



**ADDENDUM NO. 001**  
**Re: Milton Library – 855 Mayfield Way, Milton GA**

Dear Proponents,

1. **Revised bid date:** Bids are due **Thursday January 9, 2014 at 2:00pm**
2. Attached are Revised Structural Drawings – These drawings supersede the structural drawings previously issued with the original bid invitation.
3. This Addendum is also available via the following link: <https://app.box.com/s/547njg2gkcp9203w9sny>
4. Please copy Nadiene McClain [nmccclair@tcco.com](mailto:nmccclair@tcco.com) on all bids that are also sent to Mark Hawks at the Fulton County Purchasing Department.

Questions/Answers

Q: Is there a waiting period for settlement before placing foundations?

A: A 30 day waiting and monitoring period shall be provided for all compacted earth fill areas greater than 3 feet.

Q: Detail 2/A51.3: What is the purpose of having a TPO coated metal @ the gutters?

A: No TPO coated metals required, detail will be corrected.

Q: 5/A51.2: Shows both TPO & Typ standing seam roof panels. Please clarify.

A: There are two roof systems, standing seam metal (steep slopes) & TPO (flat roof).

Q: Is the roof slope built in the steel bar joist on the TPO roof?

A: Yes, slope is provided by the structure except for crickets to drains.

Q: Will duct & equipment cleaning actually be required per specification section 23 0130.51? All the ductwork & equipment on this project will be new. Additionally, all the duct & equipment will arrive onsite with protective plastic wrap. Any exposed uncompleted duct opening will be sealed up with protective plastic wrap at the end of each work day as well. Duct & equipment cleaning is an extremely expensive process, & this cost was NOT included in previous HVAC budget rounds for this project. Please clarify if duct & equipment cleaning will be required.

A: Not Required

Q: Will return air sound boots for all the PIUs be required per detail 2/M4.1? Additionally, I believe that the PIUs are low profile & this detail requires additional space that may not be available.

A: Yes

Q: Will the 1<sup>st</sup> floor mechanical rooms be considered “exposed” areas requiring board insulation & canvas jacketing for the ductwork per specification section 23 0713? This is a very expensive process, & this cost was NOT included in previous HVAC budget rounds for this project.

A: No, only if required for thermal

Q: Will the 1<sup>st</sup> floor mechanical rooms be considered “exposed” areas requiring canvas jacketing for the piping per specification section 23 0719? This is a very expensive process, & this cost was NOT included in previous HVAC budget rounds for this project.

A: No, only if required for thermal



Q: Will the mezzanine be considered an “exposed” area requiring board insulation & canvas jacketing for the ductwork per specification section 23 0713? This is a very expensive process, & this cost was NOT included in previous HVAC budget rounds for this project.

A: No, only if required for thermal

Q: Will the mezzanine be considered an “exposed” area requiring canvas jacketing for the piping per specification section 23 0713? This is a very expensive process, & this cost was NOT included in previous HVAC budget rounds for this project.

A: No, only if required for thermal

Q: No insulation thickness or density was given for the external flexible glass fiber blanket insulation in specification section 23 0713. Will 2” thick insulation at ¾ pound density be acceptable for concealed areas?

A: Yes

Q: No insulation thickness or density was given for rigid glass fiber board insulation. Will 2” thick insulation at 3 pound density be acceptable for exposed mechanical room areas?

A: Yes

Q: No insulation thickness or material was given for the chilled water piping insulation in specification section 23 0719. Will 1.5” thick fiberglass insulation with white ASJ (All service jacket) be acceptable for concealed areas?

A: Yes

Q: No insulation thickness or material was given for the condensate or refrigerant suction piping insulation in specification section 23 0719. Will 1/2” flexible elastomeric insulation be acceptable?

A: Yes

Q: Is standard galvanized exposed spiral ductwork acceptable if painting/fogging purposes are required? Or is paint grip exposed spiral ductwork required for painting/fogging purposes, if needed.

A: Standard

Q: Please confirm that a 5 year manufacturer warranty is NOT required for the field programmable micro-processor DDC controllers per specification section 23 0923. This option is NOT available from the factory, so this realistically can’t even be considered. Only as standard 1<sup>st</sup> year manufacturer warranty will be provided.

A: OK

Q: 5.4.4 Monitoring is recommended by Geotech, but could be monitored by Sitework subcontractor instead. Please confirm.

A: The site work contractor should install the settlement plates.

The survey readings to be done by a survey company and provide this information to the geotechnical engineer. The geotechnical engineer should evaluate the data and make recommendations regarding the completion of primary settlement.

For additional information, please contact Mrs. Nadiene McClain, Sr. Project Manager at (404) 504-3700, or via email at [nmclain@tcco.com](mailto:nmclain@tcco.com).

PROJECT NAME: Milton Library  
11RFP80542K-LW (L003)  
S&W PROJECT No: 12020.00

ADDENDUM NO: 1  
DATE OF ISSUE: 12/23/2013

This addendum modifies the Contract Documents only in the manner and to the extent stated herein and shown on any accompanying drawings and will become a part of the Contract Documents. Except as specified or otherwise indicated by this addendum, all work shall be in accordance with the basic requirements of the Contract Documents.

**BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM, FAILURE TO DO SO MAY CONSTITUTE AN INFORMALITY IN THE BID.**

The following clarifications, amendments, additions, revisions, changes and/or modifications shall take precedence over the drawings and specifications for the above named project only in the amount and to the extent hereinafter specified in this addendum. Where any item called for in the specifications or indicated on the drawings is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provision of such item not specifically amended, voided or superseded shall remain in effect.

**DRAWINGS:**

Sheet No.	Sheet Name	Revision Mark, Title	Date
S12.0	FOUNDATION PLAN	1, Addendum 1	12/23/13
S12.1	MECHANICAL MEZZANINE AND FLAT ROOF FRAMING PLAN	1, Addendum 1	12/23/13
S12.2	ROOF FRAMING PLAN	1, Addendum 1	12/23/13
S21.1	TYPICAL FOUNDATION DETAILS	1, Addendum 1	12/23/13
S21.3	TYPICAL FOUNDATION DETAILS	1, Addendum 1	12/23/13
S22.1	STEEL JOIST ELEVATIONS	1, Addendum 1	12/23/13
S23.3	STEEL FRAMING DETAILS	1, Addendum 1	12/23/13
S23.4	STEEL FRAMING DETAILS	1, Addendum 1	12/23/13
S23.5	STEEL FRAMING DETAILS	1, Addendum 1	12/23/13
S51.1	BRACED FRAME DETAILS	1, Addendum 1	12/23/13

END OF ADDENDUM

**If the attachments are not as listed, please notify the sender immediately.**

**SUBMITTALS**

DATE	DESCRIPTION
06/07/2013	DESIGN DEVELOPMENT PRICING
07/19/2013	DESIGN DEVELOPMENT
10/18/2013	50% CONSTRUCTION DOCUMENTS
10/29/2013	50% CD PRICING UPDATE
12/03/2013	GMP SET

**REVISIONS**

DATE	DESCRIPTION
12/17/13	ADDENDUM 1

APPROVED FOR CONSTRUCTION  
 NOT APPROVED FOR CONSTRUCTION

PROJECT NUMBER: 12020-00  
 PROJECT DATE: Issue Date

**ATLANTA-FULTON  
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 SYSTEM  
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 MILTON LIBRARY**

855 MAYFIELD ROAD  
 MILTON, GA 30009

FOUNDATION PLAN

**S12.0**

- FOUNDATION NOTES:**
- SEE SHEET S01.1 AND S0.02 FOR GENERAL NOTES.
  - SEE SHEET S21.1 AND FOLLOWING FOR TYPICAL FOUNDATION DETAILS NOT REFERENCED ON PLAN.
  - FR# INDICATES CONCRETE FOOTING DESIGNATION - SEE 2/S21.1 FOR FOOTING SCHEDULE.
  - BP# INDICATES BASEPLATE DESIGNATION - SEE 12/S21.2 FOR BASEPLATE SCHEDULE AND DETAILS. (BP-1 - TYPICAL U.N.O.)
  - T.O. SLAB ELEVATION = 0'-0" U.N.O. REFER TO ARCHITECTURAL/CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
  - EL = X'-X": INDICATES TOP OF FOOTING OR SLAB ELEVATION.
  - ALL FOOTINGS ARE CENTERED ON COLUMNS U.N.O.
  - SEE ARCHITECTURAL DRAWINGS FOR ALL EDGE-OF-SLAB DIMENSIONS, SLOPED SLABS, DERESSED SLABS, AND NON LOAD-BEARING CMU WALL LOCATIONS.
  - C.J. INDICATES CONTROL JOINT IN SLAB-ON-GRADE. SEE DETAILS 9 & 13 ON S21.1.
  - P# INDICATES CONCRETE PIER - SEE 10/S21.2 FOR PIER SCHEDULE.
  - SEE S21.3 FOR RETAINING WALL AND FOOTING SIZE AND REINFORCEMENT.
  - denotes STEP IN FND - TYP. (SEE 12/S21.1)
  - SEE S21.1 FOR TYPICAL REINFORCEMENT AT BUILDING CORNERS.
  - GB-1 DENOTES 24"x24" CONCRETE GRADE BEAM REINFORCED WITH #4B CONT. TOP AND BOTTOM & #3 TIES @ 12" O.C. (TYP. - U.N.O.)
  - SEE 3/S21.3 FOR TYPICAL CONDUIT/PIPE UNDER FOOTING DETAIL.

**6" NWC SLAB-ON-GRADE  
 REINFORCED W/WWR  
 6X6-W2.9X2.9 (FLAT SHEETS)  
 OVER 6" GAB  
 T/SLAB = 1030.00" (SEE CIVIL)**

**5" NWC SLAB-ON-GRADE  
 REINFORCED W/WWR  
 6X6-W2.9X2.9 (FLAT SHEETS)  
 ON VAPOR RETARDER OVER 6" GAB  
 (REF. T/SLAB = 0'-0")**

**5" NWC SLAB-ON-GRADE  
 REINFORCED W/WWR  
 6X6-W2.9X2.9 (FLAT  
 SHEETS) ON VAPOR  
 RETARDER OVER 6" GAB**

CONCRETE STAIR (TYP. - SEE ARCH. AND 15/S21.1)

CONCRETE STAIR (TYP. - SEE ARCH. & 15/S21.1)

CONCRETE STAIR (TYP. - SEE ARCH. & 15/S21.1)

T.O. SLAB  
 EL = -2'-9"

T.O. SLAB  
 EL = 0'-0"

T.O. SLAB  
 EL = -2'-8"

T.O. SLAB  
 EL = -2'-0"

T.O. SLAB  
 EL = -2'-0"

HSS3.5X3.5X3/8 STEEL  
 POSTS @ 4'-0" O.C. MAX.  
 (TYP. - SEE 2/S21.3)

HSS6X6X1/4 P1  
 BP-6  
 F5.0  
 EL = -4'-0"

HSS6X6X1/4 P1  
 BP-5  
 F5.0  
 EL = -2'-8"

HSS6X6X1/4  
 F5.0  
 EL = -1'-4"

HSS6X6X1/4  
 BP-3  
 F7.0  
 EL = -1'-4"

HSS6X6X1/4 P2  
 BP-5  
 F5.0  
 EL = -5'-4"

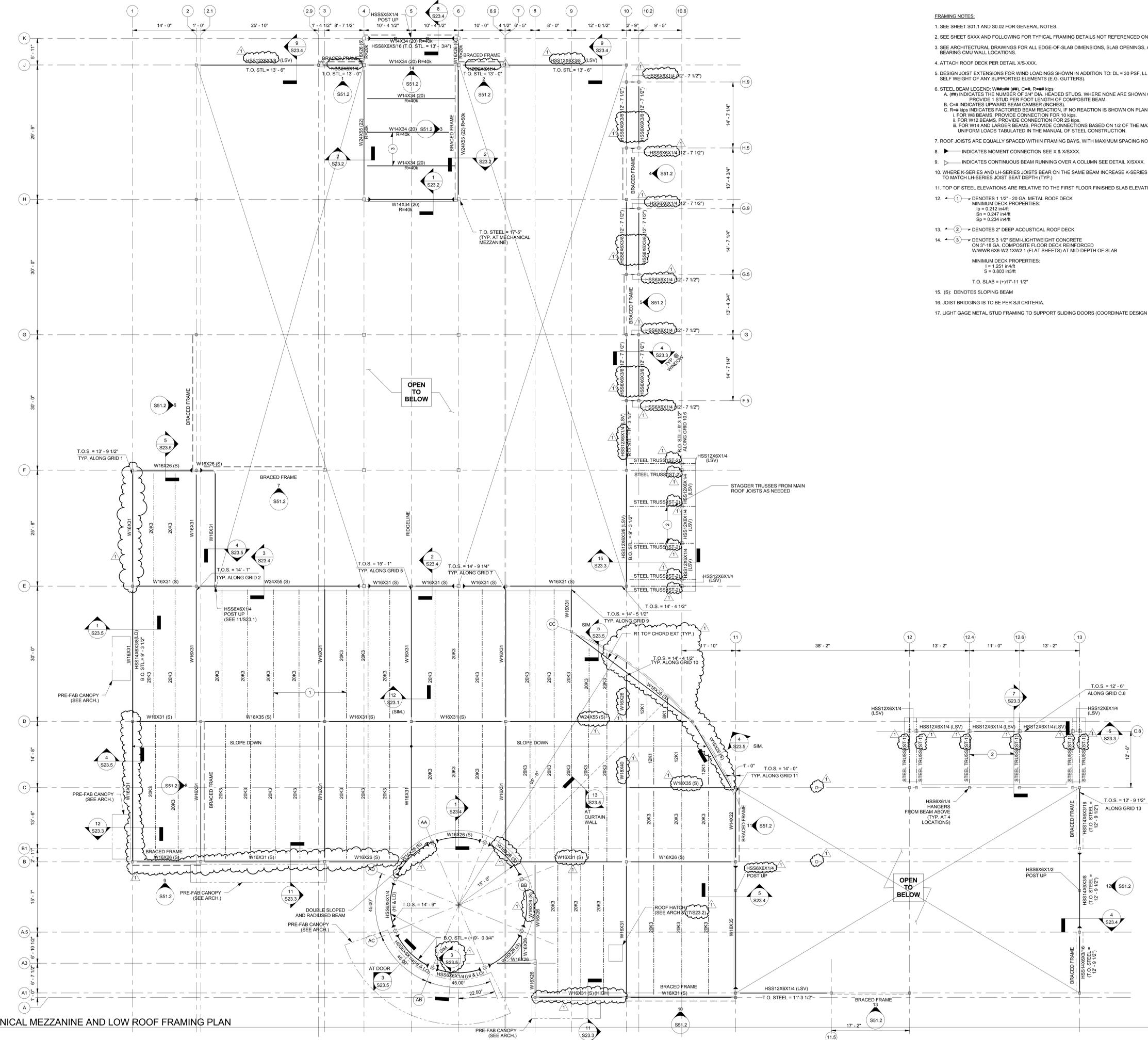
HSS6X6X1/4 P2  
 BP-6  
 F5.0  
 EL = -4'-0"

HSS6X6X1/4  
 F5.0  
 EL = -0'-8"

HSS6X6X1/4 P2  
 BP-3  
 F7.0  
 EL = -0'-8"

HSS6X6X1/4 P1  
 BP-2  
 F7.0  
 EL = -0'-8"

HSS6X6X1/4 P1  
 BP-6  
 F5.0  
 EL = -2'-8"



- FRAMING NOTES:**
- SEE SHEET S01.1 AND S0.02 FOR GENERAL NOTES.
  - SEE SHEET SXXX AND FOLLOWING FOR TYPICAL FRAMING DETAILS NOT REFERENCED ON PLAN.
  - SEE ARCHITECTURAL DRAWINGS FOR ALL EDGE-OF-SLAB DIMENSIONS, SLAB OPENINGS, AND NON LOAD-BEARING CMU WALL LOCATIONS.
  - ATTACH ROOF DECK PER DETAIL X/S-XXX.
  - DESIGN JOIST EXTENSIONS FOR WIND LOADINGS SHOWN IN ADDITION TO: DL = 30 PSF, LL = 25 PSF, AND SELF WEIGHT OF ANY SUPPORTED ELEMENTS (E.G. GUTTERS).
  - STEEL BEAM LEGEND: W###X## (##) C=#, R=# kips  
 A. (##) INDICATES THE NUMBER OF 3/4" DIA. HEADED STUDS, WHERE NONE ARE SHOWN ON PLAN, PROVIDE 1 STUD PER FOOT LENGTH OF COMPOSITE BEAM.  
 B. C=# INDICATES UPWARD BEAM CAMBER (INCHES).  
 C. R=# kips INDICATES FACTORED BEAM REACTION, IF NO REACTION IS SHOWN ON PLAN:  
 I. FOR W8 BEAMS, PROVIDE CONNECTION FOR 10 kips.  
 II. FOR W12 BEAMS, PROVIDE CONNECTION FOR 25 kips.  
 III. FOR W14 AND LARGER BEAMS, PROVIDE CONNECTIONS BASED ON 1/2 OF THE MAXIMUM FACTORED UNIFORM LOADS TABULATED IN THE MANUAL OF STEEL CONSTRUCTION.
  - ROOF JOISTS ARE EQUALLY SPACED WITHIN FRAMING BAYS, WITH MAXIMUM SPACING NOT TO EXCEED 6' - 0".
  - INDICATES MOMENT CONNECTION SEE X & S/XXX.
  - INDICATES CONTINUOUS BEAM RUNNING OVER A COLUMN SEE DETAIL X/S-XXX.
  - WHERE K-SERIES AND LH-SERIES JOISTS BEAR ON THE SAME BEAM INCREASE K-SERIES JOIST SEAT DEPTH TO MATCH LH-SERIES JOIST SEAT DEPTH (TYP.)
  - TOP OF STEEL ELEVATIONS ARE RELATIVE TO THE FIRST FLOOR FINISHED SLAB ELEVATION.
  - 1 DENOTES 1 1/2" - 20 GA. METAL ROOF DECK  
 MINIMUM DECK PROPERTIES:  
 I<sub>p</sub> = 0.212 in<sup>4</sup>/ft  
 S<sub>x</sub> = 0.247 in<sup>3</sup>/ft  
 S<sub>p</sub> = 0.234 in<sup>4</sup>/ft
  - 2 DENOTES 2" DEEP ACOUSTICAL ROOF DECK
  - 3 DENOTES 3 1/2" SEMI-LIGHTWEIGHT CONCRETE ON 3"-18 GA. COMPOSITE FLOOR DECK REINFORCED WITH WWWW 6X6-W2.1XW2.1 (FLAT SHEETS) AT MID-DEPTH OF SLAB  
 MINIMUM DECK PROPERTIES:  
 I<sub>p</sub> = 1.251 in<sup>4</sup>/ft  
 S<sub>x</sub> = 0.803 in<sup>3</sup>/ft
  - T.O. SLAB = (+)17'-11 1/2"
  - (S) DENOTES SLOPING BEAM
  - JOIST BRIDGING IS TO BE PER SJI CRITERIA.
  - LIGHT GAGE METAL STUD FRAMING TO SUPPORT SLIDING DOORS (COORDINATE DESIGN CRITERIA WITH DOOR MFR.)

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**MECHANICAL  
 MEZZANINE AND  
 FLAT ROOF FRAMING  
 PLAN**

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**1**  
**S12.1**  
**MECHANICAL MEZZANINE AND LOW ROOF FRAMING PLAN**  
 1/8" = 1'-0"





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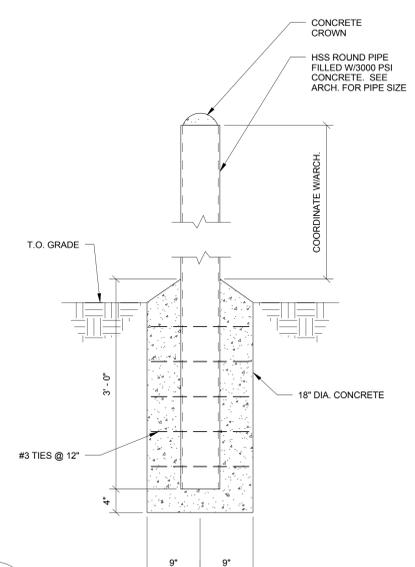
TYPICAL  
 FOUNDATION  
 DETAILS

**S21.1**

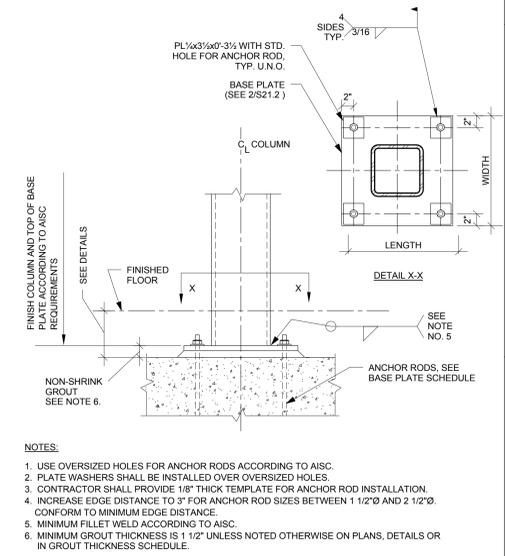
**FOOTING SCHEDULE (2500 PSF BEARING PRESSURE)**

MARK	SIZE		REINFORCEMENT		REMARKS
	LENGTH	WIDTH	THICKNESS	BOTTOM BARS EACH WAY	
F4.0	4'-0"	4'-0"	15"	(5)-#5	-
F5.0	5'-0"	5'-0"	15"	(6)-#5	-
F6.0	6'-0"	6'-0"	15"	(8)-#5	-
F7.0	7'-0"	7'-0"	24"	(8)-#6	(8)-#6
F8.0	8'-0"	8'-0"	24"	(9)-#7	(9)-#7
F9.0	9'-0"	9'-0"	24"	(10)-#7	(10)-#7
F10.0	10'-0"	10'-0"	24"	(10)-#6	(10)-#6
F4.0 (SP)	SEE PLAN	SEE PLAN	15"	#5 @ 12" O.C.	#5 @ 12" O.C.
F5.0 (SP)	SEE PLAN	SEE PLAN	15"	#5 @ 12" O.C.	#5 @ 12" O.C.
F7.0 (SP)	SEE PLAN	SEE PLAN	24"	#6 @ 12" O.C.	#6 @ 12" O.C.

**2**  
**S21.1**  
 FOOTING SCHEDULE  
 12" = 1'-0"

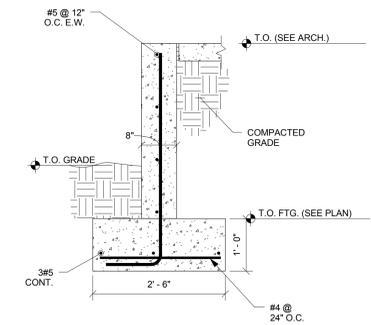


**7**  
**S21.1**  
 TYPICAL DETAIL AT BOLLARD  
 1" = 1'-0"



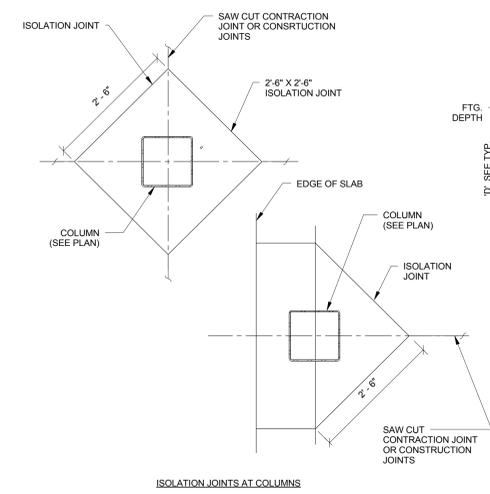
**6**  
**S21.1**  
 TYPICAL STEEL COLUMN ON SPREAD  
 FOOTING  
 1" = 1'-0"

**3**  
**S21.1**  
 CONCRETE WALL AT STAIR/RAMP  
 3/4" = 1'-0"



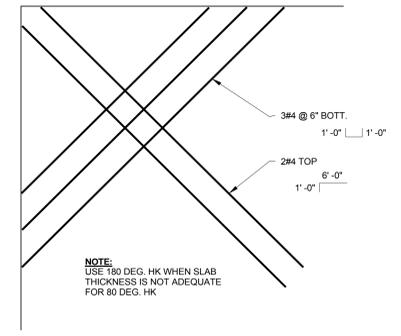
**3**  
**S21.1**  
 CONCRETE WALL AT STAIR/RAMP  
 3/4" = 1'-0"

**8**  
**S21.1**  
 TYPICAL CONCRETE PIER DETAIL  
 3/4" = 1'-0"

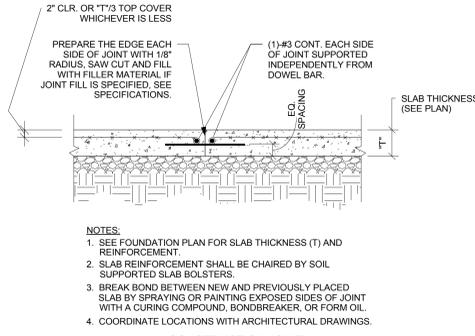


**13**  
**S21.1**  
 TYPICAL SLAB-ON-GRADE CONTROL JOINT  
 DETAILS AT COLUMN  
 3/4" = 1'-0"

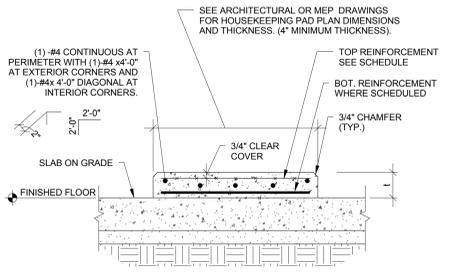
**5**  
**S21.1**  
 TYPICAL REINFORCING AT BUILDING CORNERS  
 3/4" = 1'-0"



**5**  
**S21.1**  
 TYPICAL REINFORCING AT BUILDING CORNERS  
 3/4" = 1'-0"



**9**  
**S21.1**  
 TYPICAL CONSTRUCTION JOINT  
 3/4" = 1'-0"

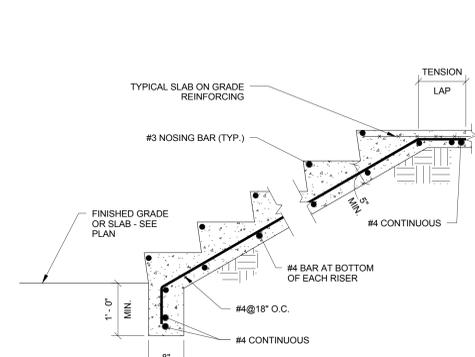


**HOUSEKEEPING PAD REINFORCING SCHEDULE**

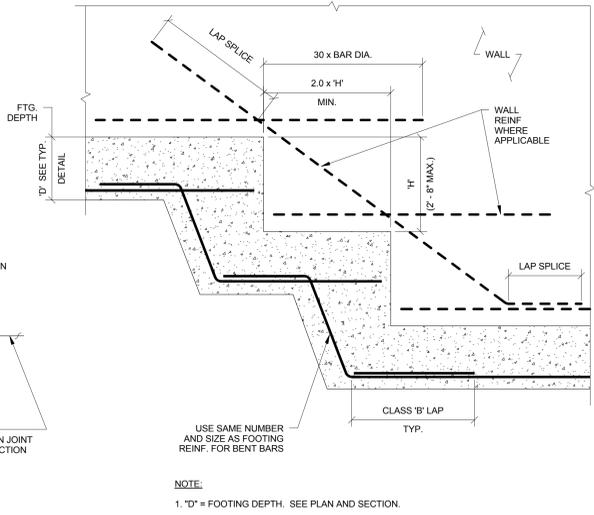
PAD THICKNESS	TOP REINFORCEMENT	BOTT. REINF.
t <= 4"	6"x6", W2.9 x W2.9	NONE
4" < t <= 6"	4"x4", W4.0 x W4.0	NONE
6" < t <= 8"	4"x4", W5.5 x W5.5	NONE
8" < t <= 12"	#4@12" EW	#3@18" EW
12" < t <= 16"	#4@12" EW	#4@12" EW

**14**  
**S21.1**  
 CONCRETE HOUSEKEEPING PAD  
 OVER SLAB ON GRADE  
 3/4" = 1'-0"

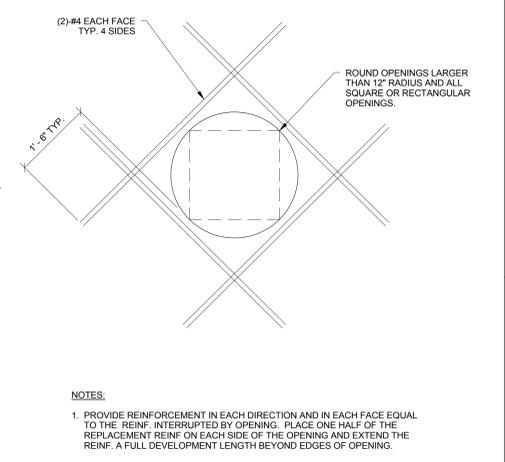
**10**  
**S21.1**  
 TYPICAL CONTRACTION JOINT  
 3/4" = 1'-0"



**15**  
**S21.1**  
 TYPICAL CONCRETE STAIR ON GRADE  
 3/4" = 1'-0"

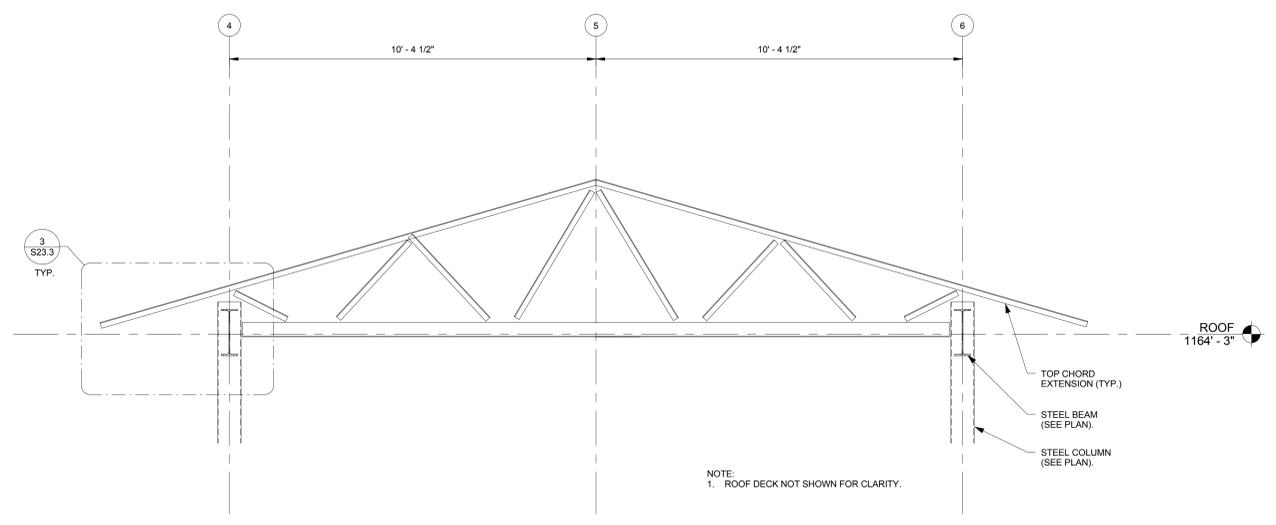


**12**  
**S21.1**  
 STEPPED WALL FOOTING  
 3/4" = 1'-0"



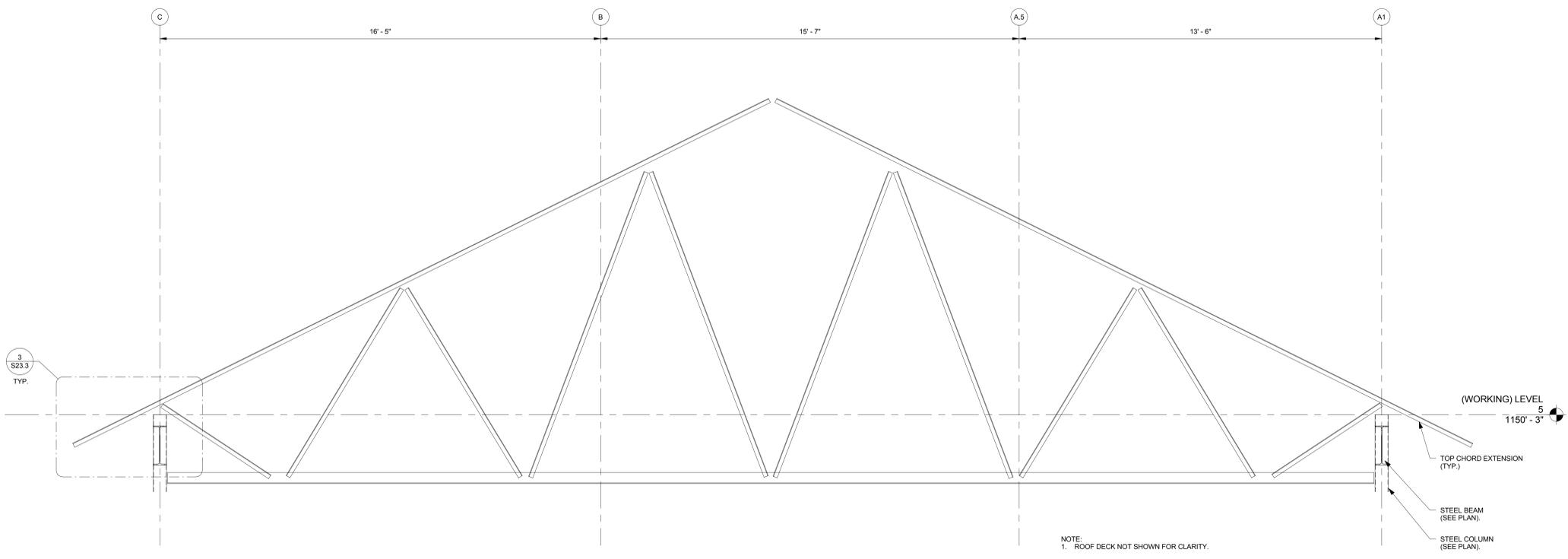
**11**  
**S21.1**  
 TYPICAL WALL REINF. AT OPENING  
 3/4" = 1'-0"





1  
S22.1  
1/2" = 1'-0"

DOUBLE PITCHED TOP CHORD JOIST OVER CLERESTORY (54LH240/120) WITH TOP CHORD EXTENSIONS



2  
S22.1  
1/2" = 1'-0"

DOUBLE PITCHED TOP CHORD JOIST OVER CONFERENCE ROOMS (174LH240/120) WITH TOP CHORD EXTENSIONS

■ SUBMITTALS

DATE	DESCRIPTION
10/29/2013	50% CD PRICING UPDATE
12/03/2013	GMP SET

■ REVISIONS

DATE	DESCRIPTION
12/17/13	ADDENDUM 1

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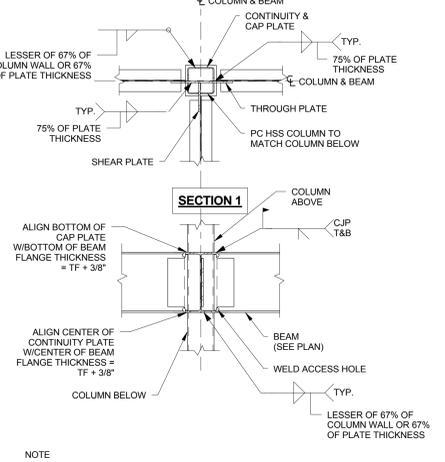
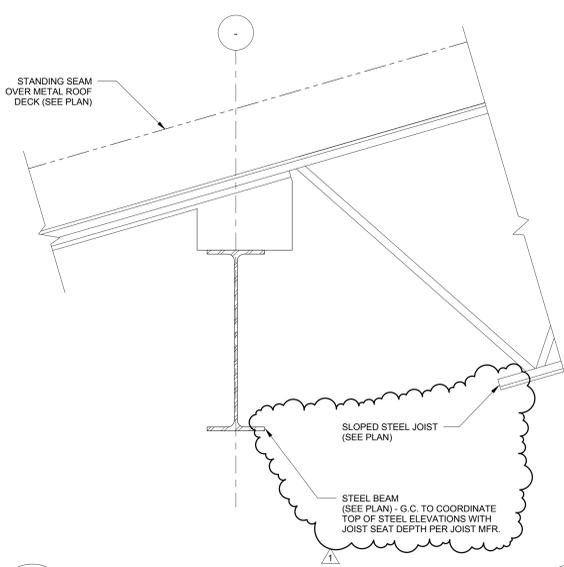
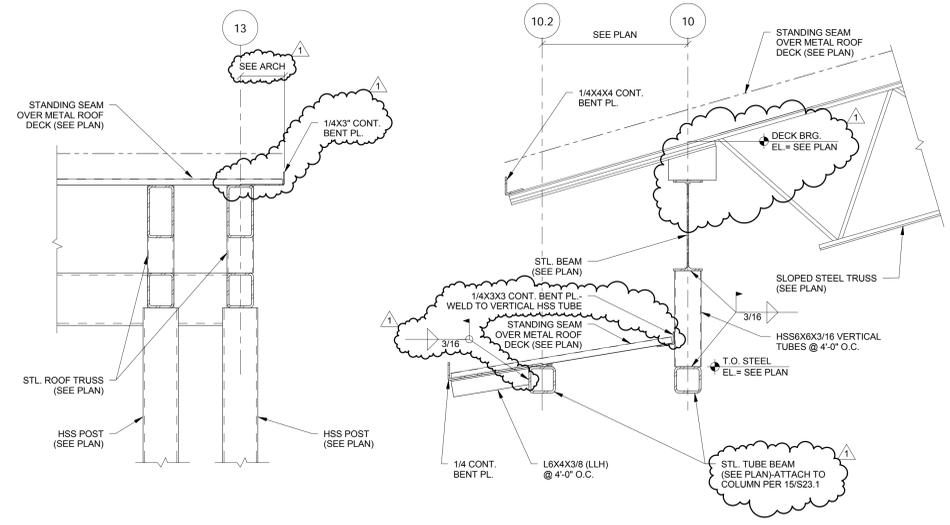
■ PROJECT DATE:  
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ATLANTA-FULTON  
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STEEL JOIST  
ELEVATIONS

S22.1



METAL STUD SILL - MINIMUM REQUIREMENTS		
OPNG.	HEADER SIZE	REMARKS
0' - 4'	(2) 600S162-43	SEE DET. BELOW
4' - 8'	(2) 800S162-43	SEE DET. BELOW
8' - 12'	(2) 1000S162-54	SEE DET. BELOW
12' - 14'	(2) 1200S162-54	SEE DET. BELOW

NOTE  
 1. SHEAR, THROUGH PLATE SIZE, NUMBER OF BOLTS AND WELD TO BE DESIGNED FOR FACTORED REACTIONS SHOWN ON STRUCTURAL DRAWINGS CONSIDERING ALL APPLICABLE LIMIT STATES SET FORTH IN AISC.  
 2. TF = BEAM FLANGE THICKNESS  
 3. CONTINUITY PLATE STEEL GRADE SHALL MARK THE BEAM STEEL GRADE.  
 4. WELD BACKING AND RUNOFF TABS SHALL BE REMOVED FROM CJP FLANGE WELDS

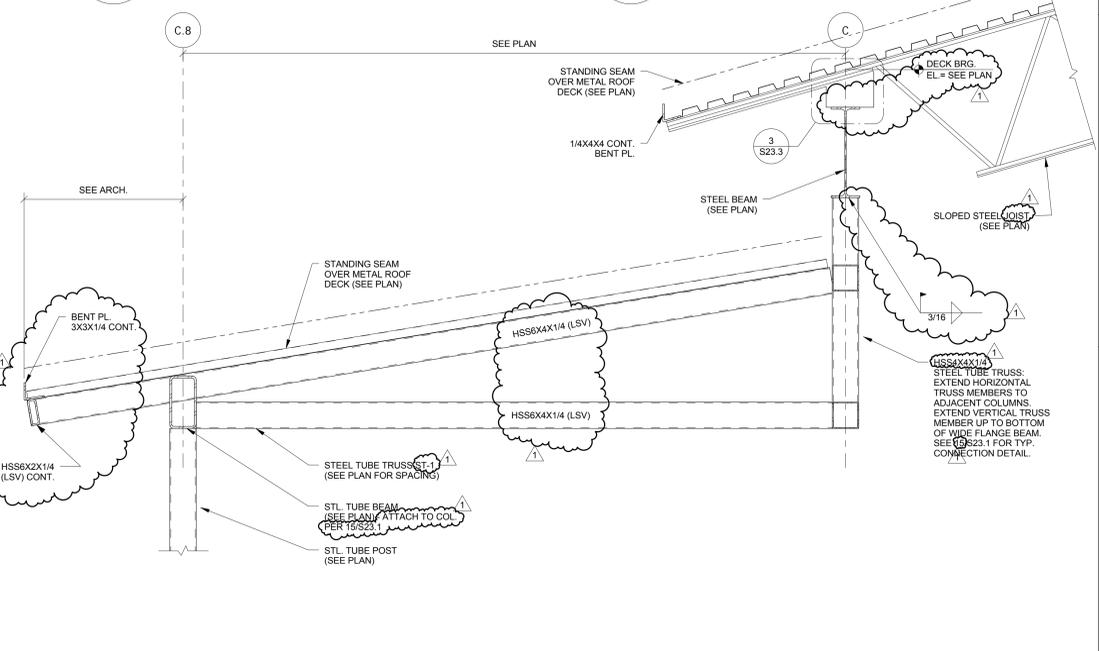
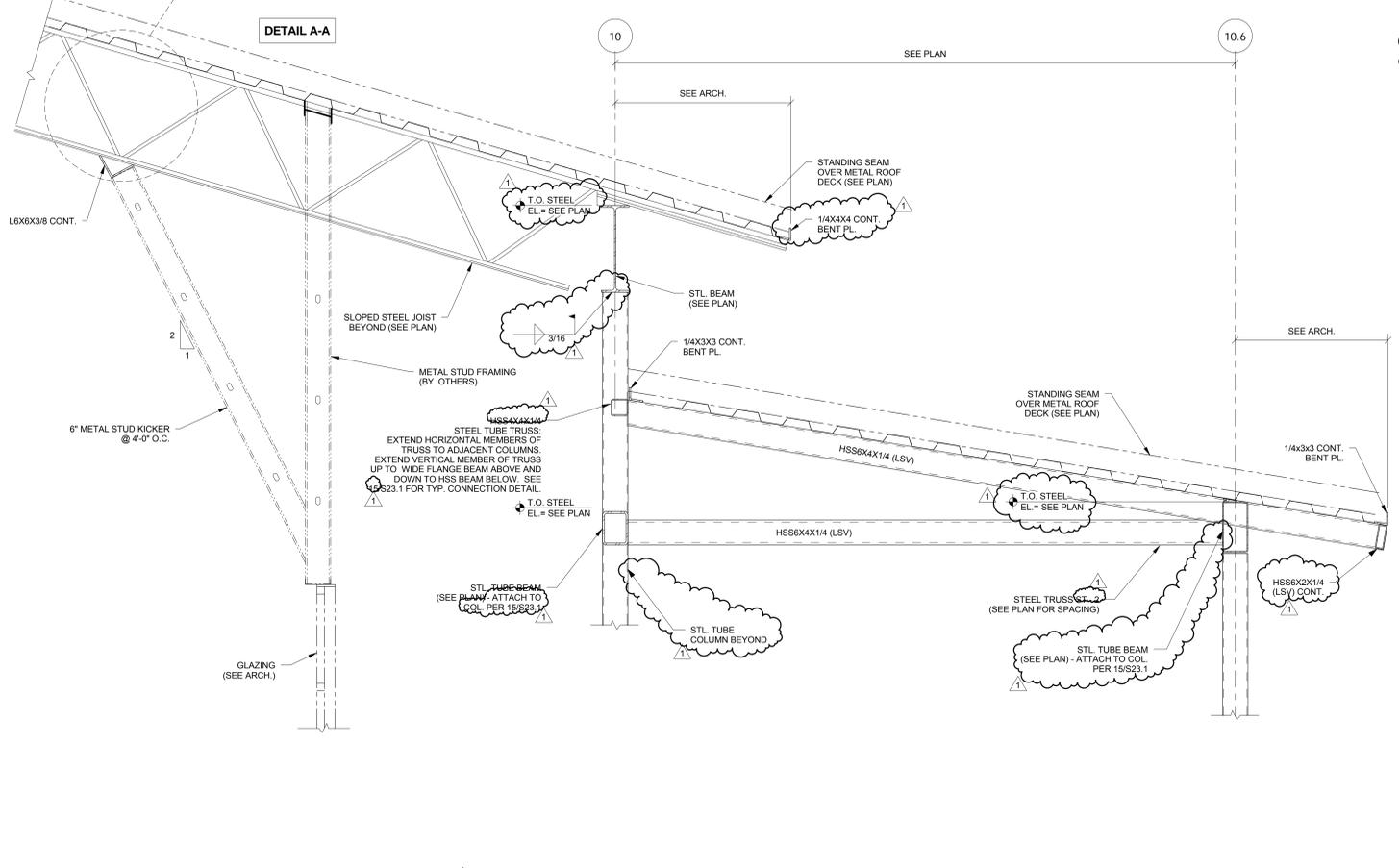
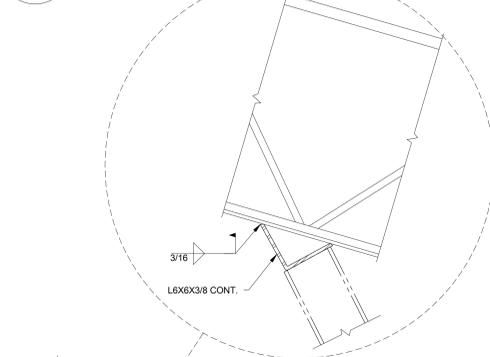
**5** SECTION AT PORCH 1  
 S23.3 3/4" = 1'-0"

**4** SECTION AT WINDOW ALONG GRID 10.2  
 S23.3 3/4" = 1'-0"

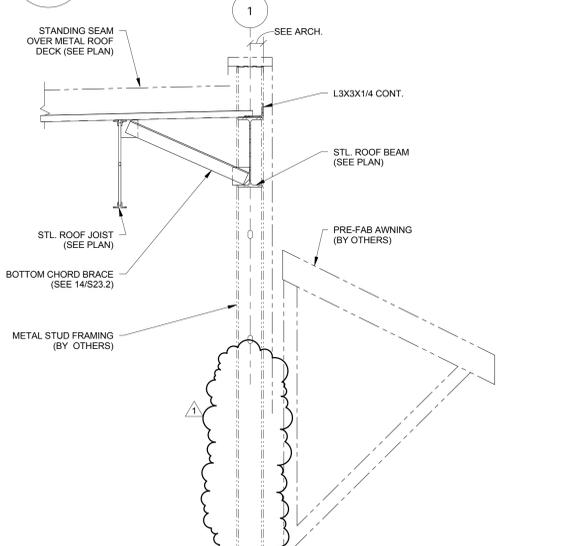
**3** DETAIL  
 S23.3 1 1/2" = 1'-0"

**2** TYPICAL BEAM-TO-COLUMN MOMENT CONNECTION  
 S23.3 3/4" = 1'-0"

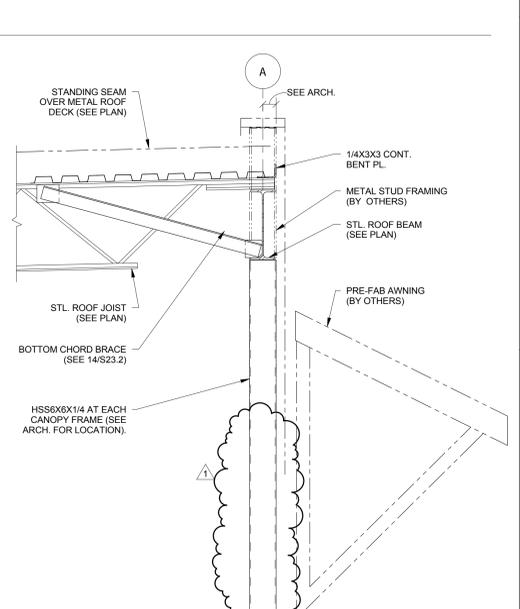
**1** METAL STUD SILL SCHED.  
 S23.3 1" = 1'-0"



**7** SECTION AT PORCH (STEEL TRUSS ST - 1)  
 S23.3 3/4" = 1'-0"



**12** SECTION AT PRE-FAB CANOPY (PERPENDICULAR)  
 S23.3 3/4" = 1'-0"



**11** SECTION AT PRE-FAB CANOPY  
 S23.3 3/4" = 1'-0"

**15** SECTION AT PORCH (STEEL TRUSS ST - 2)  
 S23.3 3/4" = 1'-0"

**SUBMITTALS**

DATE	DESCRIPTION
06/07/2013	DESIGN DEVELOPMENT PRICING
07/19/2013	DESIGN DEVELOPMENT
10/18/2013	50% CONSTRUCTION DOCUMENTS
10/29/2013	50% CD PRICING UPDATE
12/03/2013	GMP SET

**REVISIONS**

DATE	DESCRIPTION
12/17/13	ADDENDUM 1

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STEEL FRAMING  
 DETAILS

**S23.3**

■ SUBMITTALS

DATE	DESCRIPTION
10/29/2013	50% CD PRICING UPDATE
12/03/2013	GMP SET

■ REVISIONS

DATE	DESCRIPTION
12/17/13	ADDENDUM 1

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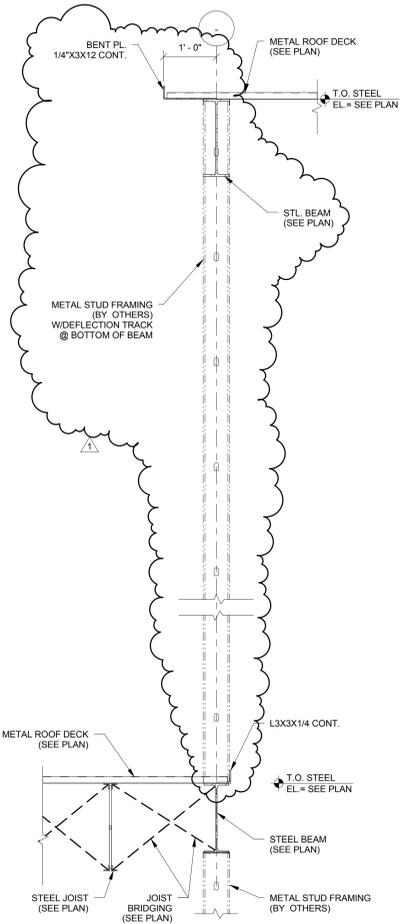
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Issue Date

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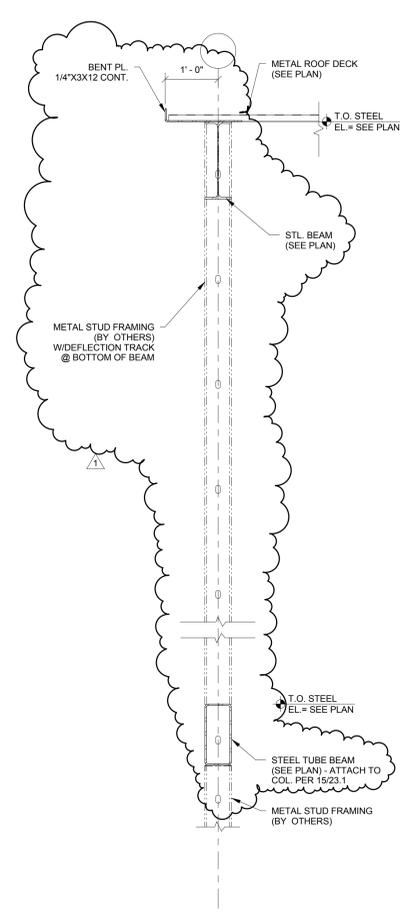
855 MAYFIELD ROAD  
MILTON, GA 30009

STEEL FRAMING  
DETAILS

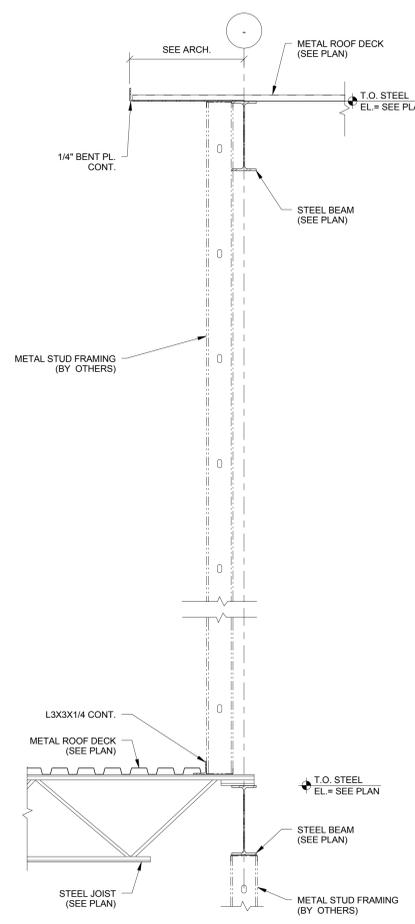
S23.4



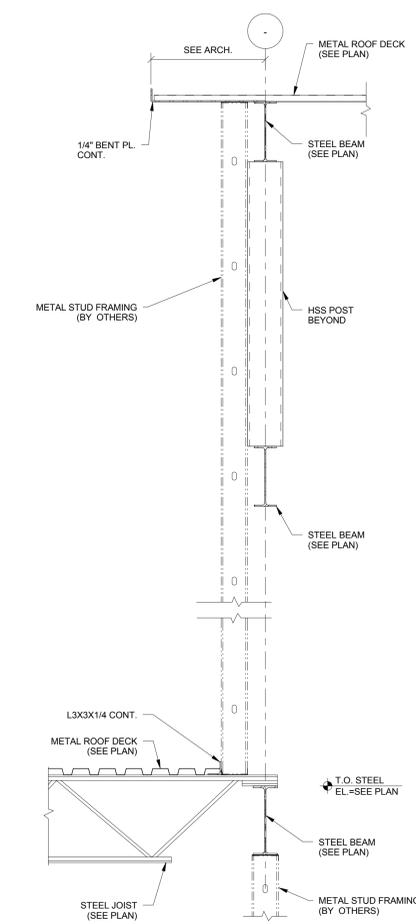
5 SECTION ALONG 11  
S23.4 3/4" = 1'-0"



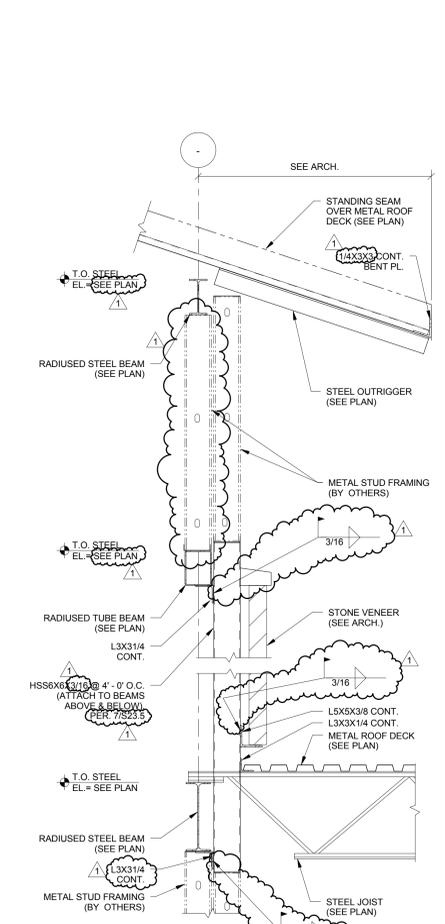
4 SECTION ALONG 13  
S23.4 3/4" = 1'-0"



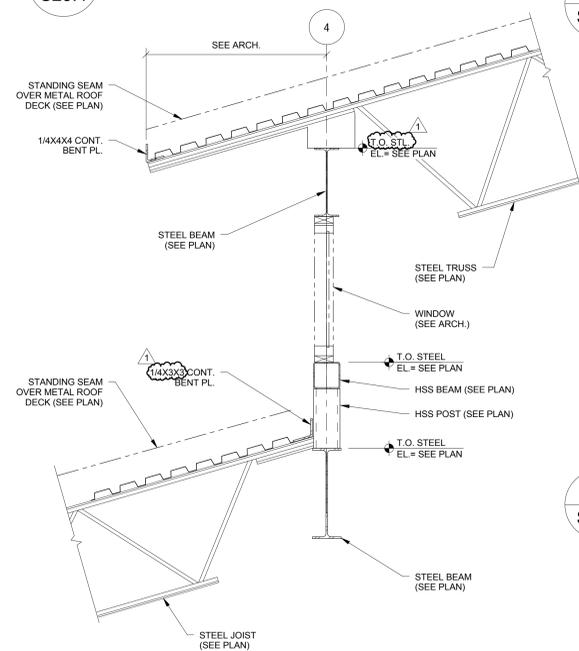
3 SECTION ALONG E AT STEEL BEAM  
S23.4 3/4" = 1'-0"



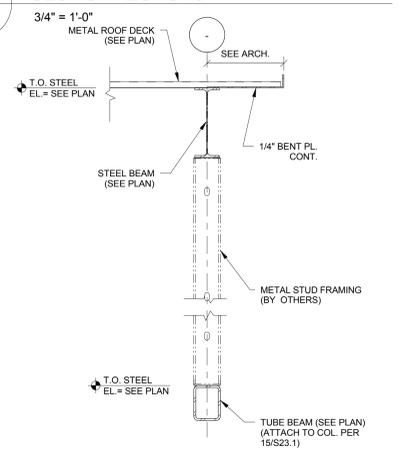
2 SECTION ALONG E BETWEEN 4 & 6  
S23.4 3/4" = 1'-0"



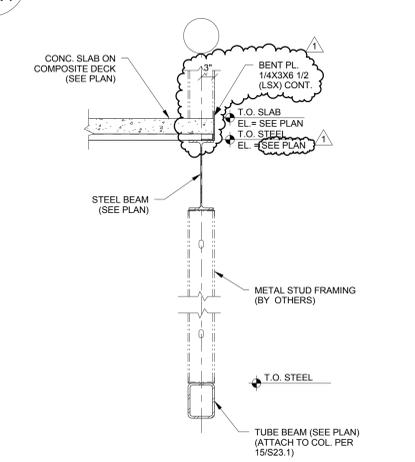
1 TYP. SECTION AT ENTRY LOBBY  
S23.4 3/4" = 1'-0"



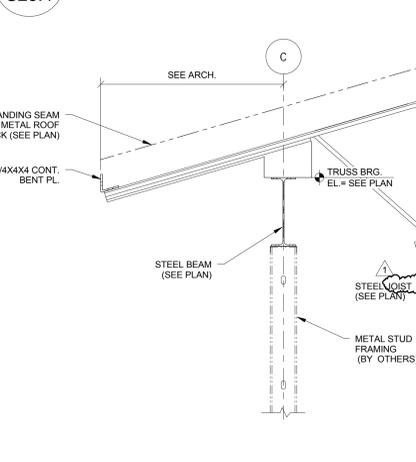
15 TYP. ROOF SECTION ALONG 4 & 6  
S23.4 3/4" = 1'-0"



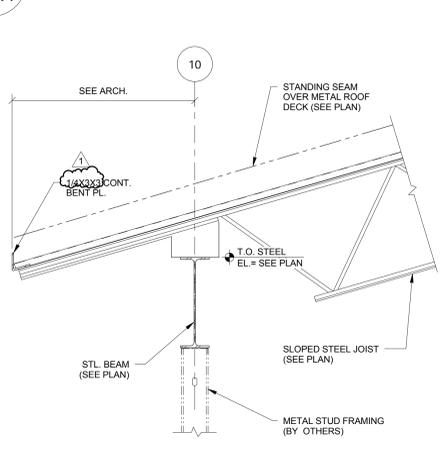
9 SECTION ALONG J AT ROOF  
S23.4 3/4" = 1'-0"



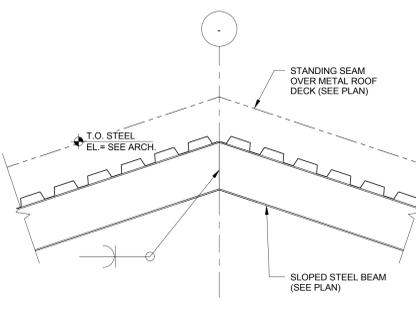
8 SECTION ALONG K AT MECH. MEZZ.  
S23.4 3/4" = 1'-0"



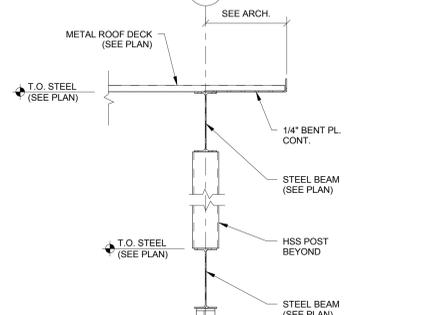
7 TYP. ROOF SECTION ALONG C & A1  
S23.4 3/4" = 1'-0"



6 TYP. ROOF SECTION ALONG 10 & 2  
S23.4 3/4" = 1'-0"

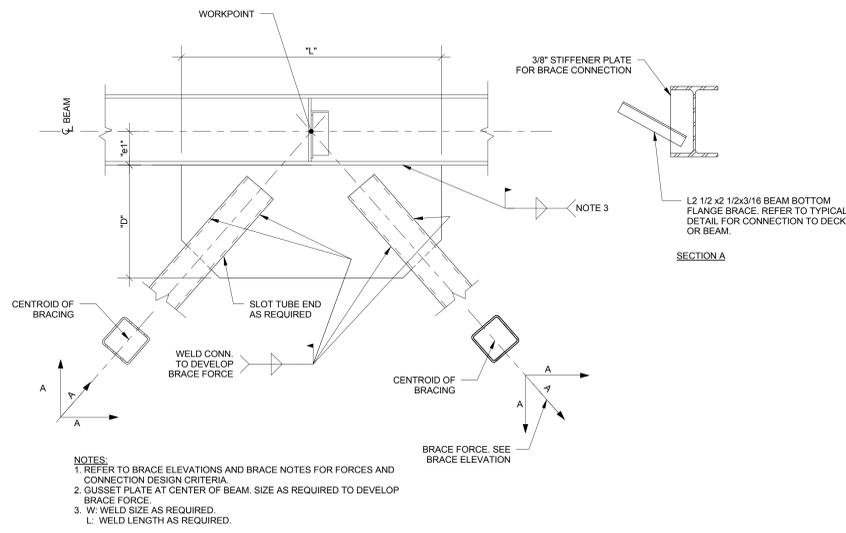


12 SECTION AT CENTER OF ENTRY LOBBY  
S23.4 1" = 1'-0"

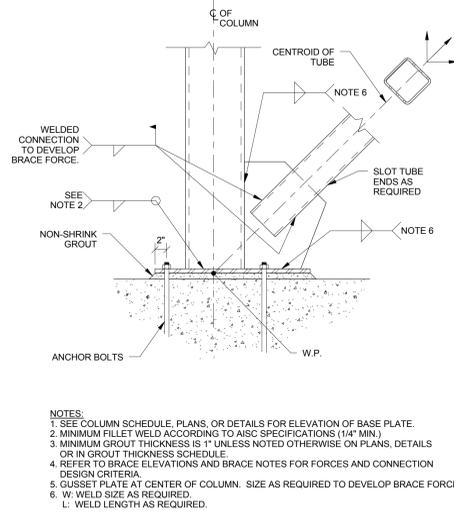


11 SECTION ALONG K AT ROOF  
S23.4 3/4" = 1'-0"

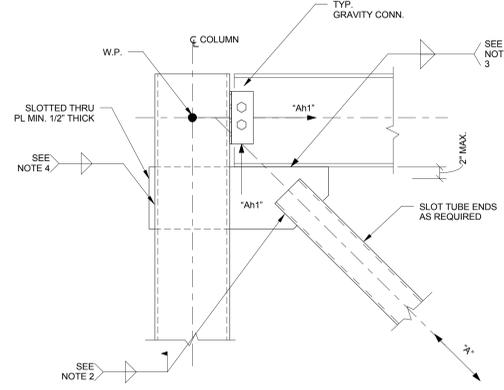




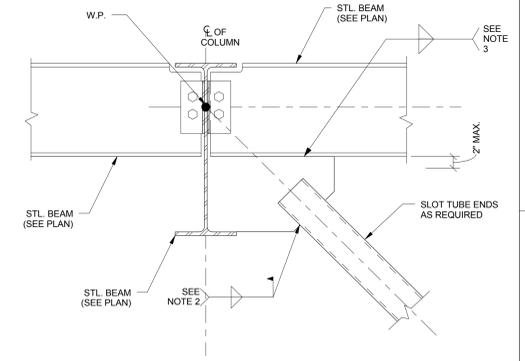
**5**  
**S51.1** TUBE K BRACE TO BEAM CONNECTION  
1" = 1'-0"



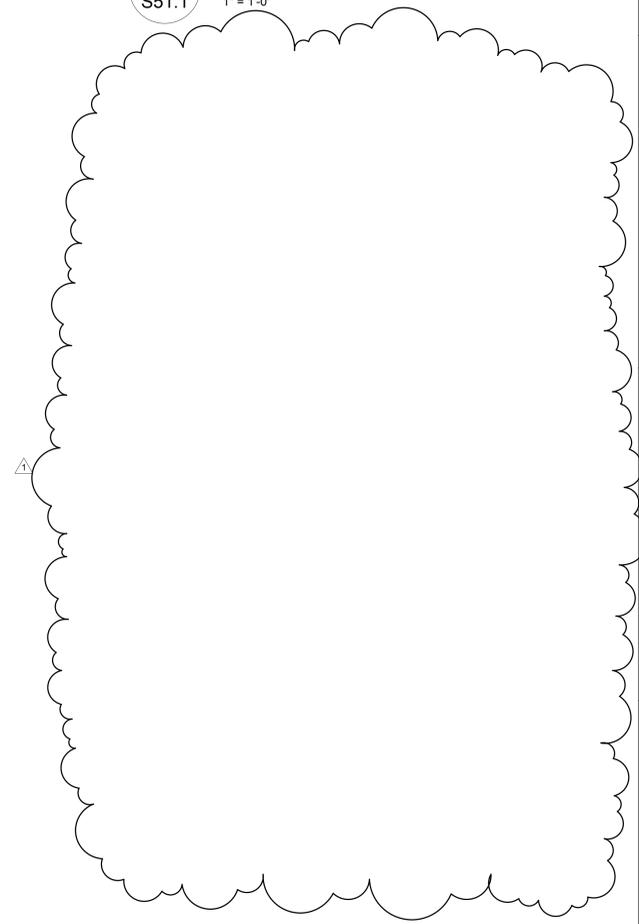
**3**  
**S51.1** TYPICAL DETAIL TUBE TO HSS COLUMN FOUNDATION CONNECTION  
1" = 1'-0"



**2**  
**S51.1** BRACE FRAME CONNECTION TO HSS COLUMN  
1" = 1'-0"



**1**  
**S51.1** BRACE FRAME DETAIL  
1" = 1'-0"



**■ SUBMITTALS**

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**BRACED FRAME  
DETAILS**