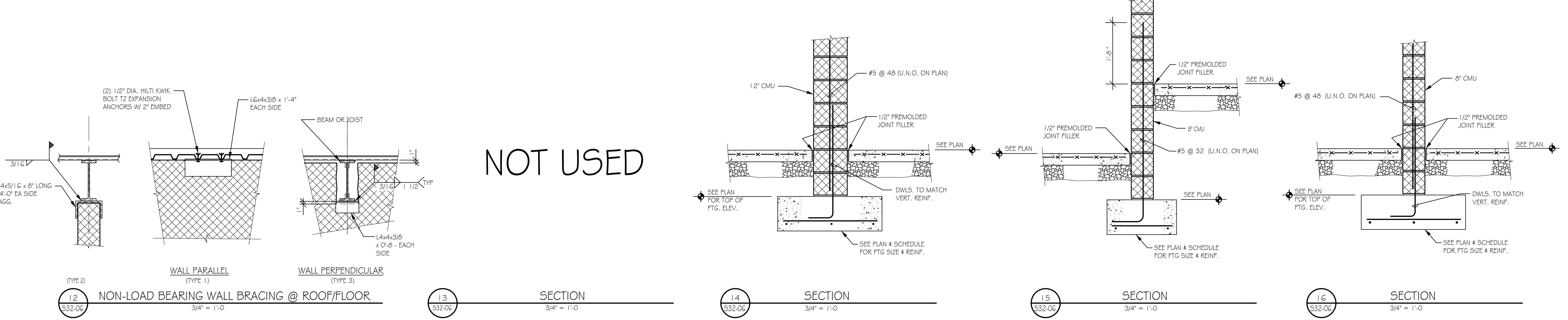
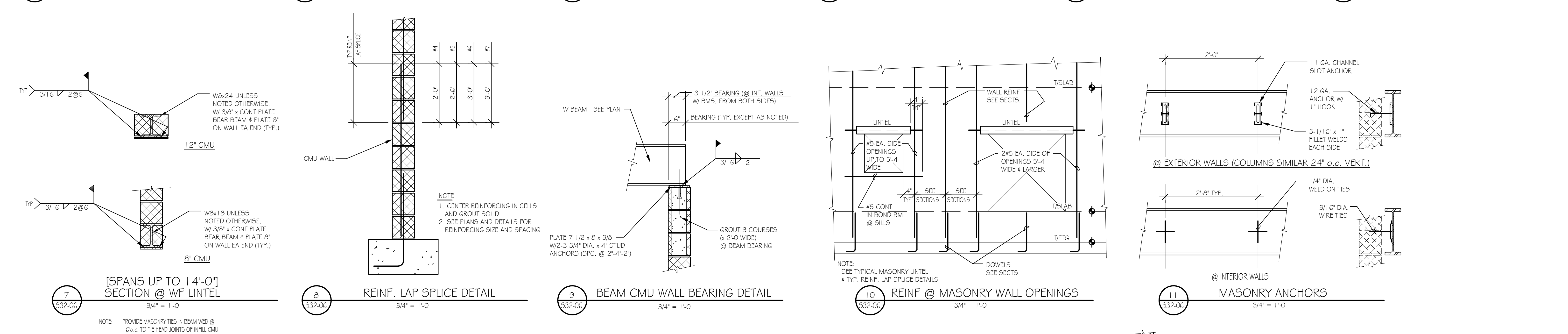
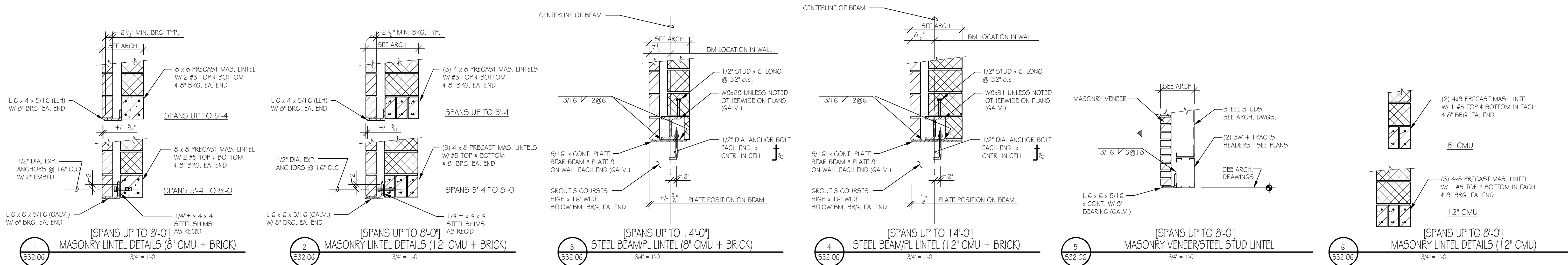
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PROJECT	
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WOODBRIDGE HIGH SCHOOL	
WOODBRIDGE ROAD	
DRAWING TITLE:	
FRAMING SECTIONS - AREA B & F	
DWN BY: AJC	CHK BY: API
DATE: 07-19-12	PROJ. NUMBER: D6932.00
SCALE: 3/4" = 1'-0"	DRAWING NUMBER: S32-05



COLD-FORMED WALL SCHEDULE	
EXTERIOR WALL STUDS (W/ MANSORY VENEER):	
UP TO 8'-0":	6" STUDS 18 GAGE @ 16" o.c.
UP TO 14'-0":	6" STUDS 14 GAGE @ 16" o.c.
BETWEEN 14'-0" & 15'-0":	6" STUDS 12 GAGE @ 16" o.c.
BETWEEN 15'-0" & 17'-0":	6" STUDS 12 GAGE @ 12" o.c.
BETWEEN 17'-0" & 19'-0":	6" STUDS 12 GAGE @ 12" o.c.

NOTES:

- ALL WALLS EXTEND TO UNDERSIDE OF STRUCTURE. PROVIDE SUP TRACK AT TOP (OR OTHER APPROVED CONN.) TO ALLOW 1" DEFLECTION OF STRUCTURE. PROVIDE 3/8" 16 GAGE KICKERS @ 16" o.c. @ WALLS THAT DO NOT EXTEND TO THE UNDERSIDE OF STRUCTURE OR HAVE AN UNSUPPORTED TOP OR BOTTOM.
- ALL COLD FORMED STEEL FRAMING INDICATED ON DRAWINGS IS FOR BID GUIDANCE PURPOSES ONLY. REFERENCE COLD FORMED FRAMING NOTES ON S10-00 FOR ADDITIONAL INFORMATION.
- REFERENCE ARCHITECTURAL WALL TYPES & SECTIONS (ALONG WITH STRUCTURAL SECTIONS) FOR INTENDED STUD DEPTH.
- FOR ALL STUDS WITHOUT SHEATHING ON BOTH SIDES, PROVIDE 14 GAGE PLAT STRAPS SPACED @ 4'-0" o.c. VERTICALLY.

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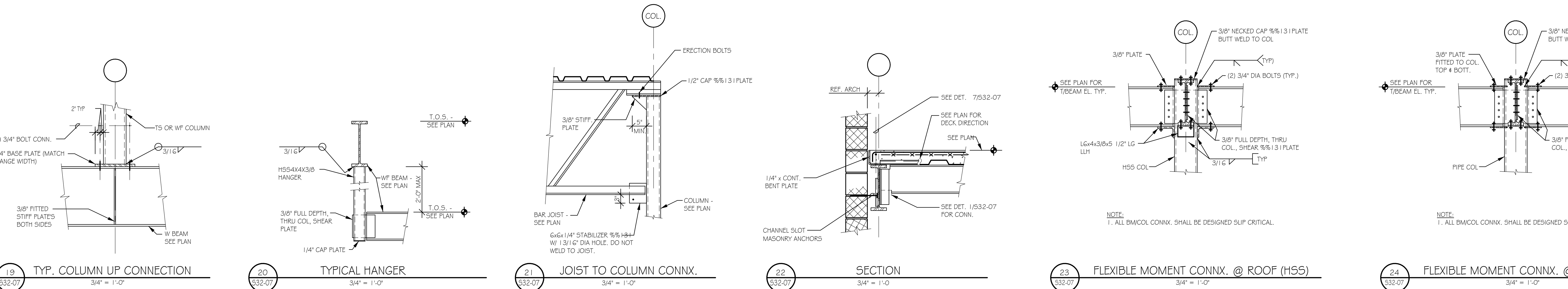
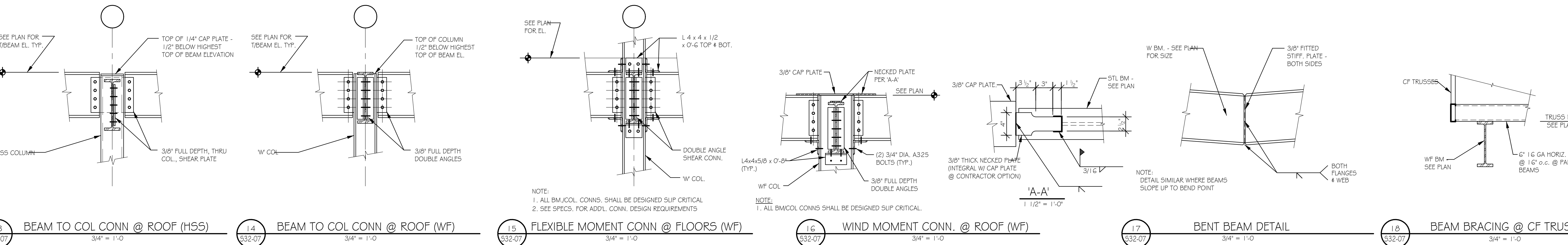
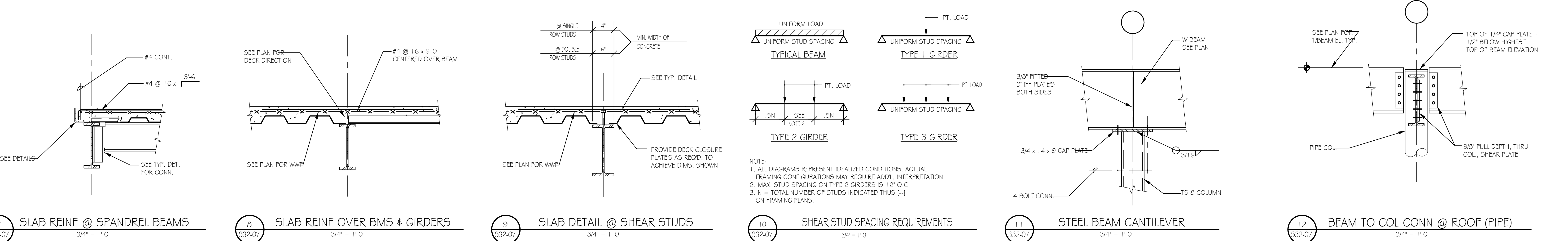
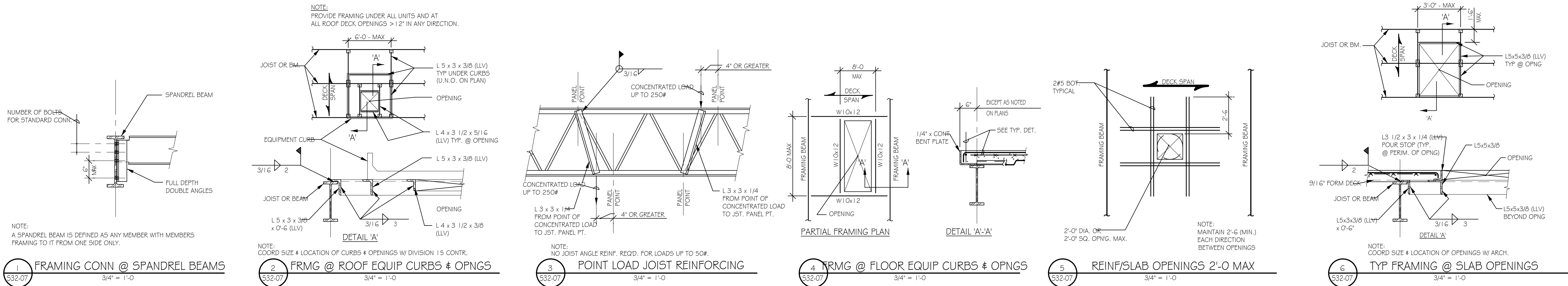
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2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT	
WOODBRIDGE SCHOOL DISTRICT	
WOODBRIDGE HIGH SCHOOL	
WOODBRIDGE ROAD	
DRAWING TITLE:	
TYPICAL MASONRY & COLD FORM SECTIONS & DETAILS	
DWN BY: AJC	CHK BY: API
DATE: 07-19-12	PROJ. NUMBER: D6932.00
SCALE: 3/4" = 1'-0"	DRAWING NUMBER: S32-06



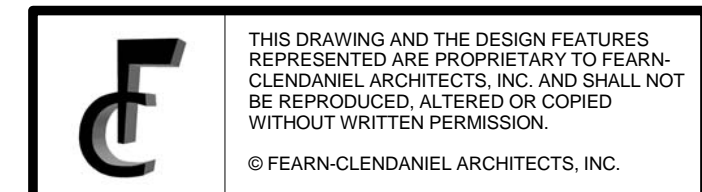
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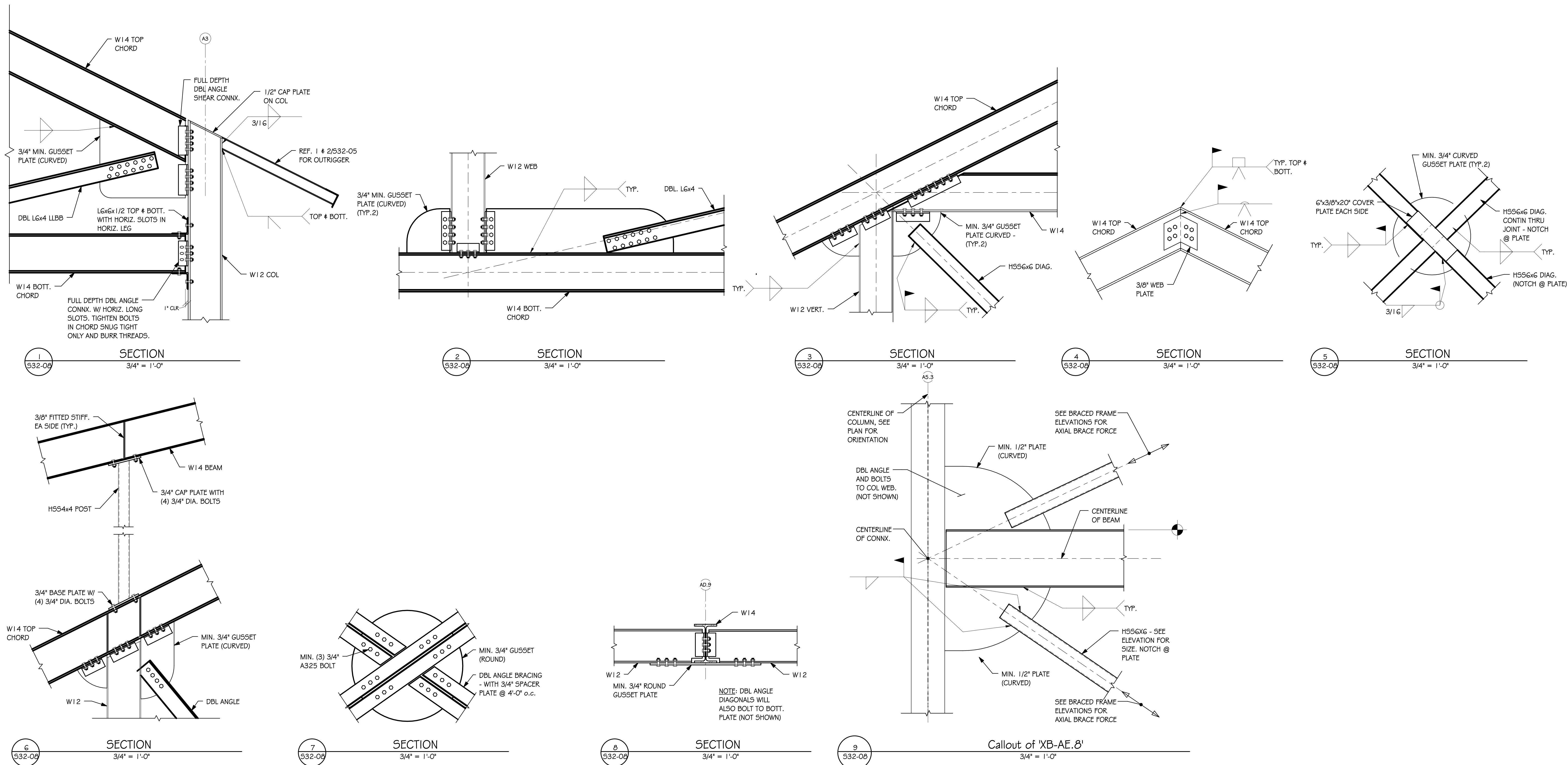
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ISSUE DATES:		
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT		
WOODBRIDGE SCHOOL DISTRICT		
WOODBRIDGE HIGH SCHOOL		
WOODBRIDGE ROAD		
DRAWING TITLE:		
TYPICAL FRAMING SECTIONS & DETAILS		
DWN BY:	CHK BY:	PROJ. NUMBER:
AJC	API	D6932.00
DATE:	DRAWING NUMBER:	
07-19-12	S32-07	
SCALE:	3/4" = 1'-0"	



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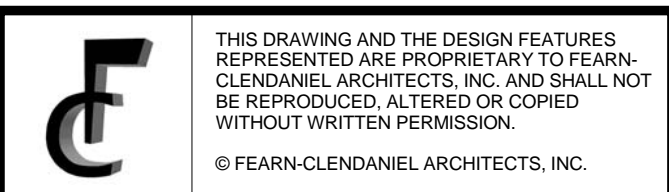
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ISSUE DATES:

1	100% DD Drawings (not for construction)	3-28-12
2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

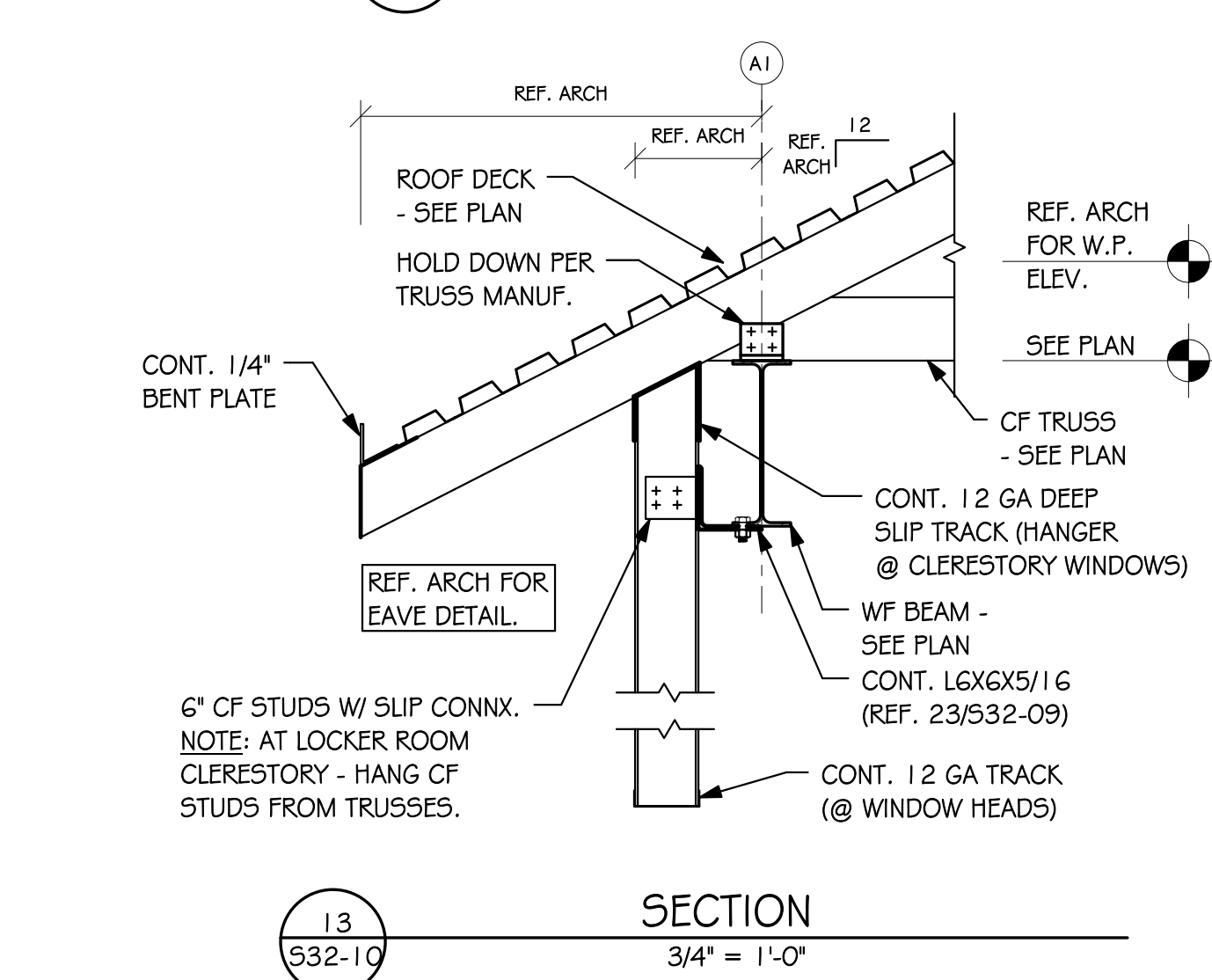
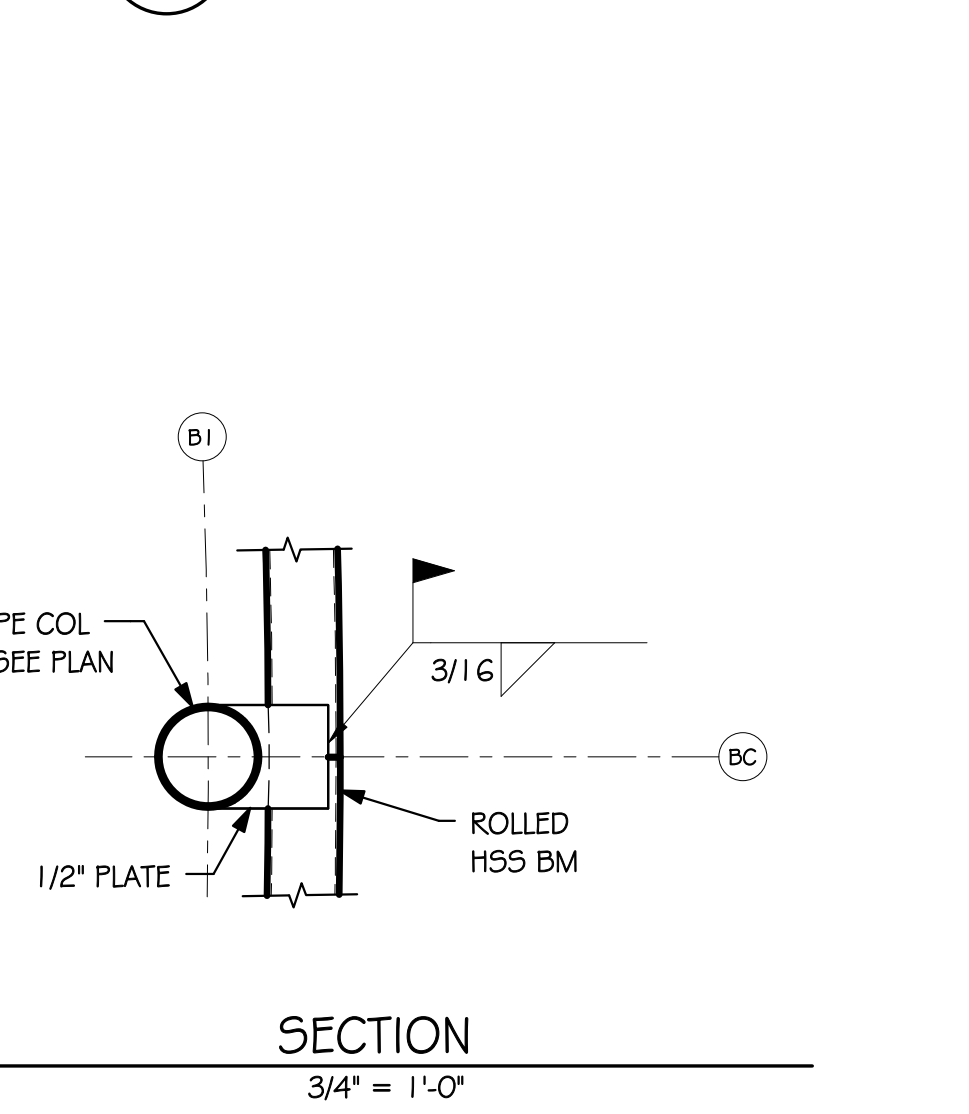
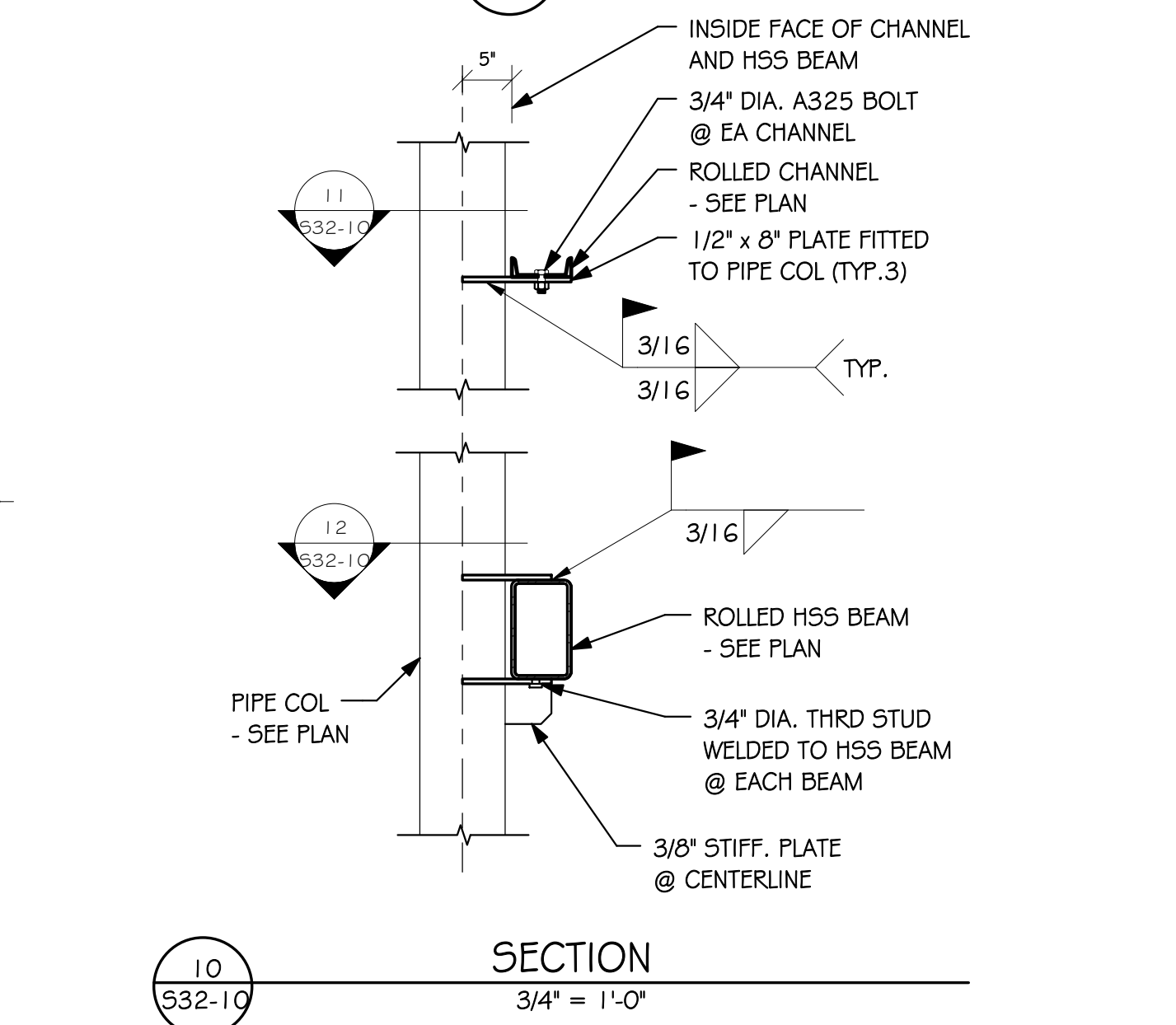
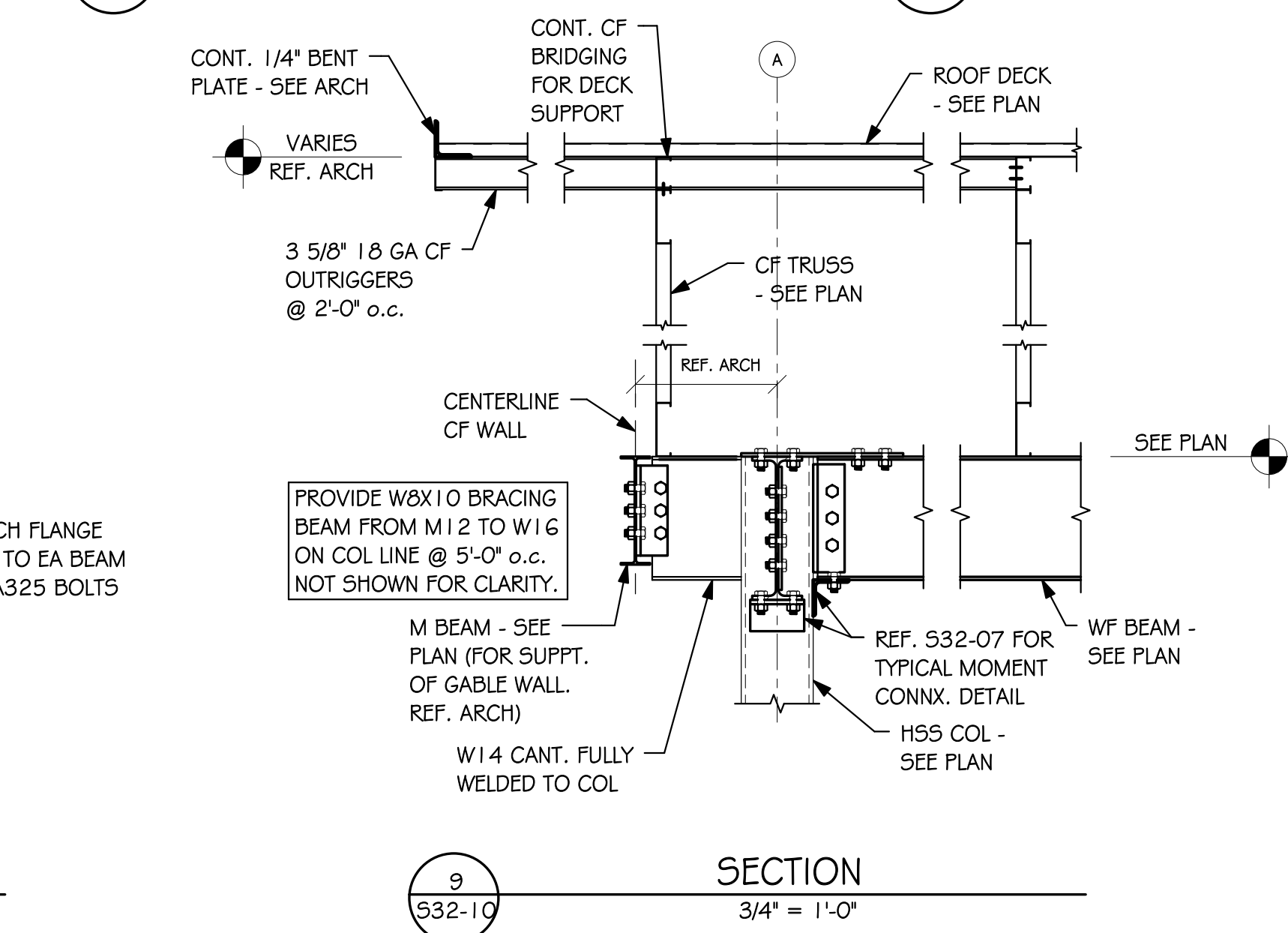
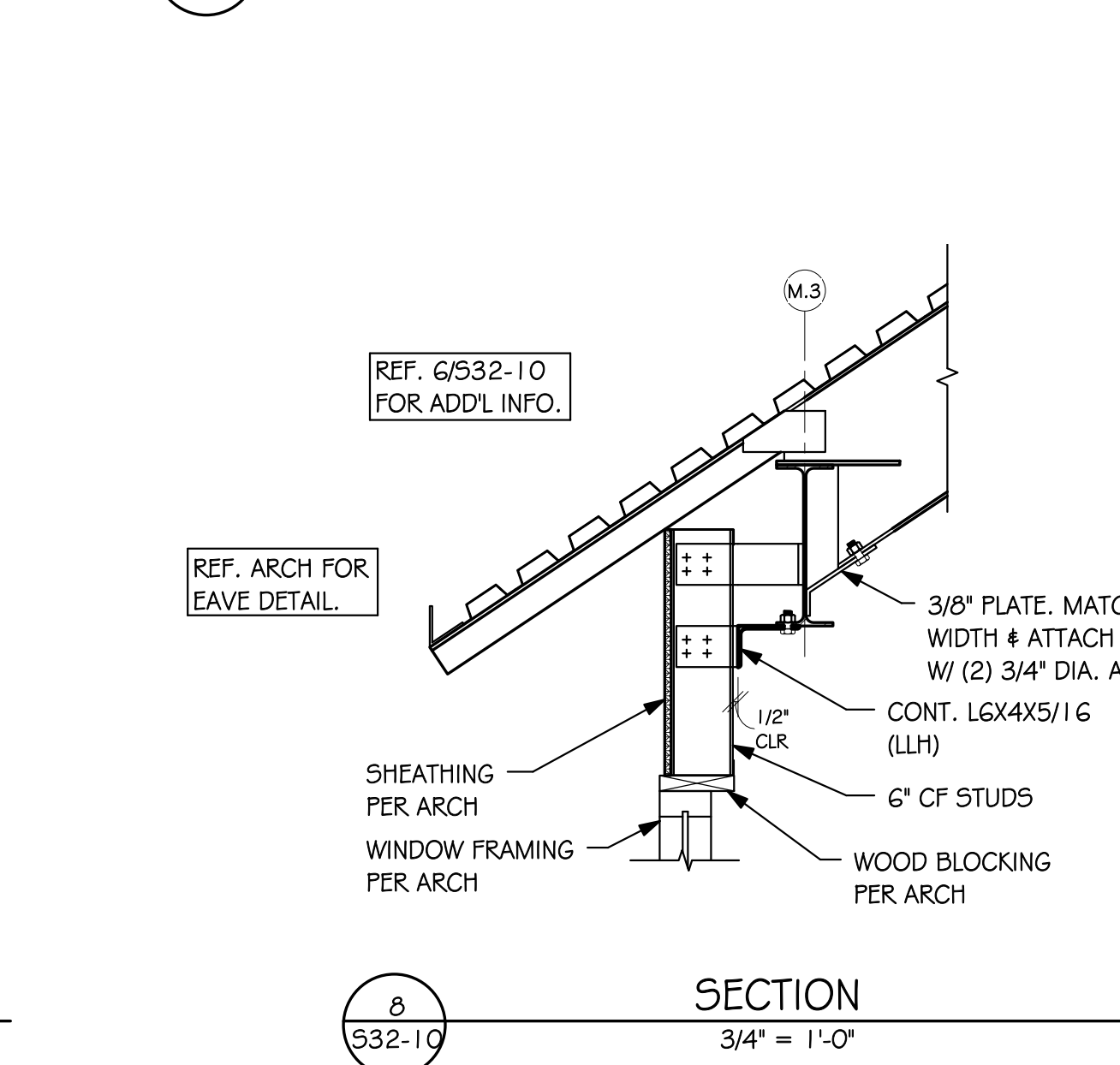
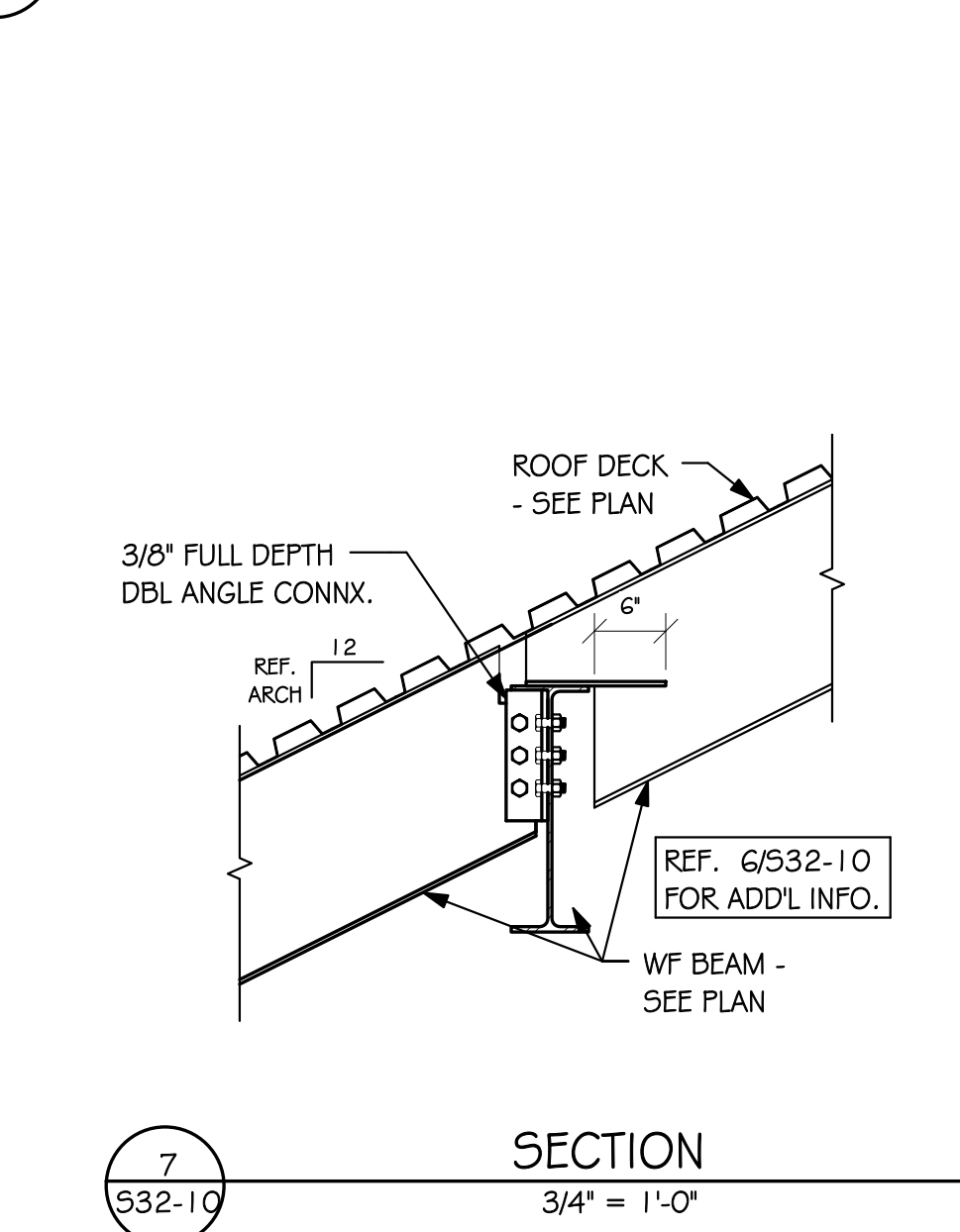
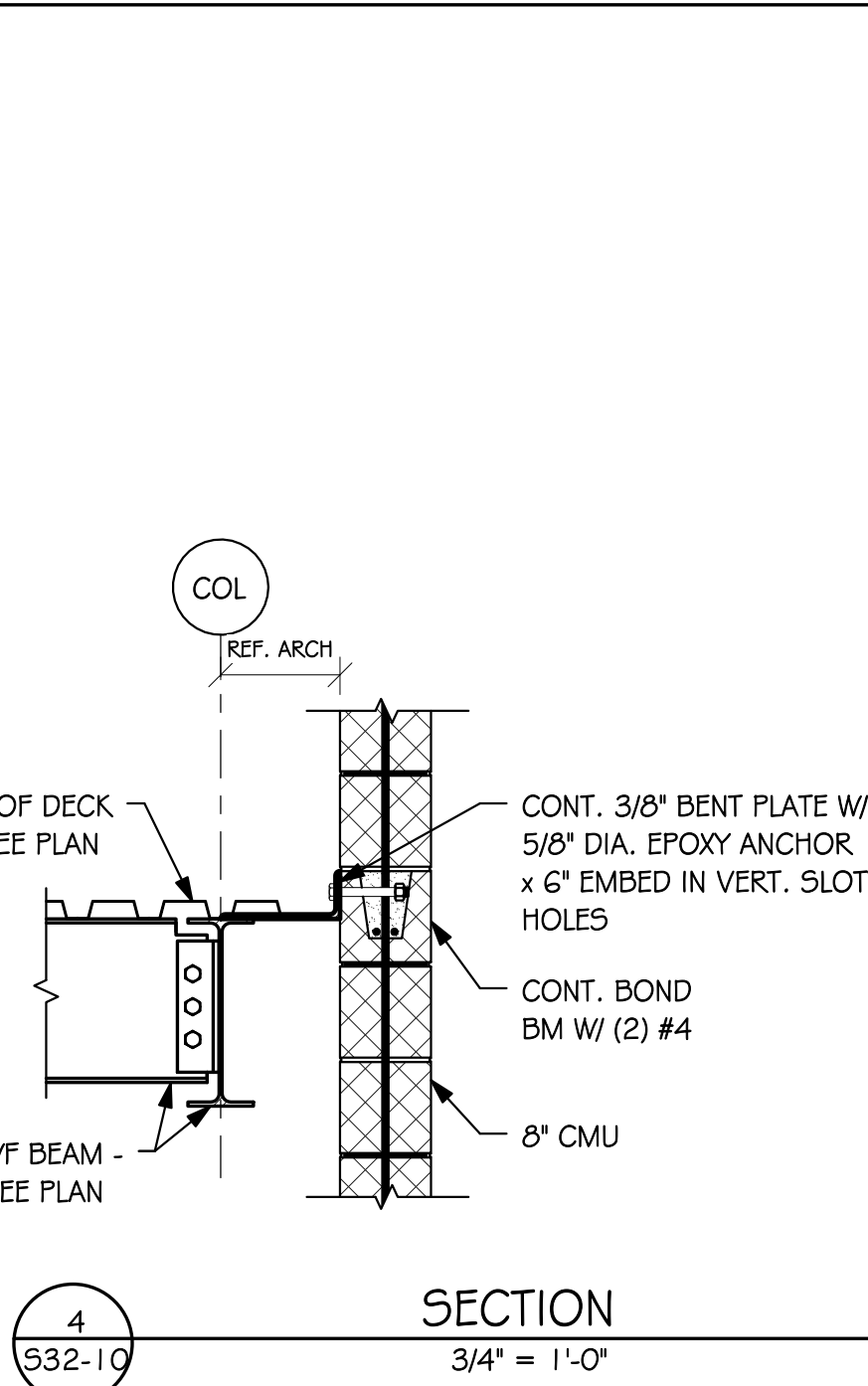
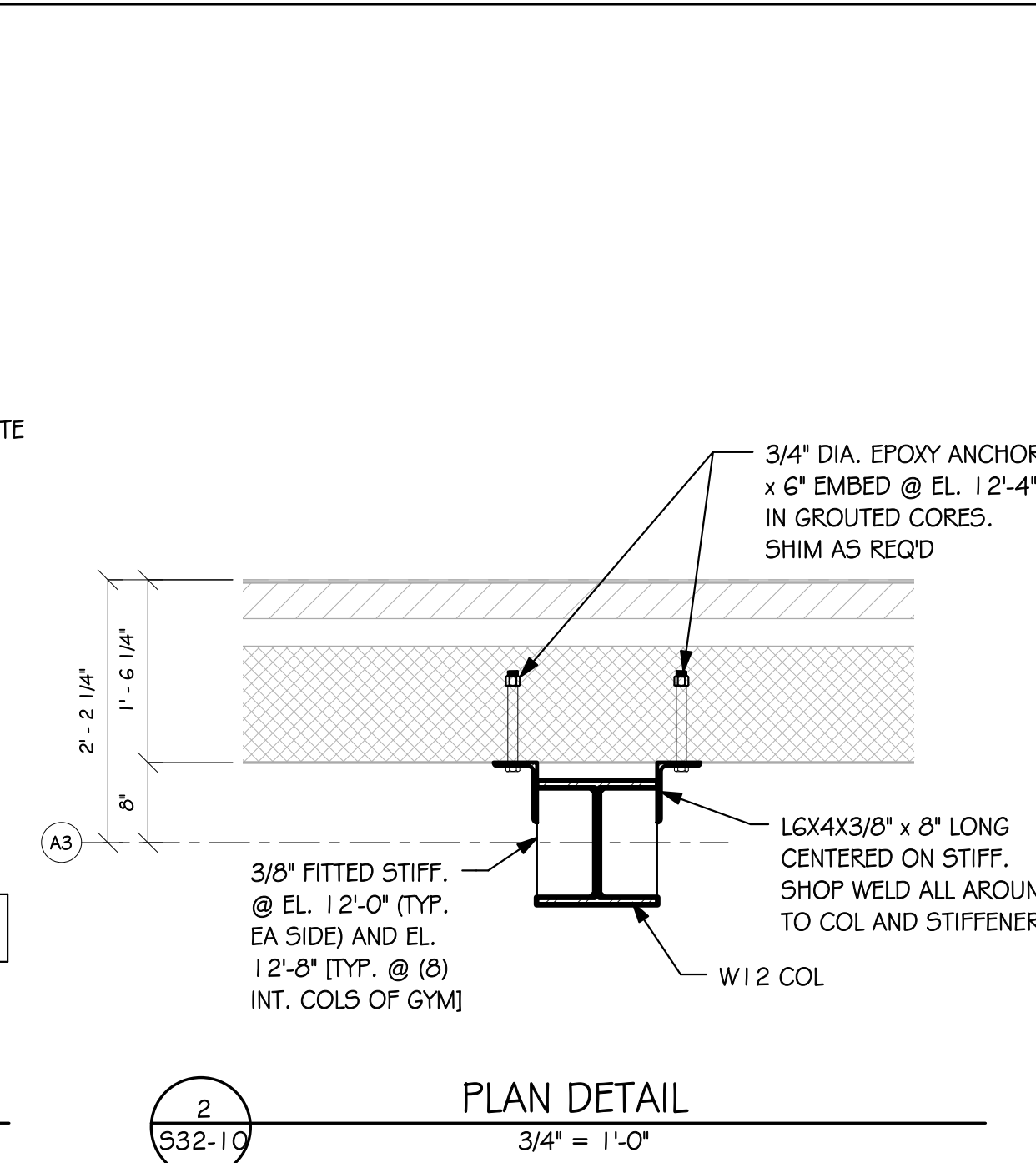
GYM TRUSS DETAILS

DWN BY:	CHK BY:	PROJ. NUMBER:
AJC	API	D6932.00
DATE:		DRAWING NUMBER:
07-19-12		S32-08
SCALE:		
3/4" = 1'-0"		

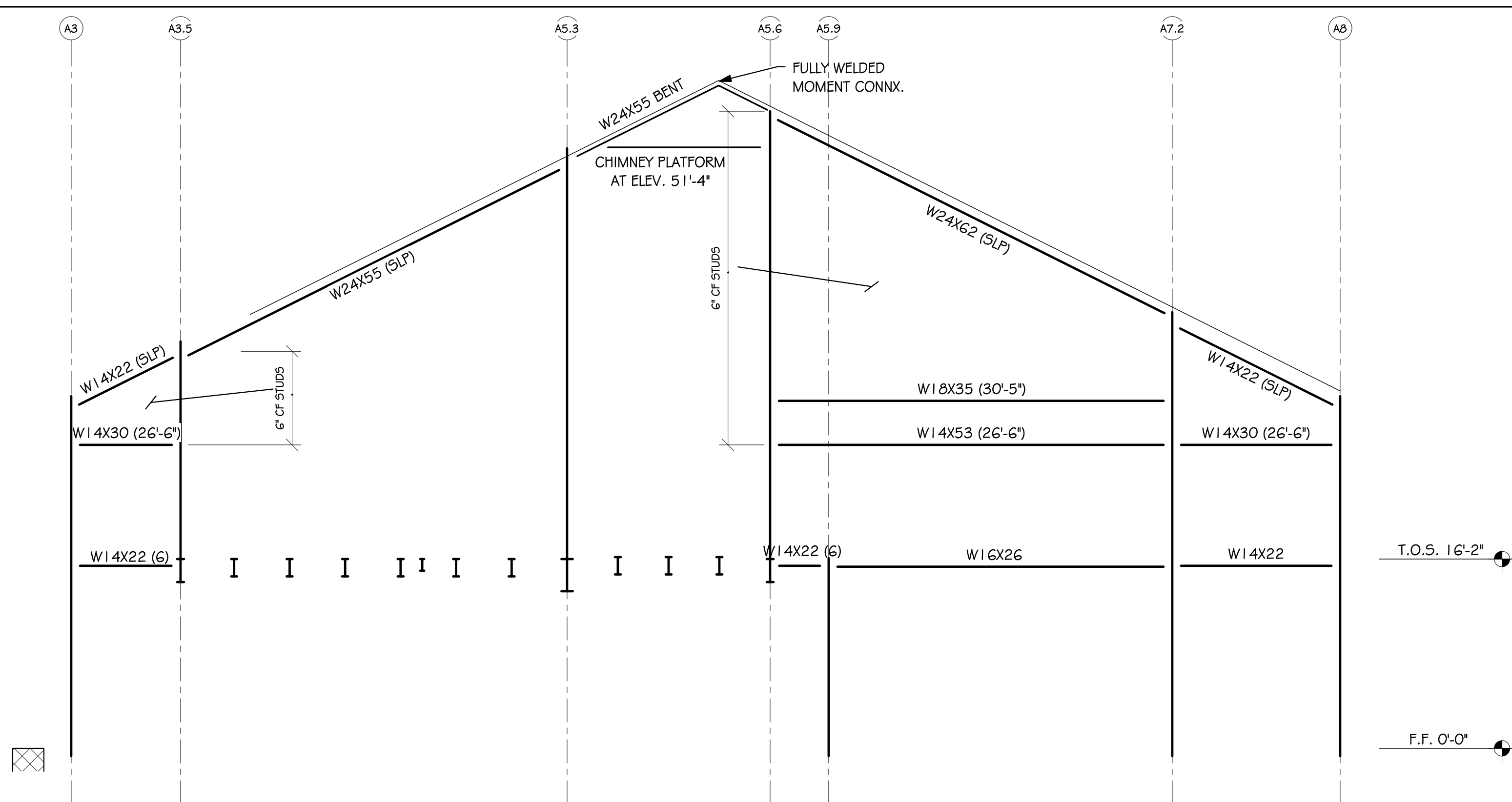
TRUSS AND BRACING NOTES:

1. U.N.O. PROVIDE MINIMUM 3/4" THICK GUSSET PLATES AT EACH WEB MEMBER CONNECTION.
2. PROVIDE SHIM PLATES @ 4'-0" o.c. MAX. AT ALL DOUBLE ANGLE WEB MEMBERS.
3. PROVIDE TEMPORARY STABILITY BRACING FOR TRUSSES UNTIL ALL FRAMING, FINAL CONNECTIONS, AND ROOF DECK ARE IN PLACE AND SECURED.
4. CENTERLINE OF GRAVITY COINCIDENTAL FOR ALL MEMBERS.
5. DESIGN TRUSS FORCES (T = TENSION, C = COMPRESSION).
6. CONNECTIONS SHOWN ARE FOR DESIGN CONCEPT ONLY. ALL CONNECTIONS (INCLUDING TO COLUMN) SHALL BE DESIGNED BY STEEL FABRICATOR. DETAILS AND CALCULATIONS SHALL BE SIGNED AND SEALED BY A REGISTERED ENGINEER AND SUBMITTED FOR APPROVAL.
7. SPLICE TRUSSES AS REQUIRED. SPLICE SHALL BE DESIGNED USING FORCES SHOWN ON TRUSS ELEVATIONS.
8. SPLICES SHALL BE COMPLETE PENETRATION WELD FOR ALL WF MEMBERS.
9. ALL TOP AND BOTTOM CHORDS TO BE ASTM A992 50 KSI.
10. ALL DOUBLE ANGLE WEBS TO BE ASTM A36.
11. ALL BOLTS SHALL BE DESIGNED AS SLIP CRITICAL.
12. IF A LOAD IS NOT GIVEN, DESIGN FOR MIN. 10k TENSION AND MIN. 10k COMPRESSION. ALSO PROVIDE MIN. OF (3) 3/4" DIA. A325 BOLTS IN ALL JOINTS.

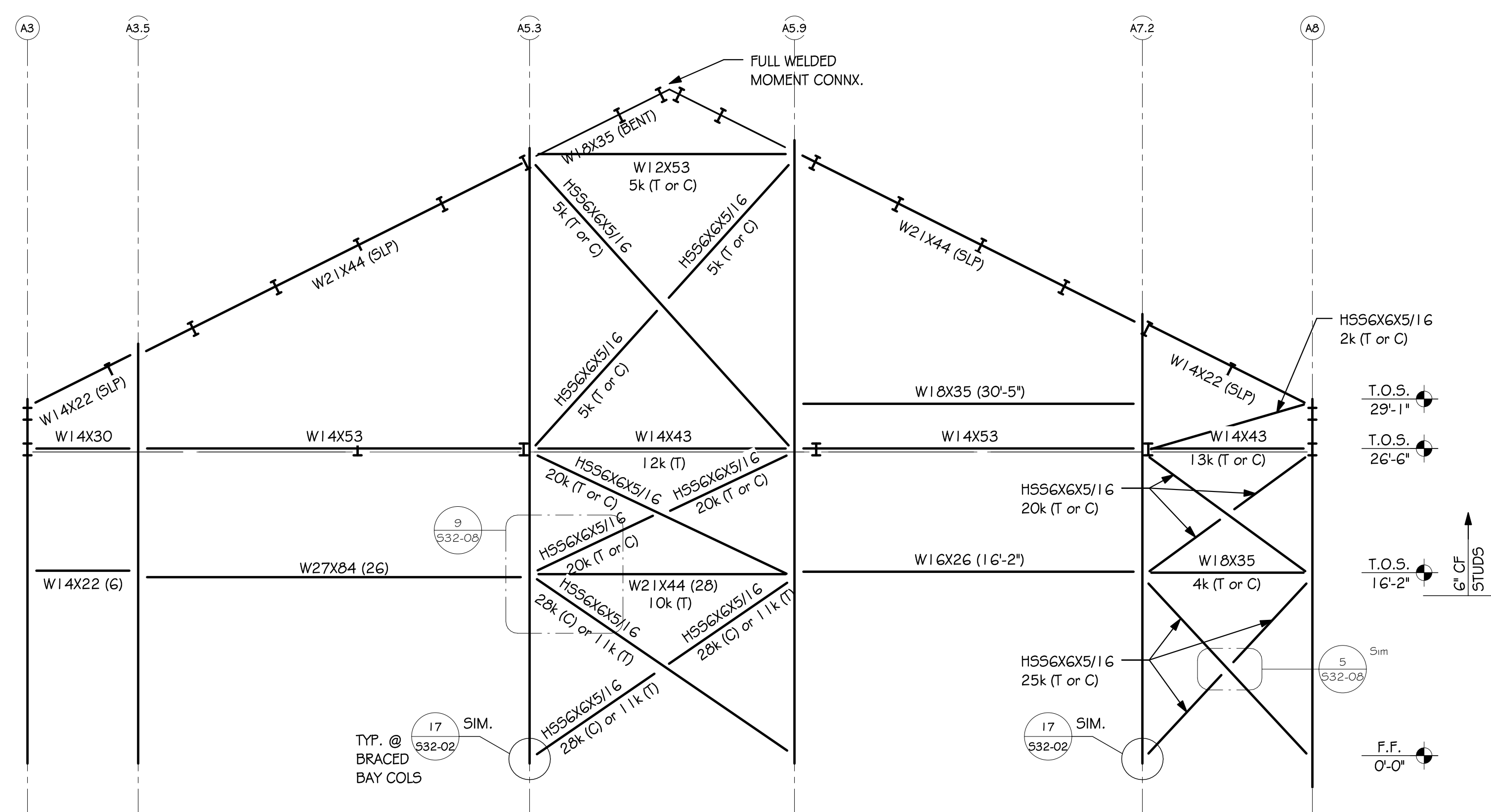
PROJECT			
WOODBIDGE SCHOOL DISTRICT			
WOODBIDGE HIGH SCHOOL			
WOODBIDGE ROAD			
DRAWING TITLE: FRAMING SECTIONS - AREA A, C & E			
DWN BY: AJC	CHK BY: JDM	PROJ. NUMBER: D6932.00	DRAWING NUMBER: S32-09
DATE: 07-19-12			
SCALE: 3/4" = 1'-0"			



PROJECT		
WOODBIDGE SCHOOL DISTRICT		
WOODBIDGE HIGH SCHOOL		
WOODBIDGE ROAD		
DRAWING TITLE: FRAMING SECTIONS - AREA A, B, C & D		
DWN BY: AJC	CHK BY: API	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER:	
SCALE: 3/4" = 1'-0"	S32-10	

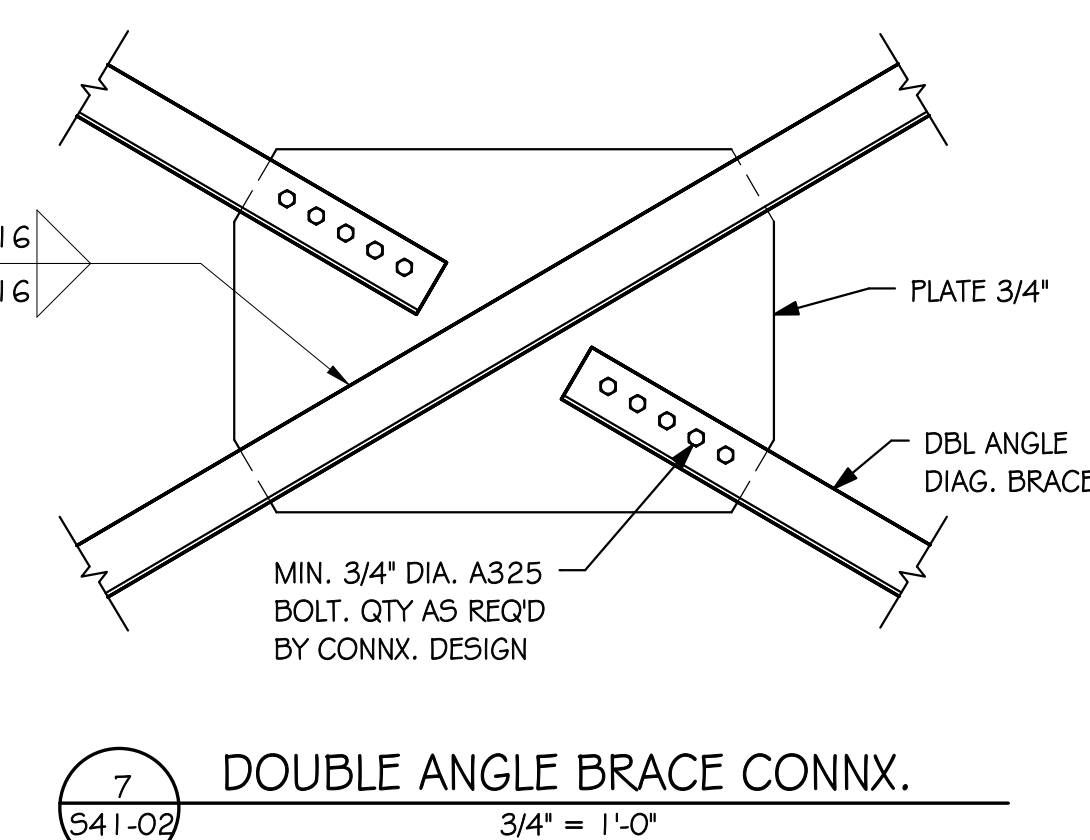
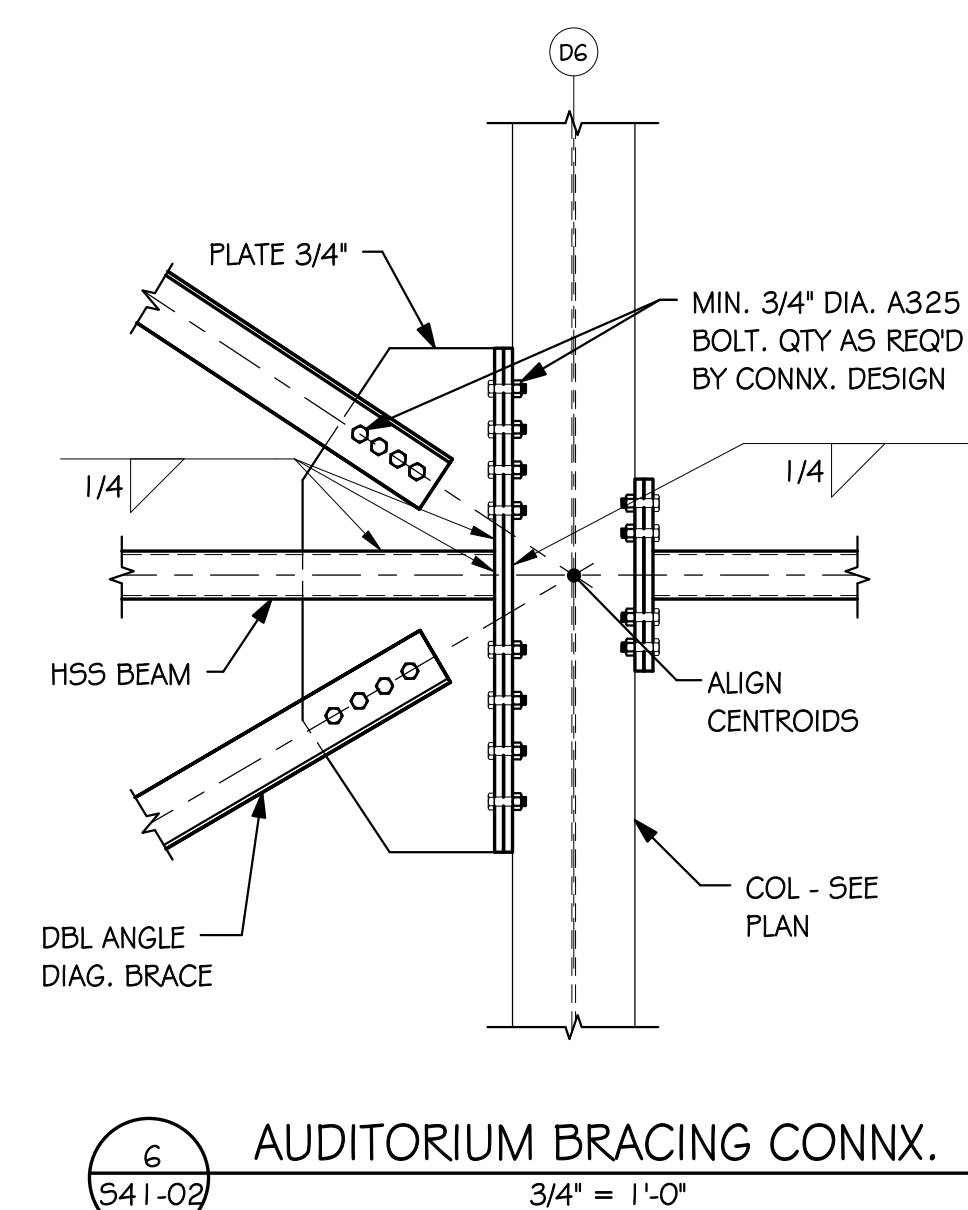
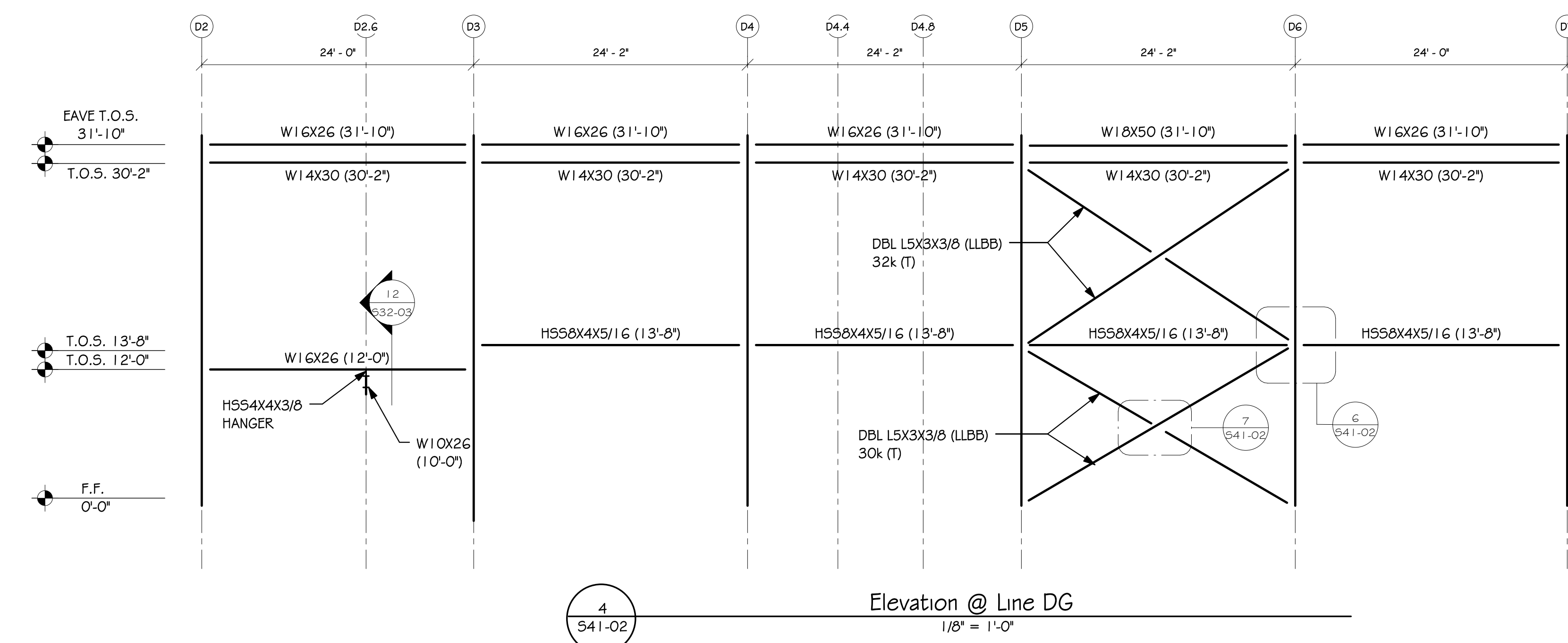
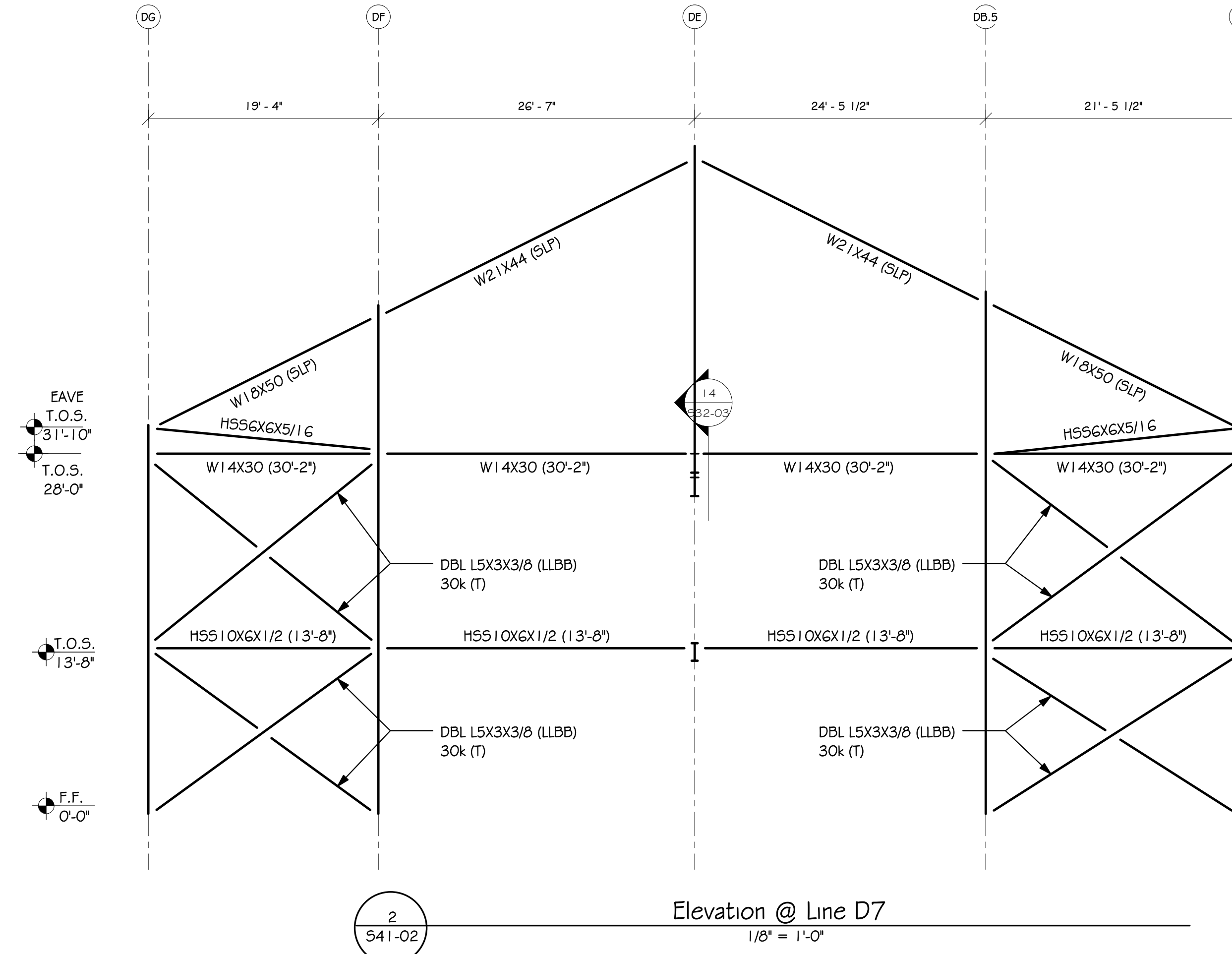


End Wall 'XB-AG'

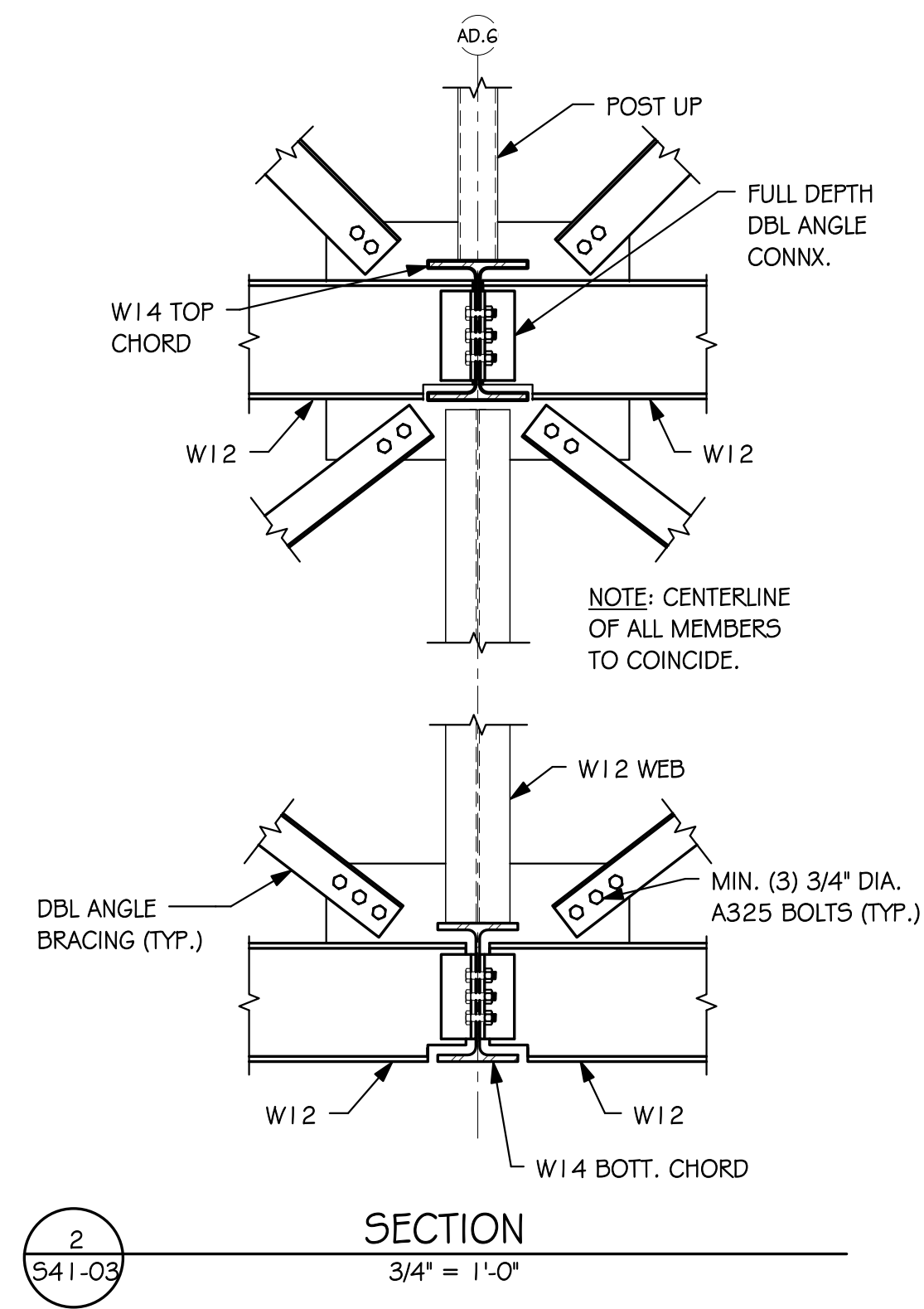
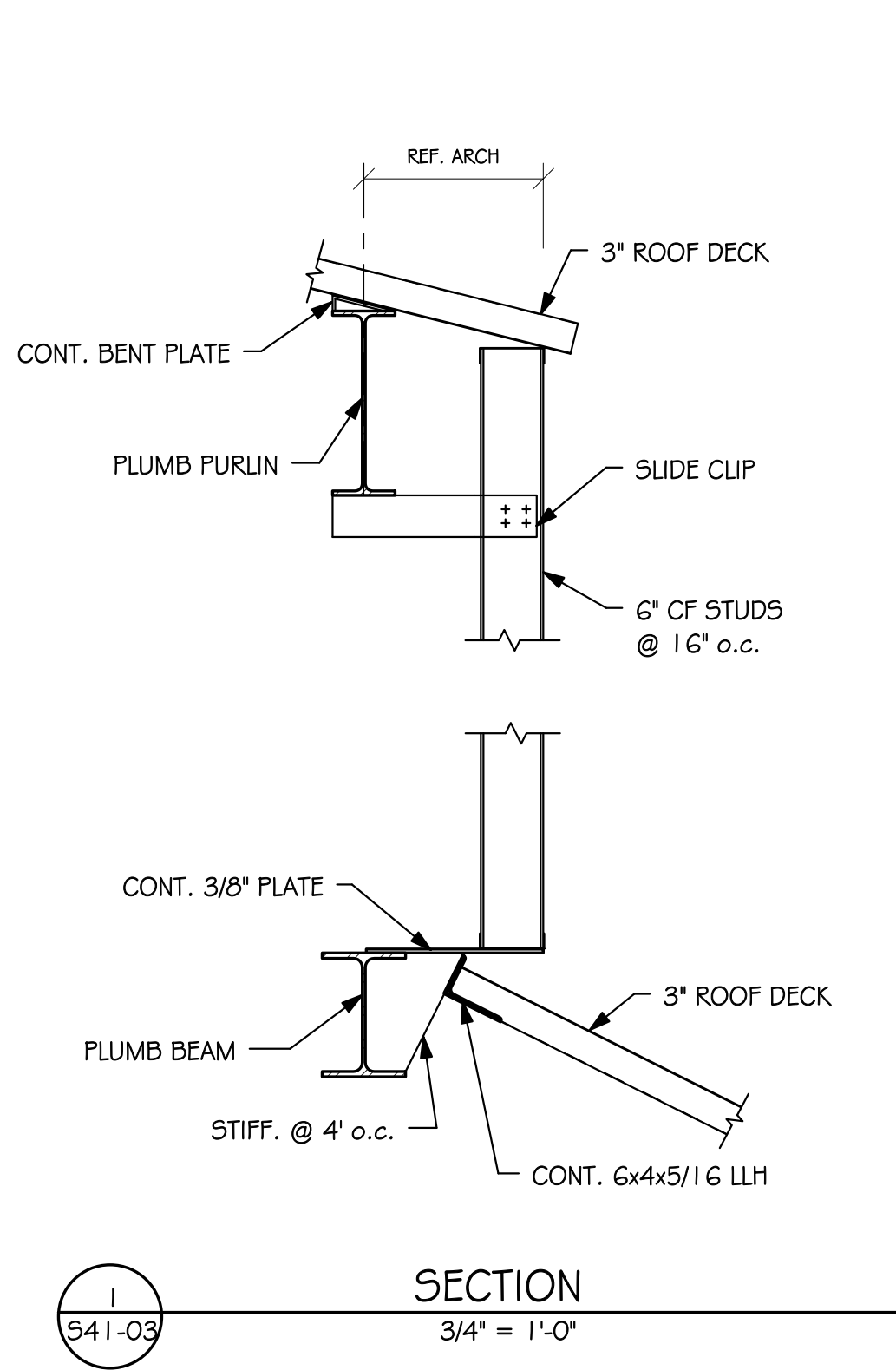
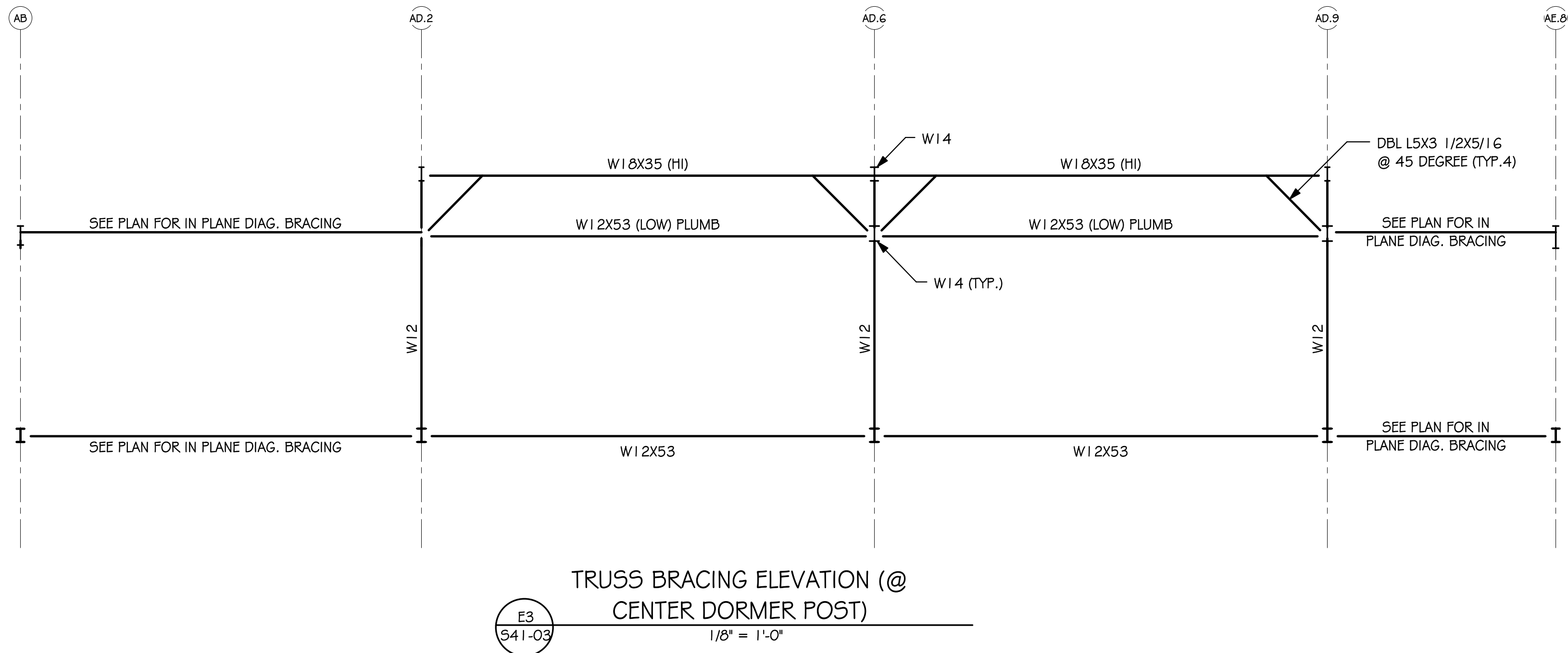
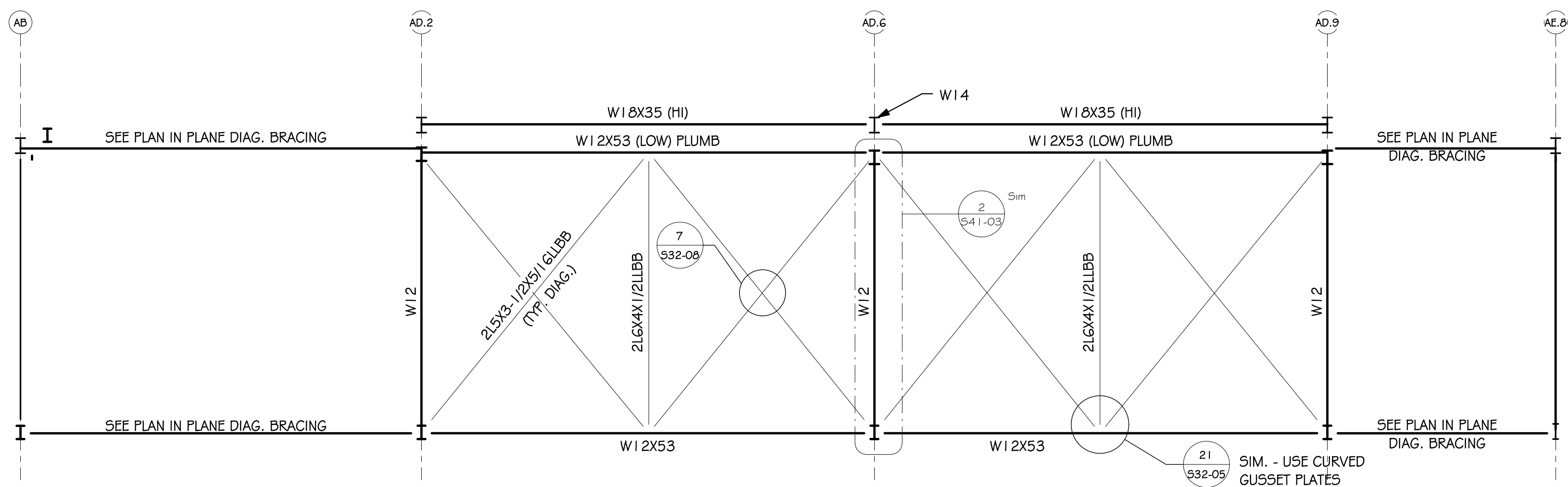
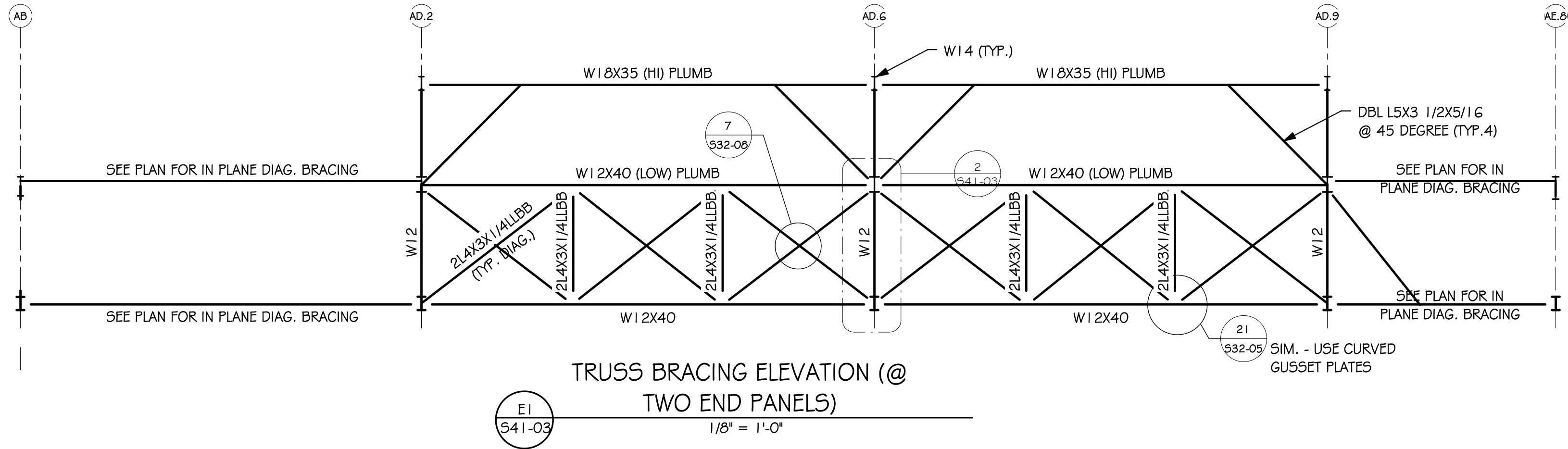


$$\frac{4}{541.01} \quad \text{'XB-AE.8'} \quad \frac{1}{18''} = 1'.0''$$

S41-01



PROJECT		
WOODBRIIDGE SCHOOL DISTRICT		
WOODBRIIDGE HIGH SCHOOL		
WOODBRIIDGE ROAD		
DRAWING TITLE: FRAMING AND TRUSS ELEVATIONS AREA F		
DWN BY: AJC	CHK BY: FMY	PROJ. NUMBER: D6932.00
DATE: 07-19-12	DRAWING NUMBER: S41-02	
SCALE: As indicated		



CONNECTION DESIGN NOTES:
1. DESIGN ALL DIAGONAL CONNECTIONS FOR 25k TENSION.
2. DESIGN ALL HORIZONTAL STRUTS FOR 18k COMPRESSION.
3. DESIGN ALL VERTICAL CONNECTIONS FOR 18k COMPRESSION IN ADDITION TO LOADS SHOWN ON 3/54-01.
4. ORIENT DOUBLE ANGLES LLBB.
5. ALL GUSSET PLATES TO BE MIN. 1/2" AND CURVED.
6. REF. NOTES ON DRAWING 532-08 FOR ADDL CRITERIA.

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ISSUE DATES:

2	Bid Pac A (not for construction)	6-14-12
3	BID PACK "A" - ISSUED FOR BIDDING	07-03-12
4	ADDENDUM #2	07-19-12

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PROJECT

WOODBIDGE SCHOOL DISTRICT

WOODBIDGE HIGH SCHOOL

WOODBIDGE ROAD

DRAWING TITLE:

GYM TRUSS BRACING ELEVATIONS

DWN BY: CHK BY: PROJ. NUMBER:

AJC API D6932.00

DATE: 07-19-12 DRAWING NUMBER:

SCALE: As indicated

S41-03