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REQUEST FOR INFORMATION	DATE: May 05, 2016	NO.: RFI-063
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To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

Project Name: Webster University Interdisciplinary Science Building Project No.: 15051

Subject: Structural steel - additional detailing questions

Response Required By: May 12, 2016

Drawing / Spec Reference:

Information Requested:

1. Please provide the dimension or confirm the slope = 1:1.
4. Please provide the beam size on S0106.
5. Please provide the EOS dimension on S0107.
6. Please provide the dimension on S0107.
7. & 9. Please provide the HSS size on S0302, S0303.
8. Please provide these dimensions regarding the 1/2" plate on S0303.

Response:

See response in blue text.

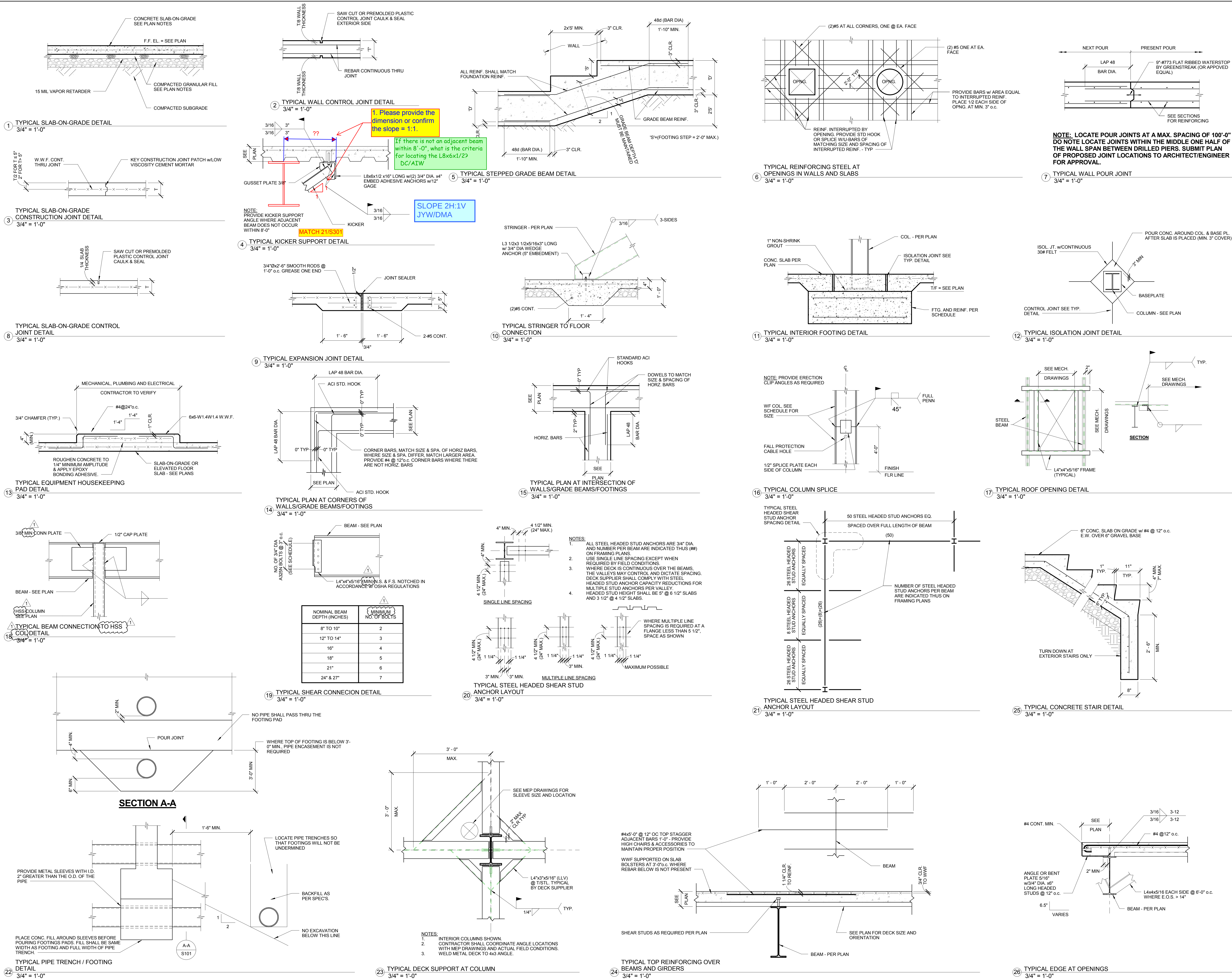
ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

Answered By: Jill Walker & Kelvin Patel

Date: 05/12/2016

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1/20/2016 11:26:26 AM



Webster University
Interdisciplinary Science Building

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1	ADDENDUM 1-1	29 JAN 2016
-	ISSUED FOR CONSTRUCTION (BP1)	15 JAN 2016
No.	Description	Date

Drawing Title:

TYPICAL DETAILS

Project No.: 04561.01

Checked by:

S0002

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LEVEL 02 FLOOR FRAMING PLAN NOTES:
1. FLOOR CONSTRUCTION: 4 1/2" NORMAL WEIGHT CONCRETE SLAB REINFORCED WITH 6#6, W2.9W2.9 W.F. ON 2'x18 GA. GALVANIZED (G90 AT GREEN ROOF AND PAVER SYSTEMS) COMPOSITE METAL DECK BY VULCRAFT OR ENGINEER APPROVED EQUAL WITH THE FOLLOWING MINIMUM PROPERTIES: $f_y = 0.55 f_{yHSL}$, $f_u = 0.46 f_{uHSL}$, $F_y = 50$ ksi, $S_x = 0.054$ IN⁴/IN² LOCATE W.W.F. 1" CLEAR FROM TOP OF CONCRETE. WELD COMPOSITE METAL DECK TO ALL INTERIOR SUPPORTING STEEL EDGE RISBS OF PANELS AT EACH SUPPORT AND ALONG ALL SUPPORTING PERIMETER EDGE AND SLAB EDGE STEEL WITH 3/8" DIAMETER PLUG WELDS @ 12" O.C. MAXIMUM. PROVIDE #10 TEK SCREW SIDE LAP CONNECTIONS AT 36" O.C. MAXIMUM BETWEEN SUPPORTS. (TOTAL SLAB THICKNESS = 6 1/2").
2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.
3. FOR COLUMN SCHEDULE, SEE SHEETS S0500 THRU S0502.
4. COORDINATE ALL FLOOR OPENINGS WITH MECHANICAL DRAWINGS.
5. FINISHED FLOOR ELEVATION = 100'-0", U.N.O.
6. TOP OF STRUCTURAL STEEL ELEVATION = 99'-5 1/2", U.N.O.
7. TOP OF STRUCTURAL STEEL ELEVATION = BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED THUS (-XX") ON PLAN REFERENCED FROM BOTTOM OF METAL DECK ELEVATION.
8. FOR COMPOSITE BEAM NOTES AND TYPICAL COMPOSITE BEAM DETAILS, SEE SHEETS S0002 THRU S0003.

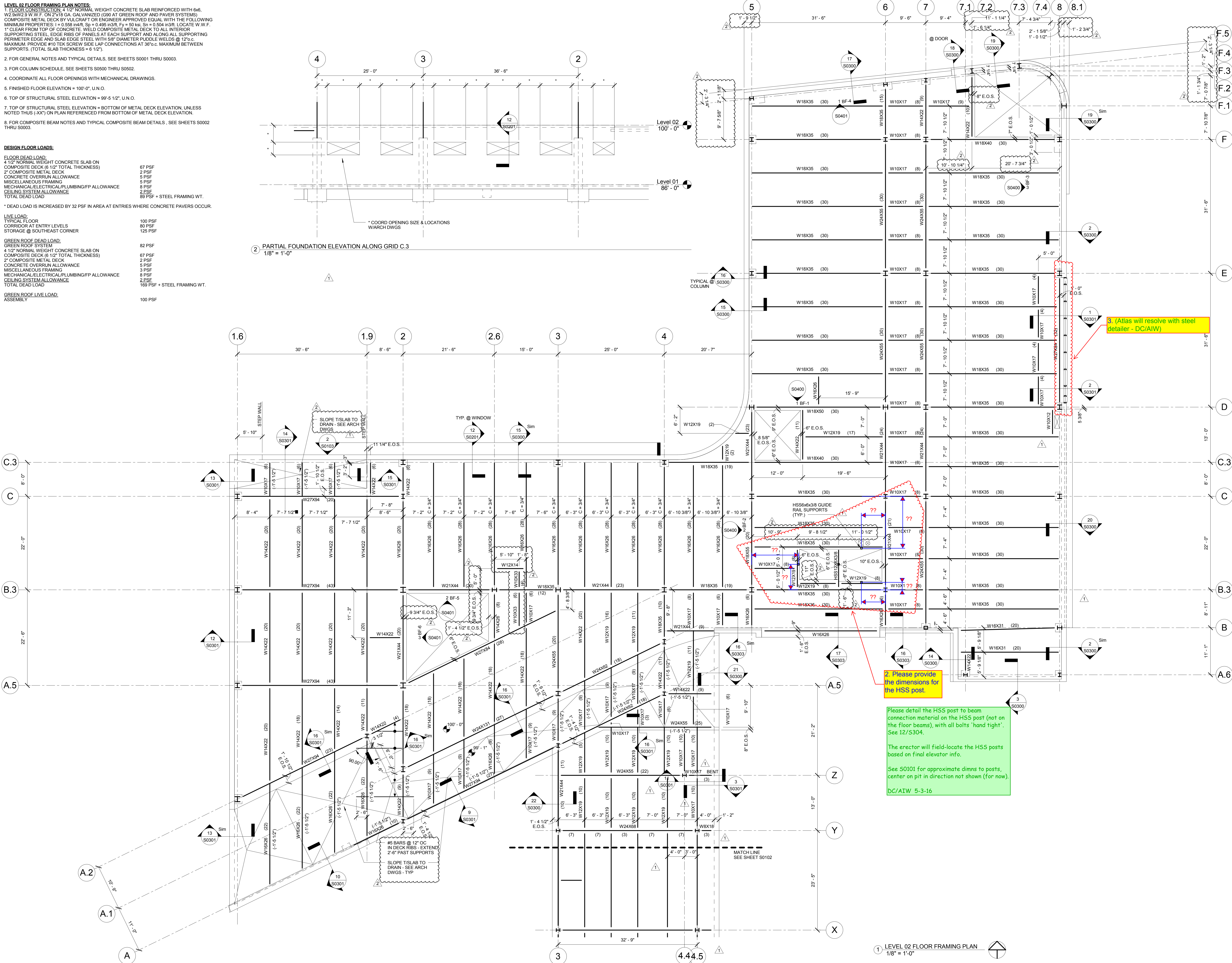
DESIGN FLOOR LOADS:
FLOOR DEAD LOAD:
4 1/2" NORMAL WEIGHT CONCRETE SLAB ON COMPOSITE DECK (6 1/2" TOTAL THICKNESS) 67 PSF
2" COMPOSITE METAL DECK 2 PSF
CONCRETE OVERRUN ALLOWANCE 5 PSF
MISCELLANEOUS FRAMING 5 PSF
MECHANICAL/ELECTRICAL/PLUMBING/FP ALLOWANCE 8 PSF
CEILING SYSTEM ALLOWANCE 2 PSF
TOTAL DEAD LOAD 89 PSF + STEEL FRAMING WT.
* DEAD LOAD IS INCREASED BY 32 PSF IN AREA AT ENTRIES WHERE CONCRETE PAVERS OCCUR.

LIVE LOAD:
TYPICAL FLOOR 100 PSF
CORRIDOR AT ENTRY LEVELS 80 PSF
STORAGE @ SOUTHEAST CORNER 125 PSF

GREEN ROOF DEAD LOAD:
GREEN ROOF SYSTEM 82 PSF
4 1/2" NORMAL WEIGHT CONCRETE SLAB ON COMPOSITE DECK (6 1/2" TOTAL THICKNESS) 67 PSF
2" COMPOSITE METAL DECK 2 PSF
CONCRETE OVERRUN ALLOWANCE 5 PSF
MISCELLANEOUS FRAMING 3 PSF
MECHANICAL/ELECTRICAL/PLUMBING/FP ALLOWANCE 8 PSF
CEILING SYSTEM ALLOWANCE 2 PSF
TOTAL DEAD LOAD 169 PSF + STEEL FRAMING WT.

GREEN ROOF LIVE LOAD:
ASSEMBLY 100 PSF

2. PARTIAL FOUNDATION ELEVATION ALONG GRID C.3
1/8" = 1'-0"



2	ADDENDUM 1-7	16 MAR 2016
1	ADDENDUM 1-1	29 JAN 2016
1	ISSUED FOR CONSTRUCTION (BP1)	15 JAN 2016
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Drawing Title:

LEVEL 02 FLOOR
FRAMING PLAN

Project No.: 04561.01 Checked by:

S0103

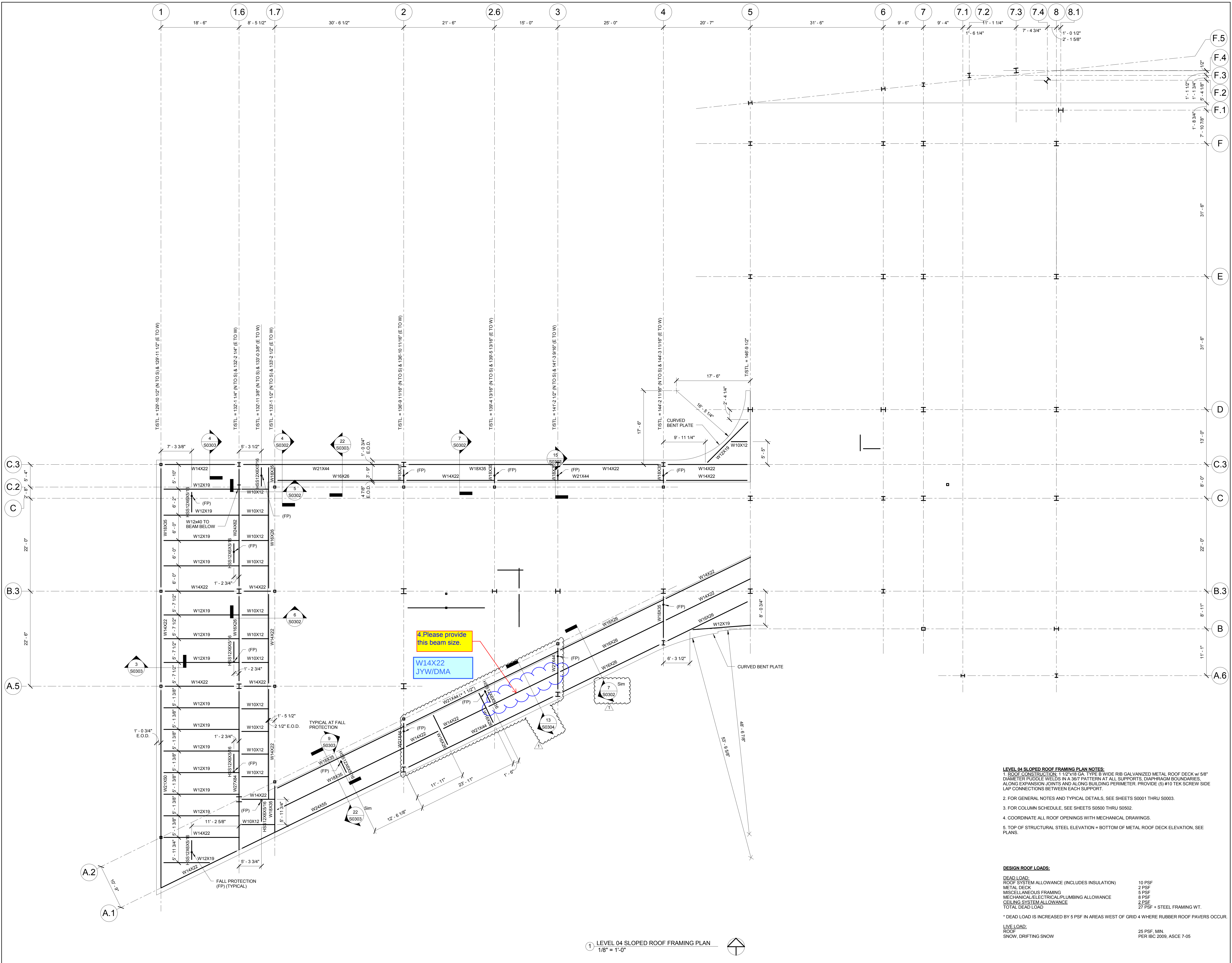
1. ADDENDUM 1-7	16 MAR 2016
2. ISSUED FOR CONSTRUCTION (BP1)	15 JAN 2016
No.	Description Date

Drawing Title:

LEVEL 04 SLOPED ROOF
FRAMING PLAN

Project No.: 04561.01 Checked by:

S0106



3	ADDENDUM 1-7	16 MAR 2016
2	ADDENDUM 1-3	02 FEB 2016
1	ADDENDUM 1-1	29 JAN 2016
-	ISSUED FOR CONSTRUCTION (BPT)	15 JAN 2016
No.	Description	Date

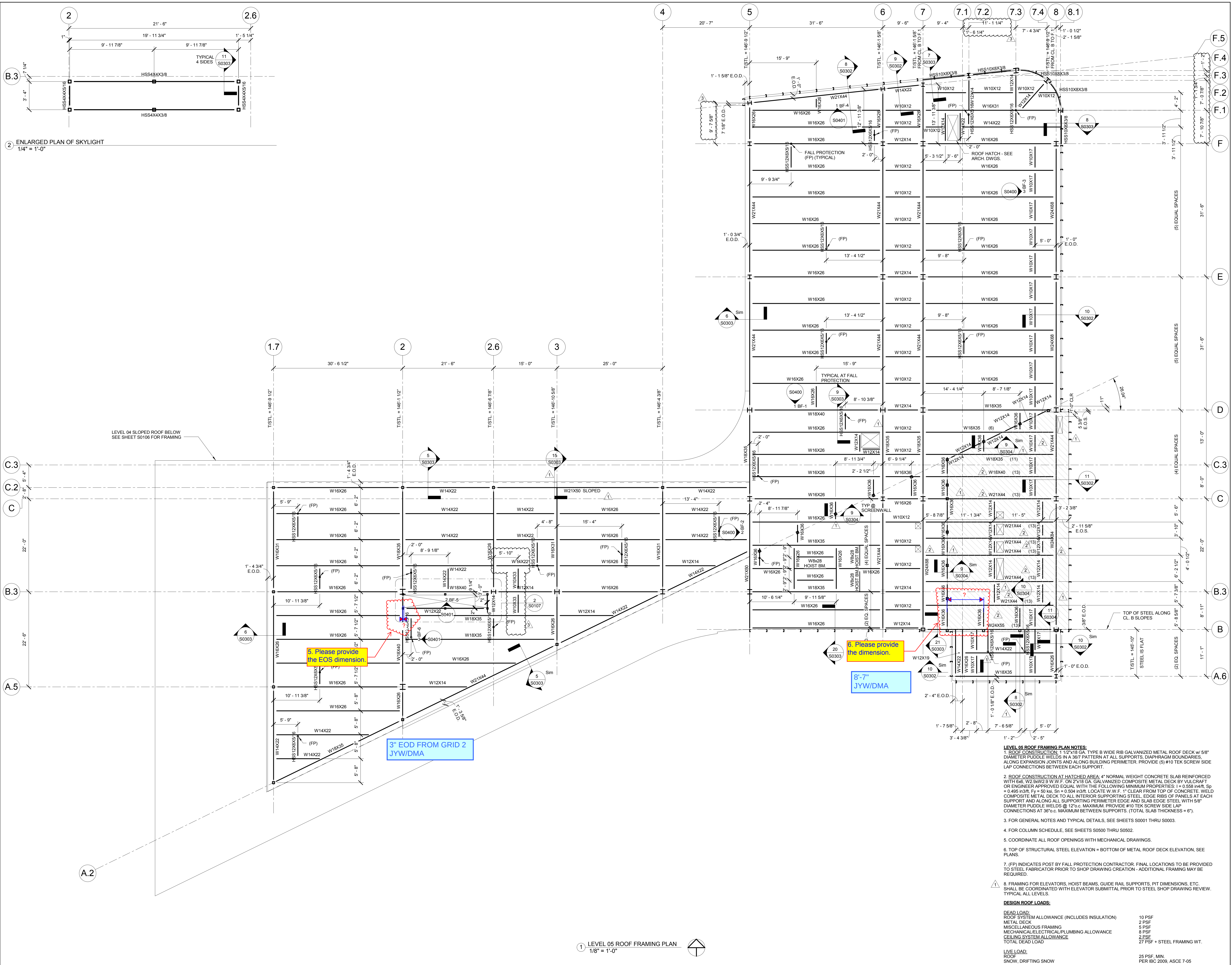
Drawing Title:

LEVEL 05 ROOF FRAMING
PLAN

Project No.: 04561.01

Checked by:

S0107





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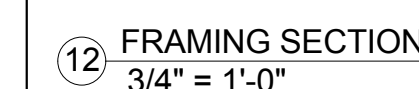
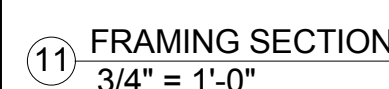
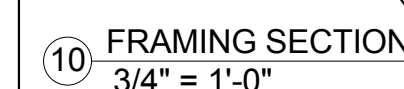
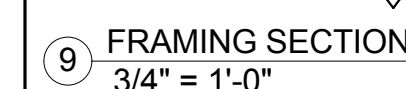
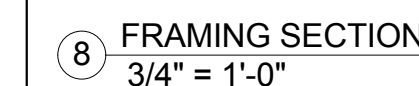
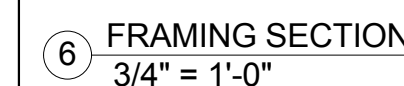
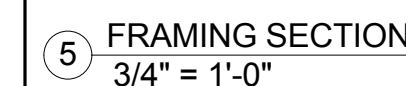
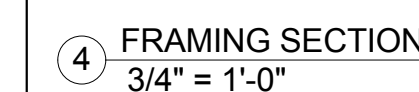
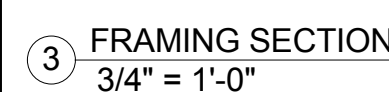
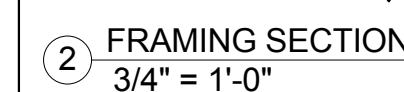
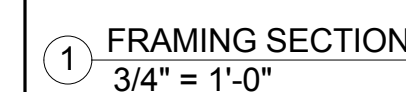
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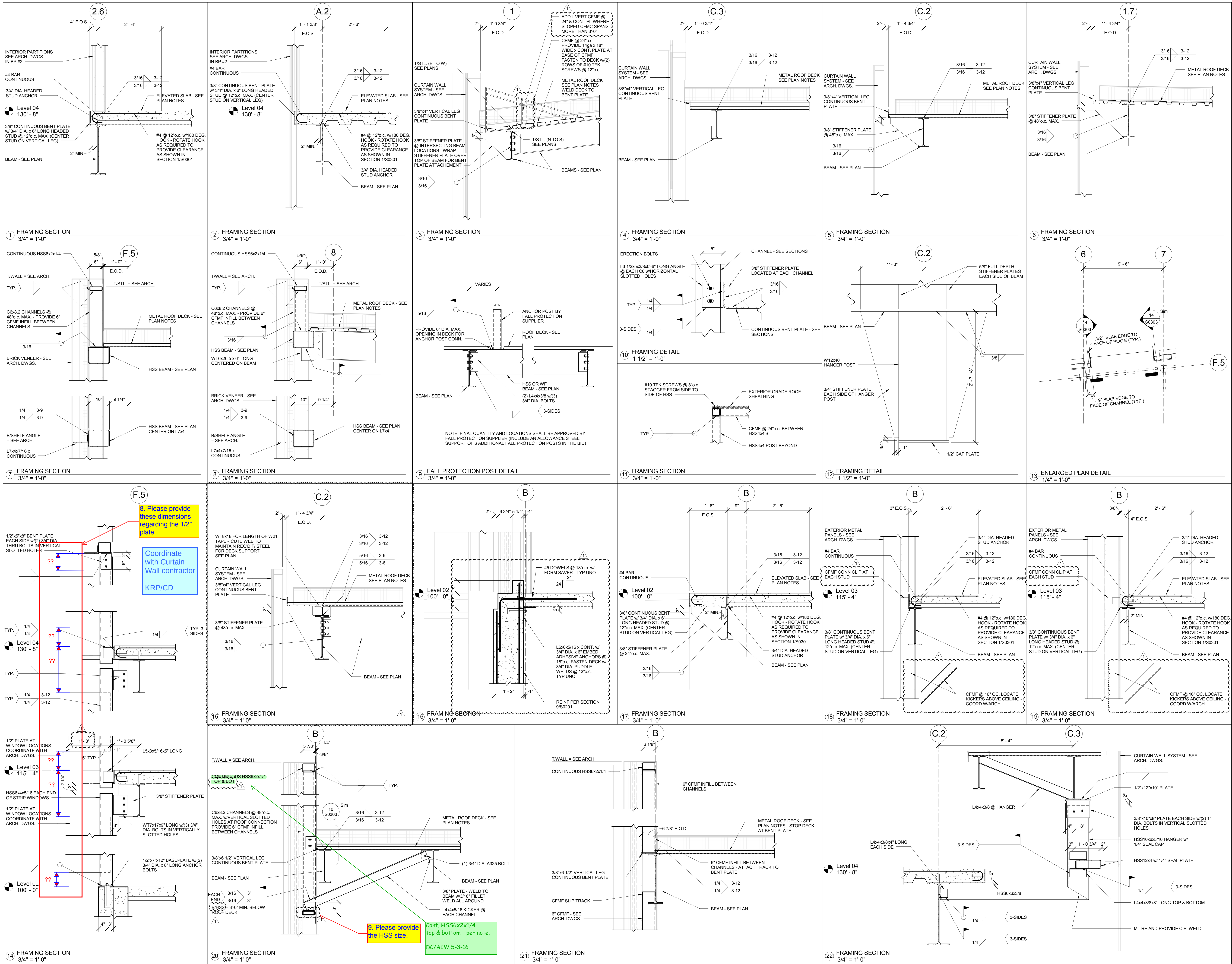
Drawing Title

Project No.: 04561.01 Checked by:

S0302

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8. Please provide these dimensions regarding the 1/2" plate.

Coordinate with Curtain Wall contractor KRP/CD

9. Please provide the HSS size.

Cont. HS56x2x1/4 top & bottom - per note.

DC/AIW 5-3-16

1. ADDENDUM 1-1	29 JAN 2016
ISSUED FOR CONSTRUCTION (BP1)	15 JAN 2016
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Drawing Title:

FRAMING SECTIONS AND DETAILS

Project No.: 04561.01

Checked by:

S0303