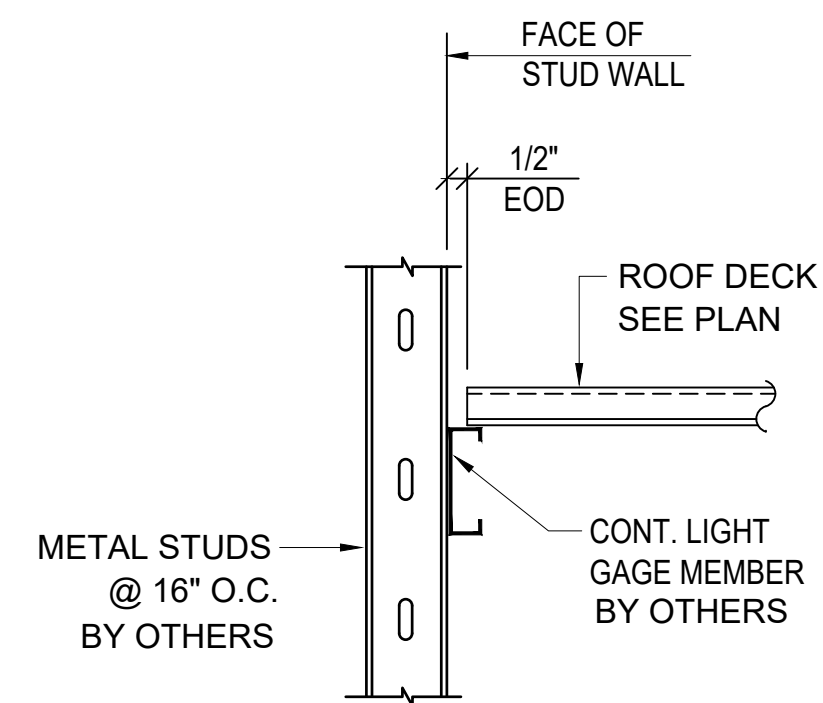
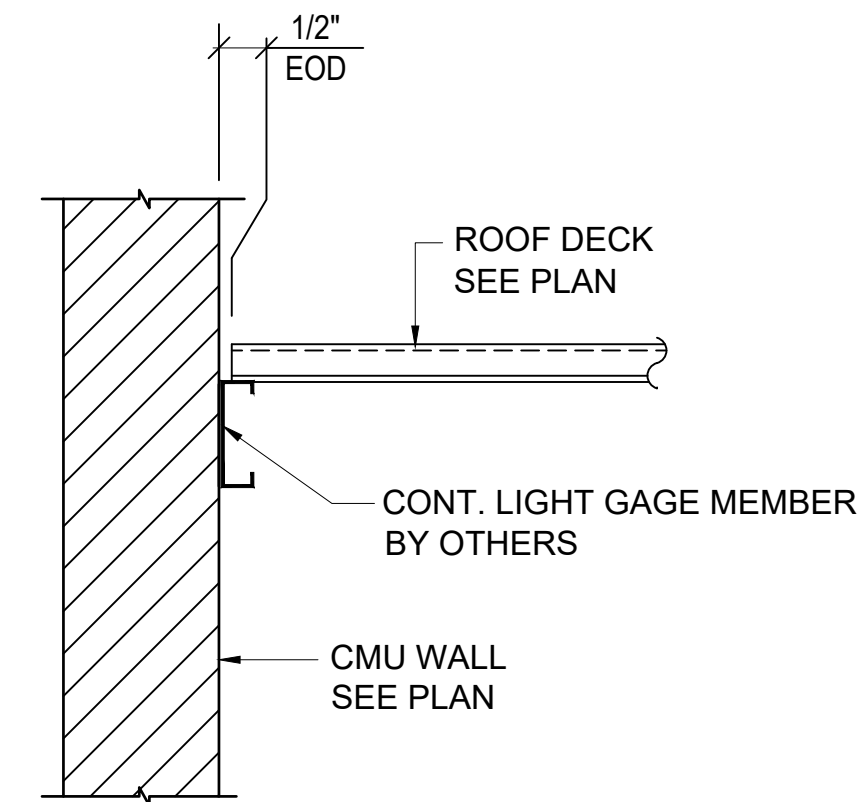
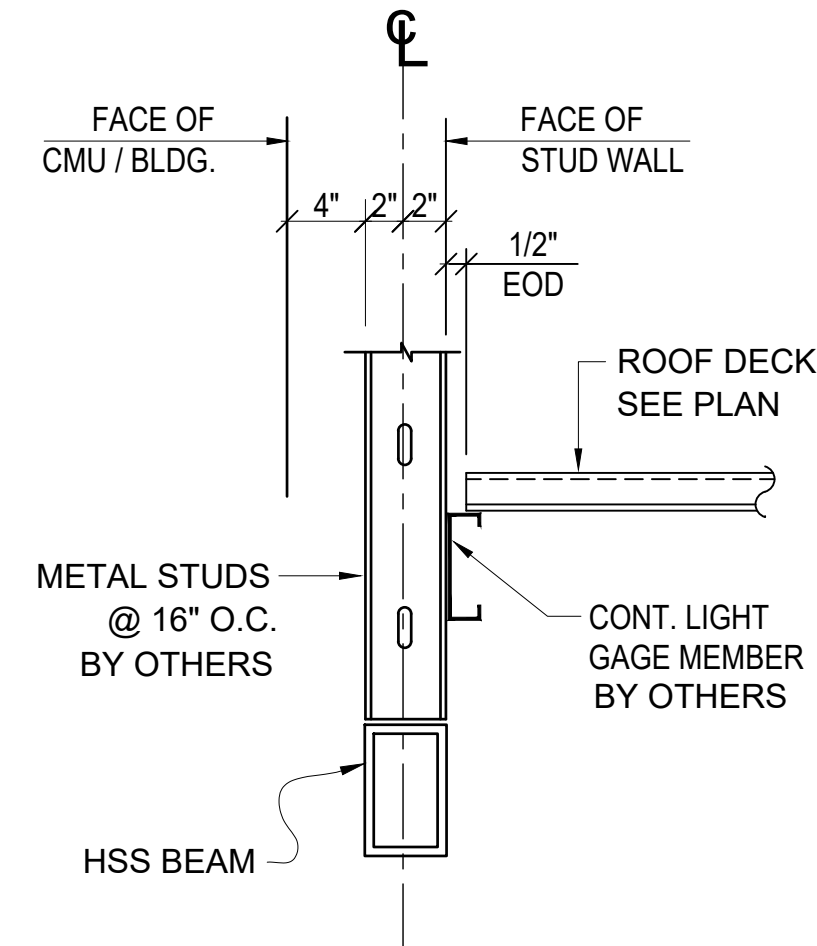




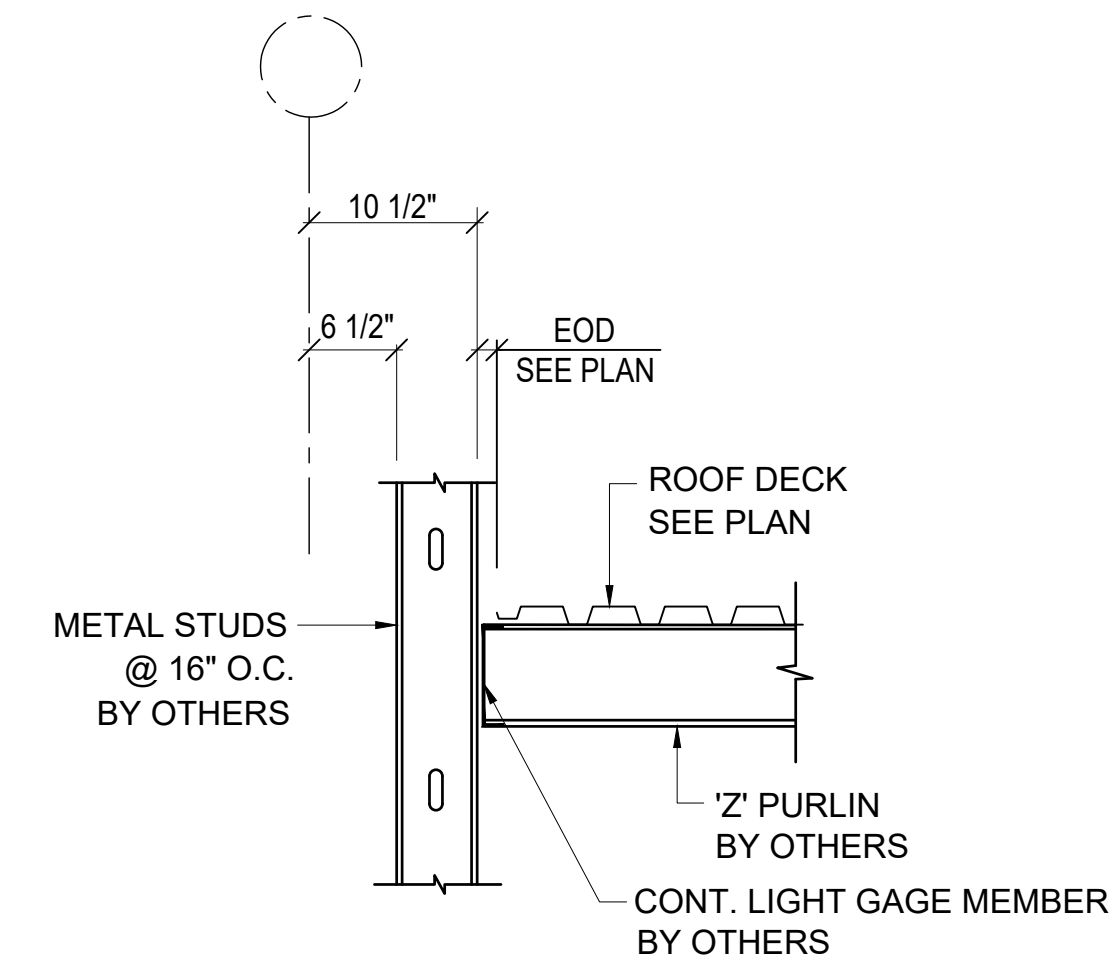
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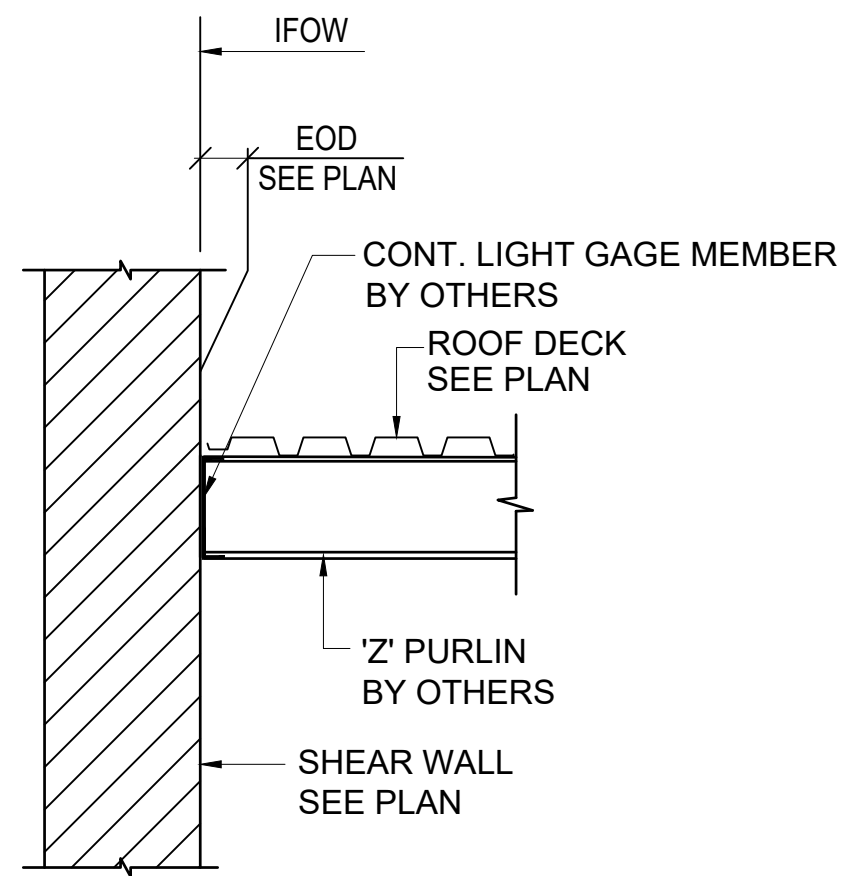
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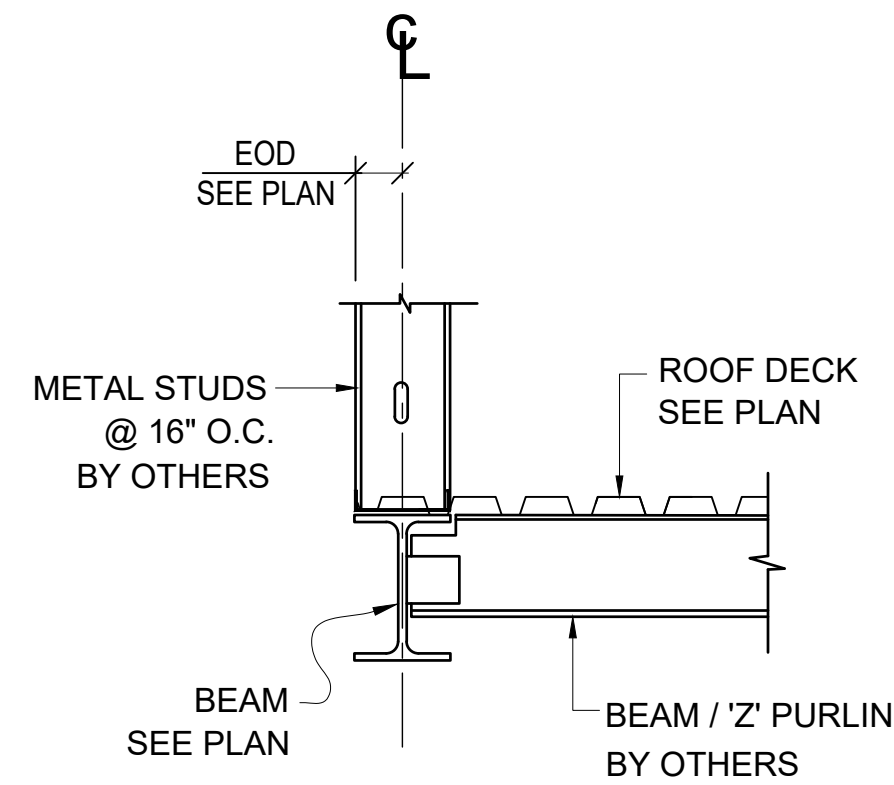
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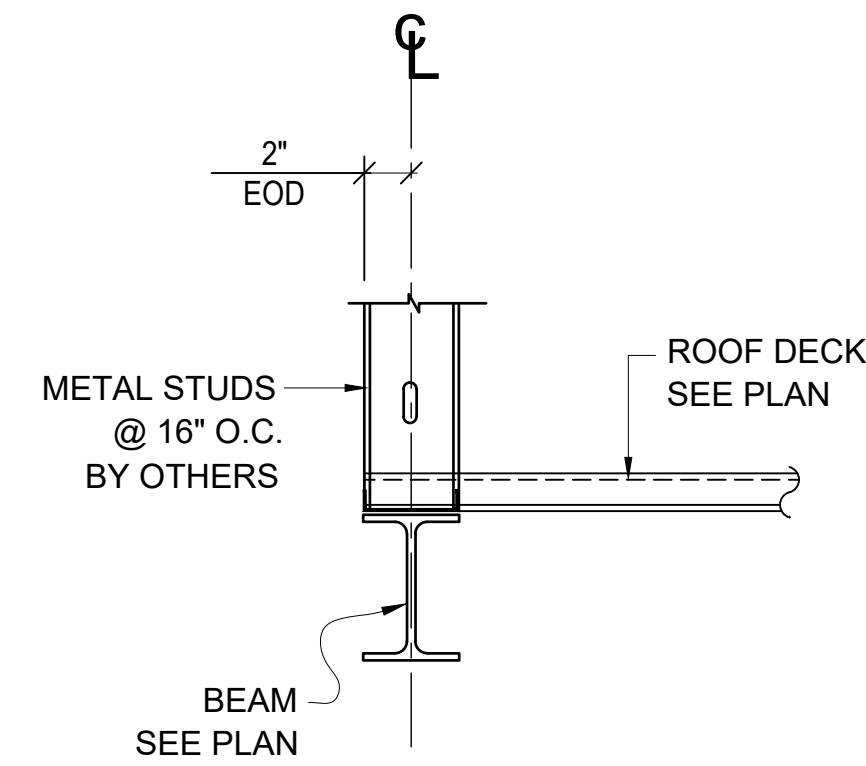
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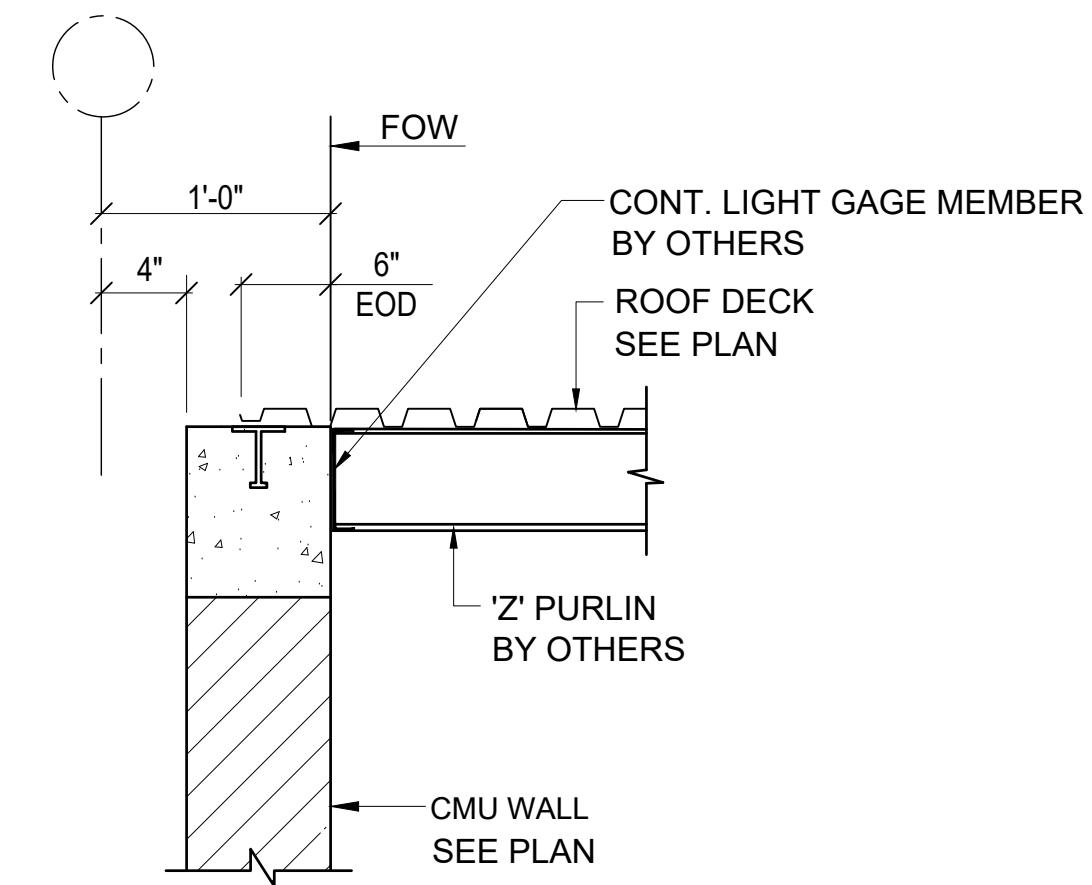
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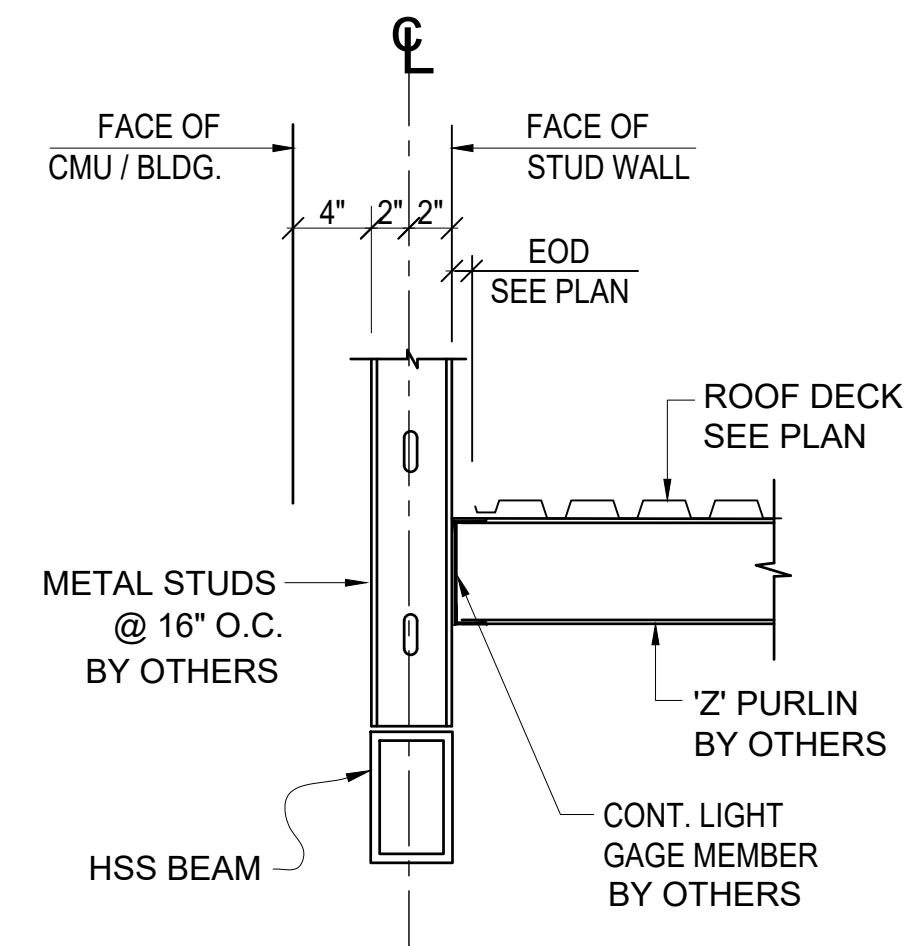
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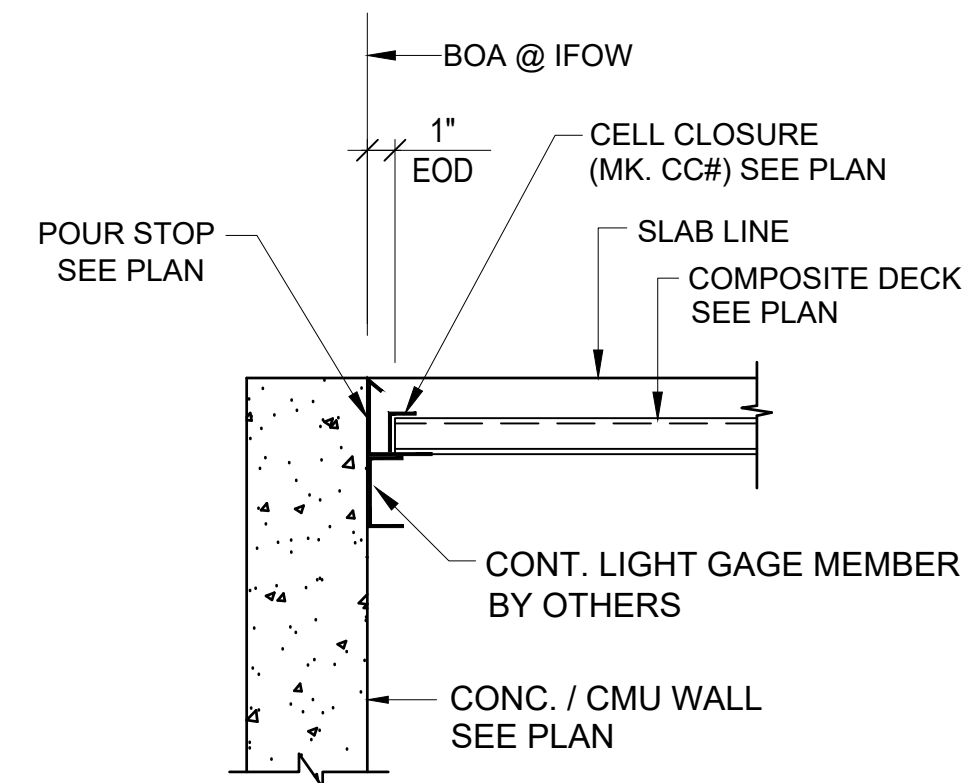
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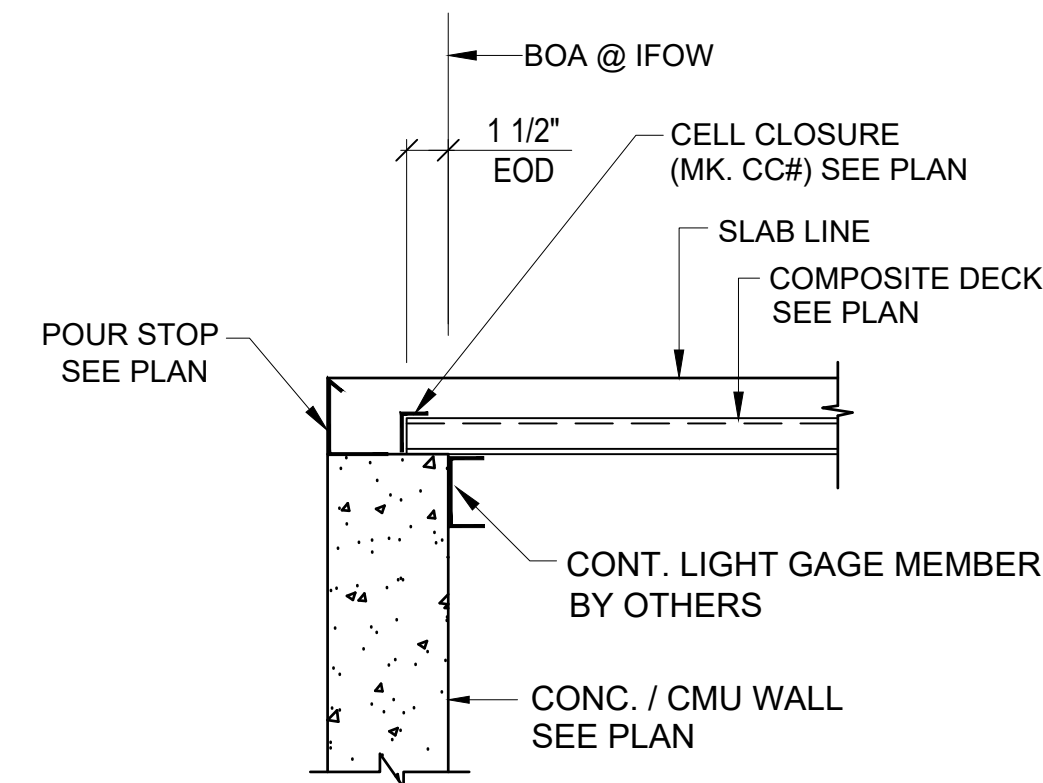
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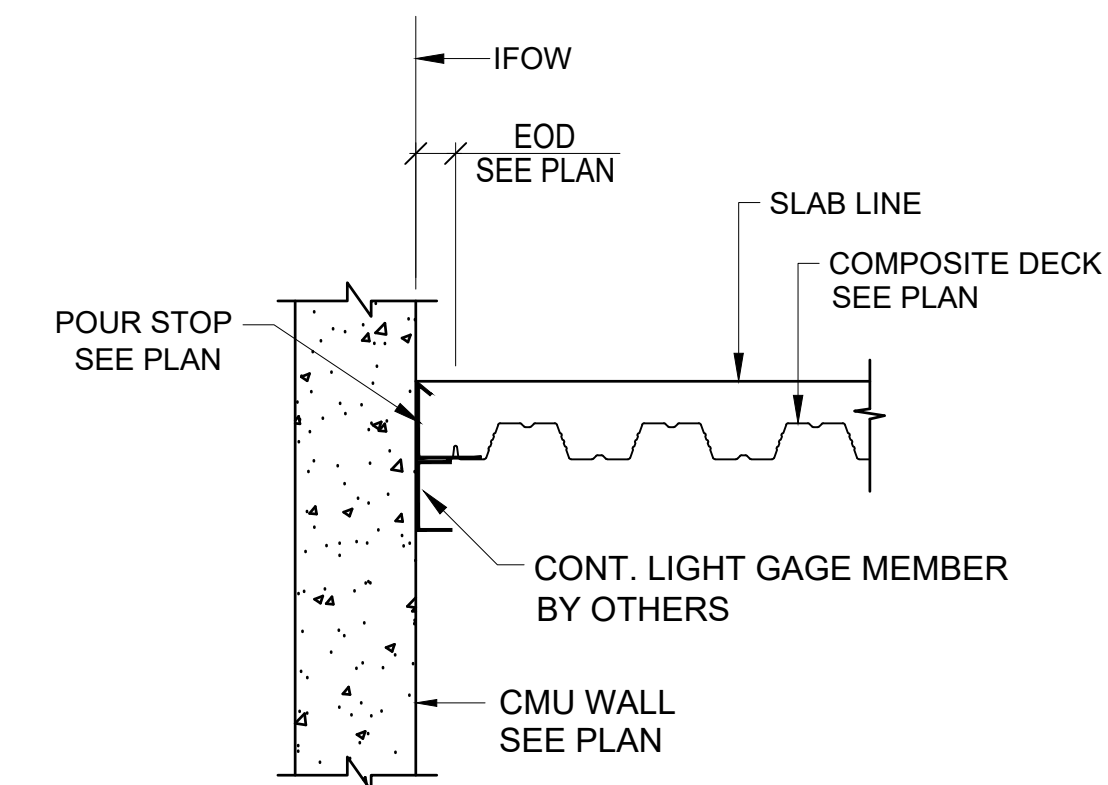
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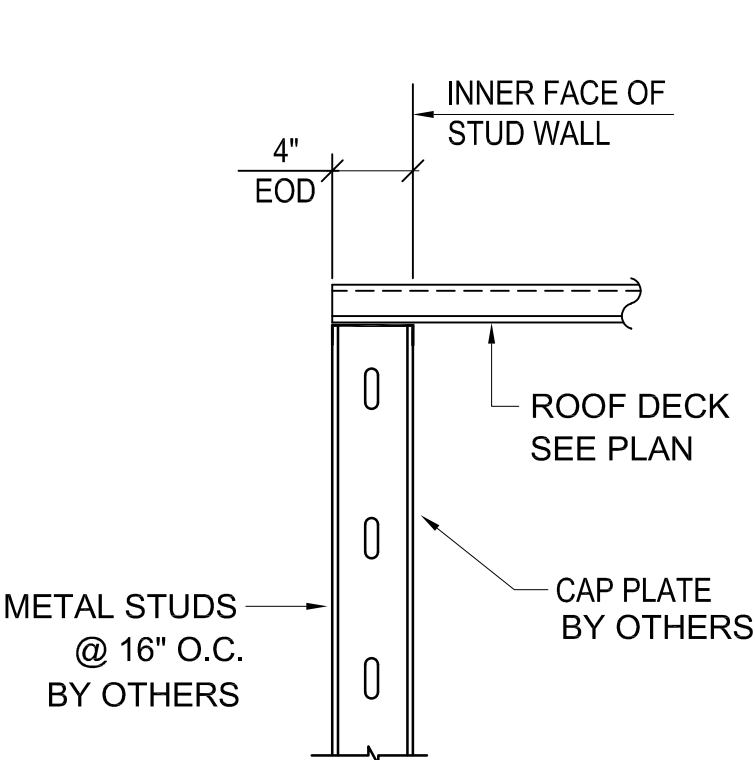
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REF. : 6/S501 (SIM)



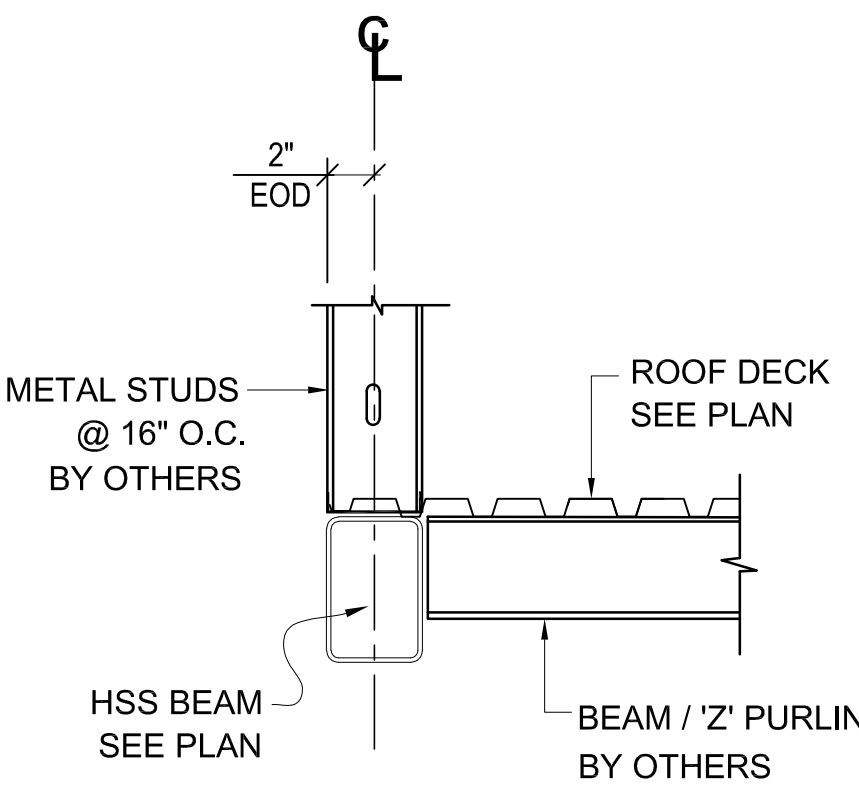
DECK SECTION 11
REF. : 5,5A/S501



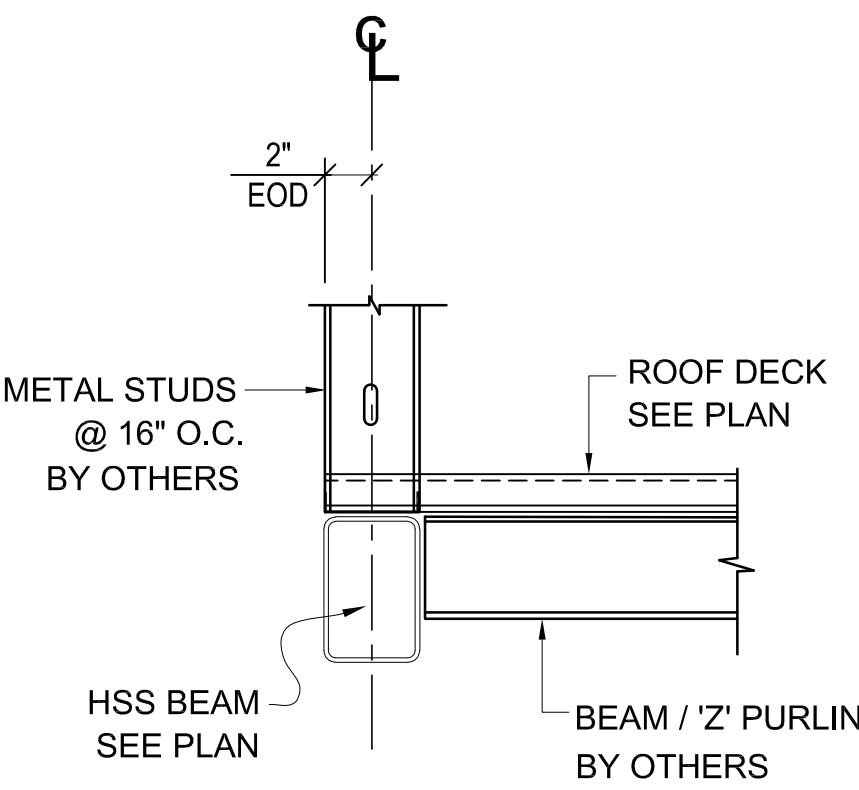
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REF. : 12/S500 (SIM)



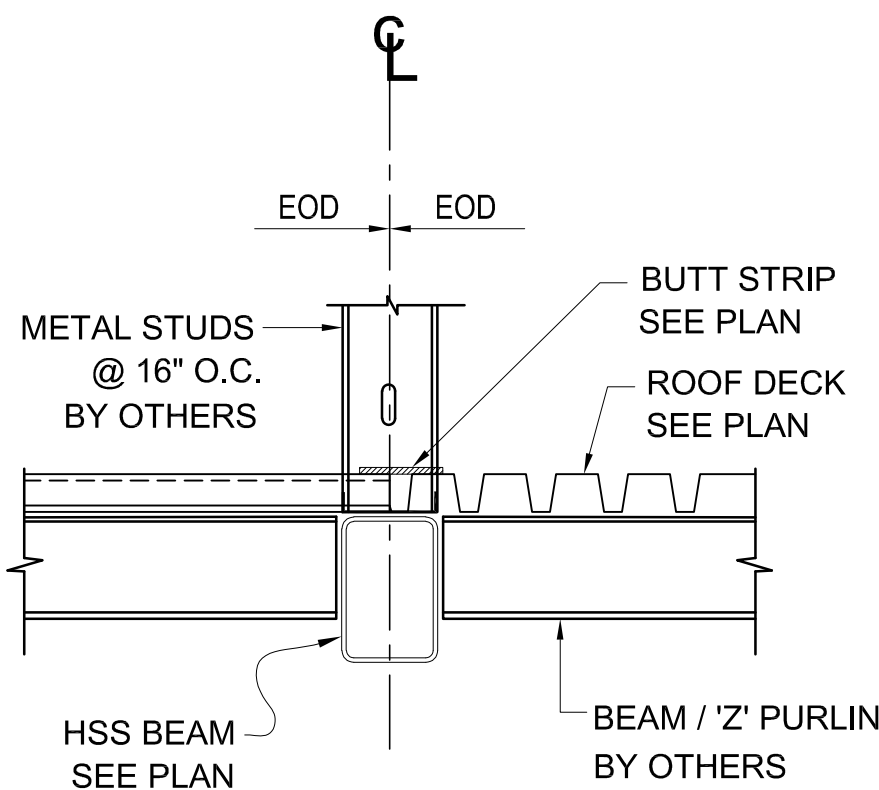
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REF. : 32/A502



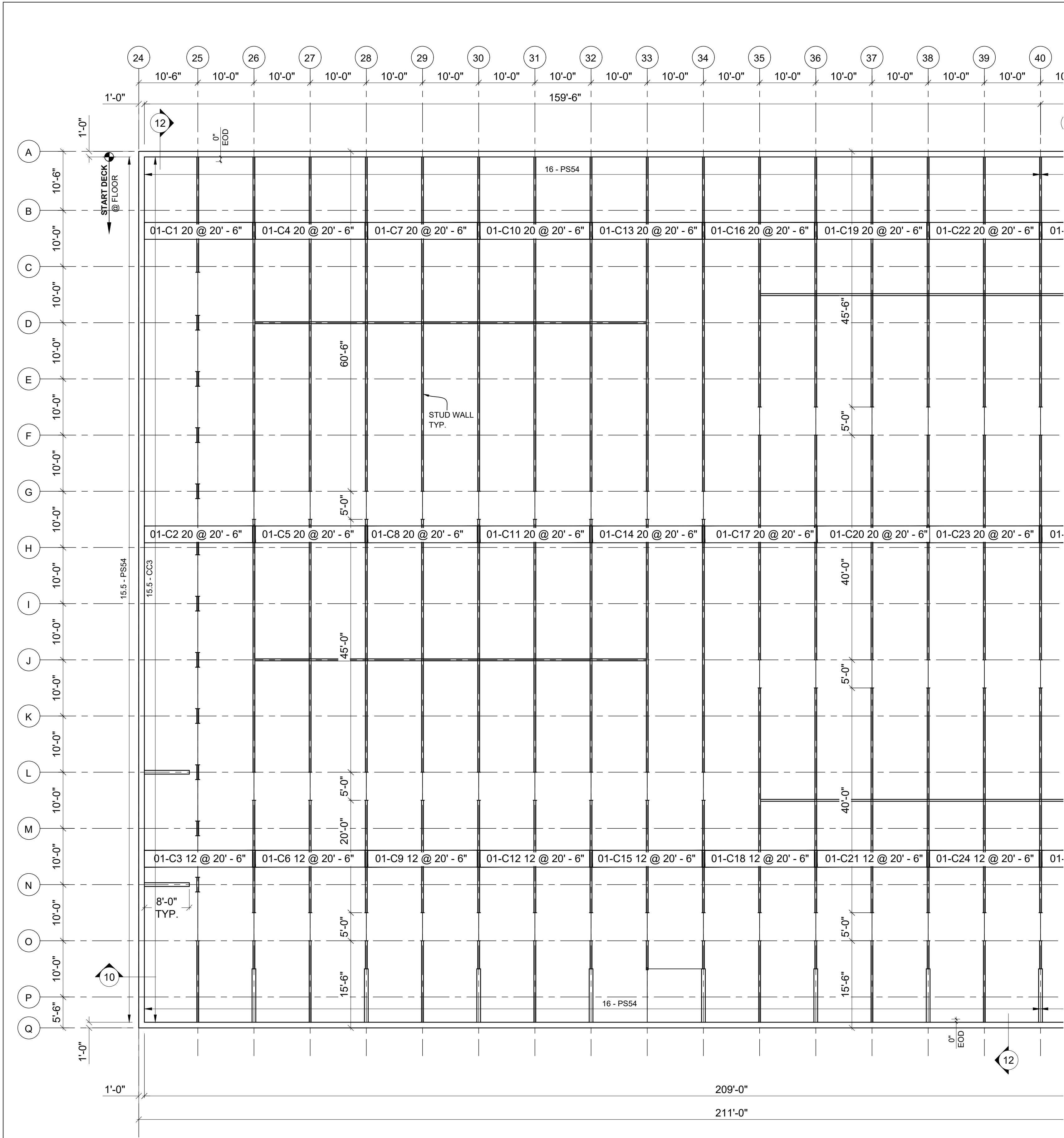
DECK SECTION 14
REF. : NOT PROVIDED



DECK SECTION 15
REF. : NOT PROVIDED



DECK SECTION 16
REF. : NOT PROVIDED



PARTIAL FIRST FLOOR DECK PLACEMENT PLAN- BUILDING 'A'

SEQ. #01D

REF.: S-101A

NOTES:

- TOTAL SLAB THICKNESS = 5 1/2" N.W.C.
- REFERENCE DWG DE1.2 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
- FOR DECK SECTIONS SEE DE1.3.

DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
☐	☐	C	3" COMPOSITE	20	GALV (G60)	40 KSI	36"

DECK FASTENER SCHEDULE				
FASTENER PATTERN at SUPPORT:				
36" COVERAGE INDICATES ATTACHMENT 36/4 PATTERN				
GENERAL NOTES:				
ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION "DIAPHRAGM DESIGN MANUAL" IN THE CASE OF MECHANICAL FASTENERS THE ERECTION SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT CAUSING ANY HIGH AMPERAGE BLOW HOLES WHEN SIDELAP SCREWS ARE SPEC. THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 36". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.				
BUILDING ZONE	PATTERN @ INTERMEDIATE SUPPORT	PATTERN @ PERIMETER SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER
FLOOR	36/4	12" O.C.	5/8"Ø PUDDLE WELD	#10 TEK SCREW @ 36" O.C.
1) POUR STOP SHALL BE WELDED WITH 1" FILLET WELDS @ 12" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.				
2) ALL DECK ACCESSORIES OTHER THAN POUR STOPS SHALL ATTACHED BY EITHER TACK WELDING OR #10 TEK SCREWS (BY OTHERS) @ 24" O.C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.				
REMARKS:				
SCREWS - #10 -16x3/4" Type/1 (Side Laps)				

Accessories Schedule						
Length = 10'-0" TYP. UNO.						
MARK	Gage	Profile	A	B	C	Angle
CC3 (Cell Closure)	20		3"	1"		
PS54 (Pour Stop)	16		5 1/2"	4"	1/2"	
TEK/1 (Tek Screws)						

24

40

55

A

Q

DE2.1

DE2.2

KEY PLAN

ERECTOR NOTE:

COMPOSITE DECK HAS BEEN
DETAILED TO LAP AT ALL COLD
FROM STEEL SUPPORTS TO LESSEN
CHANCES OF FIELD ISSUES DUE TO
SWAY IN COLD FORM TRUSSES.

DESIGN METHOD

ASD: ☒ LRFD: ☐ FACTORED: ☐

DECK SHEET LEGEND

BUNDLE NUMBER

SHEET QUANTITY

SHEET LENGTH

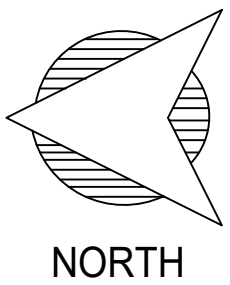
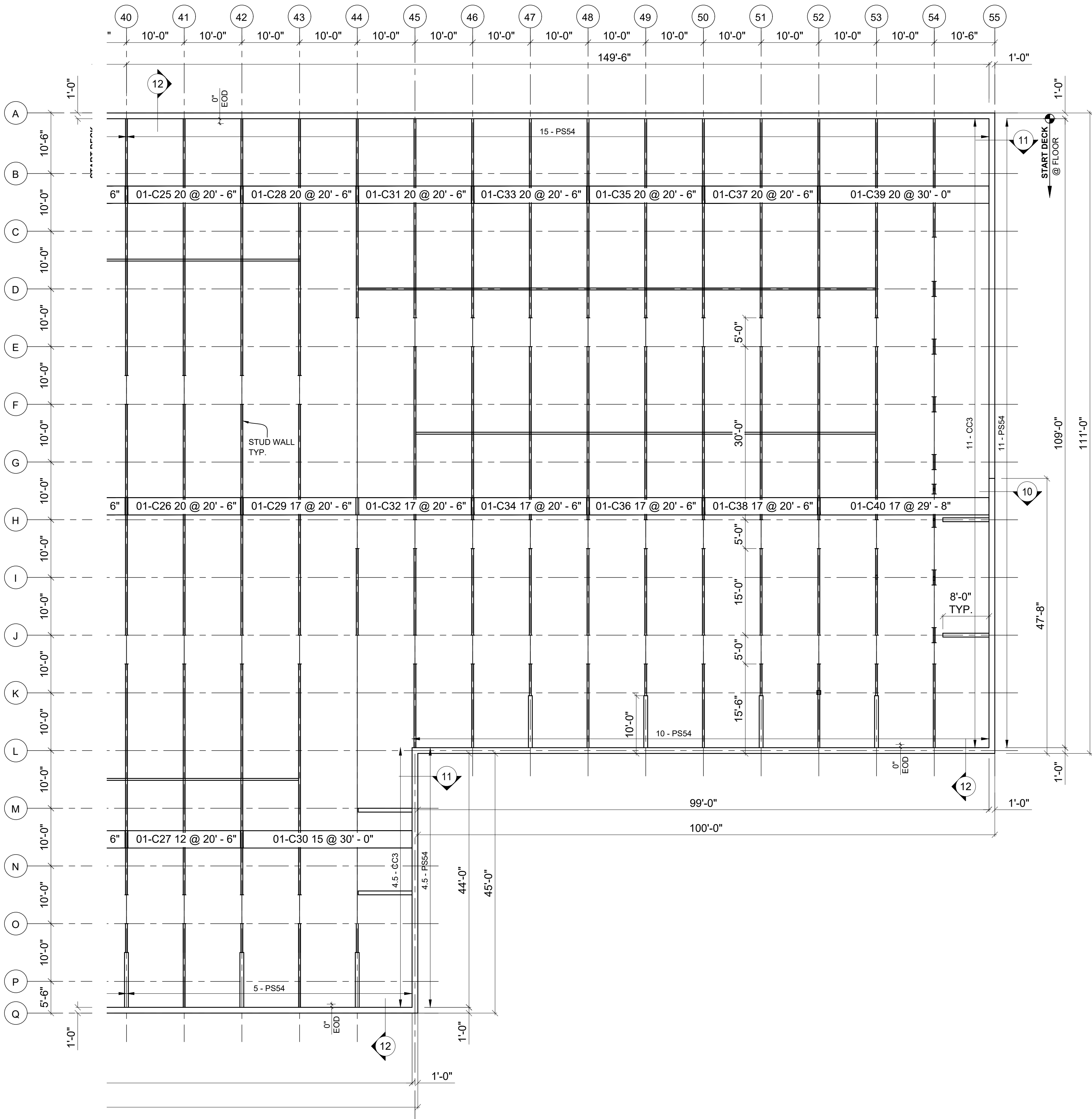
15-X10 40 @ 20'-10" DECK BOX

OR 15-X10 40 @ 20'-10" DECK ARROW

DECK TYPE LETTER

DIVISION/SEQUENCE

ERECTOR NOTE - DECK SPAN CHART MAXIMUM ALLOWABLE CLEAR SPANS							
IF THESE SPANS ARE EXCEEDED, SHORING OF DECK WILL BE REQUIRED. SHORING IS BY OTHERS.							
SPANS ARE FROM EDGE OF SUPPORT TO EDGE OF SUPPORT FOR FLOOR. (CLEAR SPAN) FOR ROOF, SPANS ARE FROM C/L OF BEAM TO C/L OF BEAM. SPANS ARE BAED ON SDI CONSTRUCTION LOADING CRITERIA							
TOTAL SLAB THICKNESS	DECK GAGE	DECK TYPE	KSI	SINGLE SPAN	DOUBLE SPAN	TRIPLE SPAN	CANTILEVER
5 1/2"	20	3" COMPOSITE	40	9' - 2"	10' - 9"	11' - 2"	4' - 0"



PARTIAL FIRST FLOOR DECK PLACEMENT PLAN- BUILDING 'A'

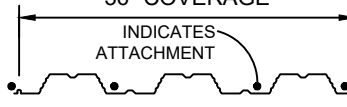
SEQ. #01D

REF.: S-101A

NOTES:

- TOTAL SLAB THICKNESS = 5 1/2" N.W.C.
- REFERENCE DWG DE1.2 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
- FOR DECK SECTIONS SEE DE1.3.

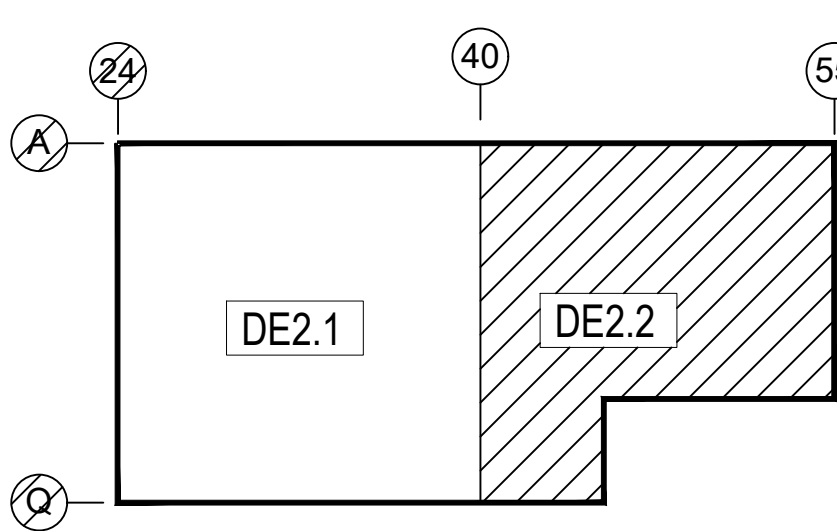
DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
☐	☐	C	3" COMPOSITE	20	GALV (G60)	40 KSI	36"

DECK FASTENER SCHEDULE					
FASTENER PATTERN at SUPPORT:					
36" COVERAGE  INDICATES ATTACHMENT 36/4 PATTERN					
GENERAL NOTES:					
ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION "DIAPHRAGM DESIGN MANUAL". IN THE CASE OF MECHANICAL FASTENERS, THE ERECTION SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT CAUSING ANY HIGH AMPERAGE BLOW HOLES. WHEN SIDELAP SCREWS ARE SPEC., THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 36". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.					
BUILDING ZONE	PATTERN @ INTERMEDIATE SUPPORT	PATTERN @ PERIMETER SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER	
FLOOR	36/4	12" O.C.	5/8"Ø PUDDLE WELD	#10 TEK SCREW @ 36" O.C.	
1) POUR STOP SHALL BE WELDED WITH 1" FILLET WELDS @ 12" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.					
2) ALL DECK ACCESSORIES OTHER THAN POUR STOPS SHALL ATTACHED BY EITHER TACK WELDING OR #10 TEK SCREWS (BY OTHERS) @ 24" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.					
REMARKS:					
SCREWS - #10 -16x3/4" Type/1 (Side Laps)					

Accessories Schedule						
Length = 10'-0" TYP. UNO.						
MARK	Gage	Profile	A	B	C	Angle
CC3 (Cell Closure)	20		3"	1"		
PS54 (Pour Stop)	16		5 1/2"	4"	1/2"	
TEK/1 (Tek Screws)						

ERECTOR NOTE:

COMPOSITE DECK HAS BEEN
DETAILED TO LAP AT ALL COLD
FROM STEEL SUPPORTS TO LESSEN
CHANCES OF FIELD ISSUES DUE TO
SWAY IN COLD FORM TRUSSES.



KEY PLAN

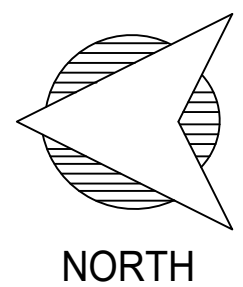
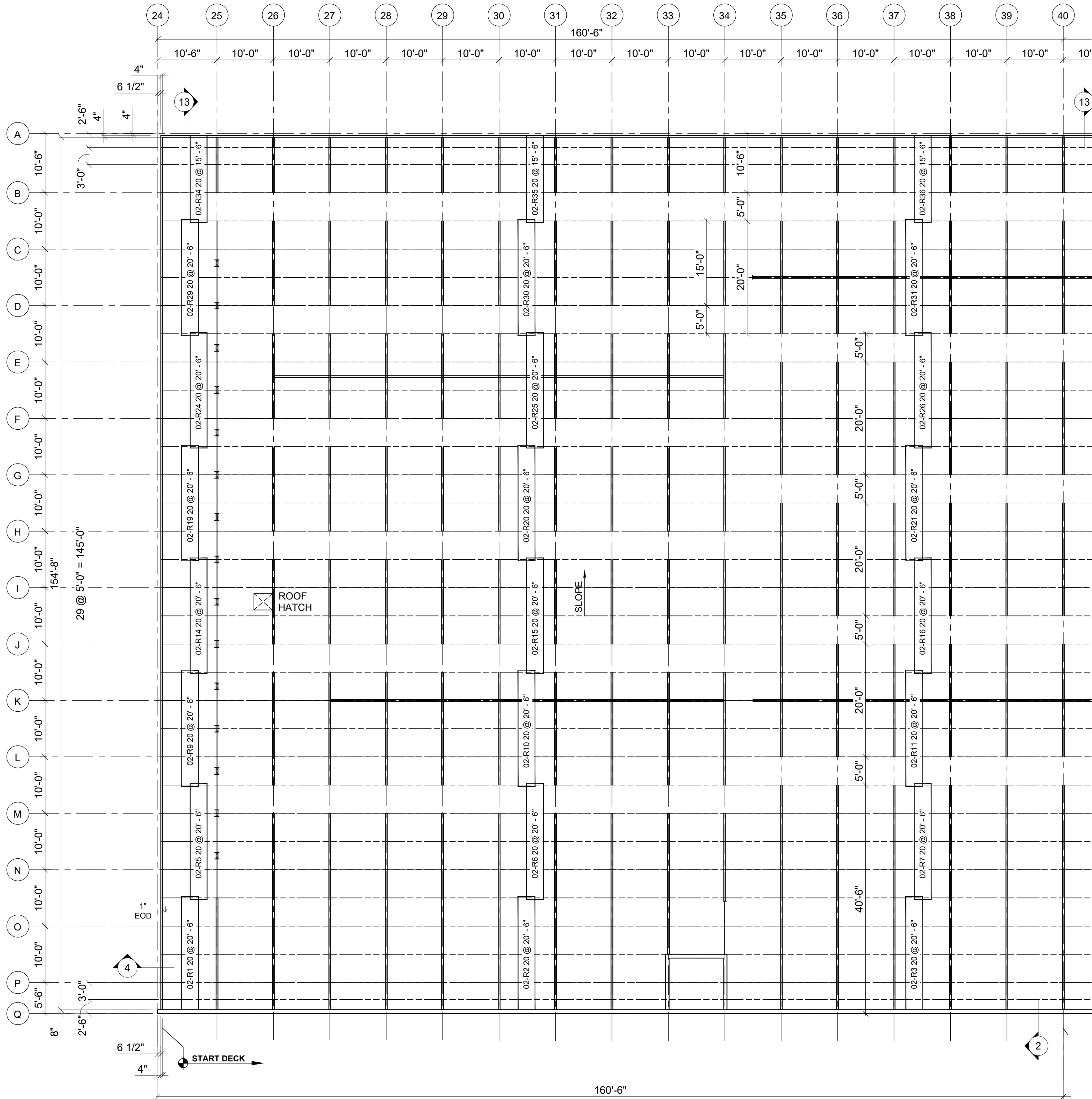
DESIGN METHOD		
ASD: ☒	LRFD: ☐	FACTORED: ☐
DECK SHEET LEGEND		
15-X10 40 @ 20'-10" DECK BOX OR 15-X10 40 @ 20'-10" DECK ARROW		
DECK TYPE LETTER DIVISION/SEQUENCE		

ERECTOR NOTE - DECK SPAN CHART
MAXIMUM ALLOWABLE CLEAR SPANS

IF THESE SPANS ARE EXCEEDED, SHORING OF DECK WILL BE REQUIRED.
SHORING IS BY OTHERS.

SPANS ARE FROM EDGE OF SUPPORT TO EDGE OF SUPPORT FOR FLOOR. (CLEAR SPAN)
FOR ROOF, SPANS ARE FROM C/L OF BEAM TO C/L OF BEAM. SPANS ARE BAED ON SDI CONSTRUCTION LOADING CRITERIA

TOTAL SLAB THICKNESS	DECK GAGE	DECK TYPE	KSI	SINGLE SPAN	DOUBLE SPAN	TRIPLE SPAN	CANTILEVER
5 1/2"	20	3" COMPOSITE	40	9' - 2"	10' - 9"	11' - 2"	4' - 0"



PARTIAL ROOF DECK PLACEMENT PLAN- BUILDING 'A'

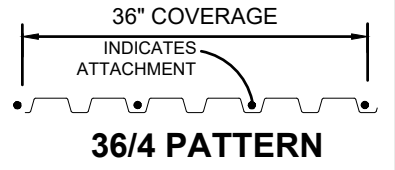
SEQ. #02D

REF. : S-102A

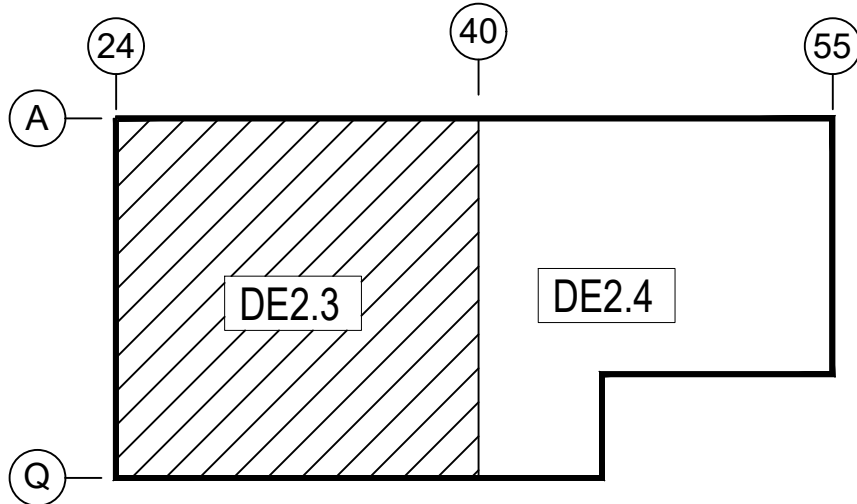
NOTES:

- REFERENCE DWG DE1.1 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
- FOR DECK SECTIONS SEE DE1.3.

DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
☐	☐	R	1.5 B	22	GALV (G60)	33 KSI	36"

DECK FASTENER SCHEDULE				
FASTENER PATTERN at SUPPORT:				
				
GENERAL NOTES:				
ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION, "DIAPHRAGM DESIGN MANUAL". IN THE CASE OF MECHANICAL FASTENERS, THE ERECTION SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT CAUSING ANY HIGH AMPERAGE BLOW HOLES. WHEN SIDELAP SCREWS ARE SPEC., THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 30". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.				
BUILDING ZONE	PATTERN @ INTERMEDIATE SUPPORT	PATTERN @ PERIMETER SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER
ROOF	36/4	6" O.C.	#12 TEK SCREWS (BY OTHERS)	#10 TEK SCREWS @ 24" O.C. MAX.
1) POUR STOP SHALL BE WELDED WITH 1" FILLET WELDS @ 12" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING. 2) ALL DECK ACCESSORIES OTHER THAN POUR STOPS SHALL ATTACHED BY EITHER TACK WELDING OR #10 TEK SCREWS (BY OTHERS) @ 24" O.C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.				
REMARKS:				
SCREWS - #12 -24x1 1/4" Type/3 (Side Laps)				

Accessories Schedule						
Length = 10'-0" TYP. UNO.						
MARK	Gage	Profile	A	B	C	Angle
TEK/1 (Tek Screws)						



KEY PLAN

DESIGN METHOD

ASD: ☒ LRFD: ☐ FACTORED: ☐

DECK SHEET LEGEND

The diagram illustrates the components of a deck sheet legend. It features two examples of sheet labels, each enclosed in a rectangular box. The top label is "15-X10 40 @ 20'-10\"", and the bottom label is "15-X10 40 @ 20'-10\"". Lines connect the components of these labels to their respective descriptions: "BUNDLE NUMBER" points to "15", "SHEET QUANTITY" points to "40", and "SHEET LENGTH" points to "20'-10\"". Below the labels, the text "ON" is positioned to the left of the bottom label. To the right of the labels, "DECK BOX" is aligned with the top label and "DECK ARROW" is aligned with the bottom label. Below the labels, the text "DECK TYPE LETTER" and "DIVISION/SEQUENCE" are listed, with lines pointing to the bottom label.

BUNDLE NUMBER

SHEET QUANTITY

SHEET LENGTH

15-X10 40 @ 20'-10"

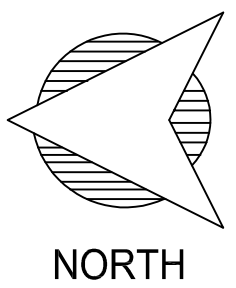
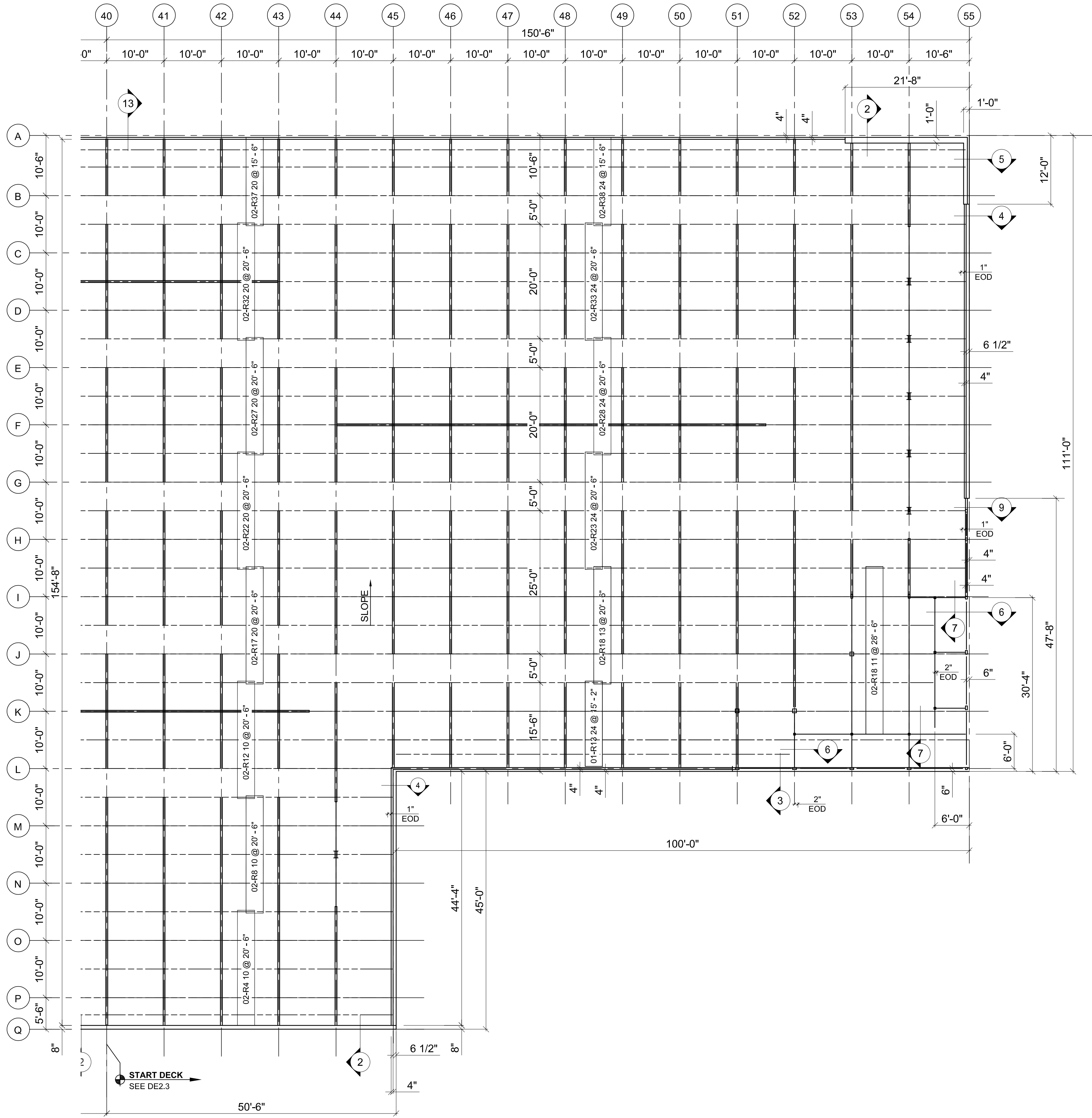
DECK BOX

ON 15-X10 40 @ 20'-10"

DECK ARROW

DECK TYPE LETTER

DIVISION/SEQUENCE



PARTIAL ROOF DECK PLACEMENT PLAN- BUILDING 'A'

SEQ. #02D

REF. : S-102A

NOTES:

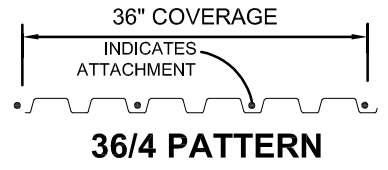
- REFERENCE DWG DE1.1 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
- FOR DECK SECTIONS SEE DE1.3 .

DECK GAGE & FINISH

FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
☐	☐	R	1.5 B	22	GALV (G60)	33 KSI	36"

DECK FASTENER SCHEDULE

FASTENER PATTERN at SUPPORT:



GENERAL NOTES:

ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION "DIAPHRAGM DESIGN MANUAL". IN THE CASE OF MECHANICAL FASTENERS, THE ERECTION SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT CAUSING ANY HIGH AMPERAGE BLOW HOLES. WHEN SIDELAP SCREWS ARE SPEC. THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 36". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.

BUILDING ZONE	PATTERN @ INTERMEDIATE SUPPORT	PATTERN @ PERIMETER SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER
ROOF	36/4	6" O.C.	#12 TEK SCREWS (BY OTHERS)	#10 TEK SCREWS @ 24" O.C. MAX.

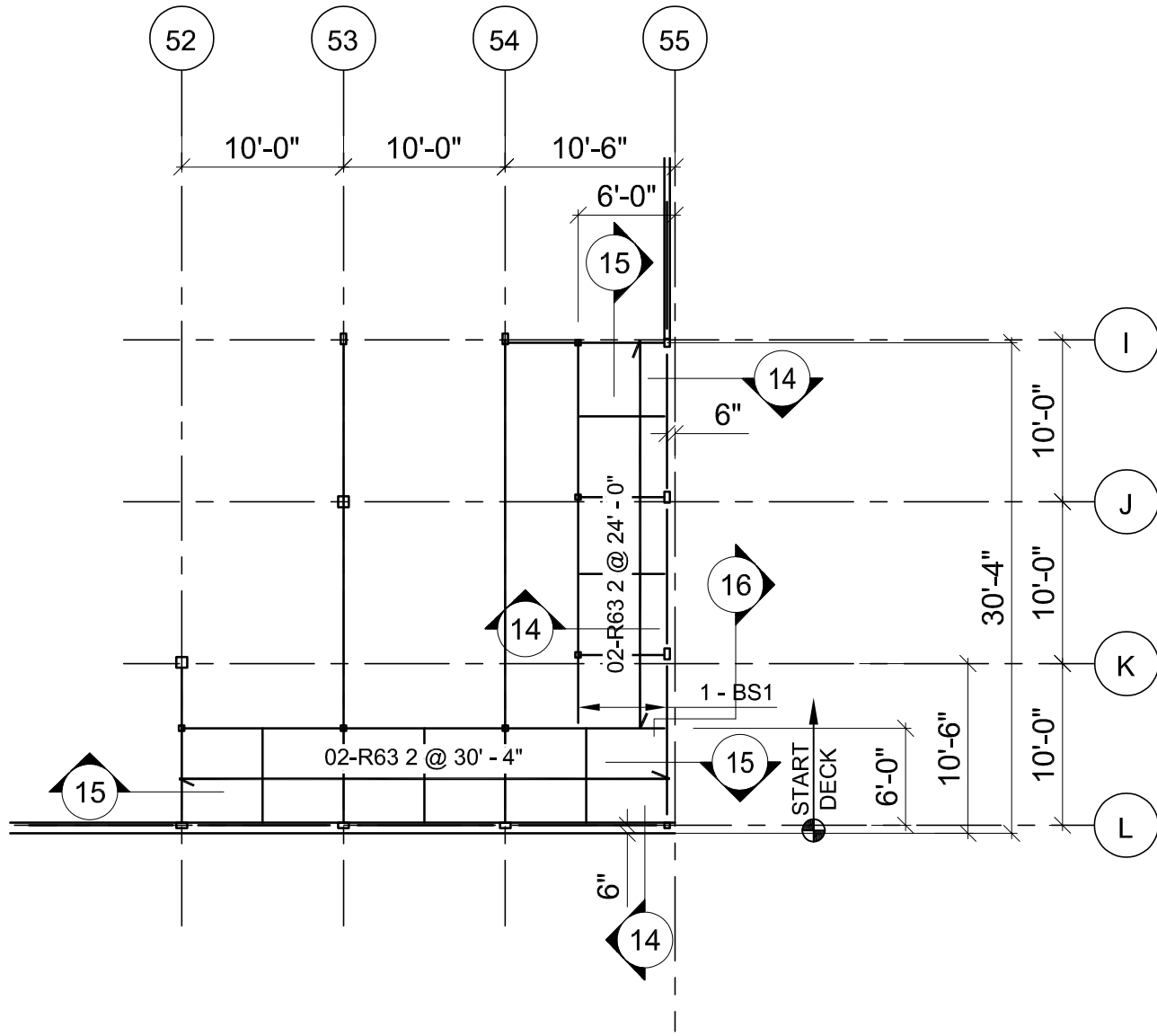
- POUR STOP SHALL BE WELDED WITH 1" FILLET WELDS @ 12" O. C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.
- ALL DECK ACCESSORIES OTHER THAN POUR STOPS SHALL ATTACHED BY EITHER TACK WELDING OR #10 TEK SCREWS (BY OTHERS) @ 24" O.C. MAX ACCORDING TO SDI WITH 2" MIN. BEARING.

REMARKS:

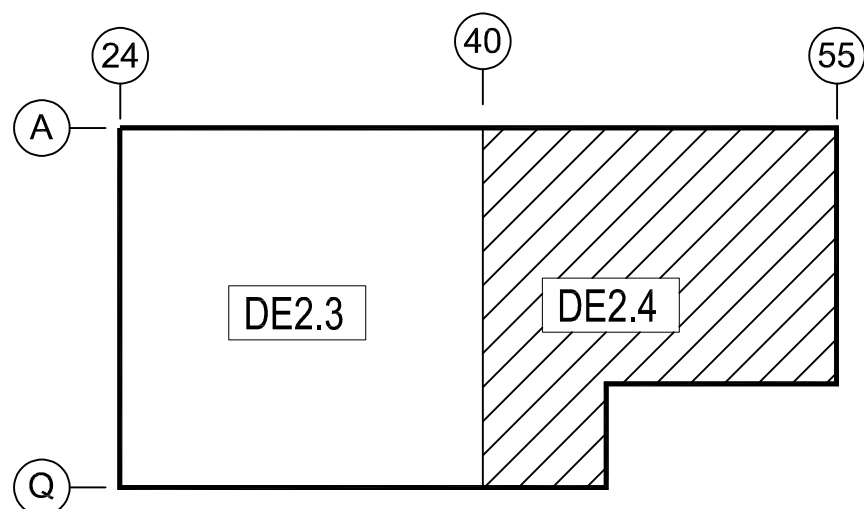
SCREWS - #12 -24x1 1/4" Type/3 (Side Laps)

Accessories Schedule
Length = 10'-0" TYP. UNO.

MARK	Gage	Profile	A	B	C	Angle
TEK/1 (Tek Screws)						
BS1 (Butt Strip)	20		6"			



DISPLAY AREA

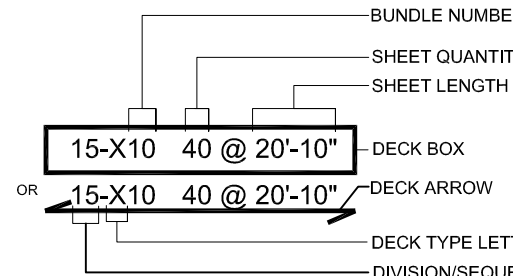


KEY PLAN

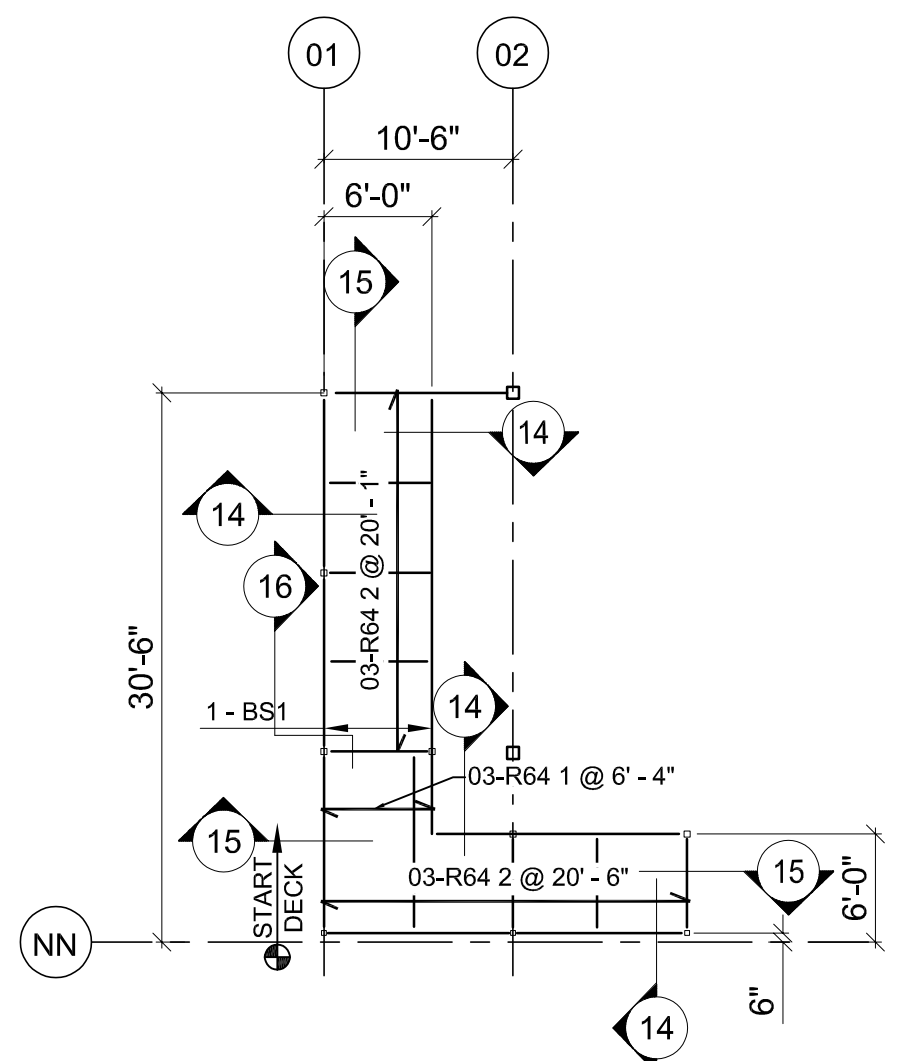
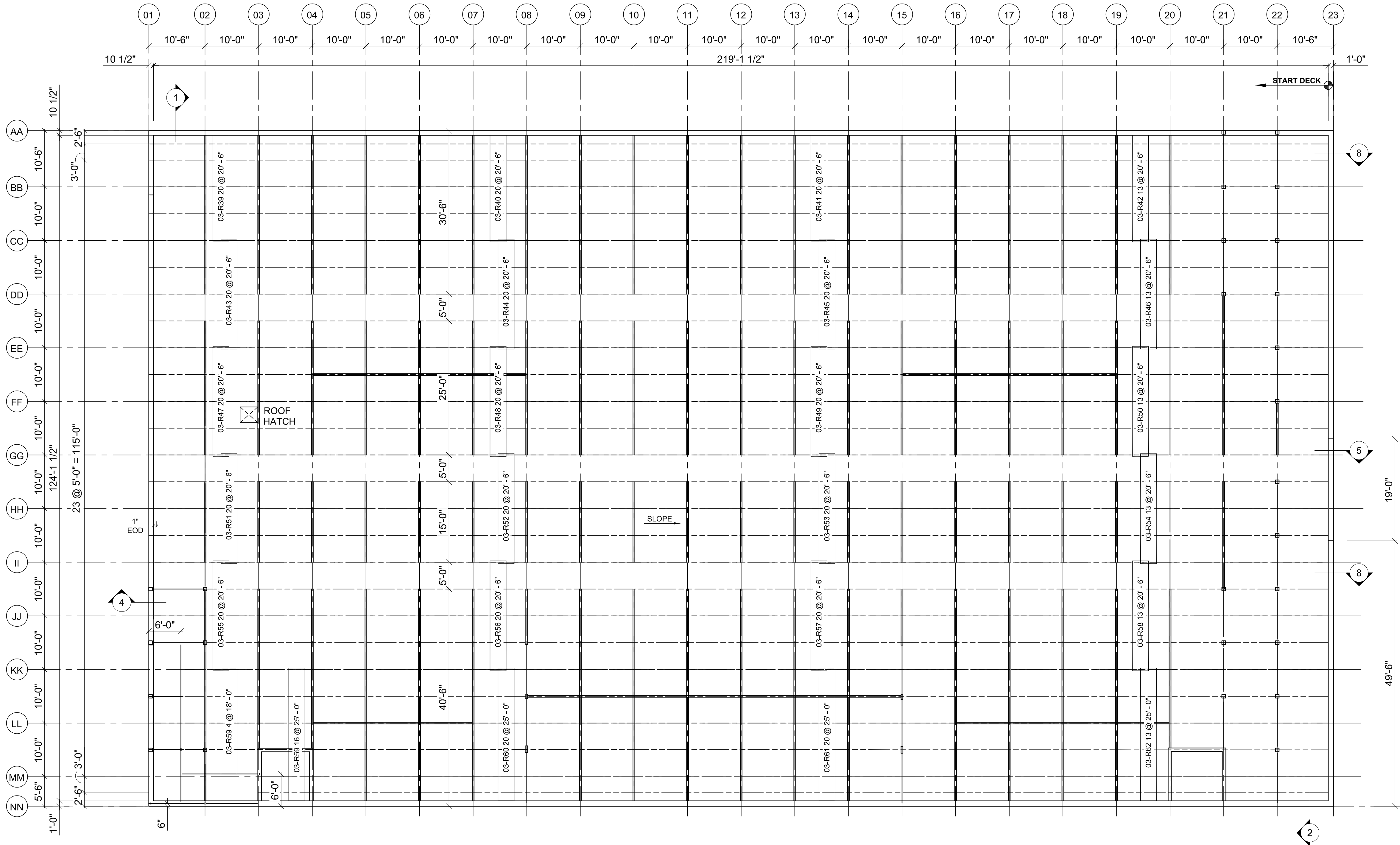
DESIGN METHOD

ASD: ☒ LRFD: ☐ FACTORED: ☐

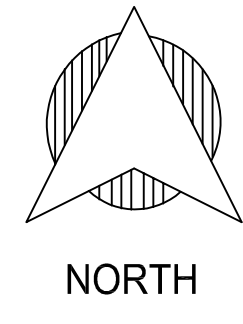
DECK SHEET LEGEND



DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
☐	☐	R	1.5 B	22	GALV (G60)	33 KSI	36"



DISPLAY AREA



ROOF DECK PLACEMENT PLAN- BUILDING 'B'

SEQ. #03D REF. : S-101B

- NOTES:
- REFERENCE DWG DE1.1 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
 - FOR DECK SECTIONS SEE DE1.3.

Accessories Schedule						
Length = 10'-0" TYP. UNO.						
MARK	Gage	Profile	A	B	C	Angle
TEK/1 (Tek Screws)						
BS1 (Butt Strip)	20	A	6"			

DECK FASTENER SCHEDULE

FASTENER PATTERN at SUPPORT:

GENERAL NOTES:

ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION, "DIAPHRAGM DESIGN MANUAL". IN THE CASE OF MECHANICAL FASTENERS, THE DESIGNER SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT CAUSING ANY HIGH AMPERAGE BLOW HOLES. WHEN SIDELAP SCREWS ARE SPEC., THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 30". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.

BUILDING ZONE	PATTERN @ INTERMEDIATE SUPPORT	PATTERN @ PERIMETER SUPPORT	FASTENER TYPE @ SUPPORT	SIDELAP FASTENER
ROOF	36/4	6" O.C.	#12 TEK SCREWS (BY OTHERS)	#10 TEK SCREWS @ 24" O.C. MAX.

REMARKS:

SCREWS - #12 -24x1 1/4" Type/3 (Side Laps)

DESIGN METHOD

ASD: ☒ LRFD: ☐ FACTORED: ☐

DECK SHEET LEGEND

BILL OF MATERIALS

List For FABRICATION

JOB-ID	23-11628	SEQ#	01D
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Job Name	WINCREST SELF STORAGE 248840 BLDG A + BLDG I
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Remarks	40 KSI MINIMUM REQUIRED
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DECK BOM

SCREWS	
#10-16 x 3/4-in.	6,000
#12-24 x 1 1/4-in.	
Weld Washers 14ga. 5/8-in.	

ACCESSORY TYPES



ROOF FRAMING PLAN -BLDG 'A'

