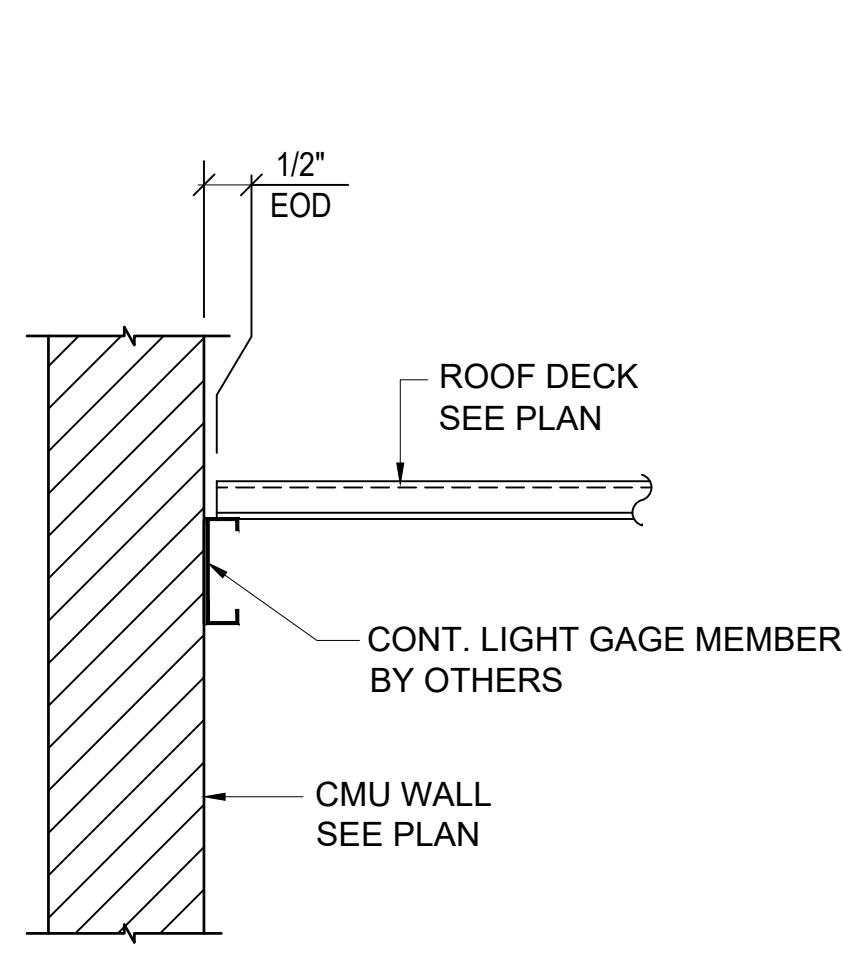


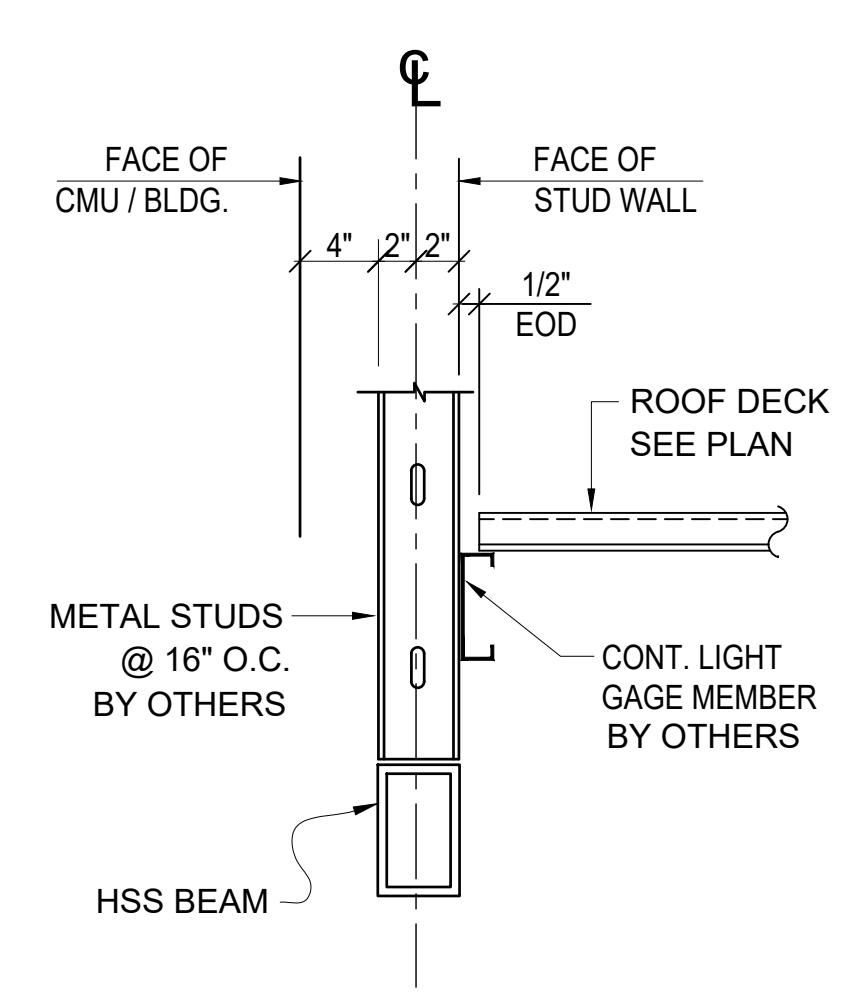
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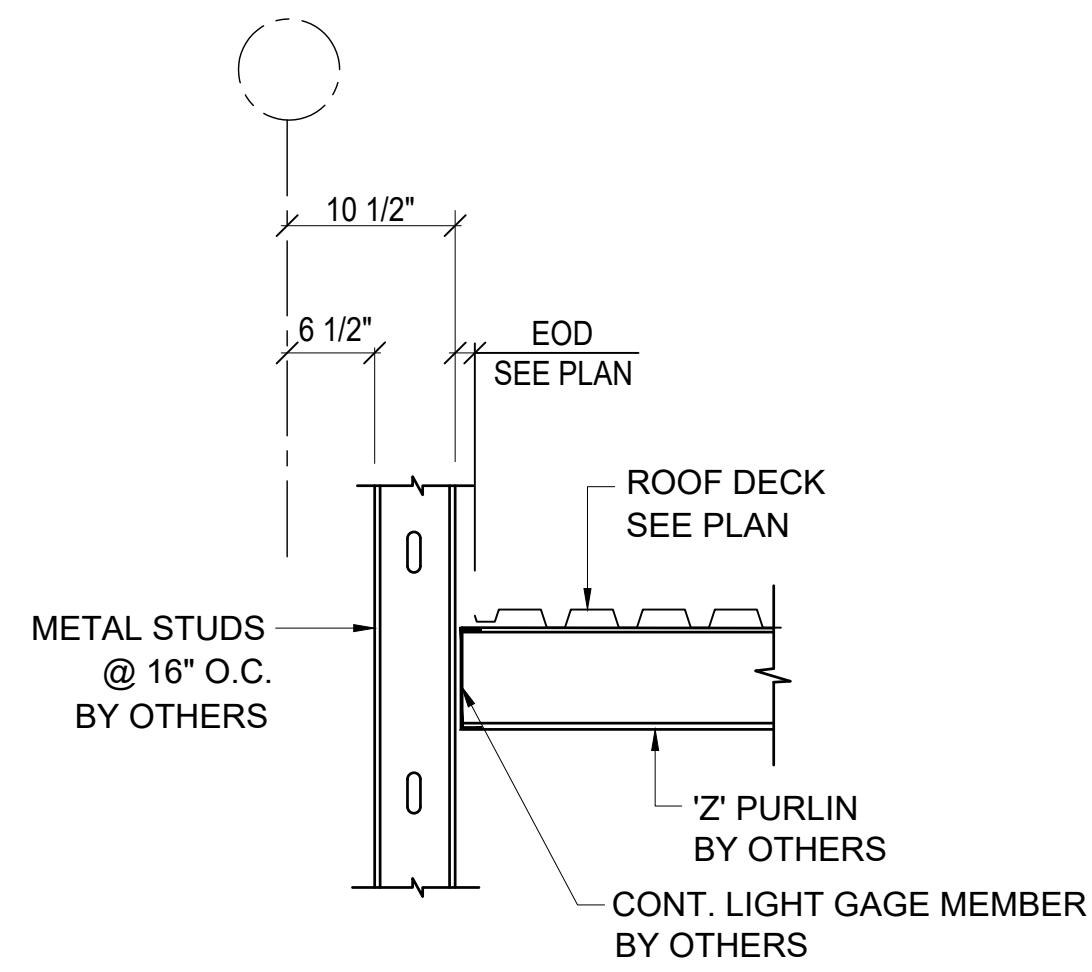
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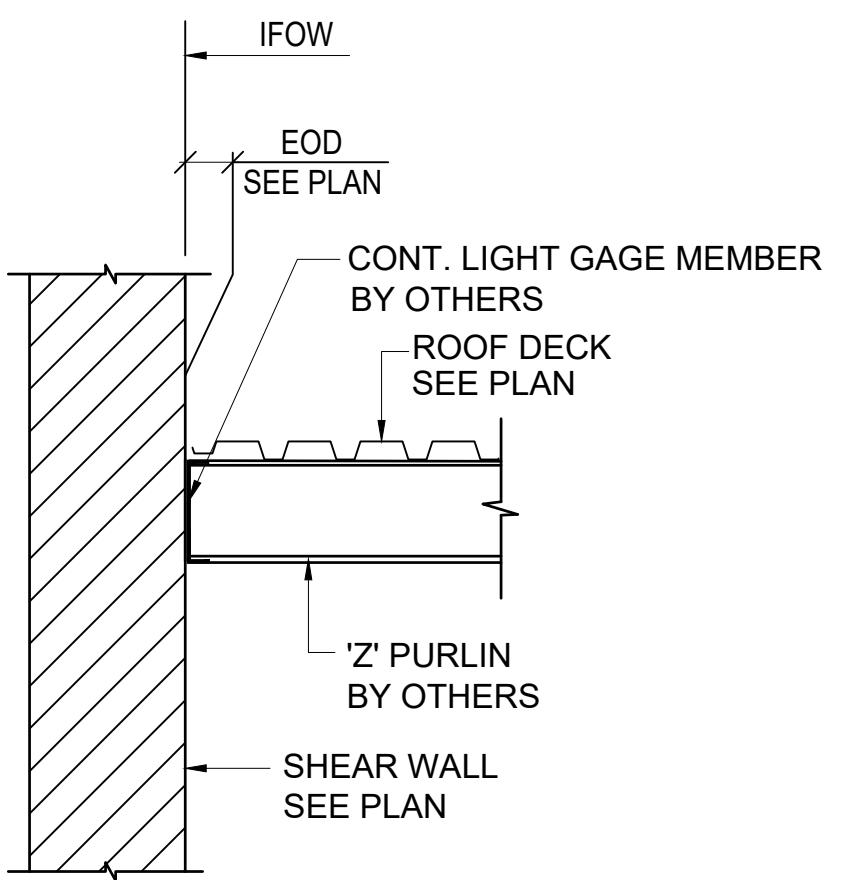
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REF. : 5/S502 (SIM)



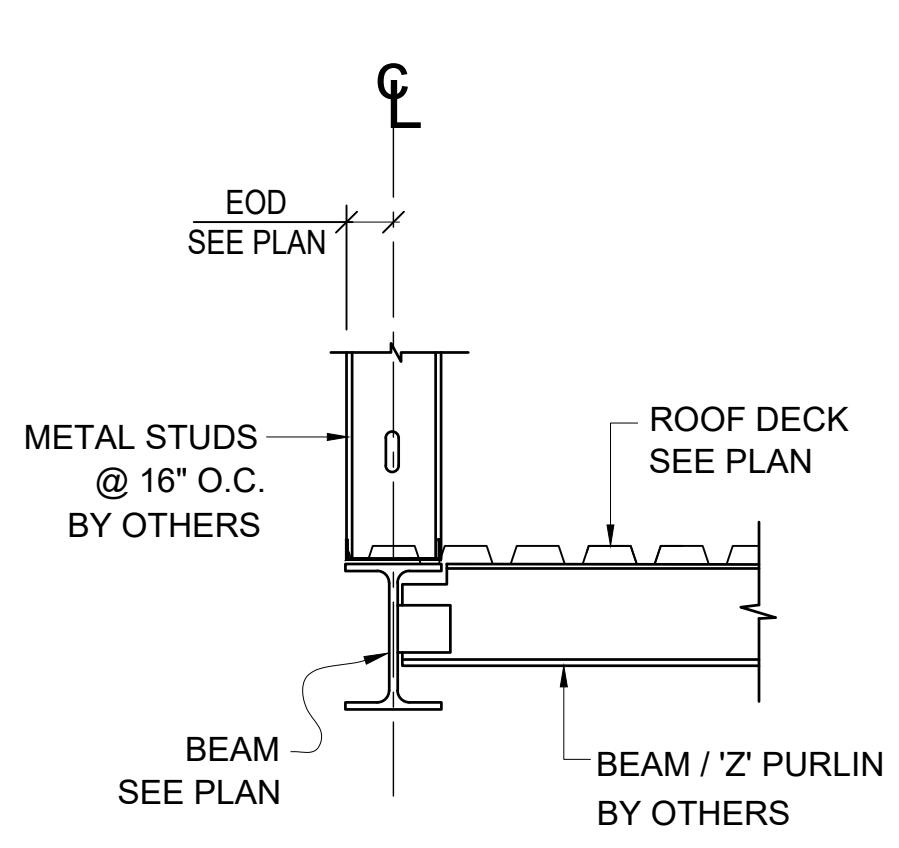
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REF. : 8/S500



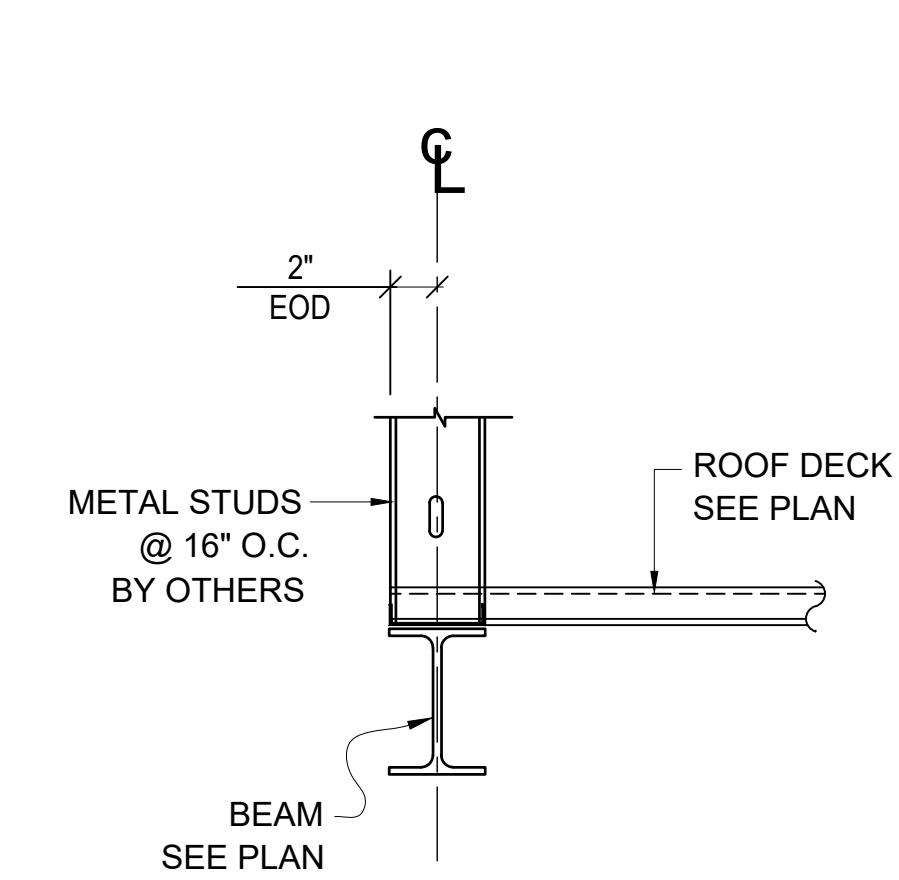
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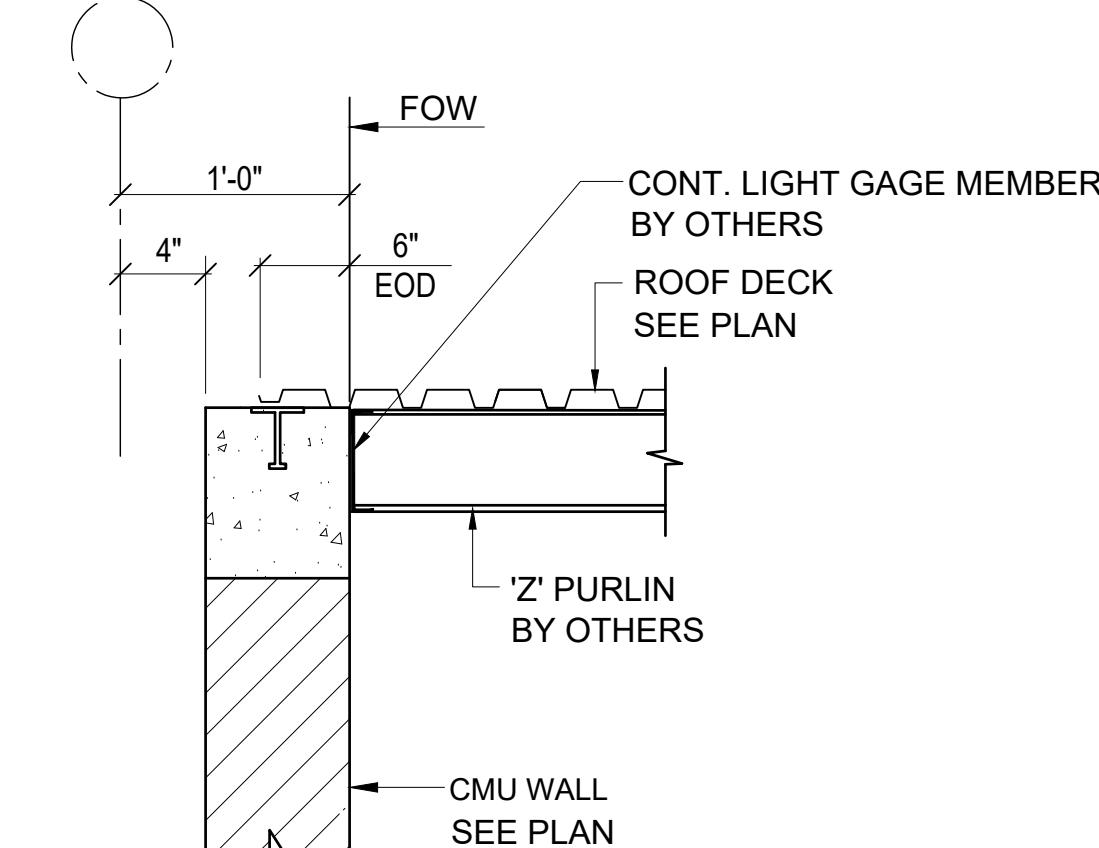
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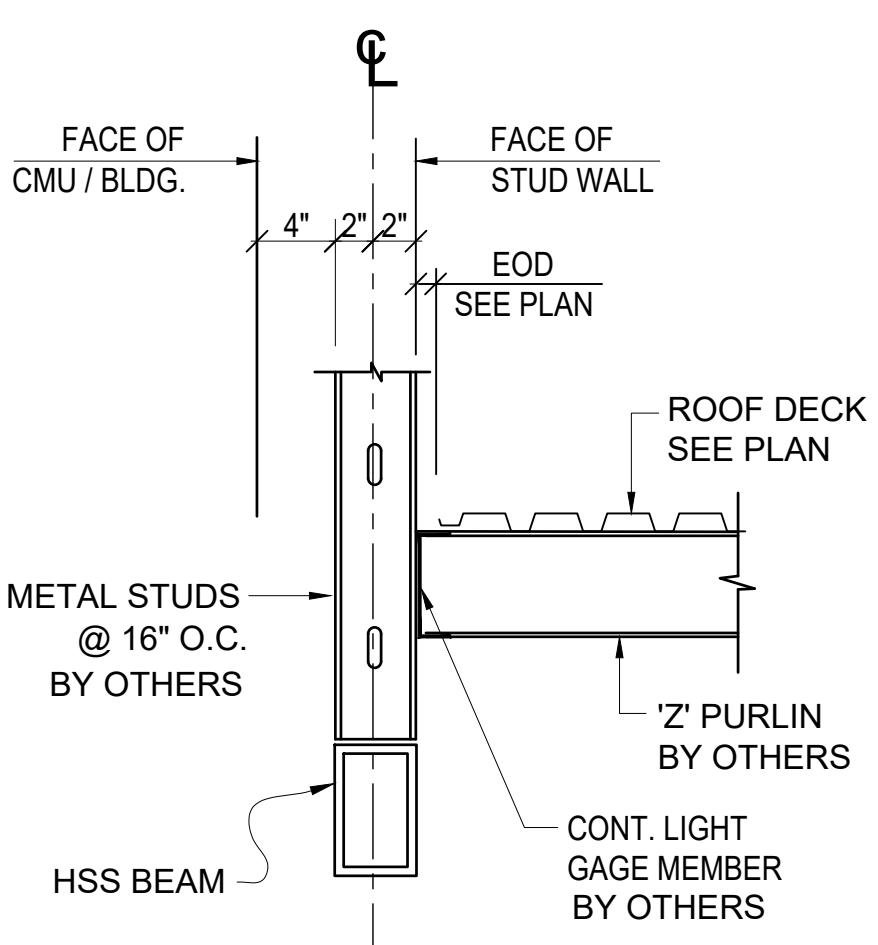
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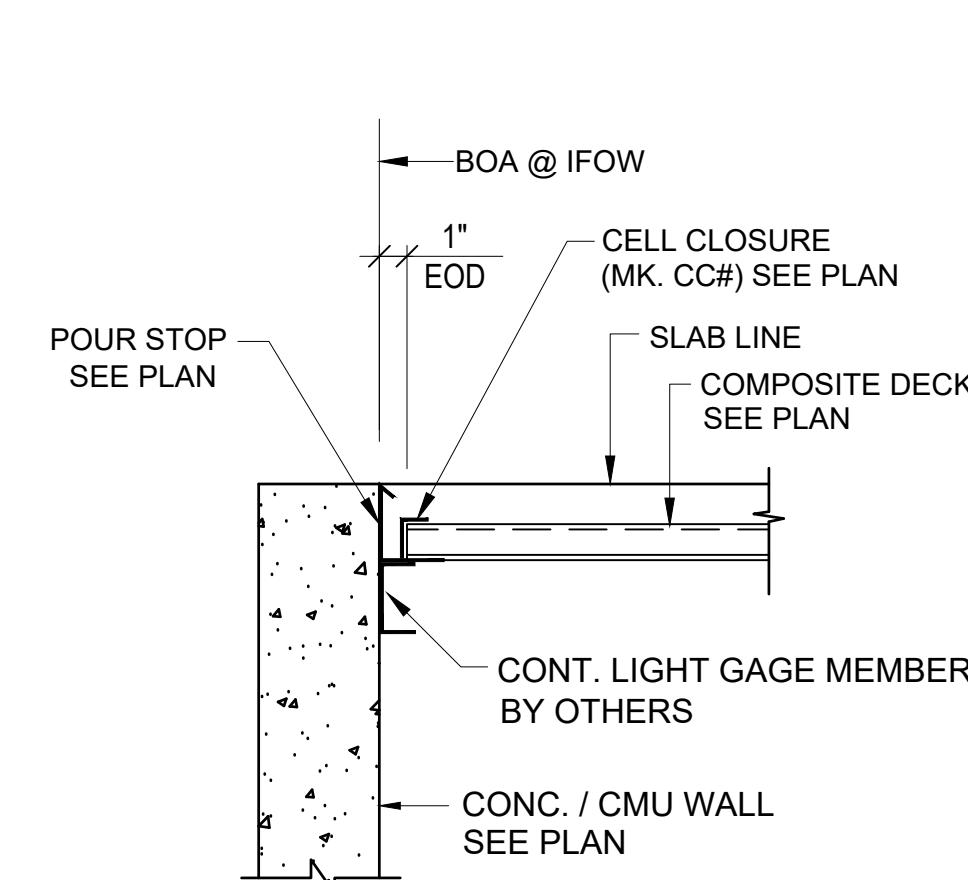
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REF. : 10/S500



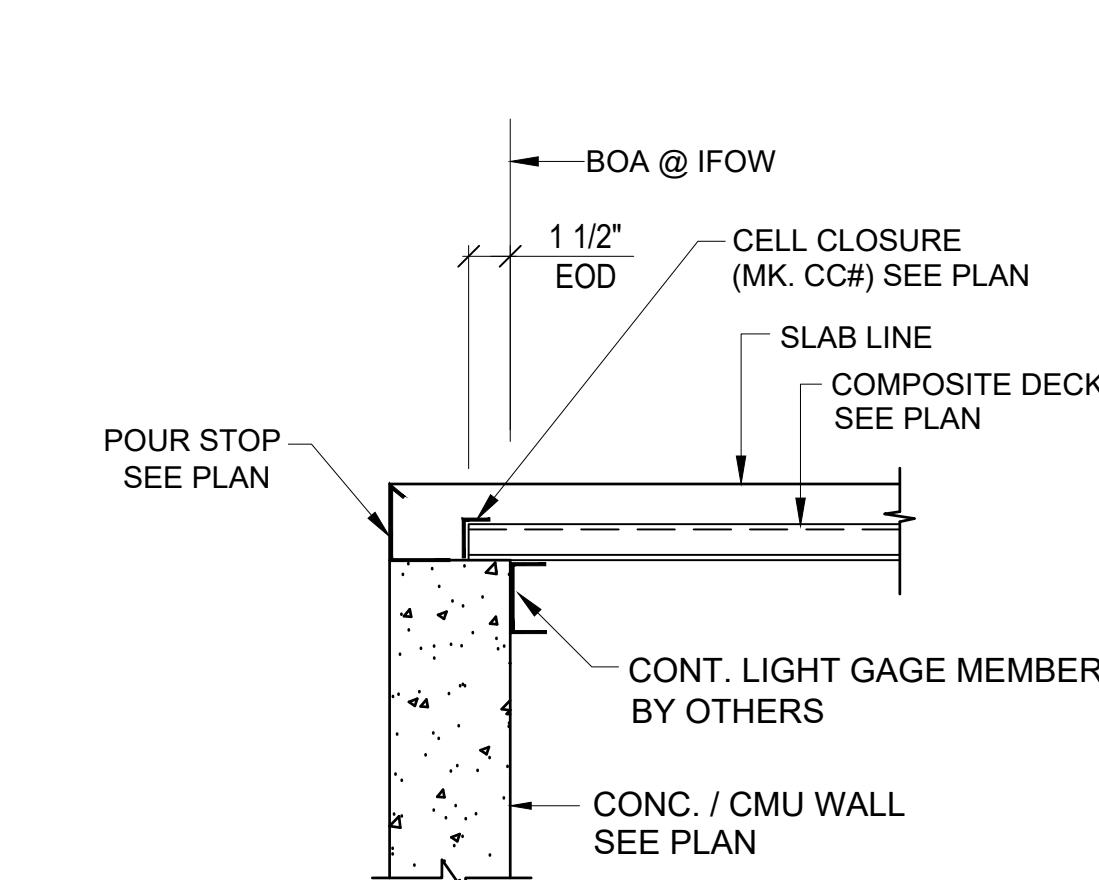
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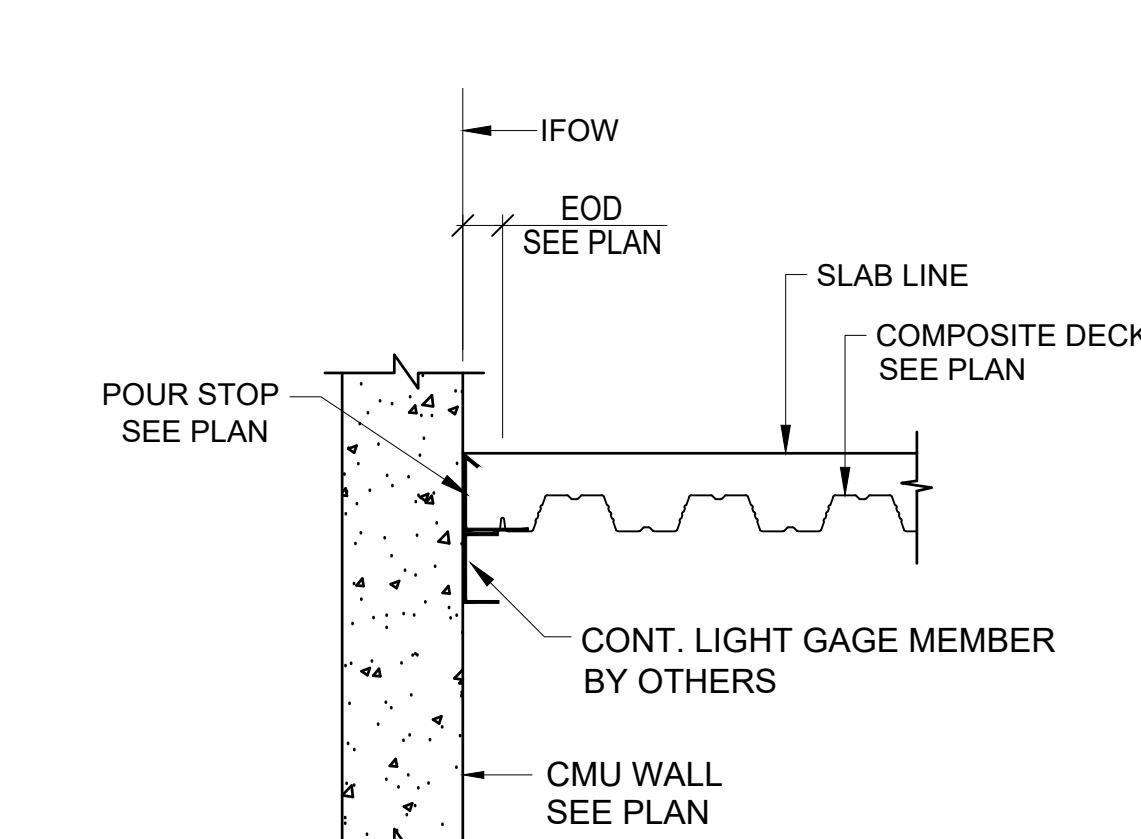
DECK SECTION 10

REF. : 6/S501 (SIM)



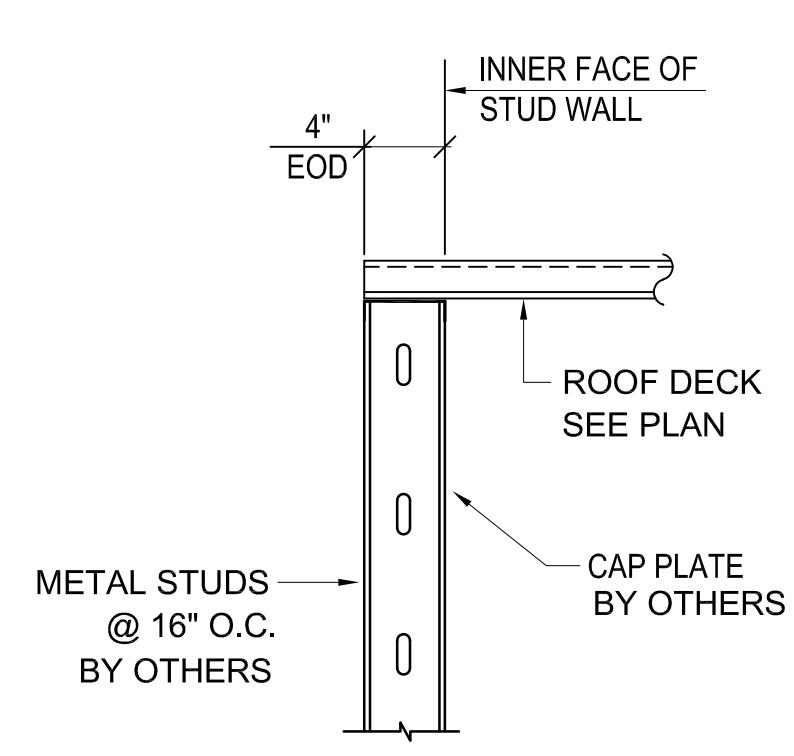
DECK SECTION 11

REF. : 5,5/A/S501

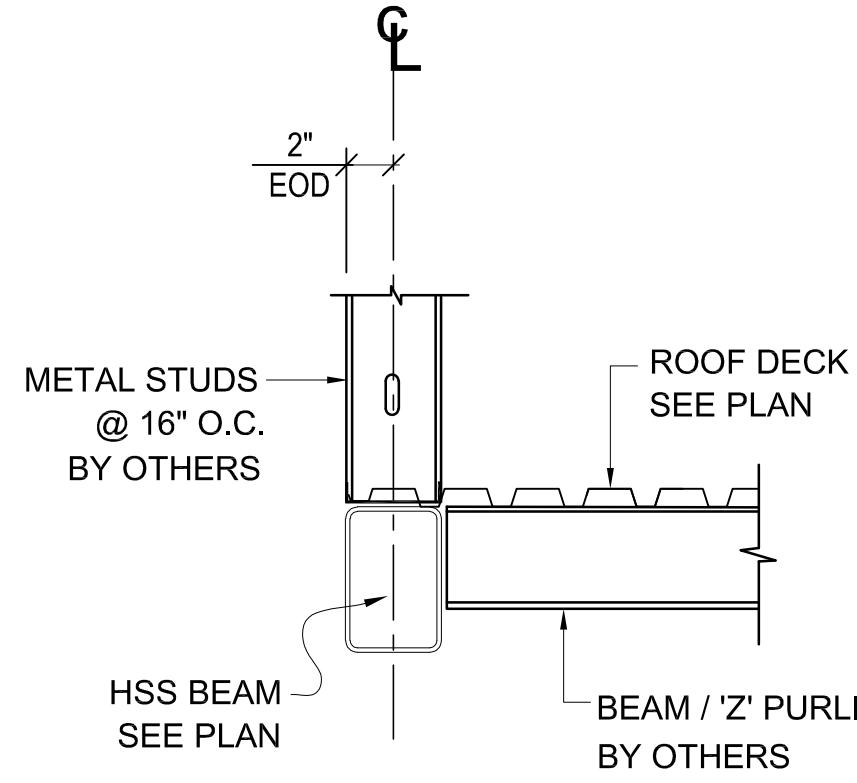


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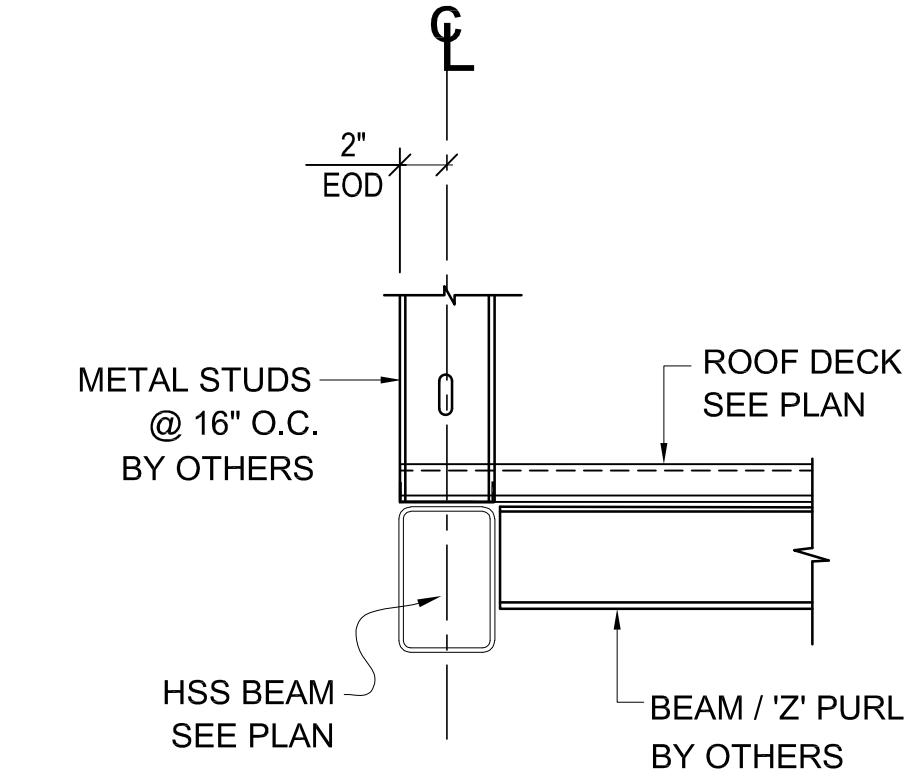
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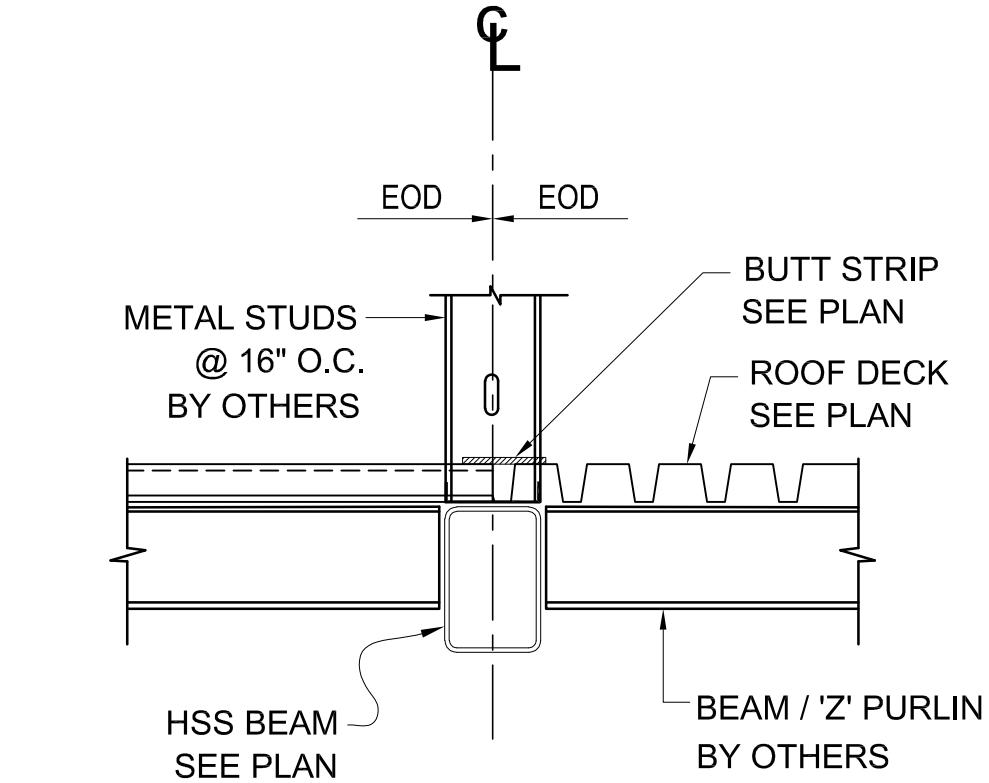
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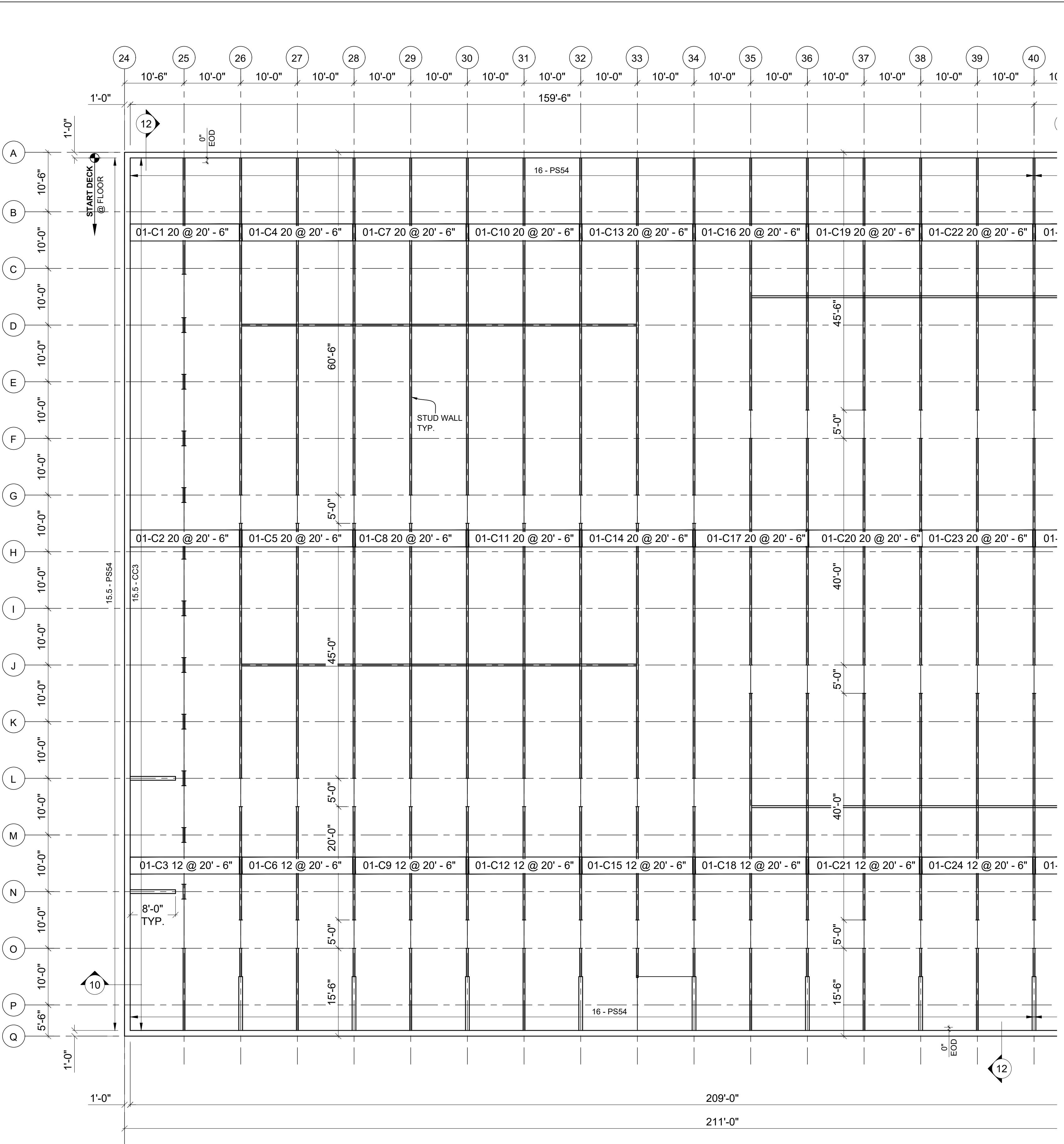
DECK SECTION 14
REF. : NOT PROVIDED



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:

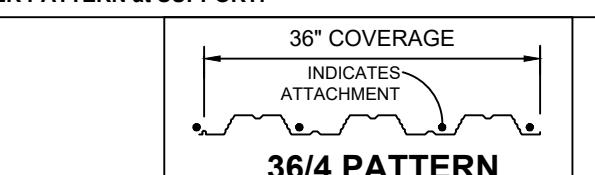
1. TOTAL SLAB THICKNESS = 5 1/2" N.W.C.
2. REFERENCE DWG DE1.2 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
3. FOR DECK SECTIONS SEE DE1.3.

DECK GAGE & FINISH

FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
<input type="checkbox"/>	<input type="checkbox"/>	C	3" COMPOSITE	20	GALV (G60)	40 KSI	36"

DECK FASTENER SCHEDULE

FASTENER PATTERN at SUPPORT:



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 30". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.

BUILDING ZONE	PATTERN @ INTERNAL SUPPORT	PATTERN @ EXTERNAL 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.

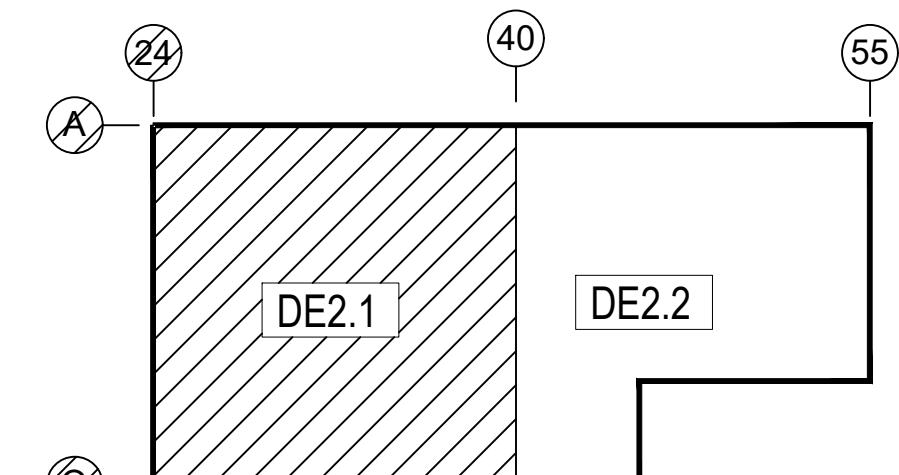
REMARKS:

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.

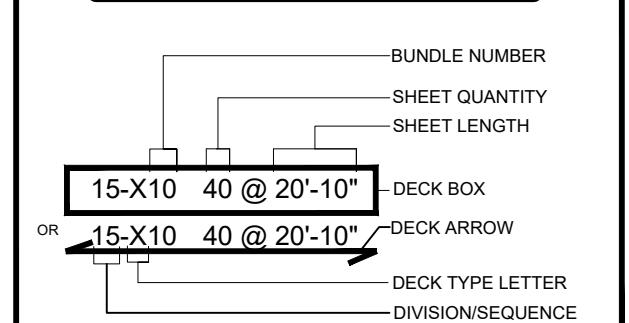


KEY PLAN

DESIGN METHOD

ASD: LRFD: FACTORED:

DECK SHEET LEGEND

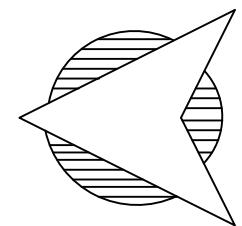
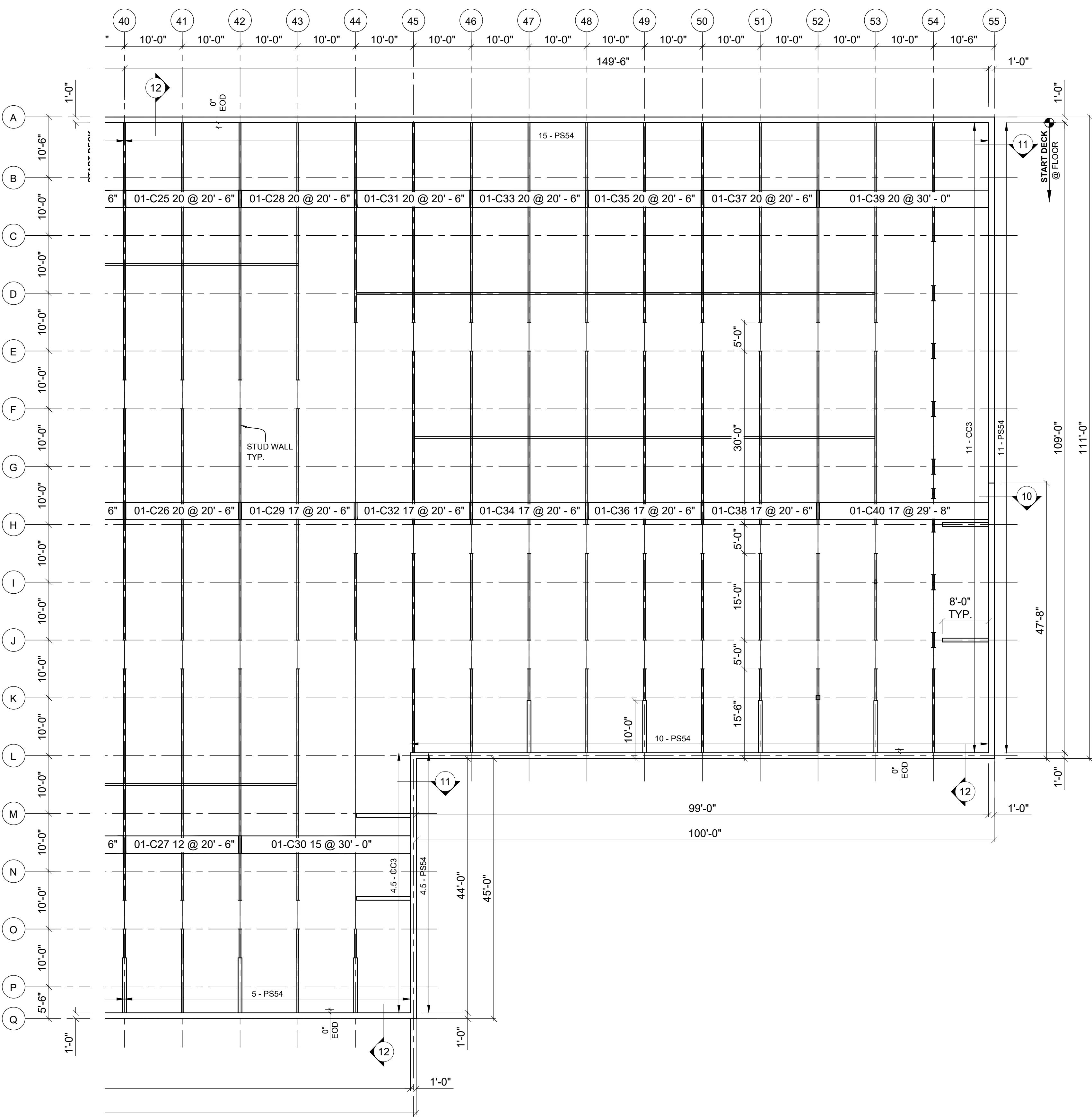


ERECTOR NOTE - DECK SPAN CHART
MAXIMUM ALLOWABLE CLEAR SPANS

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 BASED 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

NORTH

NOTES:

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

DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
<input type="checkbox"/>	<input type="checkbox"/>	C	3" COMPOSITE	20	GALV (G60)	40 KSI	36"

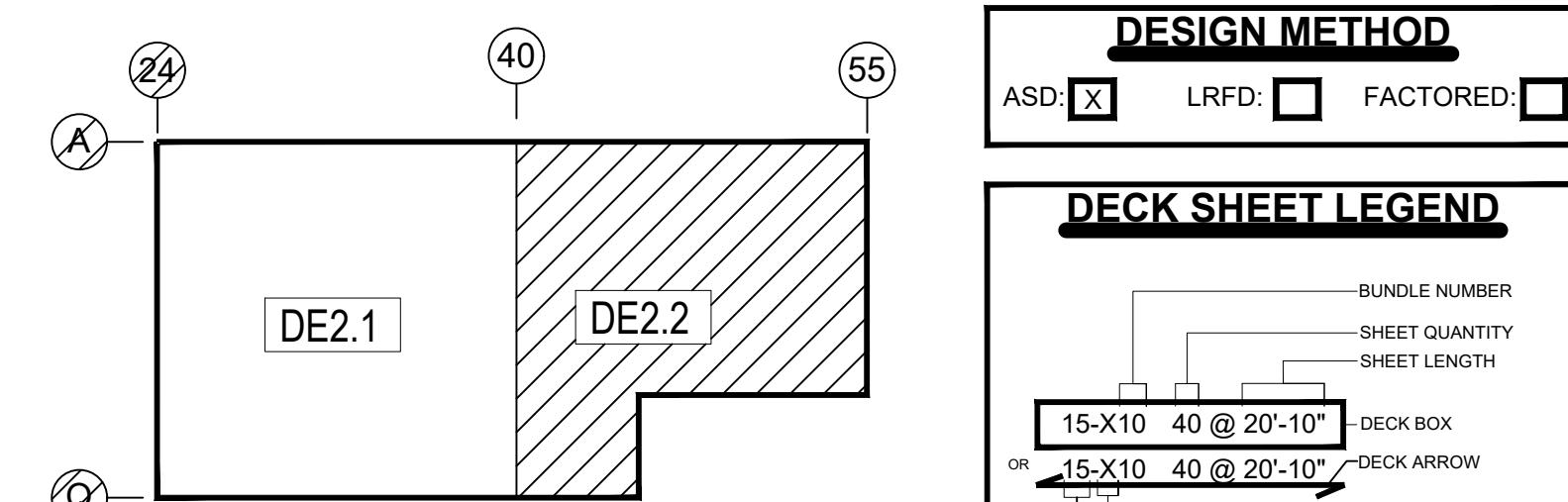
DECK FASTENER SCHEDULE

FASTENER PATTERN at SUPPORT:			
BUILDING ZONE	PATTERN @ INTERNAL SUPPORT	PATTERN @ EXTERIOR SUPPORT	FASTENER TYPE @ SUPPORT
FLOOR	36/4	12" O.C.	5/8"Ø PUDDLE WELD #10 TEK SCREW @ 36" O.C.
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.			
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.

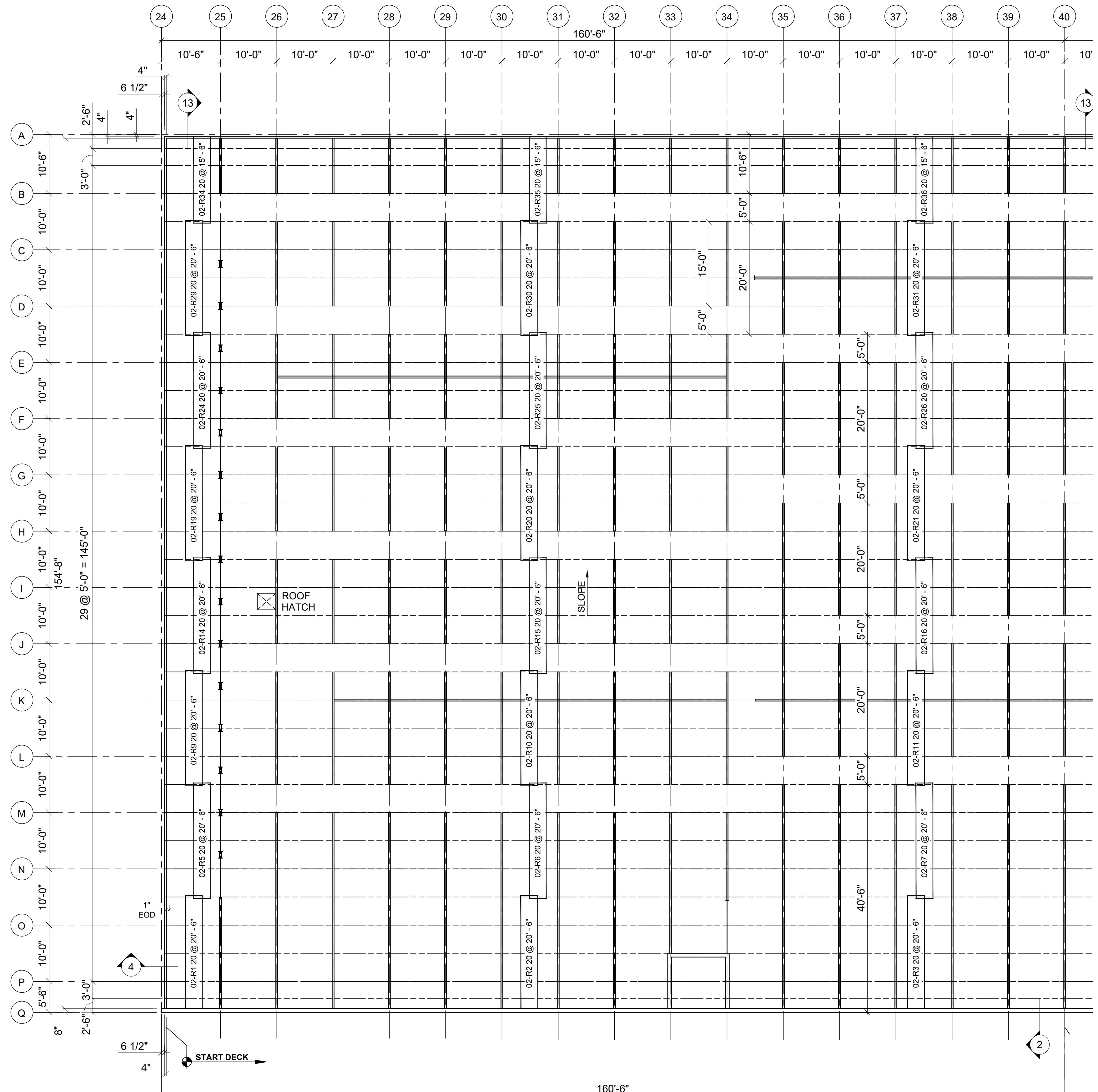
MARK	Gage	Profile	A	B	C	Angle
CC3 (Cell Closure)	20	B	3"	1"		
PS54 (Pour Stop)	16	A C B	5 1/2"	4"	1/2"	
TEK/1 (Tek Screws)						

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

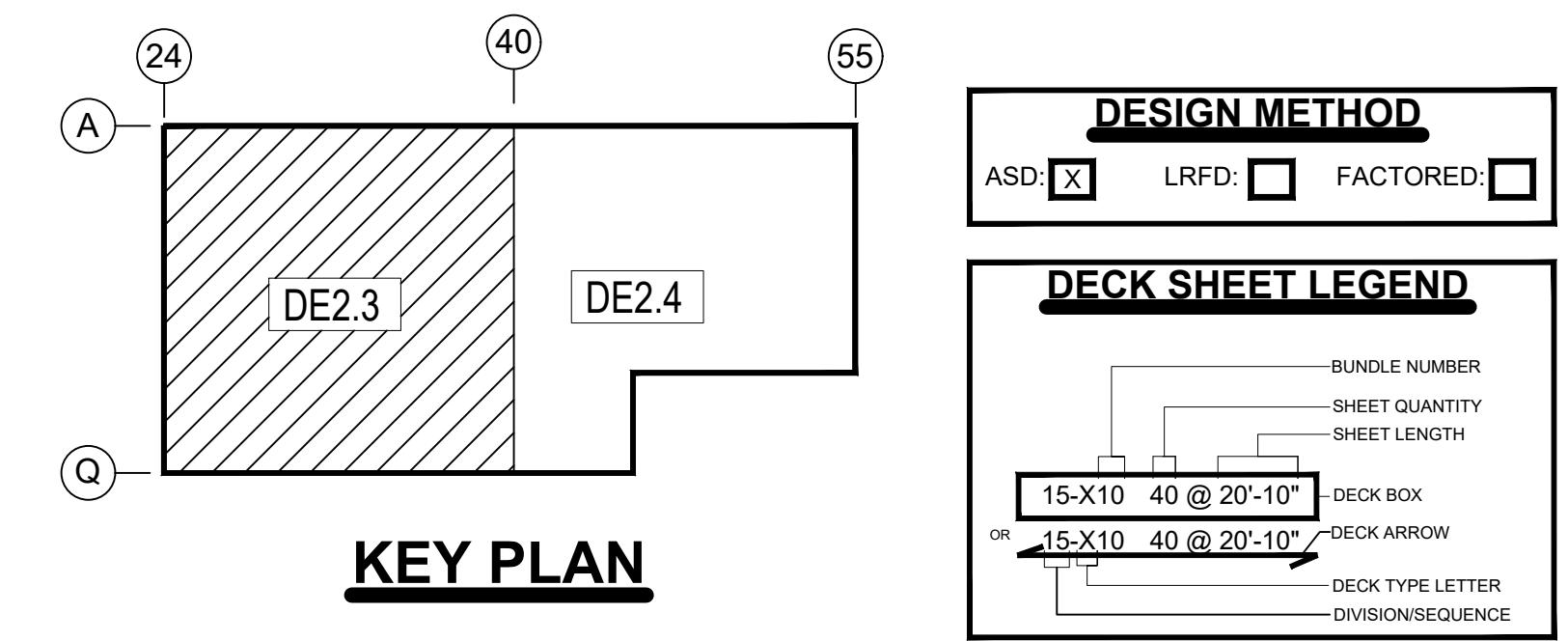
ERECTOR NOTE - DECK SPAN CHART MAXIMUM ALLOWABLE CLEAR SPANS							
IF THESE SPANS ARE EXCEEDED, SHORING OF DECK WILL BE REQUIRED. SHORING IS BY OTHERS.							
SPANS ARE FROM EDGE OF SUPPORT TO EDGE OF SUPPORT FOR FLOOR. (CLEAR SPAN) FOR ROOF, SPANS ARE FROM C/L OF BEAM TO C/L OF BEAM. SPANS ARE BASED 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"

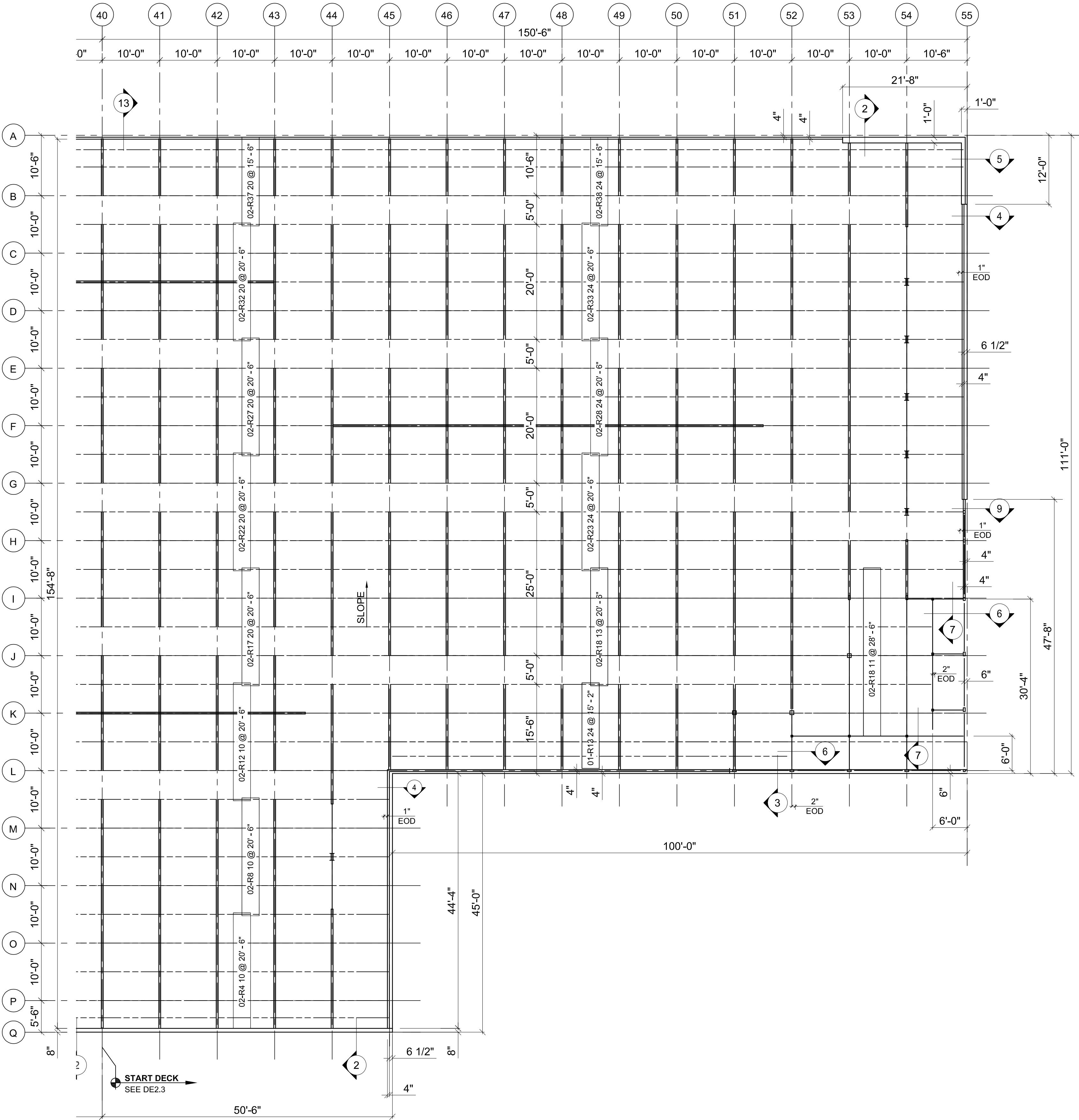


DECK GAGE & FINISH							
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
<input type="checkbox"/>	<input type="checkbox"/>	R	1.5 B	22	GALV (G60)	33 KSI	36"

DECK FASTENER SCHEDULE			
FASTENER PATTERN at SUPPORT:			
 36/4 PATTERN			
GENERAL NOTES:			
ALLOWABLE CAPACITY FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION 104 "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 SIDE LAP SCREWS ARE SPEC'D, THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 30". MINIMUM SIZE SIDE LAP SCREW SHALL BE #10 TEK.			
BUILDING ZONE	PATTERN @ NODAL SUPPORT	PATTERN @ SUPPORT	FASTENER TYPE @ SUPPORT
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 WELD 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)						

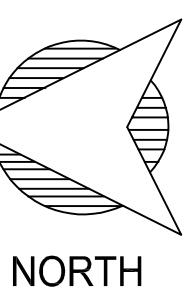




PARTIAL ROOF DECK PLACEMENT PLAN- BUILDING 'A'

SEQ. #02D

REF. : S-102A



NORTH

NOTES:

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

DECK GAGE & FINISH

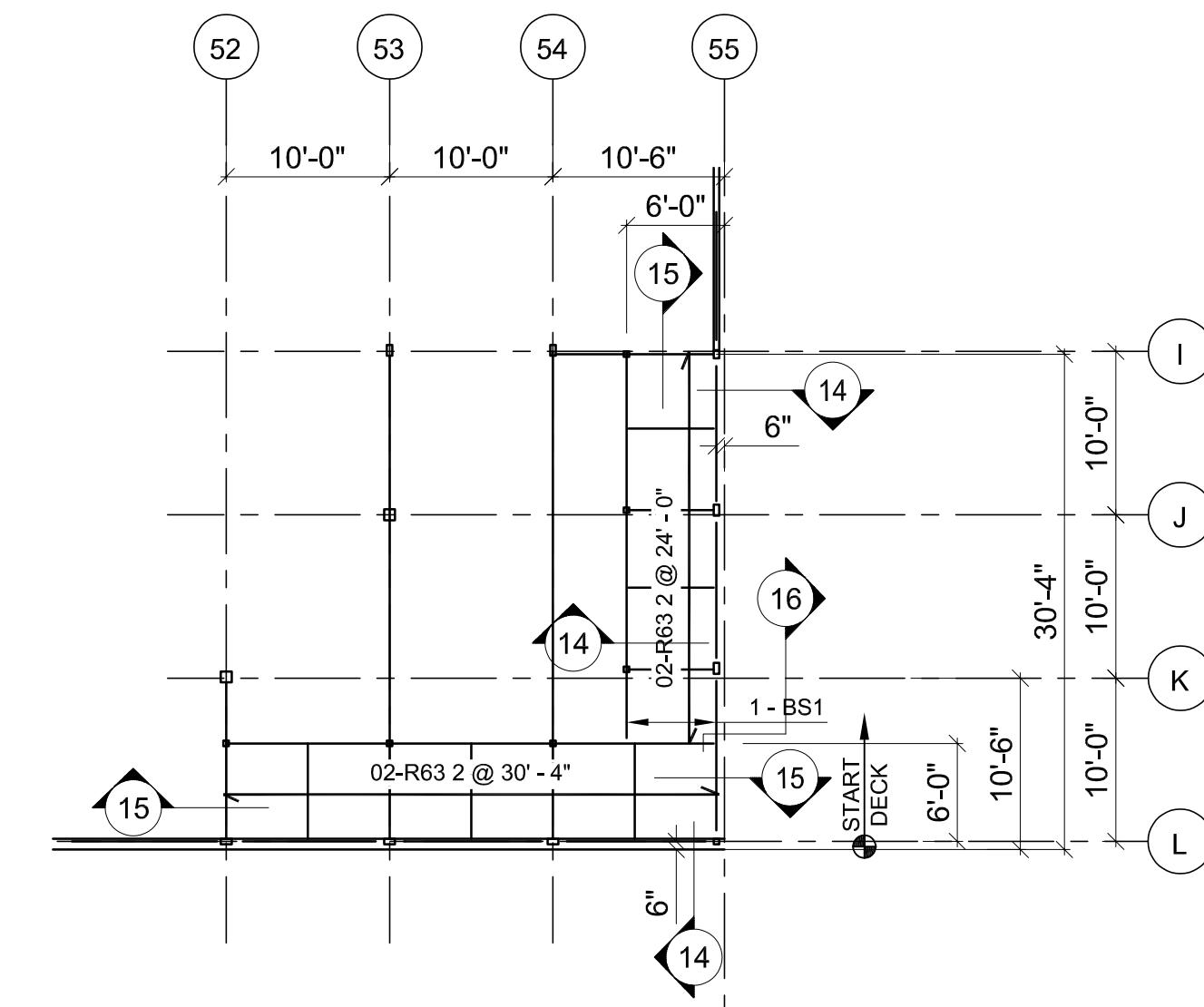
FM DECK	UL DECK	MARK	TYPE	GAGE	FINISH	Fy (KSI)	COVER
<input type="checkbox"/>	<input type="checkbox"/>	R	1.5 B	22	GALV (G60)	33 KSI	36"

DECK FASTENER SCHEDULE

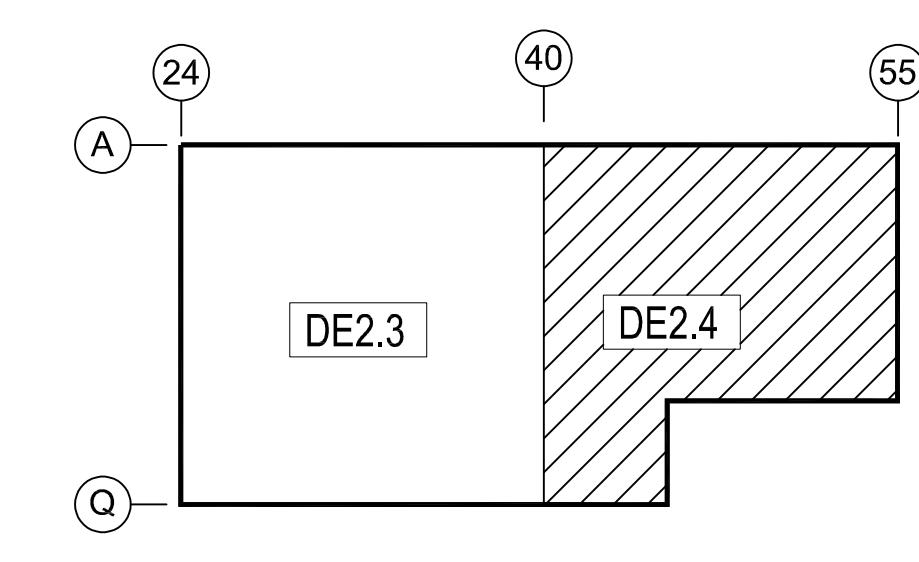
FASTENER PATTERN at SUPPORT:			
GENERAL NOTES:			
ALLOWABLE SPACING FOR DIAPHRAGM ACTION IS IN ACCORDANCE TO SDI PUBLICATION, DIAPHRAGM DESIGN MANUAL. IN THE CASE OF MECHANICAL FASTENERS, THE ERECTOR SHALL TAKE CARE IN THE SELECTION OF ELECTRODES AND AMPERAGE TO PROVIDE POSITIVE TIE TO THE SUPPORT WITHOUT 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 @ SUPPORT	PATTERN @ SUPPORT	FASTERNER TYPE @ SUPPORT
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)						
BS1 (Butt Strip)	20	A	6"			

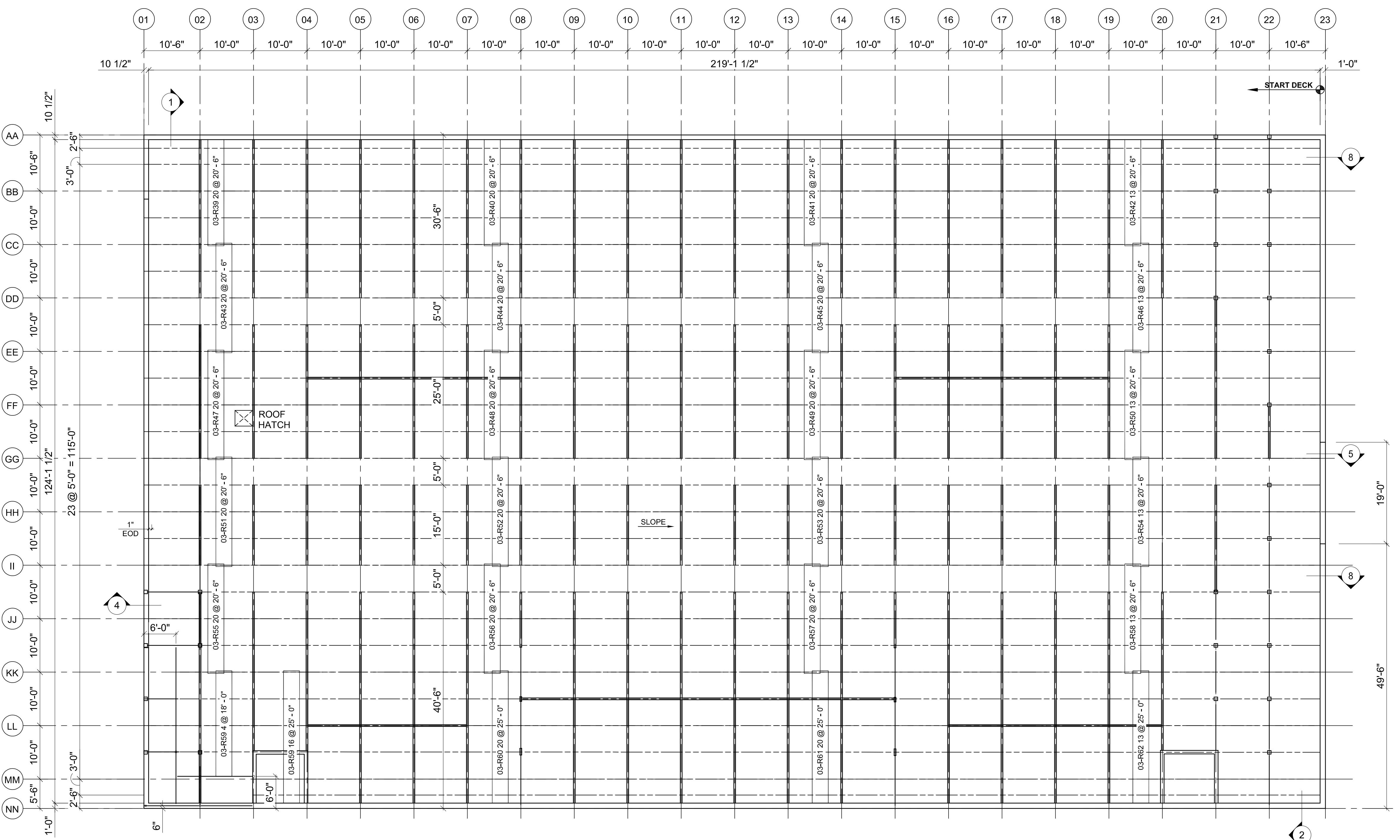


DISPLAY AREA



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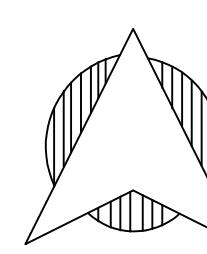
DECK SHEET LEGEND	
BUNDLE NUMBER	SHEET QUANTITY
DECK BOX	SHEET LENGTH
DECK ARROW	OR
DECK TYPE LETTER	DIVISION/SEQUENCE
15-X10 40 @ 20'-10"	



ROOF DECK PLACEMENT PLAN- BUILDING 'B'

SEQ. #03D

REF. : S-101B

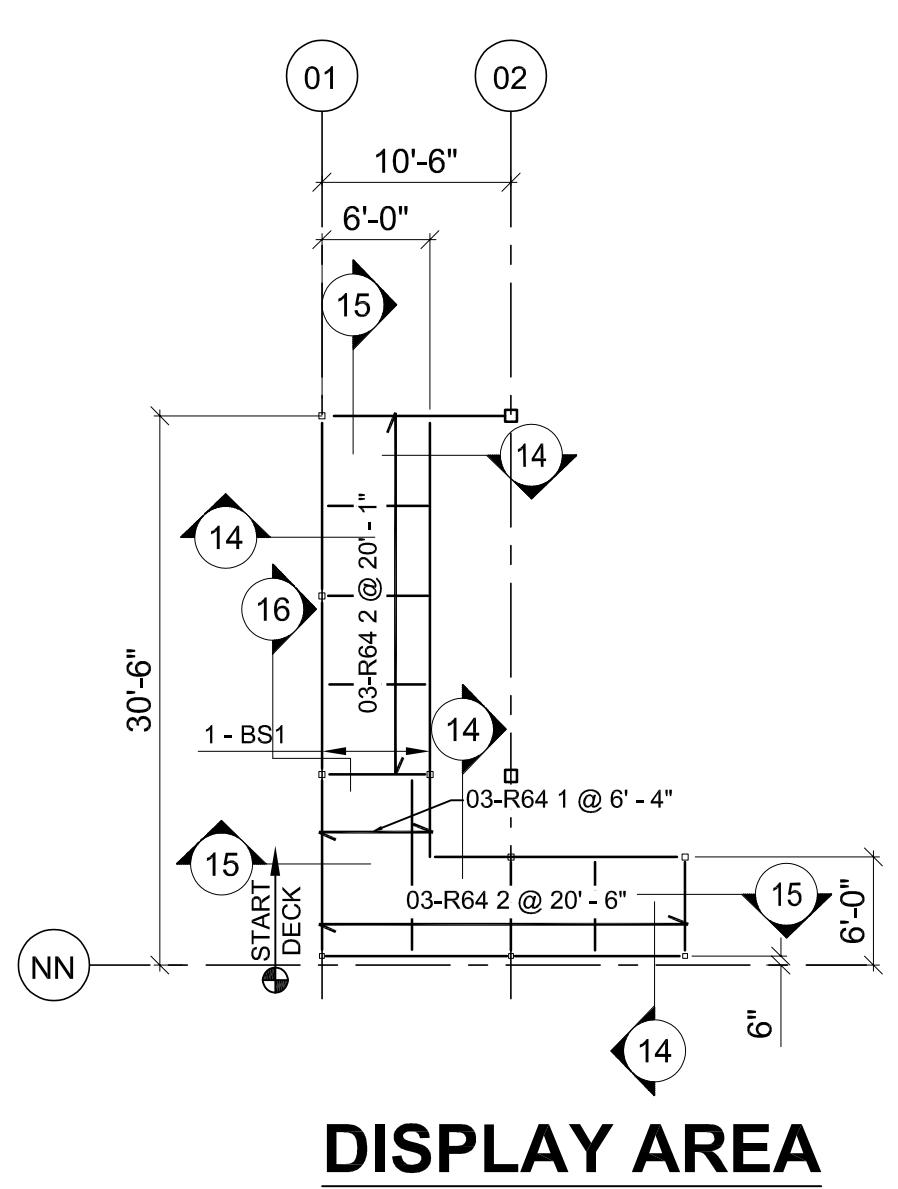


NORTH

NOTES:

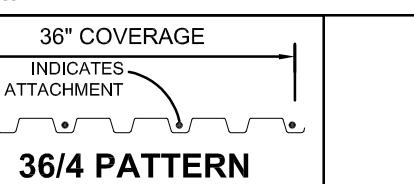
1. REFERENCE DWG DE1.1 FOR LEGEND, SYMBOLS & ABBREVIATIONS.
2. FOR DECK SECTIONS SEE DE1.3.

Accessories Schedule Length = 10'-0" TYP. UNO.						
MARK	Gage	Profile	A	B	C	Angle
TEK1 (Tek Screws)						
BS1 (Butt Strip)	20		6"			



DECK FASTENER SCHEDULE

FASTENER PATTERN at SUPPORT:



GENERAL NOTES:

ALLOWABLE CAPACITY FOR DURPHRAGM ACTION IN ACCORDANCE TO SDI PUBLICATION "DURPHRAGM DESIGN AND CONSTRUCTION". FOR MECHANICAL FASTENERS, THE EJECTION 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'D, THE SPACING SHALL BE EQUALLY DISTANCED WITHOUT HAVING ANY SPACE GREATER THAN 30". MINIMUM SIZE SIDELAP SCREW SHALL BE #10 TEK.

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)

ASD: <input checked="" type="checkbox"/>	LRFD: <input type="checkbox"/>	FACTORED: <input type="checkbox"/>
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DECK SHEET LEGEND					
BUNDLE NUMBER	SHEET QUANTITY	SHEET LENGTH	DECK BOX	DECK ARROW	DECK TYPE LETTER DIVISION/SEQUENCE
15-X10 40 @ 20'-10"	OR 15-X10 40 @ 20'-10"				

BILL OF MATERIALS

List For FABRICATION

JOB-ID 23-11628 SEQ# 01D

Job Name WINCREST SELF STORAGE 248840 BLDG A + BLDG I

Remarks 40 KSI MINIMUM REQUIRED

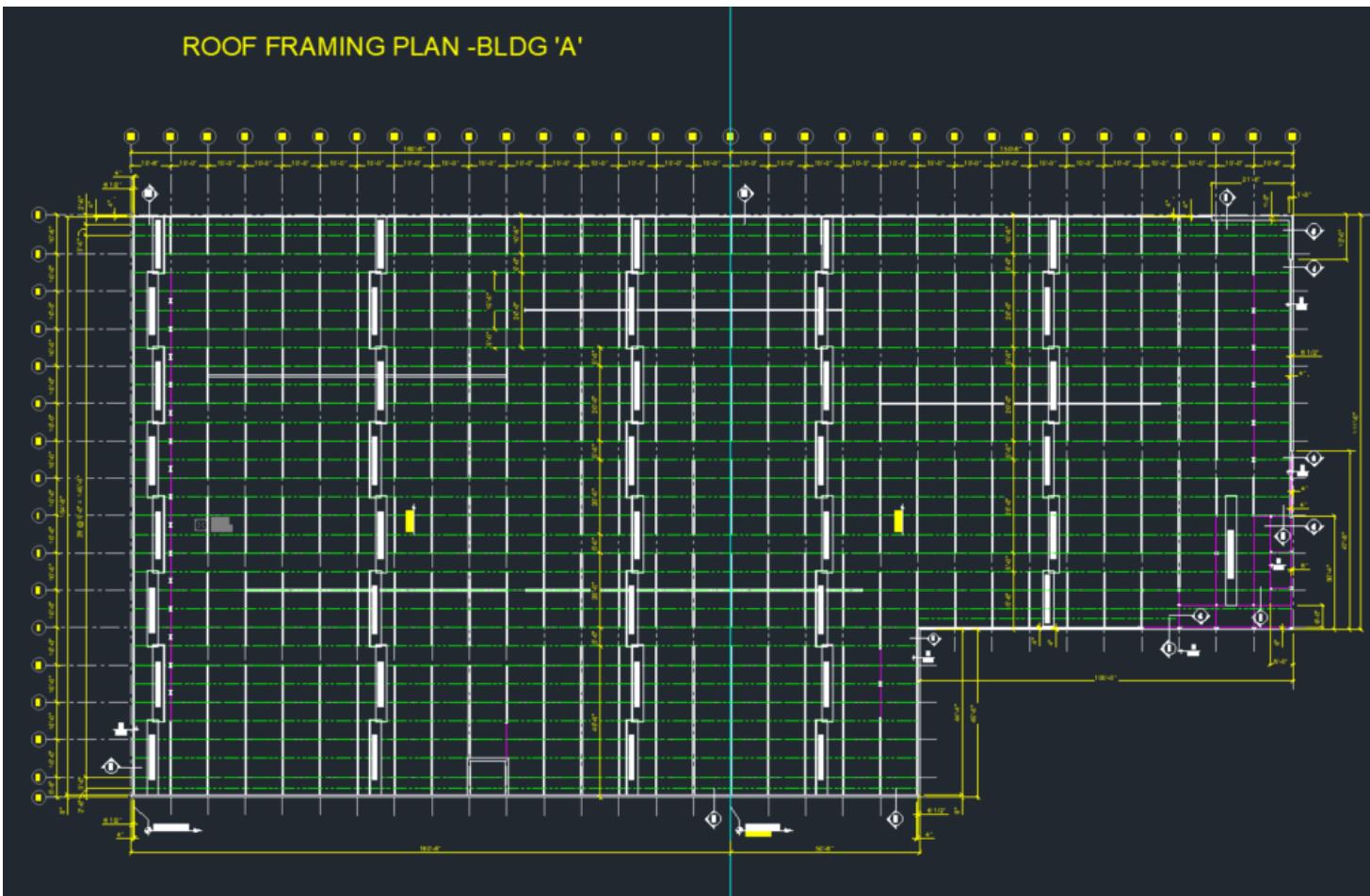
DECK BOM

Type	3" COMP		GA	20	FINISH	G-60	Top Clr	Bot Clr	Cover	36	SQS	255.84
Bundle Mark	QTY	(ft.) (in.)		Inches	SQS	LBS.	SCREWS					
C1	20 pcs	20'- 6.00"		246.00	12.30	2,645	#10-16 x 3/4-in.					6,000
C2	20 pcs	20'- 6.00"		246.00	12.30	2,645	#12-24 x 1 1/4-in.					
C3	12 pcs	20'- 6.00"		246.00	7.38	1,587	Weld Washers 14ga. 5/8-in.					
C4	20 pcs	20'- 6.00"		246.00	12.30	2,645	ACCESSORY TYPES					
C5	20 pcs	20'- 6.00"		246.00	12.30	2,645	A	B	C = 1/2" U/N 3/4" FOR 10 & 12 GA	POUR STOP	CELL CLOSURE	Z - CLOSURE
C6	12 pcs	20'- 6.00"		246.00	7.38	1,587	A	B	PS_	CC_	ZC_	
C7	20 pcs	20'- 6.00"		246.00	12.30	2,645	A	B	A = 1" MIN	CLOSURE STRIP	EDGE STRIP	"Z" EDGE STRIP
C8	20 pcs	20'- 6.00"		246.00	12.30	2,645	A	B	CS_	ES_	ZES_	
C9	12 pcs	20'- 6.00"		246.00	7.38	1,587	A	B	ANGLE	RIDGE & VALLEY	SUPPORT CHANNEL	BUTT STRIP
C10	20 pcs	20'- 6.00"		246.00	12.30	2,645	A	B	RV_	SC_	BS_	Length
C11	20 pcs	20'- 6.00"		246.00	12.30	2,645	CC3	31	20	3.00	1.00	10
C12	12 pcs	20'- 6.00"		246.00	7.38	1,587	PS54	93	16	5.50	4.00	.50
C13	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C14	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C15	12 pcs	20'- 6.00"		246.00	7.38	1,587						
C16	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C17	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C18	12 pcs	20'- 6.00"		246.00	7.38	1,587						
C19	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C20	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C21	12 pcs	20'- 6.00"		246.00	7.38	1,587						
C22	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C23	20 pcs	20'- 6.00"		246.00	12.30	2,645						
C24	12 pcs	20'- 6.00"		246.00	7.38	1,587						

416 pcs

255.84 55,006

ROOF FRAMING PLAN -BLDG 'A'



FIRST FLOOR FRAMING PLAN -BLDG 'A'

