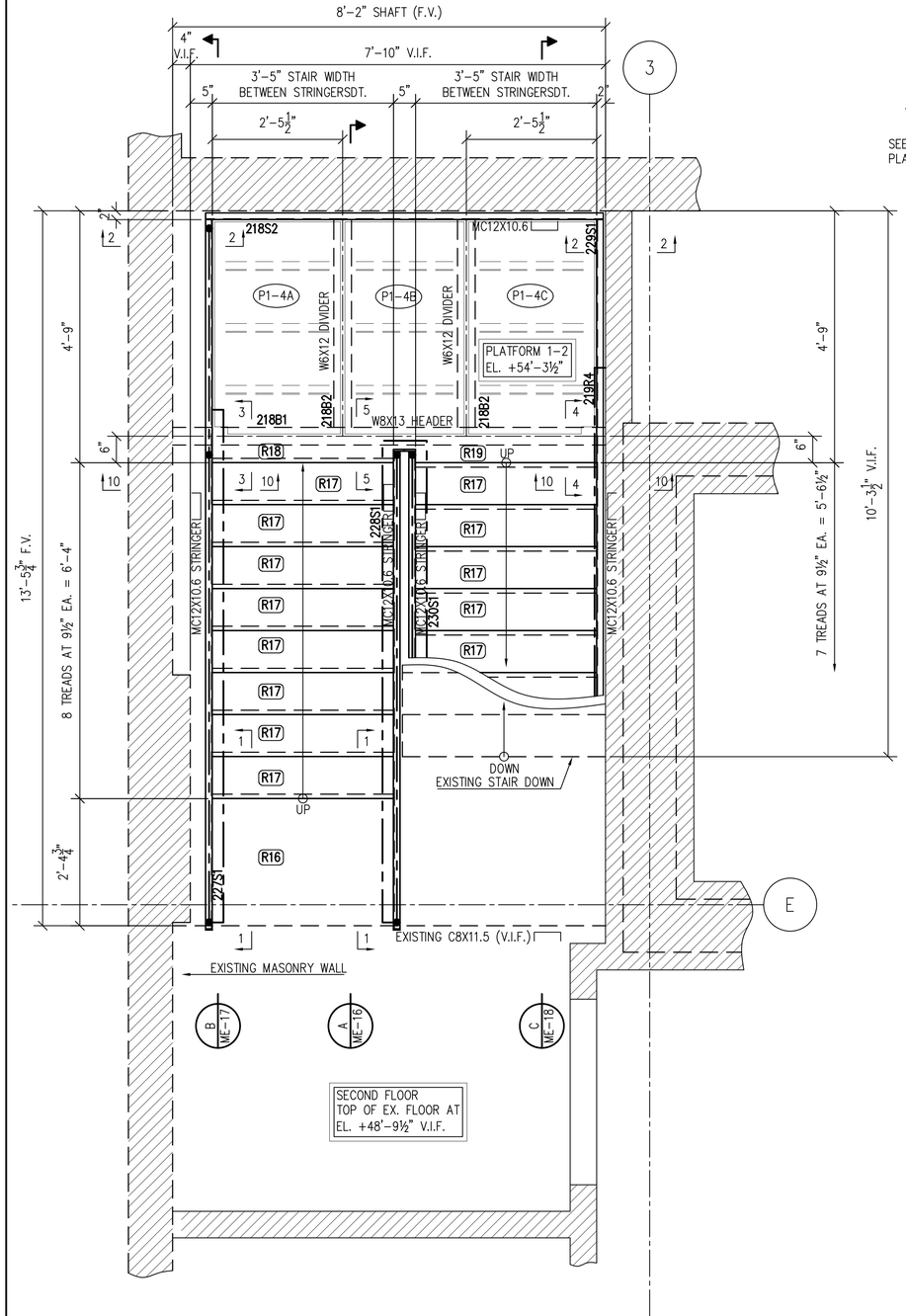
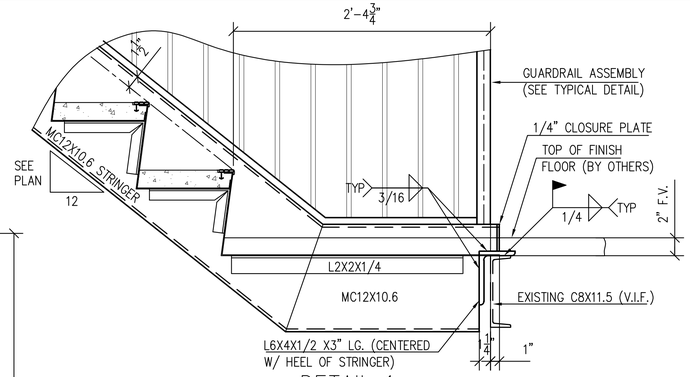
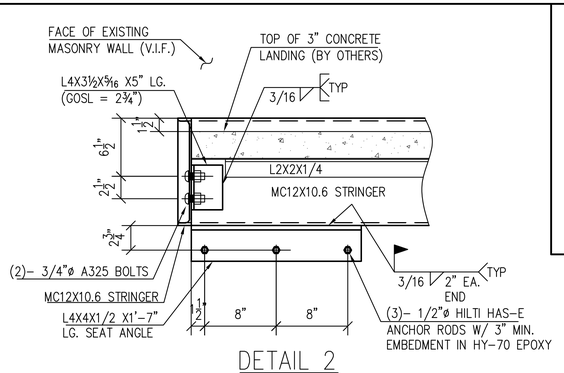


17 RISERS AT 7¼" EA.
(-½") = 10'-2¾" UP
TO THIRD FLOOR

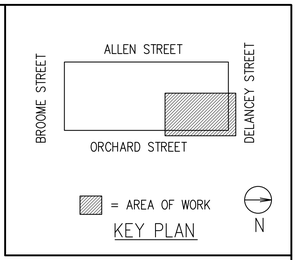
PARTIAL 2ND FLOOR PLAN
SCALE 3/4"=1'-0"



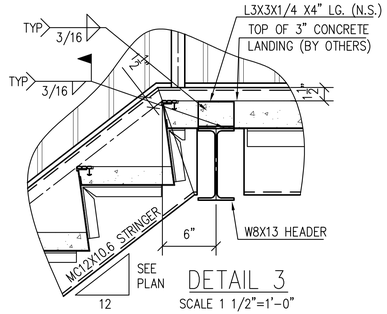
DETAIL 1
SCALE 1 1/2"=1'-0"



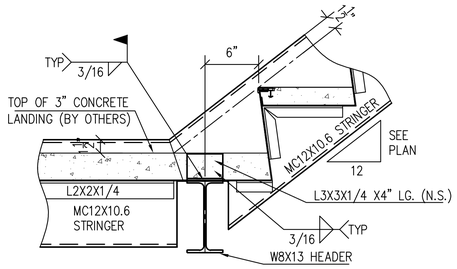
DETAIL 2
SCALE 1 1/2"=1'-0"



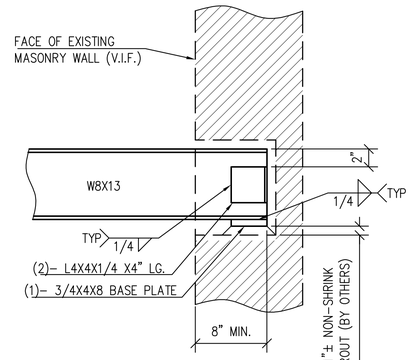
KEY PLAN



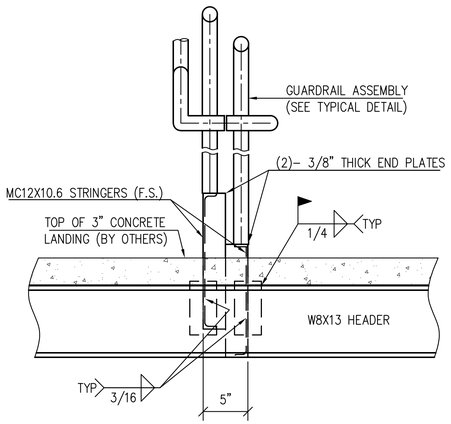
DETAIL 3
SCALE 1 1/2"=1'-0"



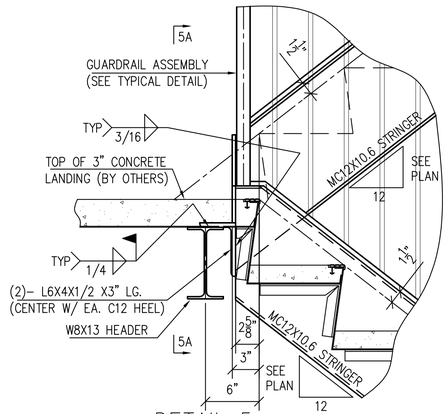
DETAIL 4
SCALE 1 1/2"=1'-0"



DETAIL 10
SCALE 1 1/2"=1'-0"



DETAIL 5A
SCALE 1 1/2"=1'-0"



DETAIL 5
SCALE 1 1/2"=1'-0"

NOTE:
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REFERENCE DRAWINGS:
A-700

OC ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

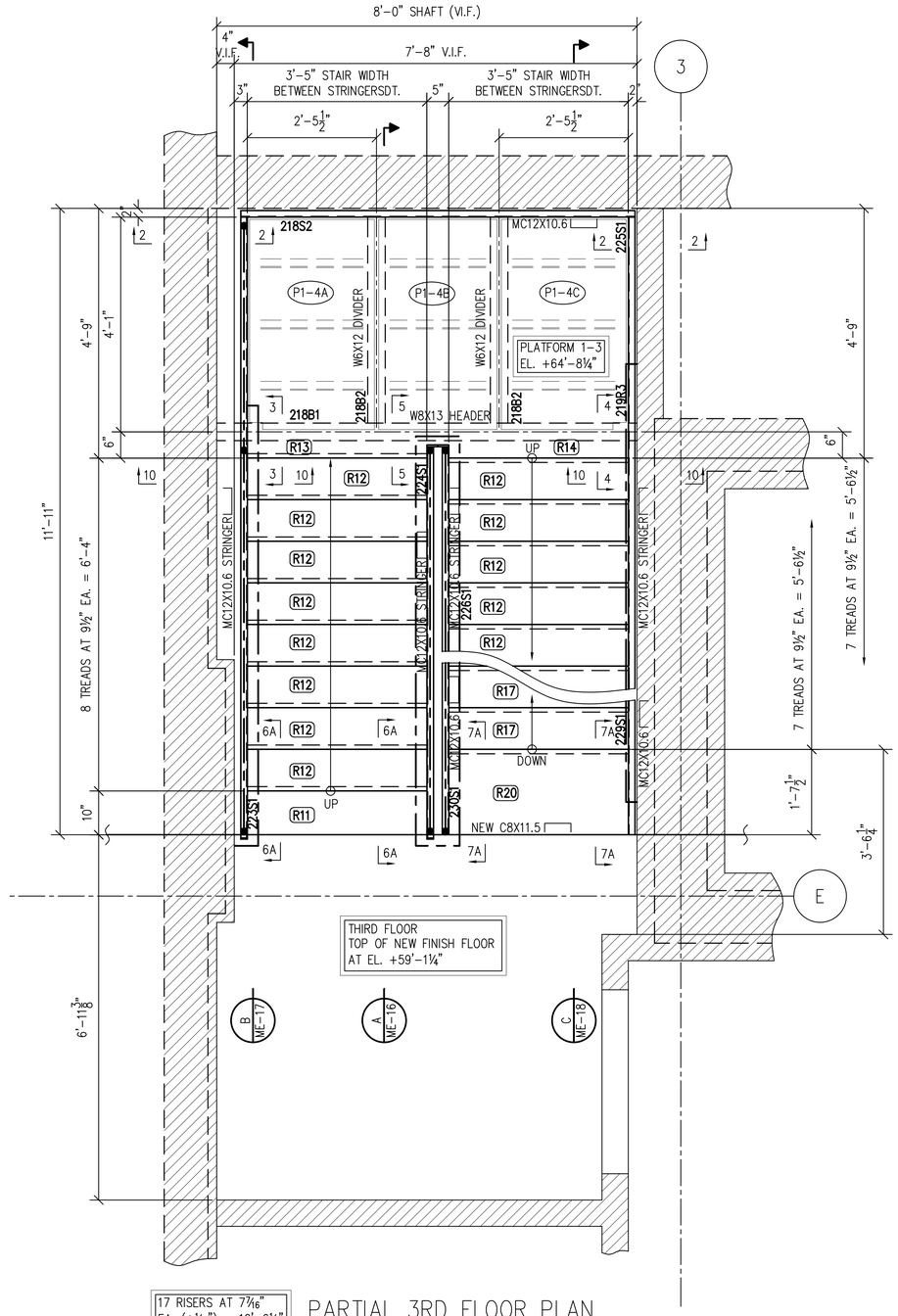
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION - FLOOR 2 TO 3
4	12/12/16	FABRICATION - FLOORS 3 TO ROOF
3	11/29/16	FABRICATION - HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

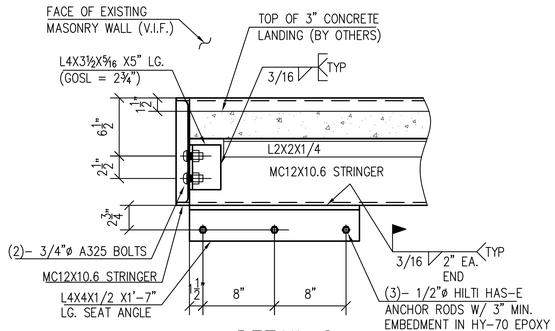
DRN BY: TS
CHKD BY: ---
DATE: 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT
MATERIAL: SEE MATERIALS NOTE
DWG. No. ME-105

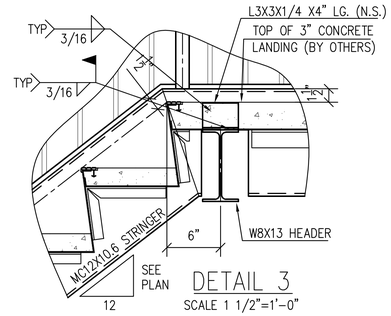


17 RISERS AT 7⅞"
EA. (+1/16") = 10'-6½"
UP TO FOURTH FLOOR

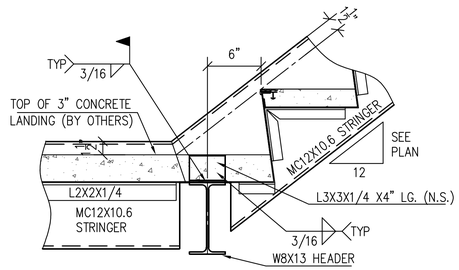
PARTIAL 3RD FLOOR PLAN
SCALE 3/4"=1'-0"



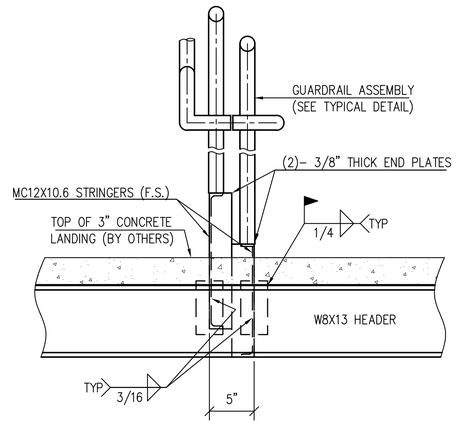
DETAIL 2
SCALE 1 1/2"=1'-0"



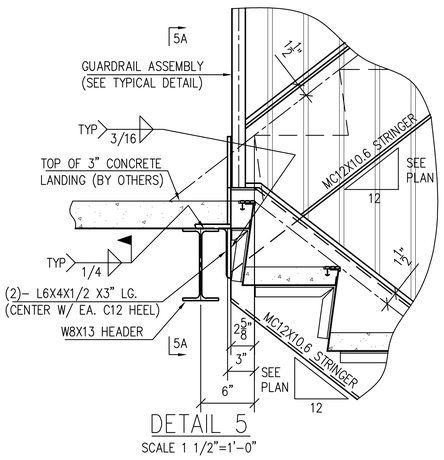
DETAIL 3
SCALE 1 1/2"=1'-0"



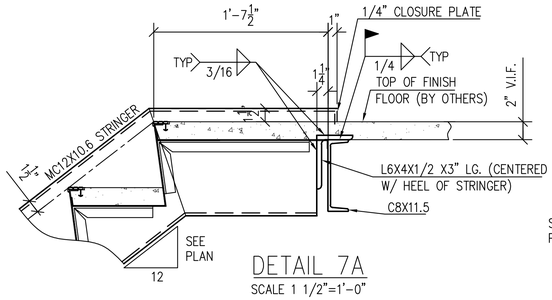
DETAIL 4
SCALE 1 1/2"=1'-0"



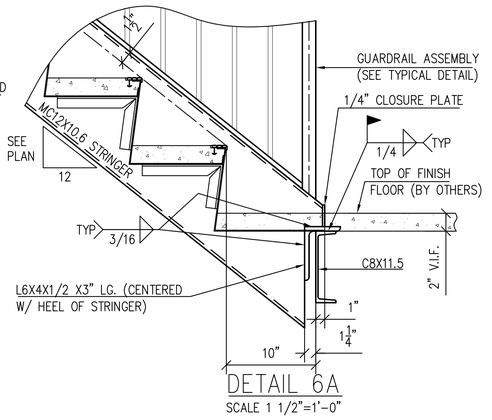
DETAIL 5A
SCALE 1 1/2"=1'-0"



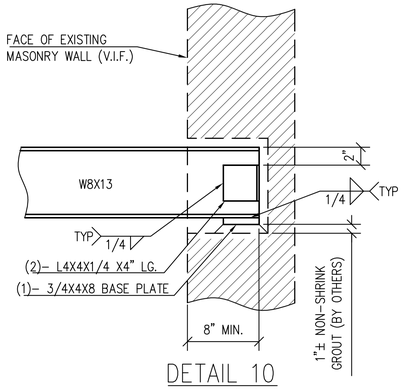
DETAIL 5
SCALE 1 1/2"=1'-0"



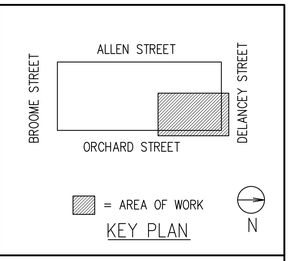
DETAIL 7A
SCALE 1 1/2"=1'-0"



DETAIL 6A
SCALE 1 1/2"=1'-0"



DETAIL 10
SCALE 1 1/2"=1'-0"



KEY PLAN

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

NOTE:
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REFERENCE DRAWINGS:
A-700

ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
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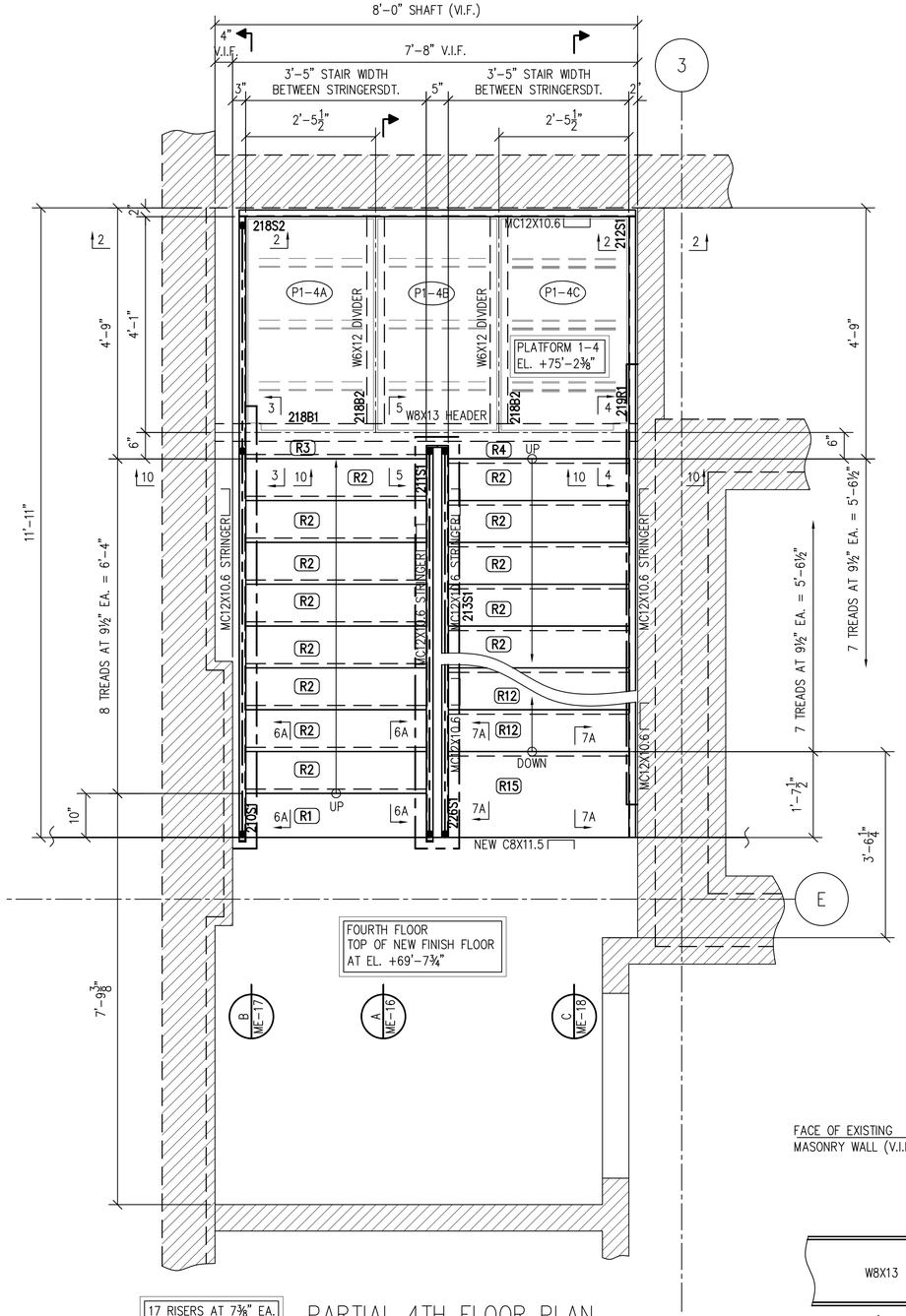
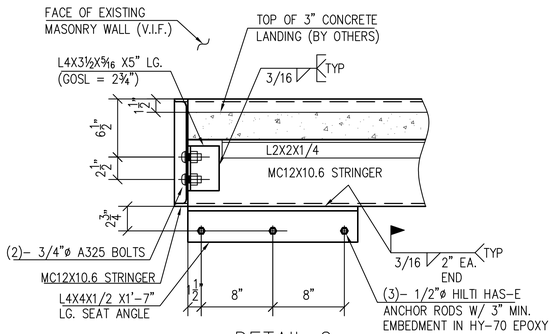
REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION - FLOOR 2 TO 3
4	12/12/16	FABRICATION - FLOORS 3 TO ROOF
3	11/29/16	FABRICATION - HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

DRN BY TS
CHKD BY ---
DATE 7/20/2016

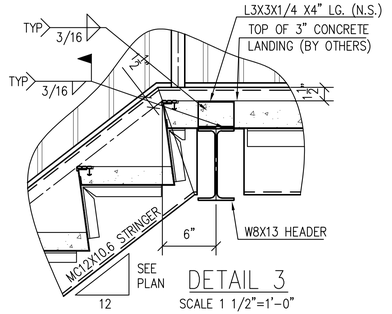
PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | DWG. No. ME-11 5
MATERIAL: SEE MATERIALS NOTE



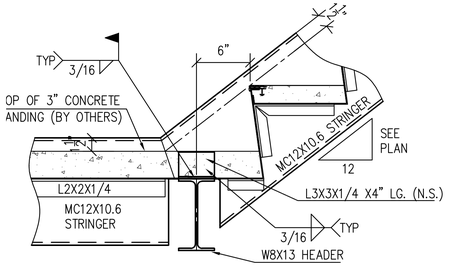
PARTIAL 4TH FLOOR PLAN
SCALE 3/4"=1'-0"



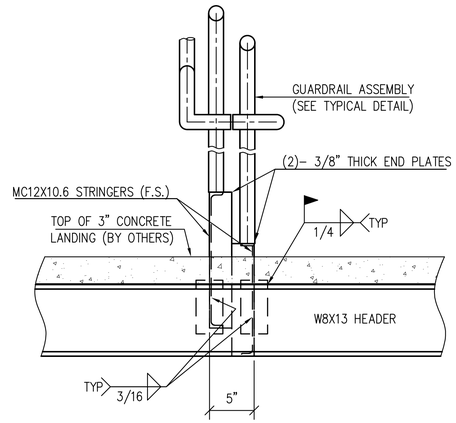
DETAIL 2
SCALE 1 1/2"=1'-0"



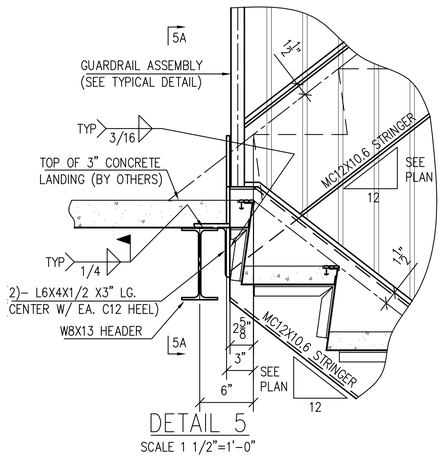
DETAIL 3
SCALE 1 1/2"=1'-0"



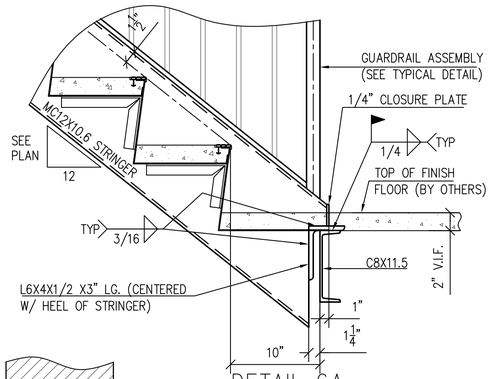
DETAIL 4
SCALE 1 1/2"=1'-0"



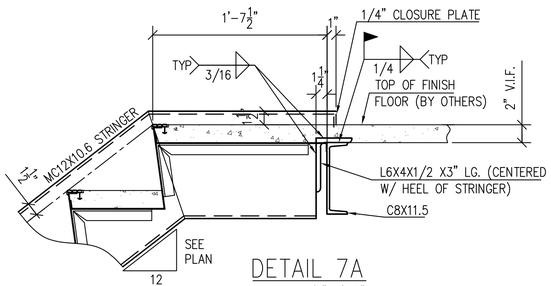
DETAIL 5A
SCALE 1 1/2"=1'-0"



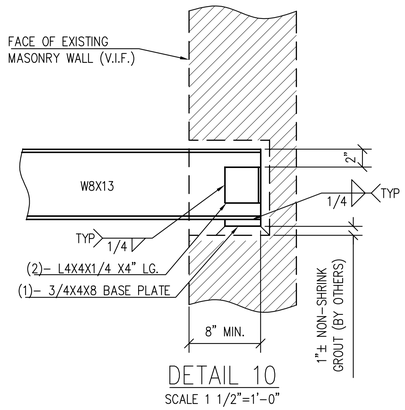
DETAIL 5
SCALE 1 1/2"=1'-0"



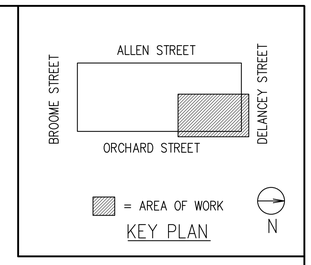
DETAIL 6A
SCALE 1 1/2"=1'-0"



DETAIL 7A
SCALE 1 1/2"=1'-0"



DETAIL 10
SCALE 1 1/2"=1'-0"



KEY PLAN

NOTE:
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REFERENCE DRAWINGS:
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ON CENTER
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ALL BOLTS TO BE SNUG FIT U.N.O.

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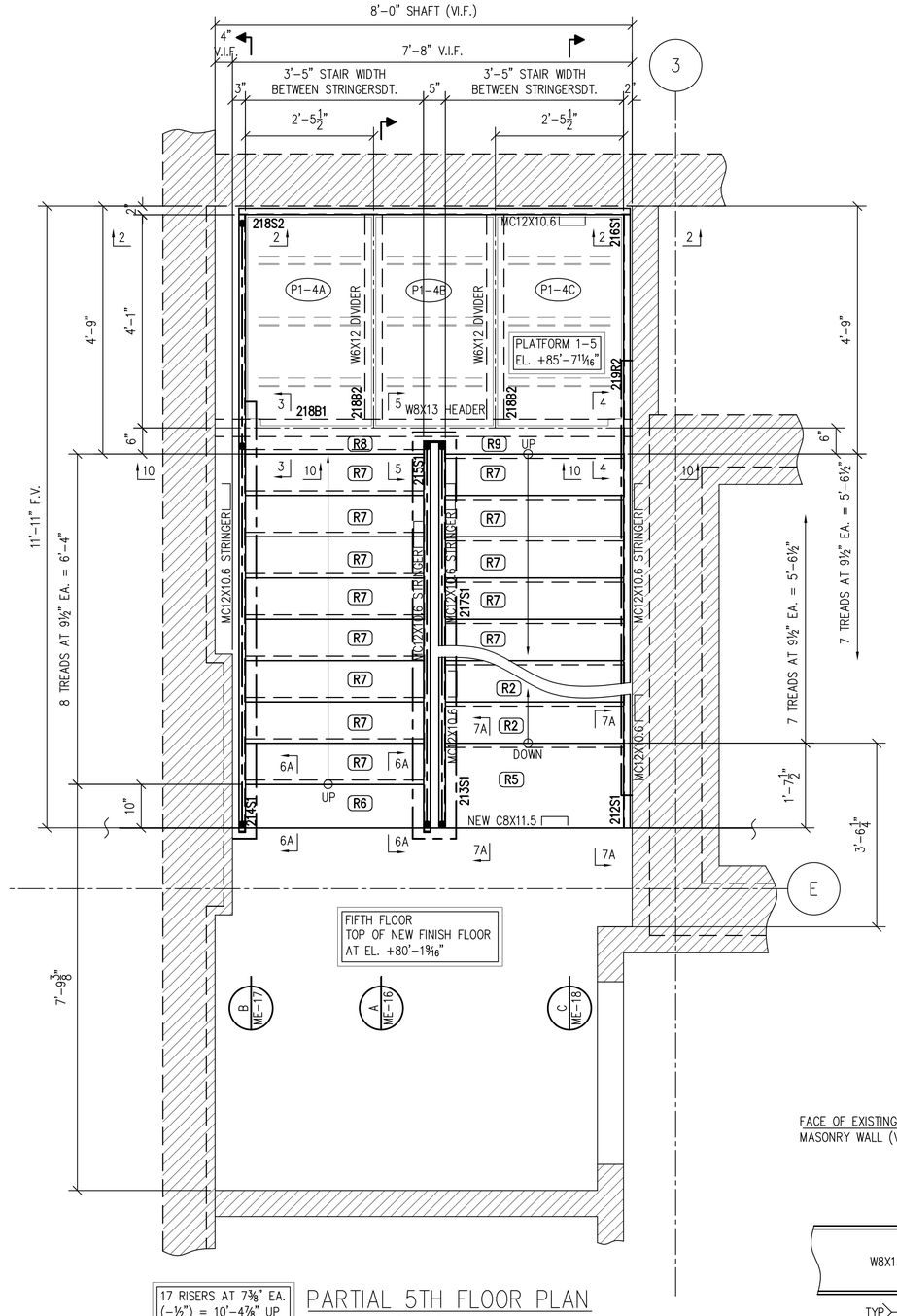
REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION - FLOOR 2 TO 3
4	12/12/16	FABRICATION - FLOORS 3 TO ROOF
3	11/29/16	FABRICATION - HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

DRN BY TS
CHKD BY ---
DATE 7/20/2016

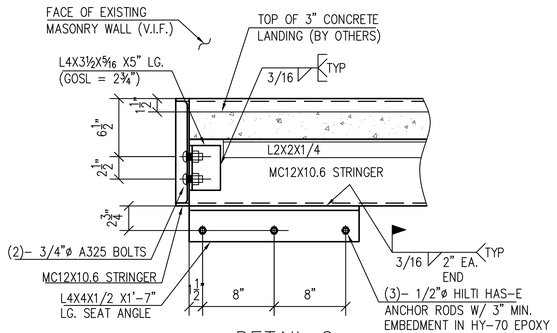
PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT
MATERIAL: SEE MATERIALS NOTE
DWG. No. ME-12 5



17 RISERS AT 7⅜" EA. (−½") = 10'-4⅞" UP TO ROOF LEVEL

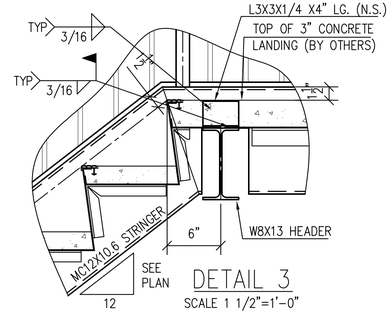
PARTIAL 5TH FLOOR PLAN

SCALE 3/4"=1'-0"



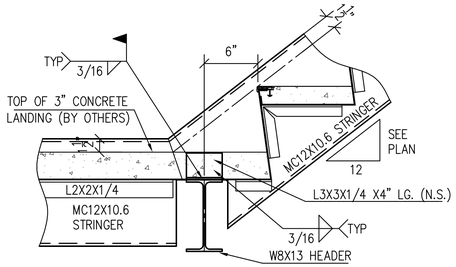
DETAIL 2

SCALE 1 1/2"=1'-0"



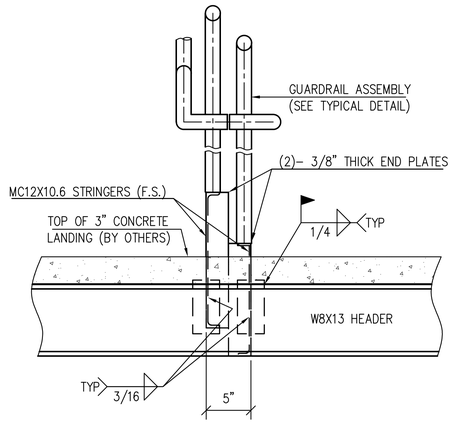
DETAIL 3

SCALE 1 1/2"=1'-0"



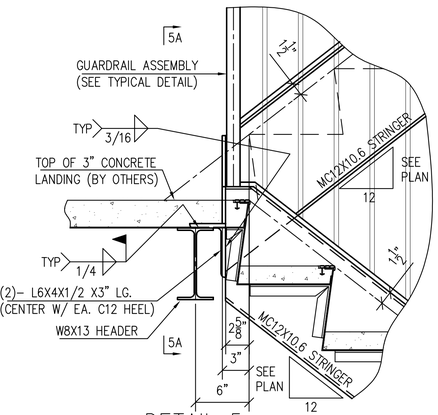
DETAIL 4

SCALE 1 1/2"=1'-0"



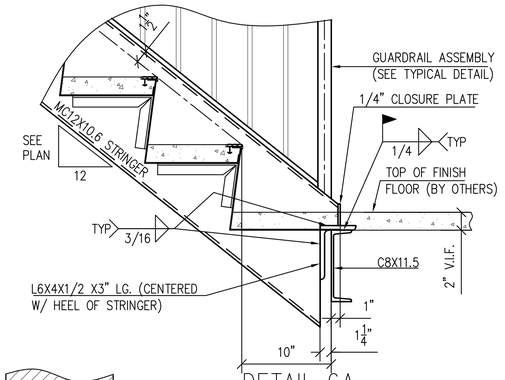
DETAIL 5A

SCALE 1 1/2"=1'-0"



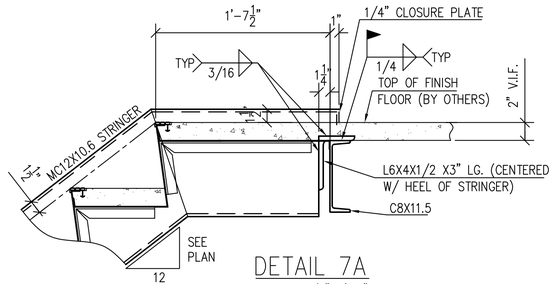
DETAIL 5

SCALE 1 1/2"=1'-0"



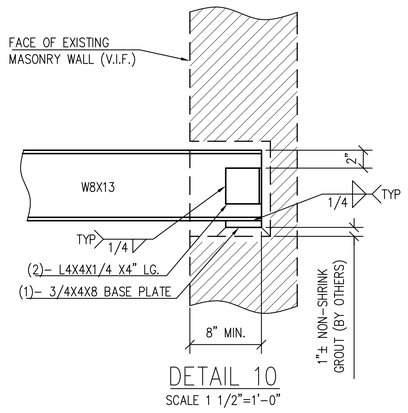
DETAIL 6A

SCALE 1 1/2"=1'-0"



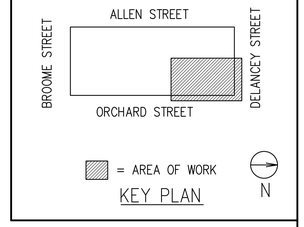
DETAIL 7A

SCALE 1 1/2"=1'-0"



DETAIL 10

SCALE 1 1/2"=1'-0"



KEY PLAN

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REFERENCE DRAWINGS:
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DRN BY: TS
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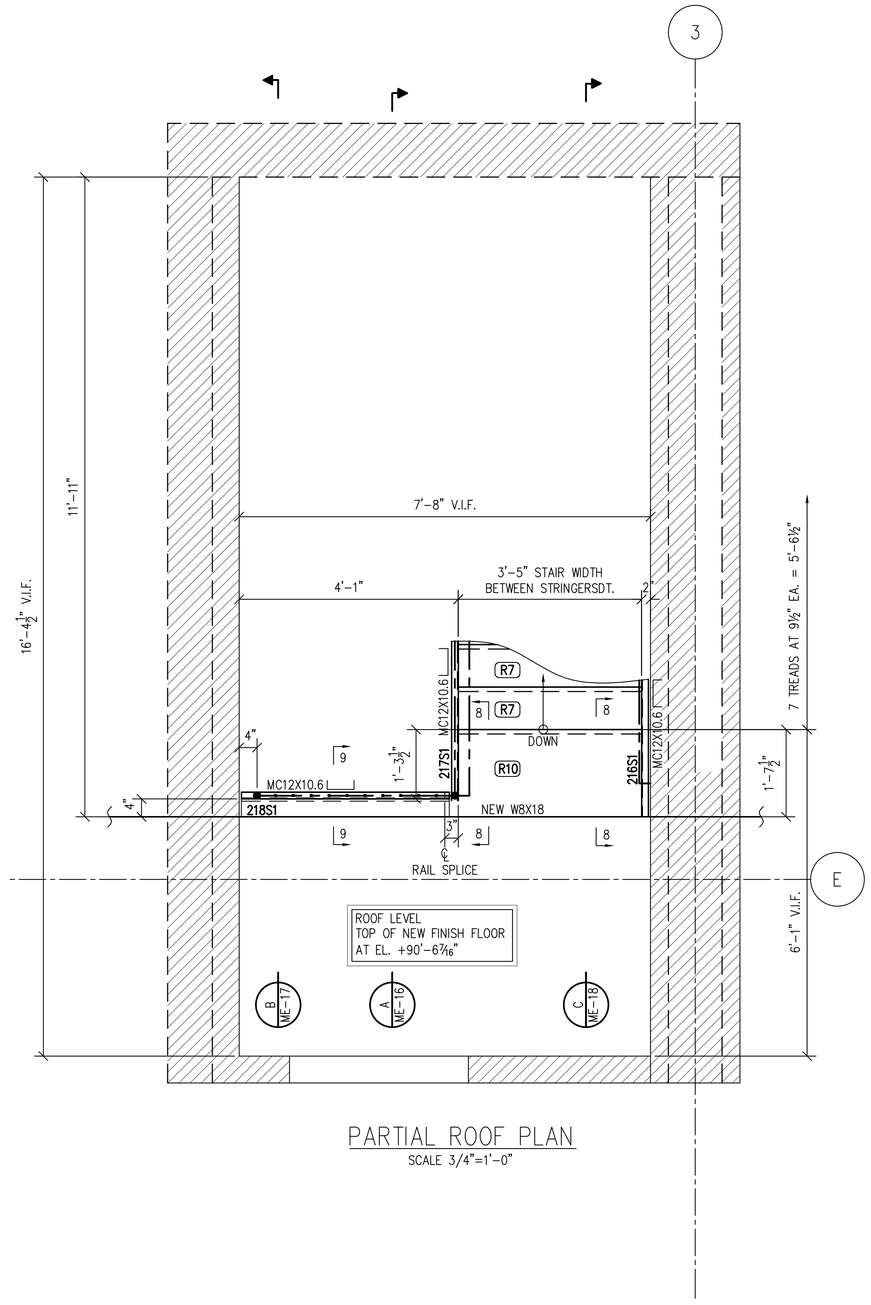
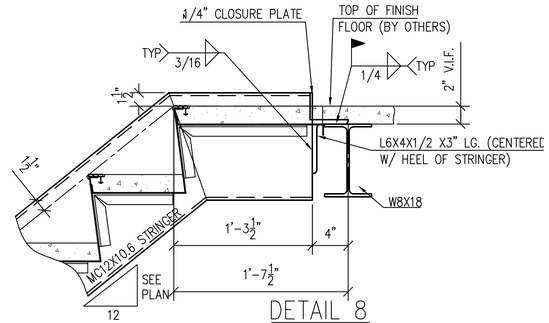
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | DWG. No. ME-13 5
MATERIAL: SEE MATERIALS NOTE



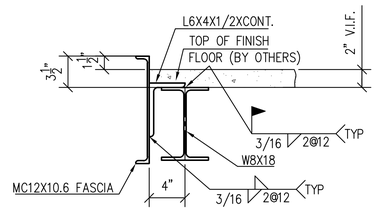
PARTIAL ROOF PLAN

SCALE 3/4"=1'-0"



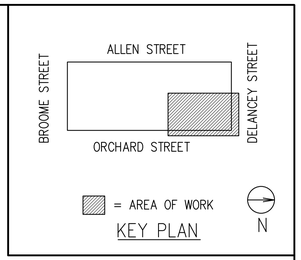
DETAIL 8

SCALE 1 1/2"=1'-0"



DETAIL 9

SCALE 1 1/2"=1'-0"



KEY PLAN

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A-700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
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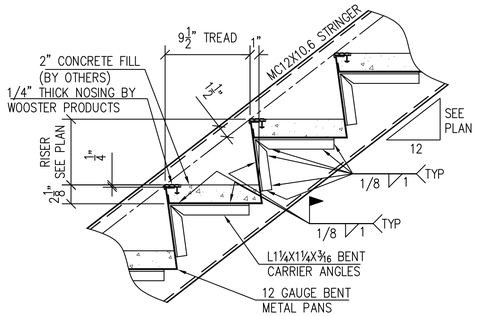
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

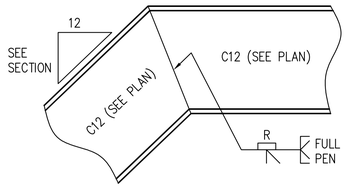
REV.	DATE	ISSUED FOR	
5	12/21/16	FABRICATION - FLOOR 2 TO 3	DRN BY
4	12/12/16	FABRICATION - FLOORS 3 TO ROOF	TS
3	11/29/16	FABRICATION - HEADERS ONLY	CHKD BY
2	11/10/16	COORDINATION	---
1	11/4/16	COORDINATION	DATE
0	8/5/16	APPROVAL	7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | ME-14 5
MATERIAL: SEE MATERIALS NOTE | DWG. No.



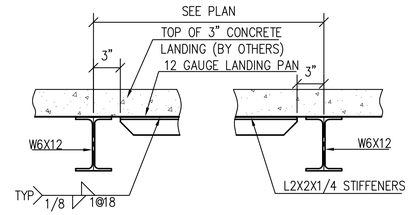
TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



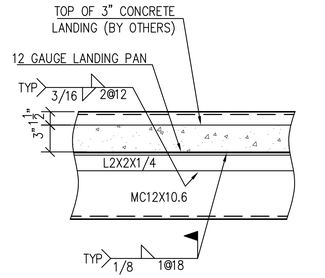
TYPICAL STRINGER SPLICE

SCALE 1 1/2"=1'-0"



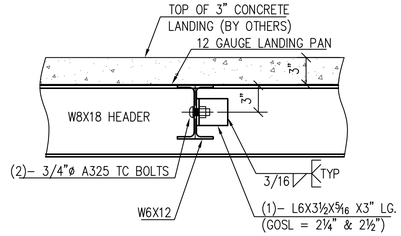
TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"



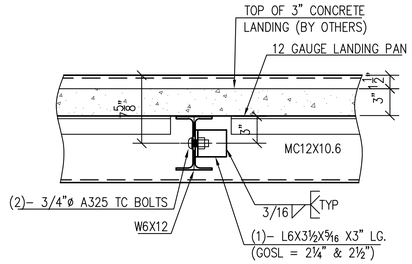
TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"



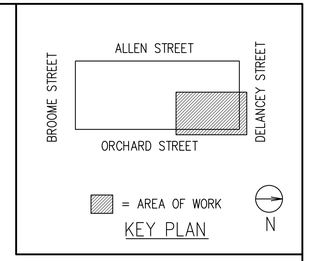
TYPICAL CONNECTION
W6X12 INTO W8X18

SCALE 1 1/2"=1'-0"

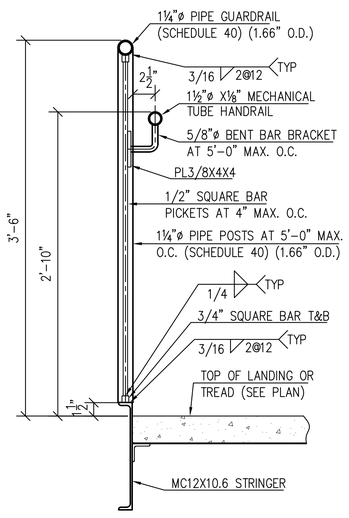


TYPICAL CONNECTION
W6X12 INTO MC12X10.6

SCALE 1 1/2"=1'-0"

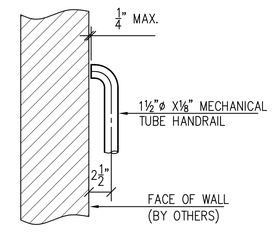


KEY PLAN



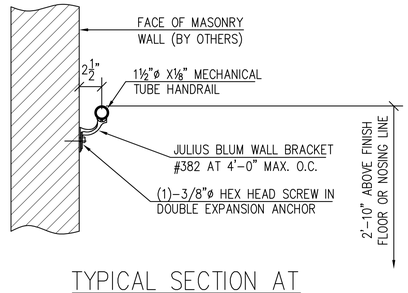
TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"



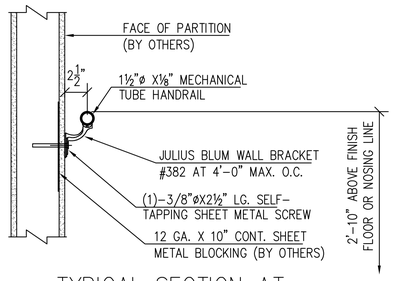
TYPICAL DETAIL AT
WALL–MOUNTED HANDRAIL

SCALE 1 1/2"=1'-0"



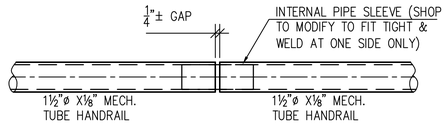
TYPICAL SECTION AT
WALL–MOUNTED HANDRAIL

SCALE 1 1/2"=1'-0"



TYPICAL SECTION AT
WALL–MOUNTED HANDRAIL

SCALE 1 1/2"=1'-0"



TYPICAL HANDRAIL
SPLICE DETAIL

SCALE 3"=1'-0"

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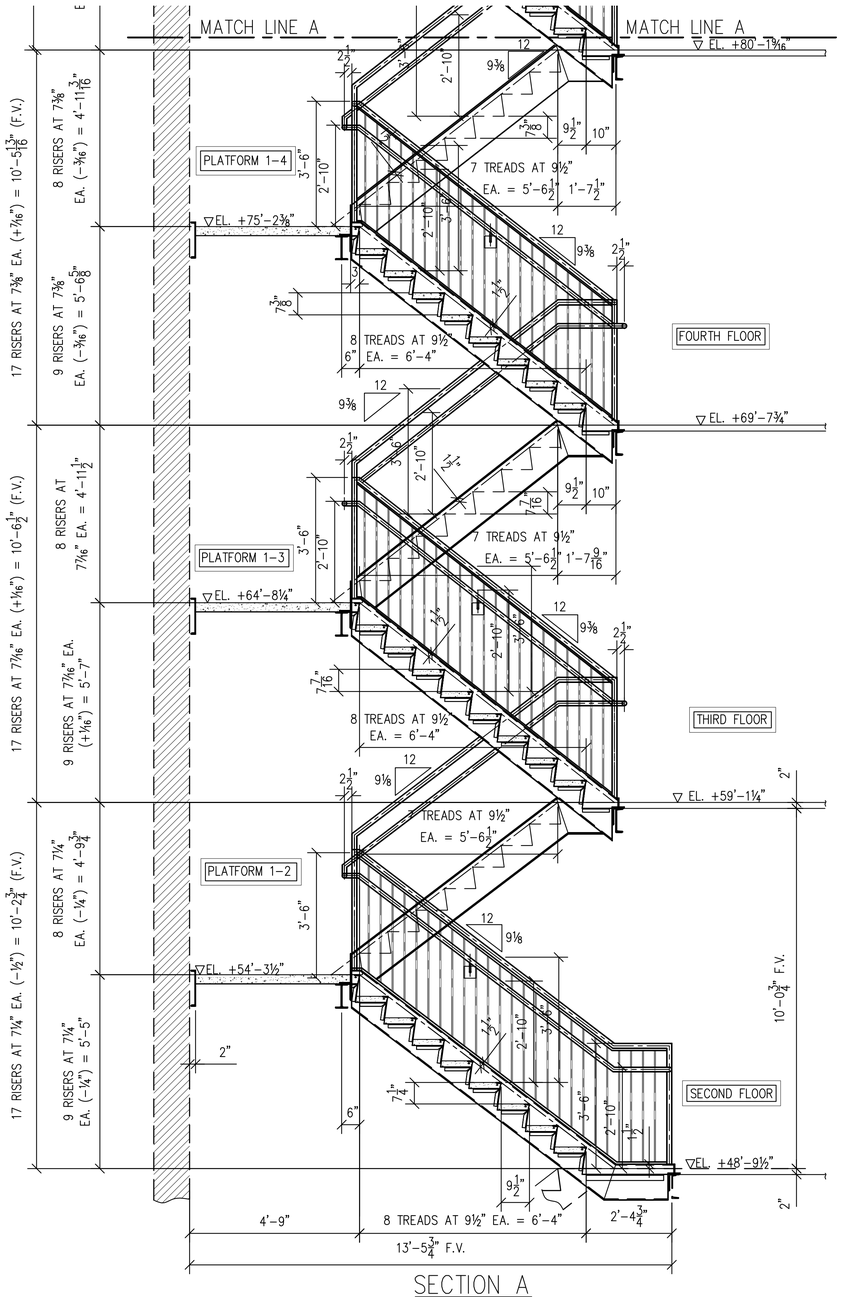
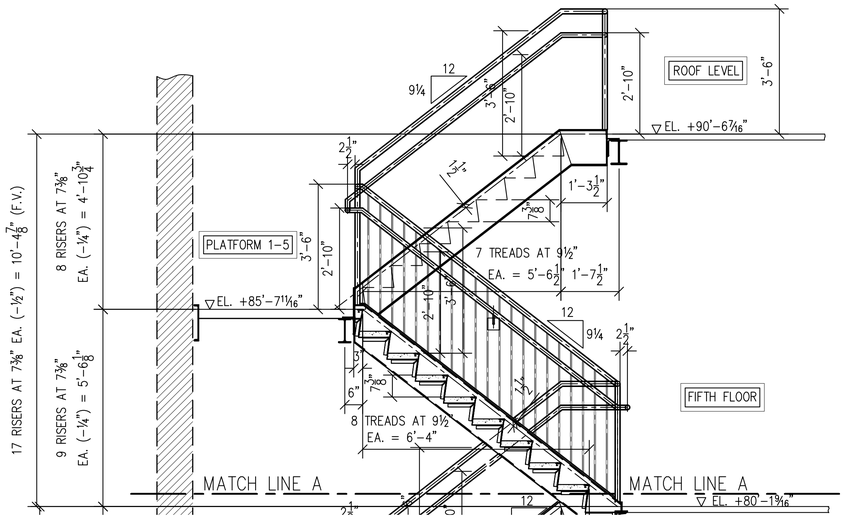
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

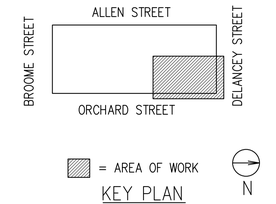
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT
MATERIAL: SEE MATERIALS NOTE
DWG. No. ME–15 5



SECTION A
SCALE 1/2"=1'-0"





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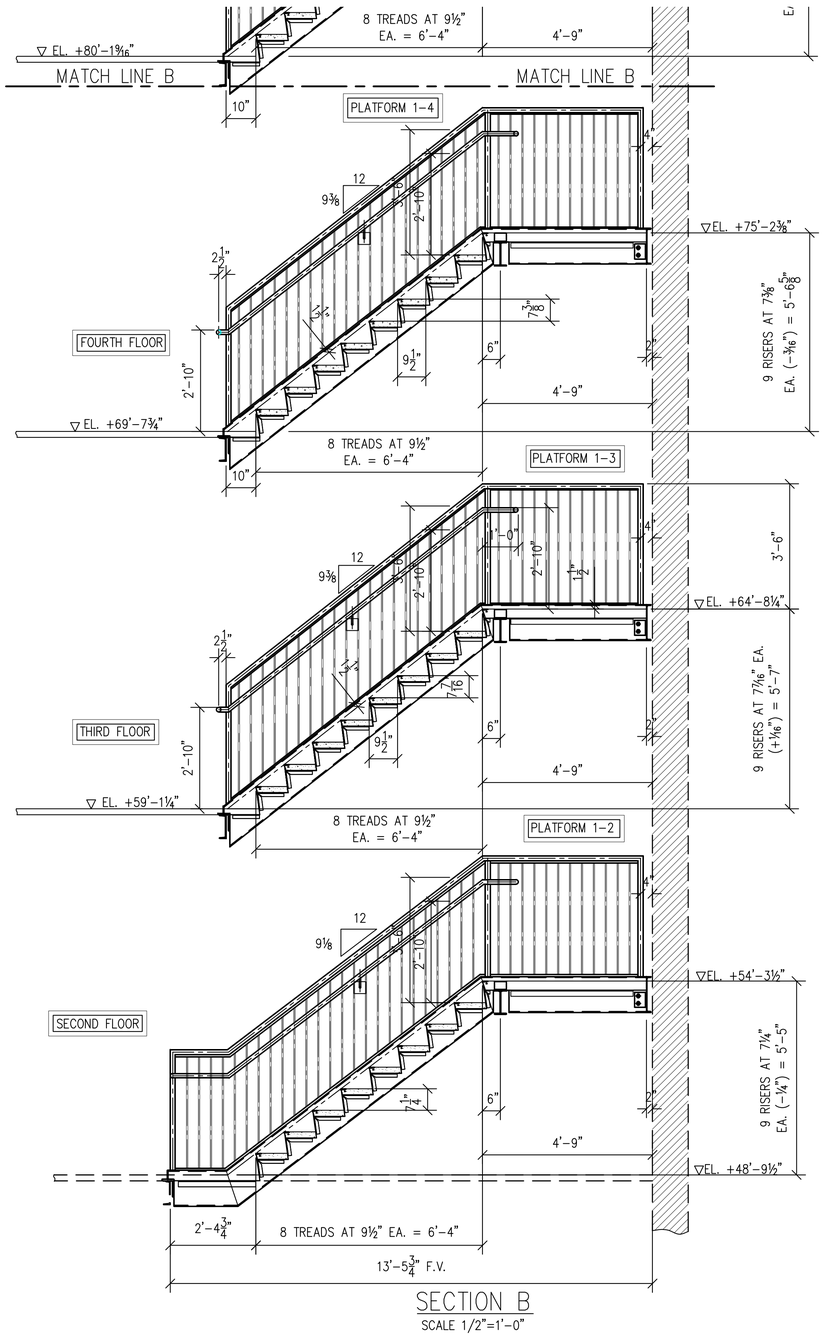
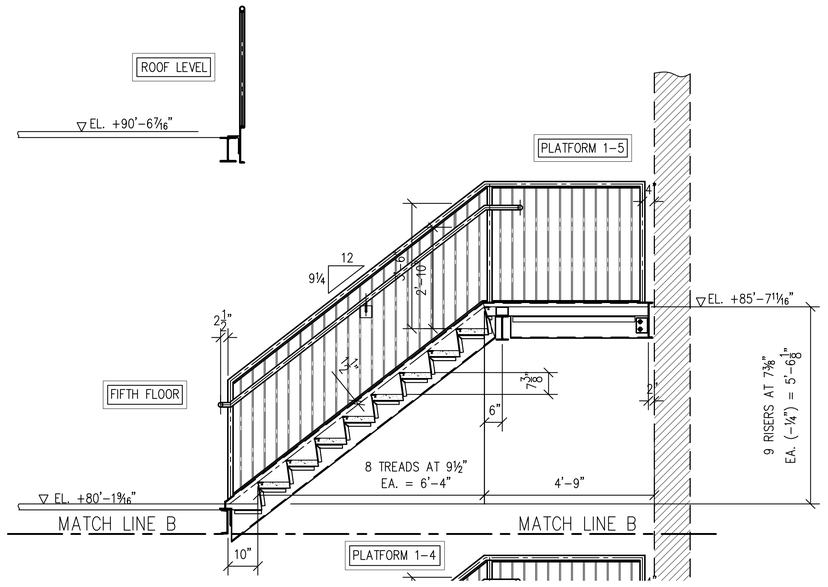
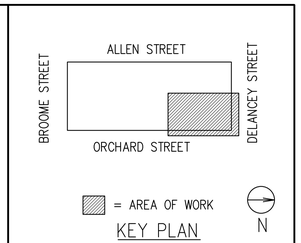
3	11/29/16	FABRICATION - HEADERS ONLY	CHKD BY
2	11/10/16	COORDINATION	---
1	11/4/16	COORDINATION	DATE
0	8/5/16	APPROVAL	7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | ME-16 5
MATERIAL: SEE MATERIALS NOTE | DWG. No.



SECTION B
SCALE 1/2"=1'-0"





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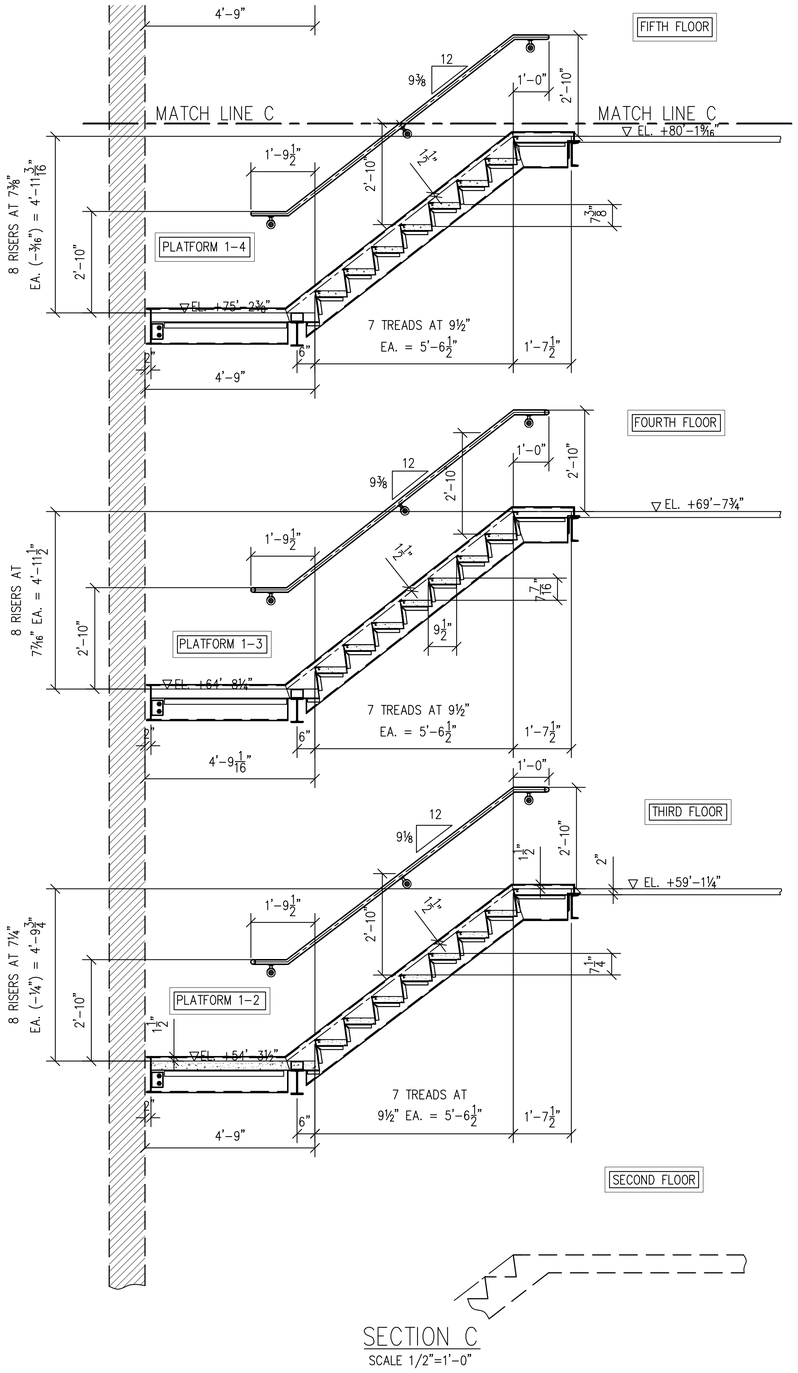
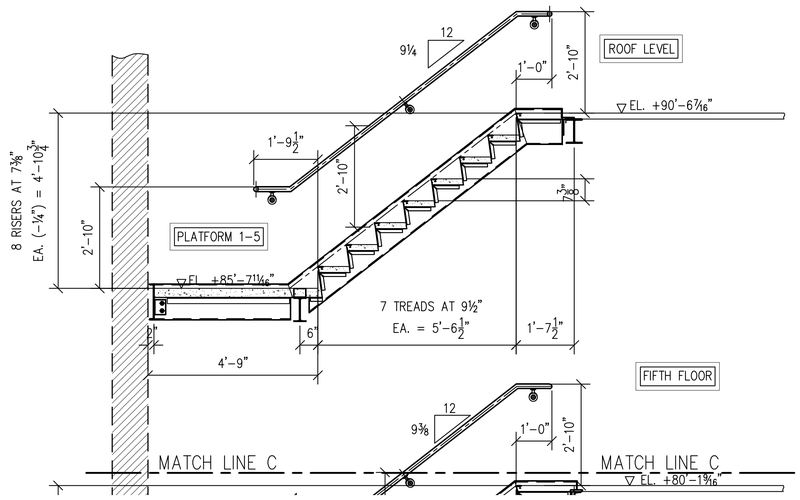
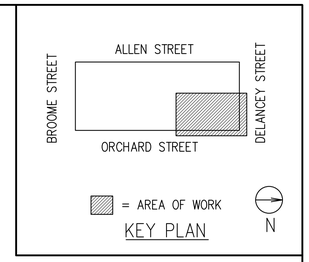
0	8/5/16	APPROVAL	DATE
	DATE	ISSUED FOR	7/20/2016

PROJECT: LES TENAMENT MUSEUM		
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY		
ARCHITECT: PERKINS EASTMAN	ENG: SEVERUD	
CUSTOMER: -		
TITLE: STAIR 1		
OPEN HOLES: 13/16"ø	BOLTS: 3/4"ø	ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX		CONT. No. 16-023
FINISH: 1 STD. SHOP COAT		ME-17 5
MATERIAL: SEE MATERIALS NOTE		DWG. No.



SECTION C
SCALE 1/2"=1'-0"





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0	8/5/16	APPROVAL	DATE
			7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
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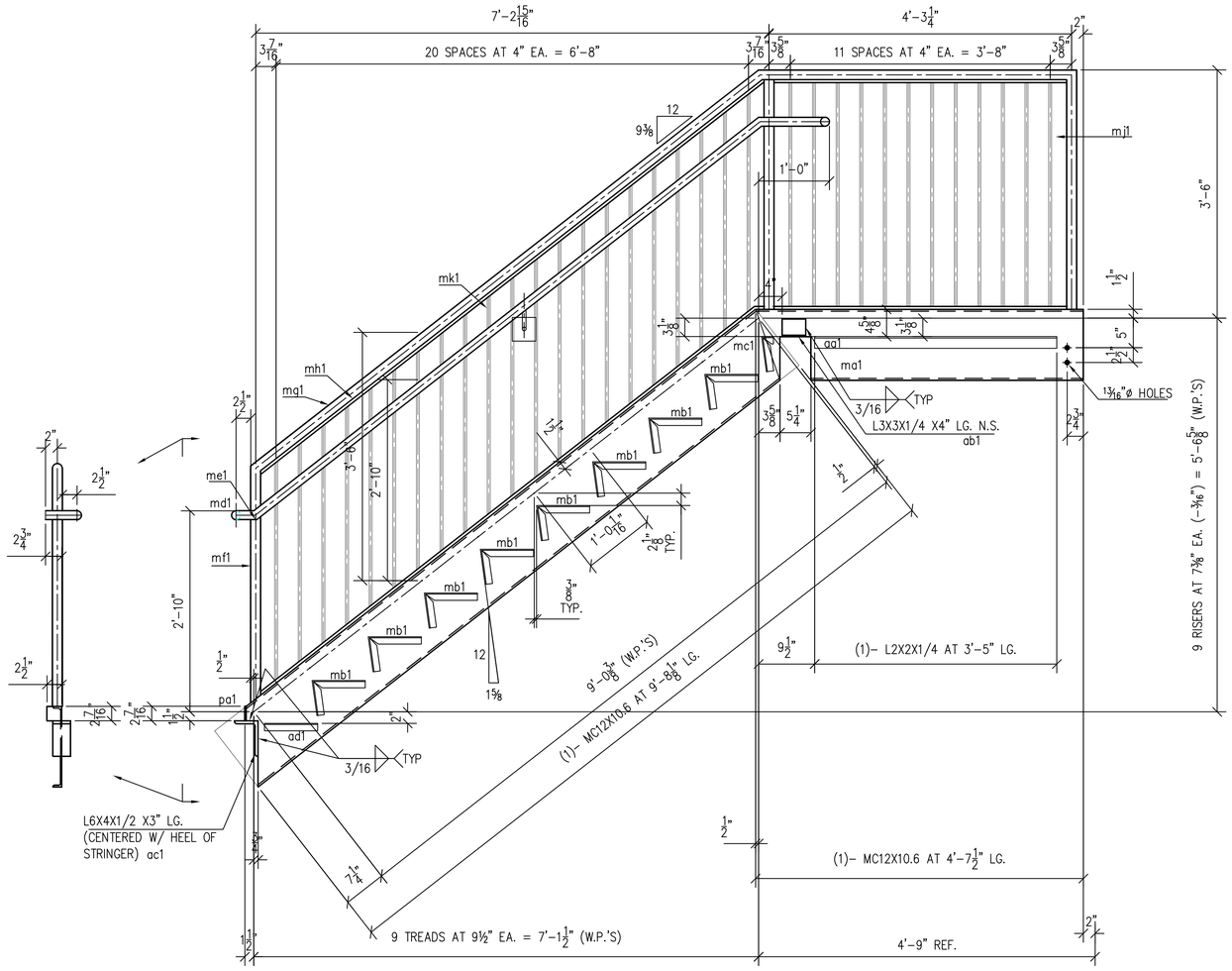
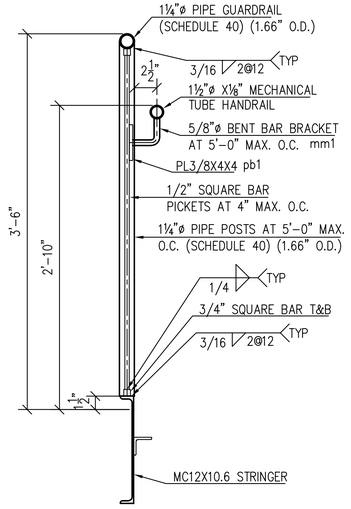
FINISH: 1 STD. SHOP COAT | ME-18 5
MATERIAL: SEE MATERIALS NOTE | DWG. No.



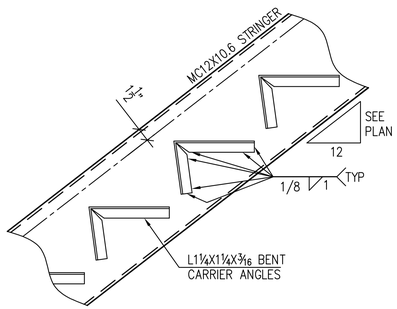
ONE – STRINGER – 210S1

(4TH FLOOR UP TO INT. PLATFORM 1–4)



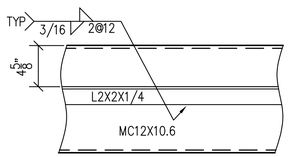
TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
210S1		1	MC12X10.6	9	8⅛	
	ma1	1	MC12X10.6	4	7½	
	mb1	8	L1¼X1¼X3⁄16 CARRIER ANGLE	1	3±	
	mc1	1	L1¼X1¼X3⁄16 CARRIER ANGLE	0	8±	
	aa1	1	L2X2X1/4	3	5	
	ab1	1	L3X3X1/4	0	4	
	ac1	1	L6X4X1/2	0	3	
	ad1	1	L1¼X1¼X3⁄16	0	9	
	pa1	1	PL1/4X2½	0	2 7⁄16	
	md1	1	1½"øX⅛ MECHANCIAL TUBE HANDRAIL	11	0±	
	me1	2	⅝"ø BENT BAR BRACKET	0	6±	
	mf1	3	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
	mg1	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	15	0±	
	mh1	2	3/4" SQUARE BAR RUNNER	15	0±	
	mj1	12	1/2" SQUARE BAR PICKETS	3	1½±	
	mk1	21	1/2" SQUARE BAR PICKETS	3	0 9⁄16±	
	pb1	1	PL3/8X4	0	4	
	mm1	1	⅝"ø BENT BAR BRACKET	0	6±	
			FIELD BOLT LIST:			
	△4	36	3/4"ø A325 BOLTS	0	1¾	
	△4	9	3/8"ø HILTI DOUBLE EXP. SLEEVES			
	△4	18	1/2"ø HILTI HAS-E ANCHOR RODS	0	5	
			HY-200 EPOXY			

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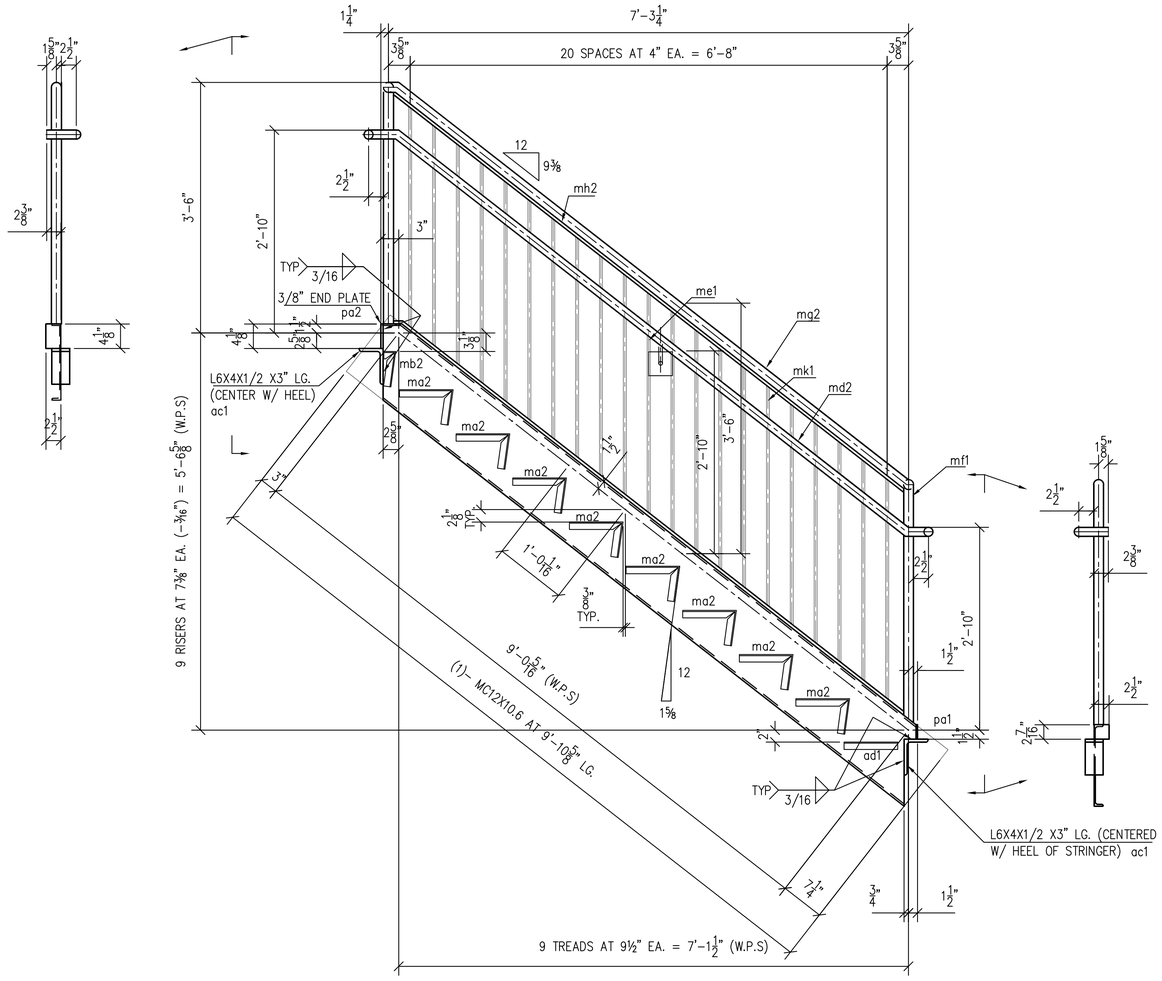
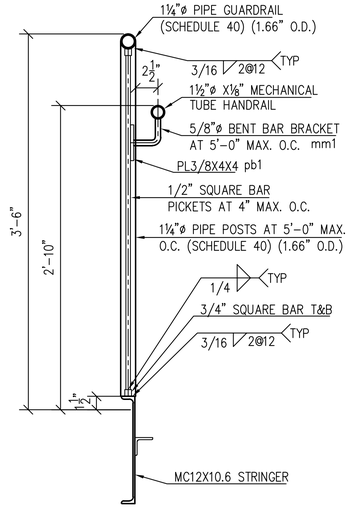
REV.	DATE	ISSUED FOR	DRN BY / CHKD BY / DATE
△5	12/21/16	FABRICATION – FLOOR 2 TO 3	
△4	12/12/16	FABRICATION – FLOORS 3 TO ROOF	TS
△3	11/29/16	FABRICATION – HEADERS ONLY	---
△2	11/10/16	COORDINATION	
△1	11/4/16	COORDINATION	
△0	8/5/16	APPROVAL	7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-210
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



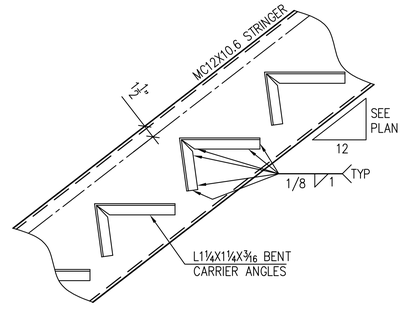
ONE – STRINGER – 211S1

(4TH FLOOR UP TO INT. PLATFORM 1–4)



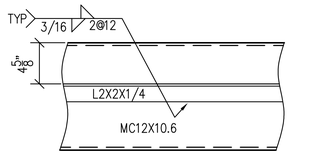
TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	FT	IN	REMARKS
				LENGTH		
211S1		1	MC12X10.6	9	10⅝	
	ma2	8	L1¼X1¼X3/16 CARRIER ANGLE	1	3±	
	mb2	1	L1¼X1¼X3/16 CARRIER ANGLE	0	8±	
	ac1	2	L6X4X1/2	0	3	
	ad1	1	L1¼X1¼X3/16	0	9	
	pa1	1	PL1/4X2½	0	2 7/16	
	pa2	1	PL3/8X2½	0	4⅛	
	md2	1	1½"øX⅛ MECHANCIAL TUBE HANDRAIL	11	0±	
	me1	2	⅝"ø BENT BAR BRACKET	0	6±	
	mf1	2	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
	mg2	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	10	0±	
	mh2	2	3/4" SQUARE BAR RUNNER	10	0±	
	mk1	21	1/2" SQUARE BAR PICKETS	3	0 5/16±	
	pb1	1	PL3/8X4	0	4	
	mm1	1	⅝"ø BENT BAR BRACKET	0	6±	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A–700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

ALL BOLTS TO BE SNUG FIT U.N.O.

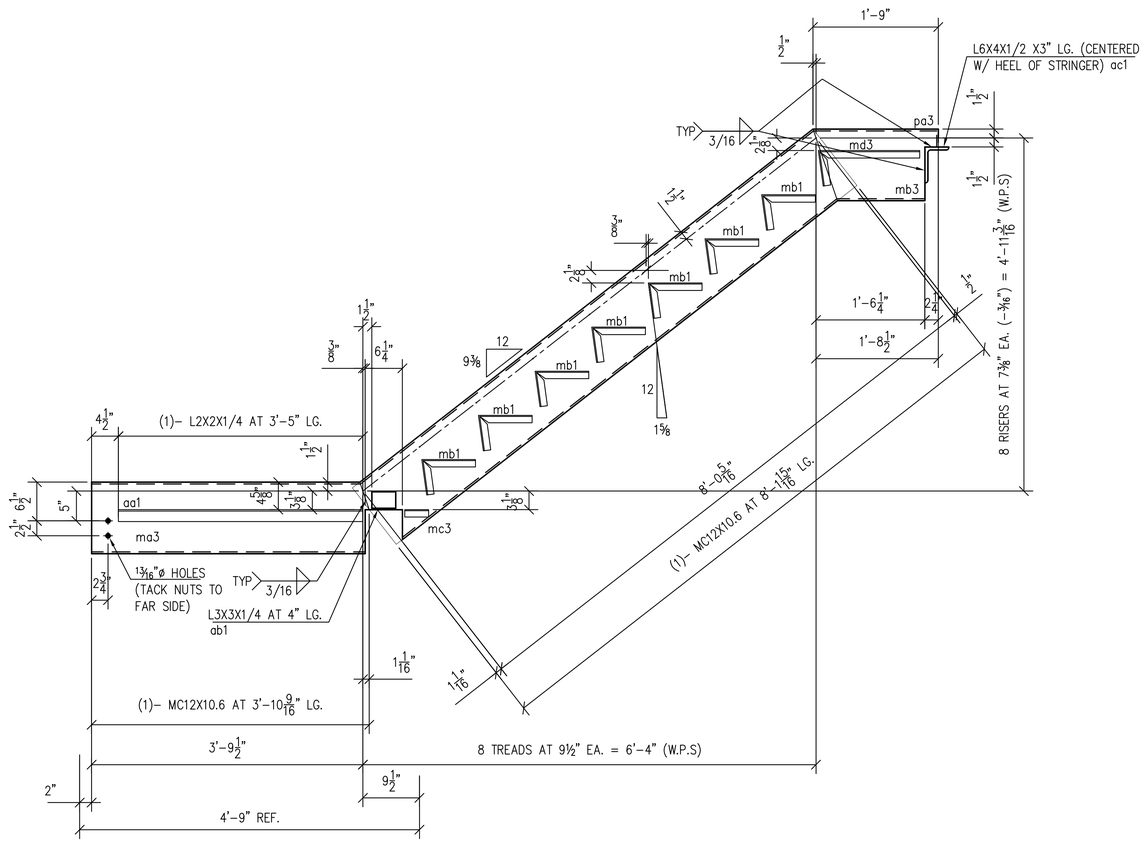
MATERIALS:

- WIDE FLANGE BEAMS TO BE ASTM A992 (50–65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

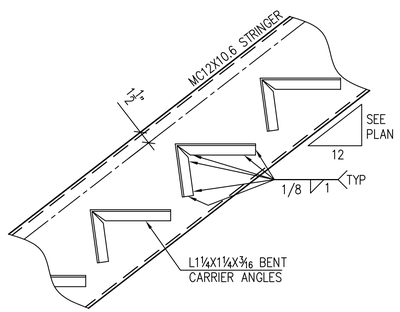
DRN BY: TS
CHKD BY: ---
DATE: 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT | MD–211
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



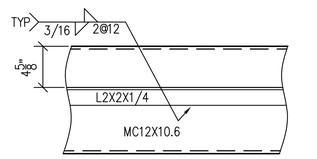
ONE – STRINGER – 212S1

(INT. PLATFORM 1-4 UP TO 5TH FLOOR)



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
212S1		1	MC12X10.6	8	1 5/16	
	ma3	1	MC12X10.6	3	10 9/16	
	mb3	1	MC12X10.6	1	9	
	mb1	7	L1¼X1¼X3/16 CARRIER ANGLE	1	3±	
	mc3	1	L1¼X1¼X3/16 CARRIER ANGLE	0	4±	
	md3	1	L1¼X1¼X3/16 CARRIER ANGLE	1	11±	
	aa1	1	L2X2X1/4	3	5	
	ab1	1	L3X3X1/4	0	4	
	ac1	1	L6X4X1/2	0	3	
	pa3	1	PL1/4X1½	0	3	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A-700

ON CENTER STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

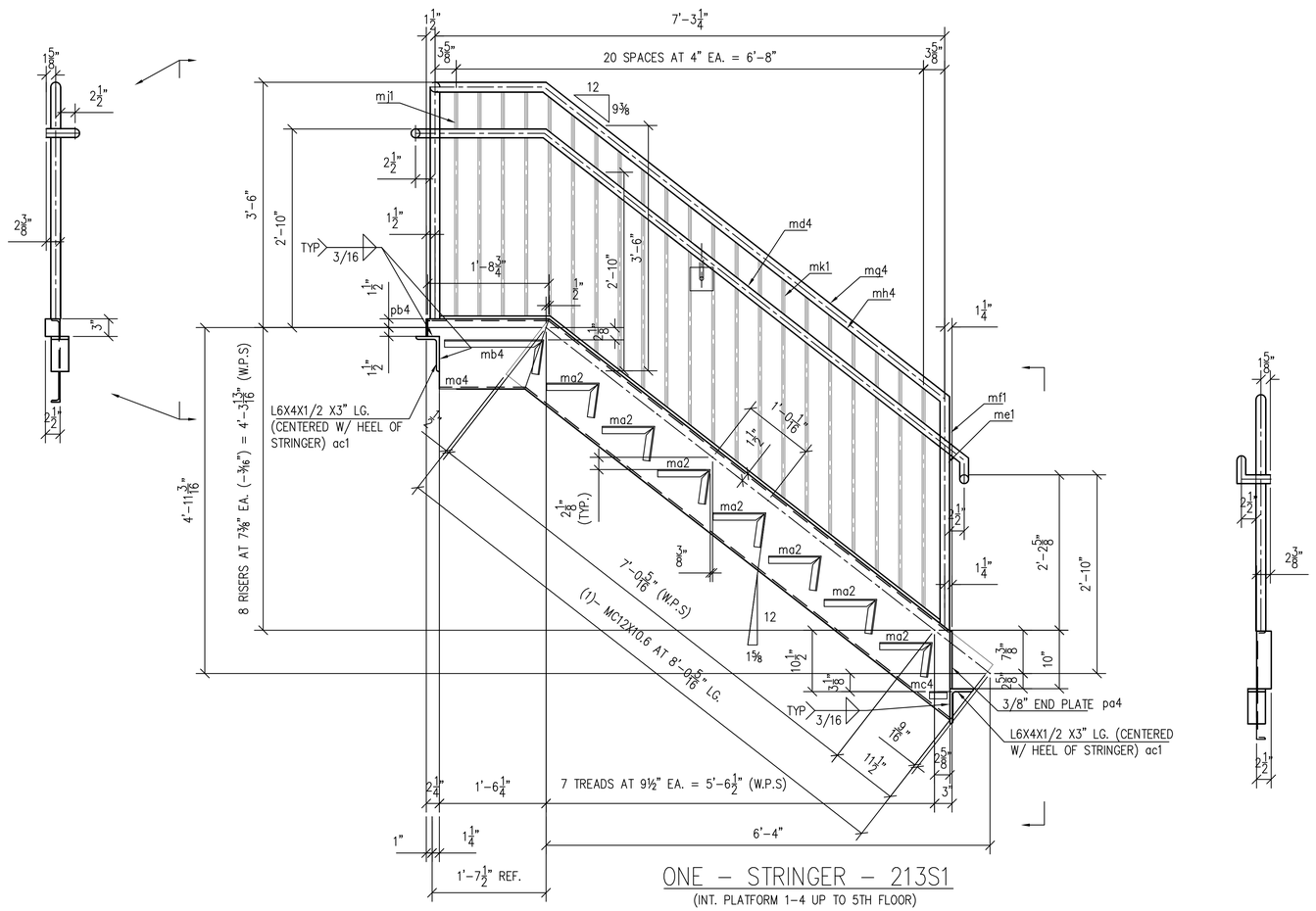
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION - FLOOR 2 TO 3
4	12/12/16	FABRICATION - FLOORS 3 TO ROOF
3	11/29/16	FABRICATION - HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

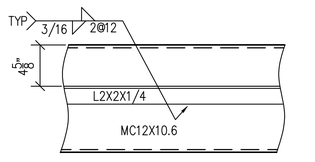
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: -
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-212 | 5
MATERIAL: SEE MATERIALS NOTE | DWG. No.



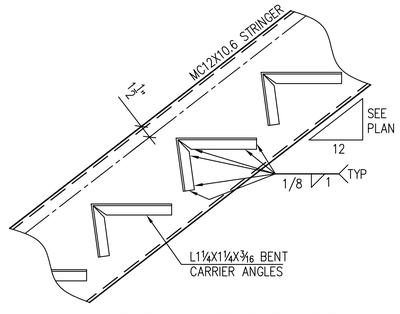
ONE – STRINGER – 213S1

(INT. PLATFORM 1–4 UP TO 5TH FLOOR)



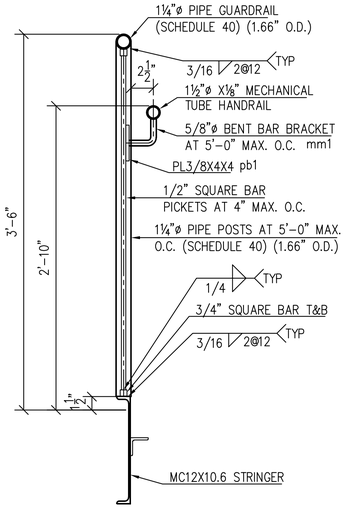
TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
213S1		1	MC12X10.6	8	0 5/16	
	mg4	1	MC12X10.6	1	8¾	
	mg2	7	L1¼X1¼X3/16 CARRIER ANGLE	1	3±	
	mb4	1	L1¼X1¼X3/16 CARRIER ANGLE	1	11±	
	mc4	1	L1¼X1¼X3/16 CARRIER ANGLE	0	3	
	ac1	2	L6X4X1/2	0	3	
	pa4	1	PL3/8X2½	0	9⅞	
	pb4	1	PL1/4X2½	0	3	
	md4	1	1½"øX⅛ MECHANCIAL TUBE HANDRAIL	11	0±	
	me1	2	⅝"ø BENT BAR BRACKET	0	6±	
	mf1	2	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
	mg4	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	9	0±	
	mh4	2	3/4" SQUARE BAR RUNNER	9	0±	
	mj1	4	1/2" SQUARE BAR PICKETS	3	1¼±	
	mk1	17	1/2" SQUARE BAR PICKETS	3	0⅝±	
	pb1	1	PL3/8X4	0	4	
	mm1	1	⅝"ø BENT BAR BRACKET	0	6±	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A–700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

ALL BOLTS TO BE SNUG FIT U.N.O.

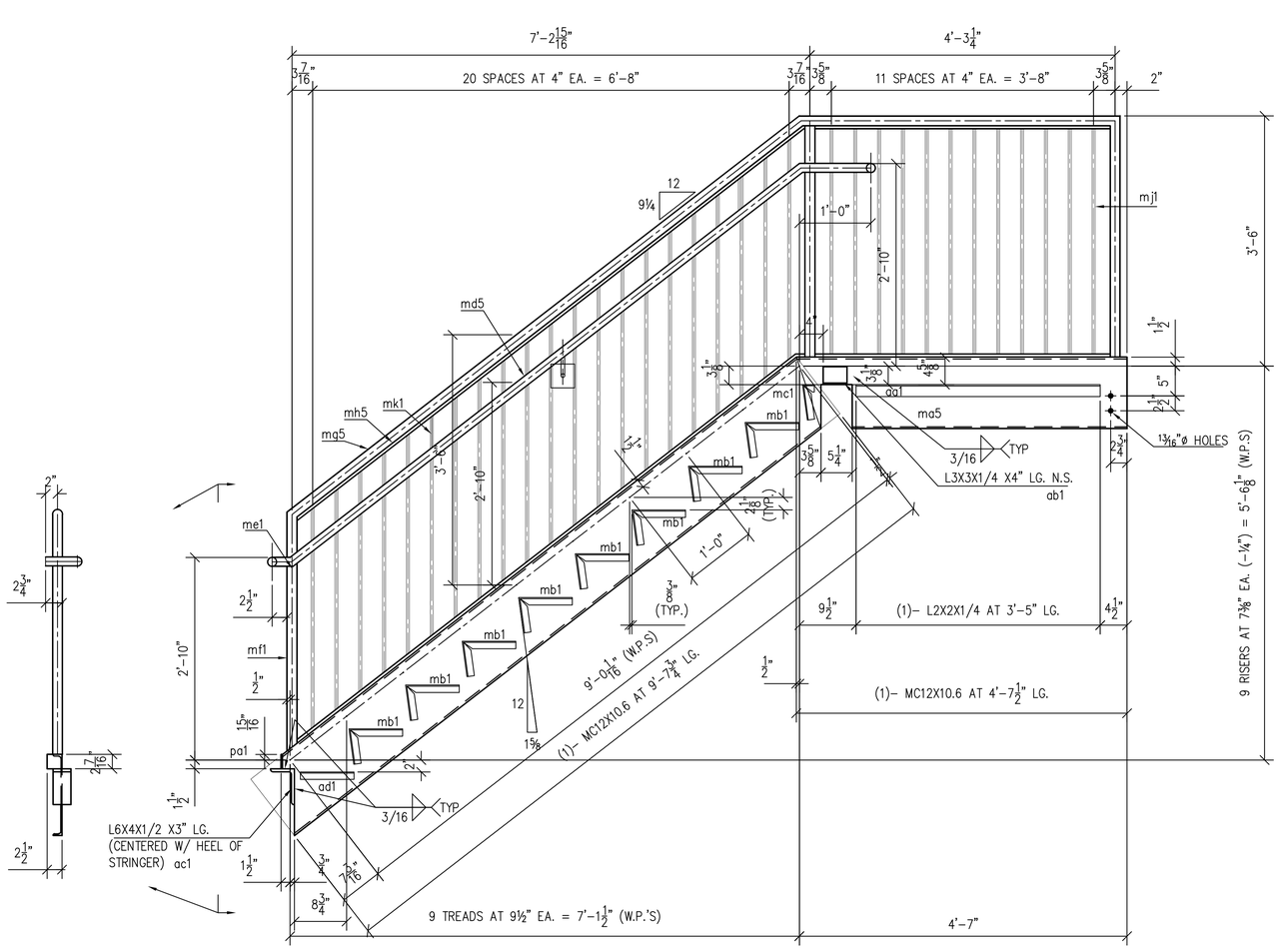
MATERIALS:

- WIDE FLANGE BEAMS TO BE ASTM A992 (50–65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

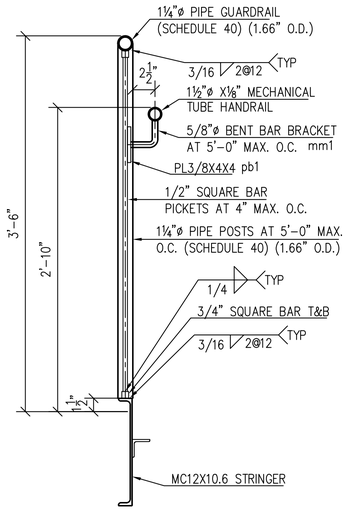
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT | MD–213
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



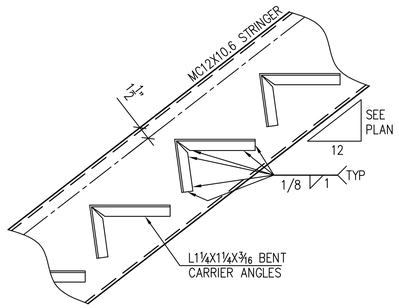
ONE – STRINGER – 214S1

(5TH FLOOR UP TO INT. PLATFORM 1-5)



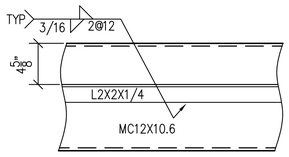
TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
214S1		1	MC12X10.6	9	7¾	
	ma5	1	MC12X10.6	4	7½	
	mb1	8	L1¼X1¼X3⁄16 CARRIER ANGLE	1	3±	
	mc1	1	L1¼X1¼X3⁄16 CARRIER ANGLE	0	8±	
	aa1	1	L2X2X1/4	3	5	
	ab1	1	L3X3X1/4	0	4	
	ac1	1	L6X4X1/2	0	3	
	ad1	1	L1¼X1¼X3⁄16	0	9	
	pa1	1	PL1/4X2½	0	2 5⁄16	
	md5	1	1½"øX⅛ MECHANCIAL TUBE HANDRAIL	11	0±	
	me1	2	5⁄8"ø BENT BAR BRACKET	0	6±	
	mf1	3	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
	mg5	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	14	0±	
	mh5	2	3/4" SQUARE BAR RUNNER	14	0±	
	mj1	12	1/2" SQUARE BAR PICKETS	3	1½±	
	mk1	21	1/2" SQUARE BAR PICKETS	3	0 9⁄16±	
	pb1	1	PL3/8X4	0	4	
	mm1	1	5⁄8"ø BENT BAR BRACKET	0	6±	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A-700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

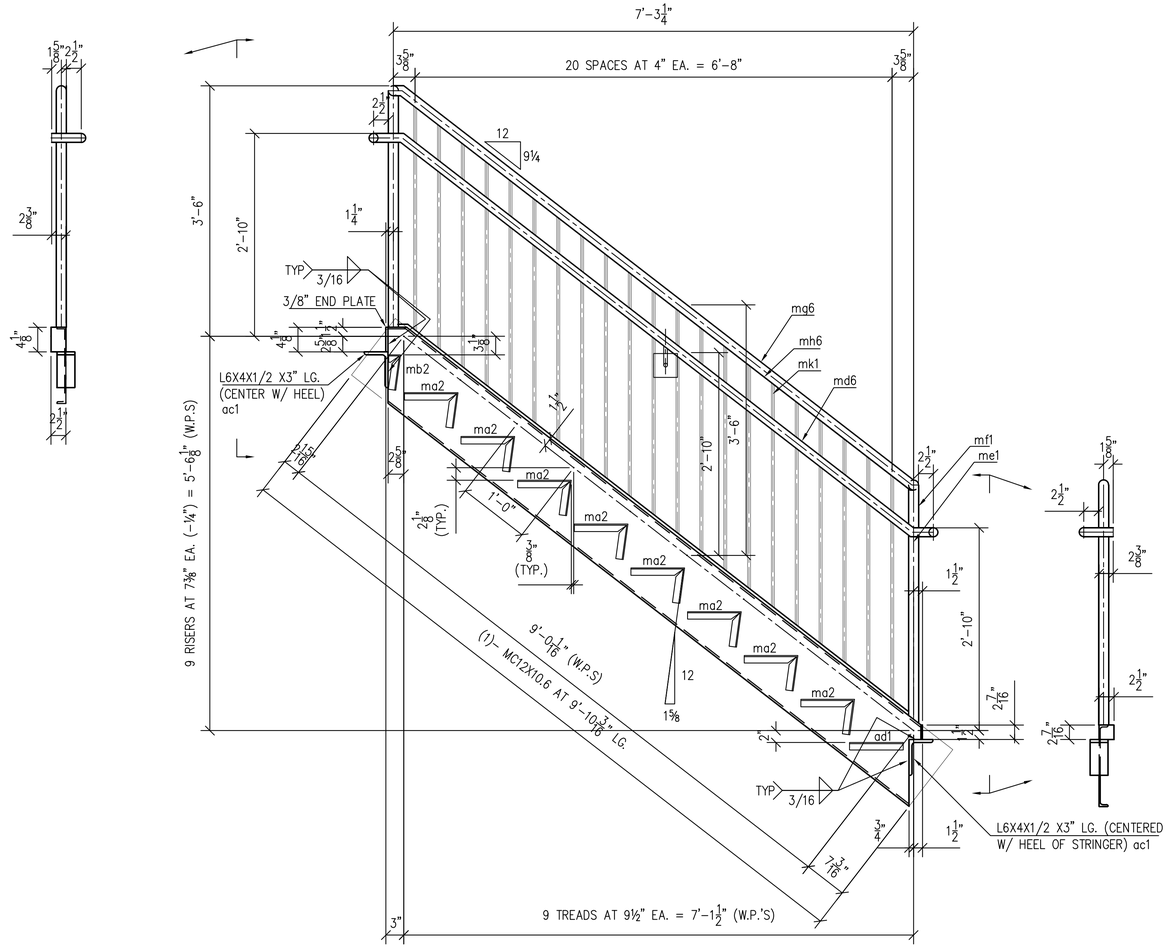
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

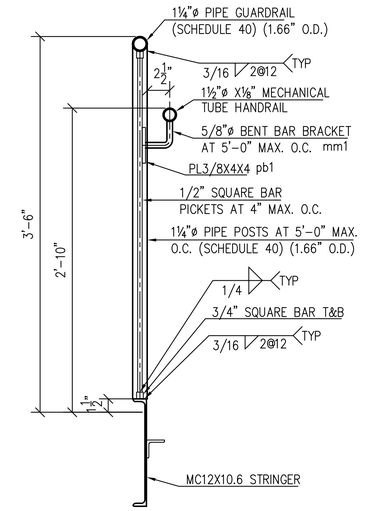
DRN BY: TS
CHKD BY: ---
DATE: 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-214
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



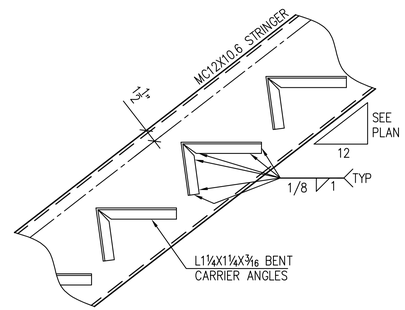
ONE – STRINGER – 215S1

(5TH FLOOR UP TO INT. PLATFORM 1-5)



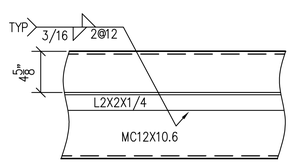
TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
215S1		1	MC12X10.6	9	10 3/16	
	ma2	8	L1¼X1¼X3/16 CARRIER ANGLE	1	3±	
	mb2	1	L1¼X1¼X3/16 CARRIER ANGLE	0	8±	
	ac1	2	L6X4X1/2	0	3	
	ad1	1	L1¼X1¼X3/16	0	9	
	pa1	1	PL1/4X2½	0	2 7/16	
	pa2	1	PL3/8X2½	0	4⅛	
	md6	1	1½"øX⅛ MECHANCIAL TUBE HANDRAIL	11	0±	
	me1	2	⅝"ø BENT BAR BRACKET	0	6±	
	mf1	2	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
	mg6	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	10	0±	
	mh6	2	3/4" SQUARE BAR RUNNER	10	0±	
	mk1	21	1/2" SQUARE BAR PICKETS	3	0 5/16±	
	pb1	1	PL3/8X4	0	4	
	mm1	1	⅝"ø BENT BAR BRACKET	0	6±	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A-700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

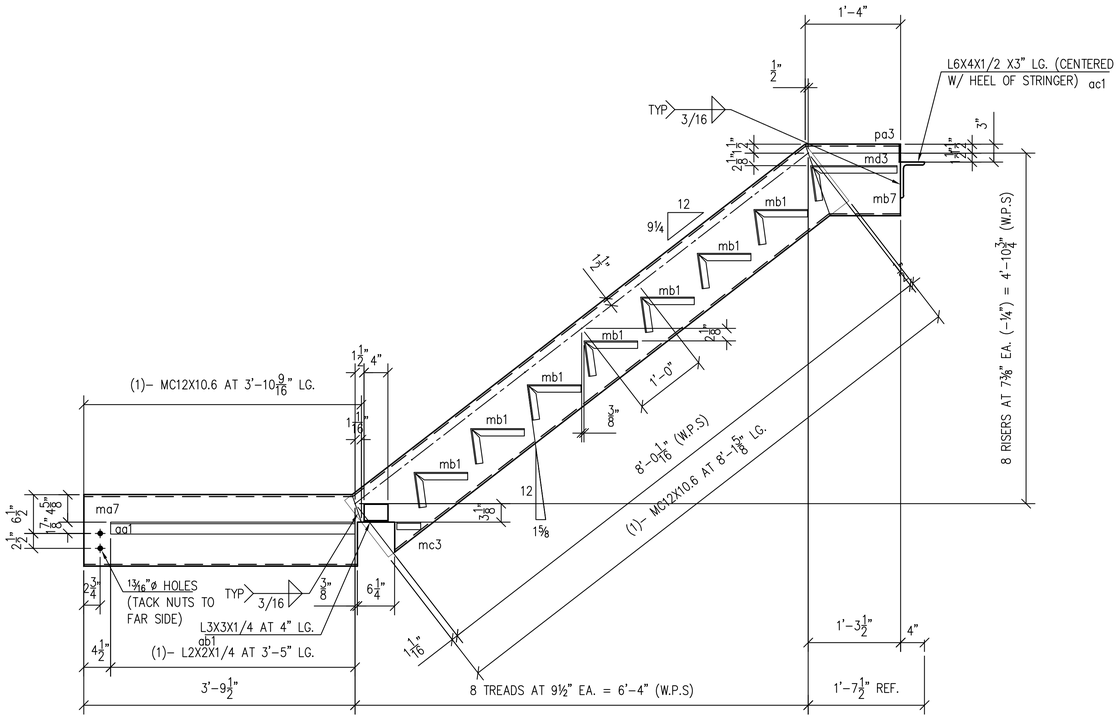
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

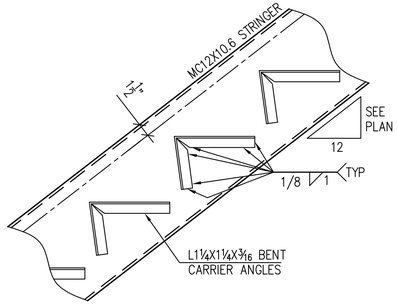
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-215
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



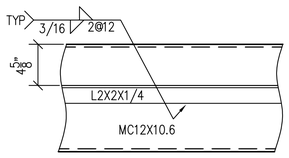
ONE – STRINGER – 216S1

(INT. PLATFORM 1-5 UP TO ROOF LEVEL)



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
216S1		1	MC12X10.6	8	1 5/8	
	ma7	1	MC12X10.6	3	10 9/16	
	mb7	1	MC12X10.6	1	5	
	mb1	7	L1¼X1¼X3/16 CARRIER ANGLE	1	3±	
	mc3	1	L1¼X1¼X3/16 CARRIER ANGLE	0	4±	
	md3	1	L1¼X1¼X3/16 CARRIER ANGLE	1	11±	
	aa1	1	L2X2X1/4	3	5	
	ab1	1	L3X3X1/4	0	4	
	ac1	1	L6X4X1/2	0	3	
	pa3	1	PL1/4X1½	0	3	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A-700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

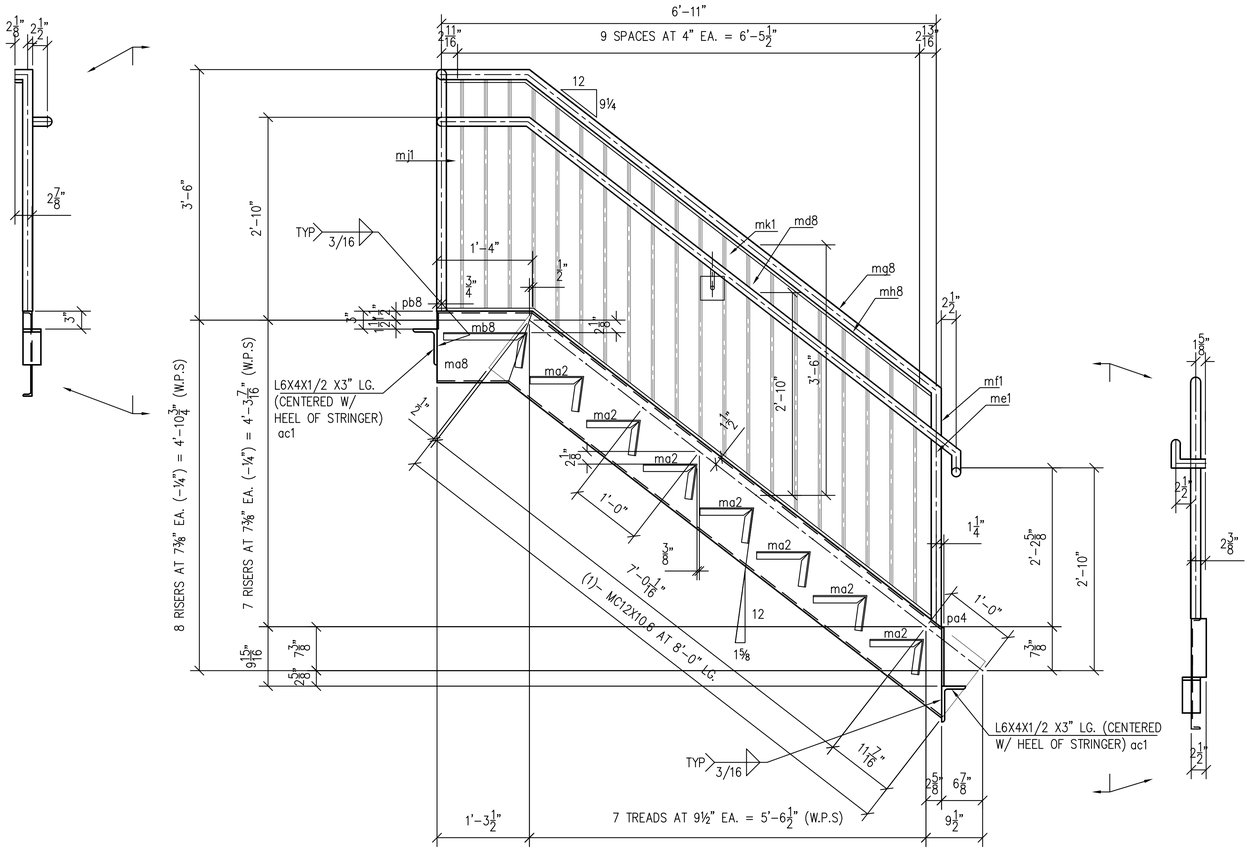
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

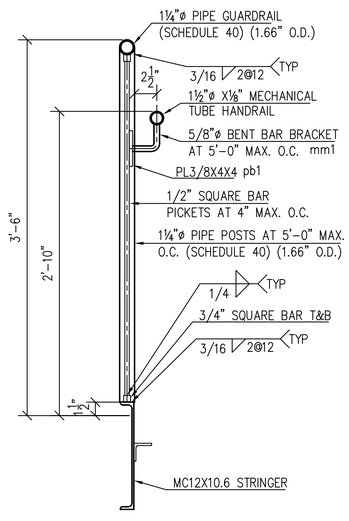
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-216
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



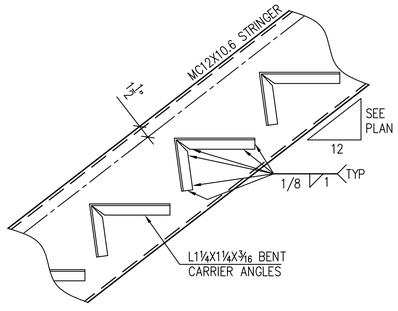
ONE – STRINGER – 217S1

(INT. PLATFORM 1–5 UP TO ROOF LEVEL)



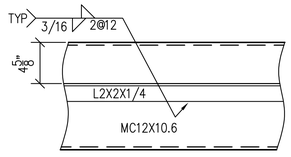
TYPICAL GUARDRAIL DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL TREAD DETAIL

SCALE 1 1/2"=1'-0"



TYPICAL LANDING DETAIL

SCALE 1 1/2"=1'-0"

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
217S1		1	MC12X10.6	8	0	
	ma8	1	MC12X10.6	1	4	
	ma2	7	L1¼X1¼X3/16 CARRIER ANGLE	1	3±	
	mb8	1	L1¼X1¼X3/16 CARRIER ANGLE	1	11±	
	ac1	2	L6X4X1/2	0	3	
	pa4	1	PL3/8X2½	0	9⅞	
	pb8	1	PL1/4X1½	0	3	
	md8	1	1½"øX⅛ MECHANCIAL TUBE HANDRAIL	10	0±	
	me1	2	⅝"ø BENT BAR BRACKET	0	6±	
	mf1	2	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
	mg8	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	9	0±	
	mh8	2	3/4" SQUARE BAR RUNNER	9	0±	
	mj1	4	1/2" SQUARE BAR PICKETS	3	1½±	
	mk1	17	1/2" SQUARE BAR PICKETS	3	0⅝±	
	pb1	1	PL3/8X4	0	4	
	mm1	1	⅝"ø BENT BAR BRACKET	0	6±	

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REFERENCE DRAWINGS:
A–700

OC ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
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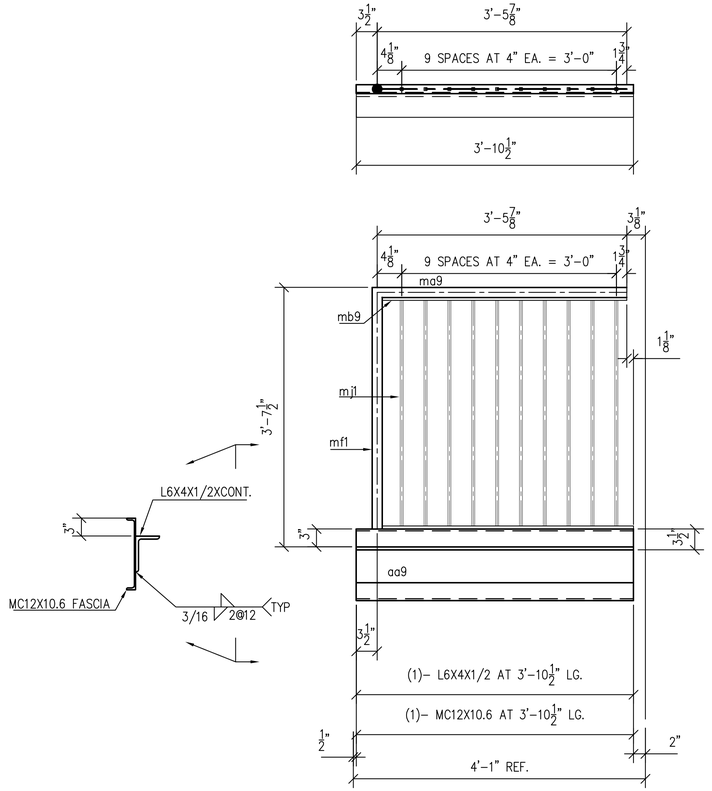
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

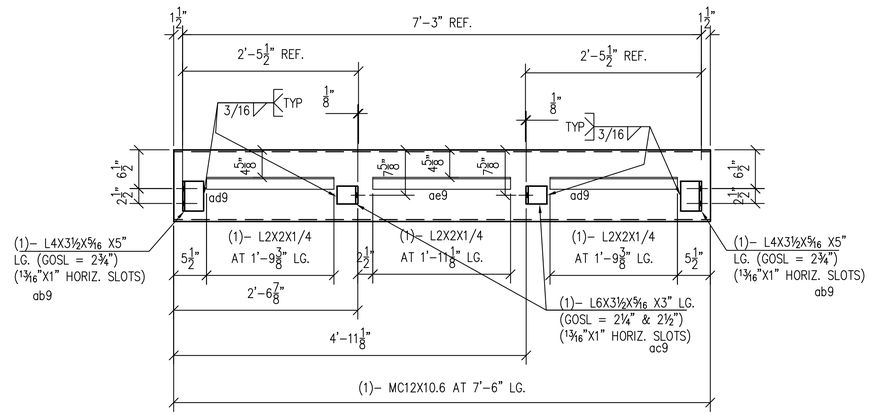
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT | MD–217
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



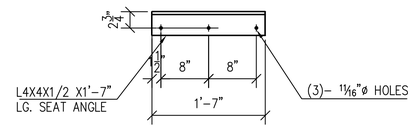
ONE – FASCIA – 218S1

(ROOF LEVEL)



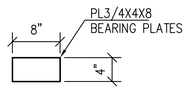
5 FOUR– BACK STRINGERS – 218S2

NOTE: ONE ASSEMBLY ADDED WITH REVISION 5



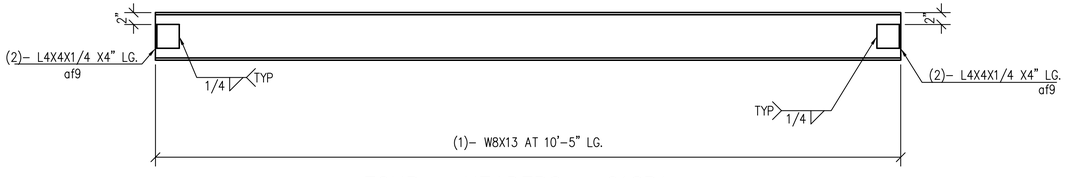
5 EIGHT – SEAT ANGLES – 218L1

NOTE: TWO ASSEMBLIES ADDED WITH REVISION 5



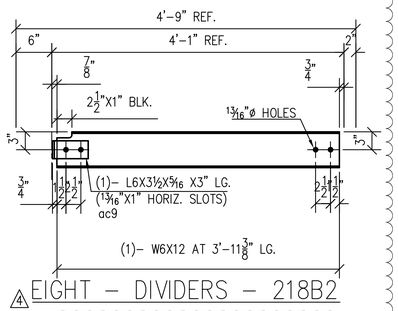
EIGHT – BEARING PLATES – 218P1

RELEASED 11/29/16



FOUR – HEADERS – 218B1

RELEASED 11/29/16



4 5 EIGHT – DIVIDERS – 218B2

NOTE: TWO ASSEMBLIES ADDED WITH REVISION 5

BILL OF MATERIAL

	SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	FT	IN	REMARKS
					LENGTH		
	218S1		1	MC12X10.6	3	10½	
		aa9	1	L6X4X1/2	3	10½	
		mf1	1	1¼"ø PIPE POSTS (SCH. 40) (1.66" OD)	3	4±	
		ma9	1	1¼"ø PIPE RAIL (SCH. 40) (1.66" OD)	3	6±	
		mb9	2	3/4" SQUARE BAR RUNNER	3	6±	
		mj1	10	1/2" SQUARE BAR PICKETS	3	1½±	
5	218S2		4	MC12X10.6	7	6	
		ab9	8	L4X3½X5⁄16	0	5	
		ac9	8	L6X3½X5⁄16	0	3	
		ad9	8	L2X2X1/4	1	9⅜	
		ae9	4	L2X2X1/4	1	11⅛	
	218B1		4	W8X13	10	5	
		af9	16	L4X4X1/4	0	4	
5	218B2		8	W6X12	3	11⅜	
		ac9	8	L6X3½X5⁄16	0	3	
5	218L1		8	L4X4X1/2	1	7	
	218P1		8	PL3/4X4	0	8	

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ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
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- PIPE TO BE ASTM A500 GRADE B (46 KSI)

OC ON CENTER STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
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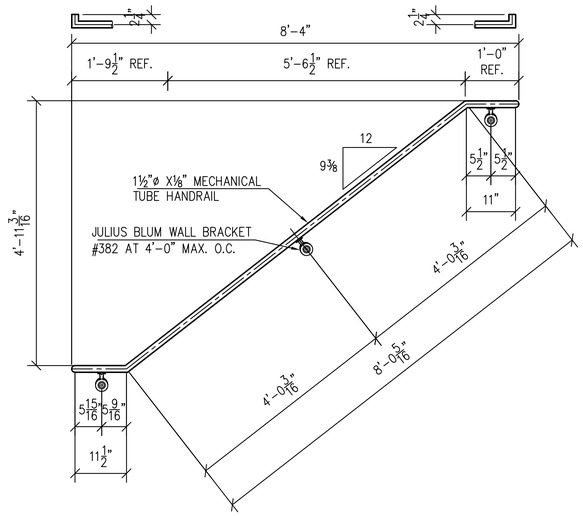
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

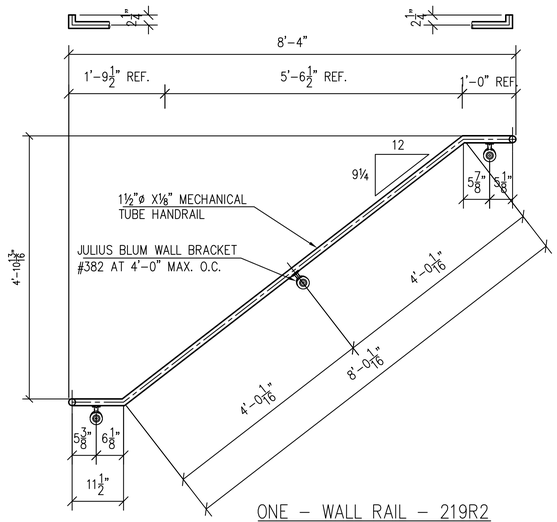
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT | MD–218 5
MATERIAL: SEE MATERIALS NOTE | DWG. No.



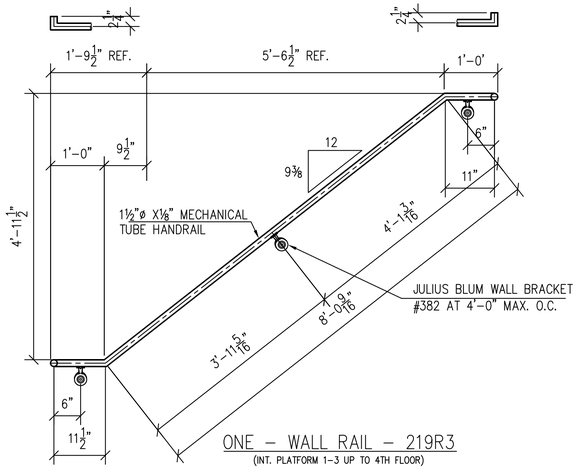
ONE – WALL RAIL – 219R1

(INT. PLATFORM 1–4 UP TO FIFTH FLOOR)



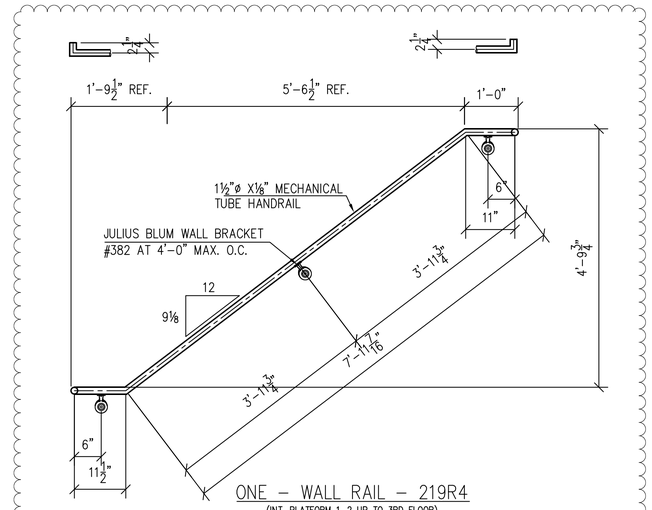
ONE – WALL RAIL – 219R2

(INT. PLATFORM 1–5 UP TO 6TH FLOOR)



ONE – WALL RAIL – 219R3

(INT. PLATFORM 1–3 UP TO 4TH FLOOR)



ONE – WALL RAIL – 219R4

(INT. PLATFORM 1–2 UP TO 3RD FLOOR)

5

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	FT LENGTH	IN LENGTH	REMARKS
219R1		1	1½"X⅛" MECH. TUBE HANDRAIL	11	0±	
	BRACKET	3	JULIUS BLUM #382	–	–	
219R2		1	1½"X⅛" MECH. TUBE HANDRAIL	11	0±	
	BRACKET	3	JULIUS BLUM #382	–	–	
219R3		1	1½"X⅛" MECH. TUBE HANDRAIL	11	0±	
	BRACKET	3	JULIUS BLUM #382	–	–	
219R4		1	1½"X⅛" MECH. TUBE HANDRAIL	11	0±	
	BRACKET	3	JULIUS BLUM #382	–	–	

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REFERENCE DRAWINGS:
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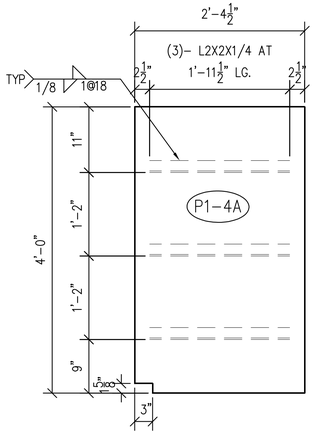
ALL BOLTS TO BE SNUG FIT U.N.O.

MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50–65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

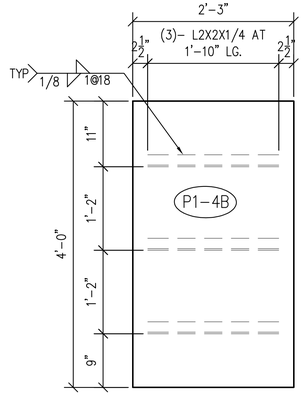
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT | MD–219
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5



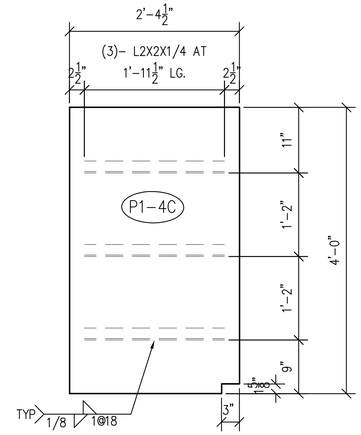
FOUR – LANDING PLATES – P1-4A

NOTE: ONE ASSEMBLY ADDED WITH REVISION 5



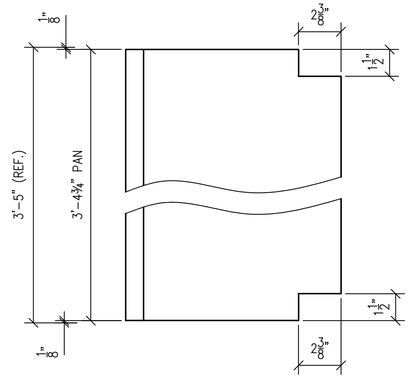
FOUR – LANDING PLATES – P1-4B

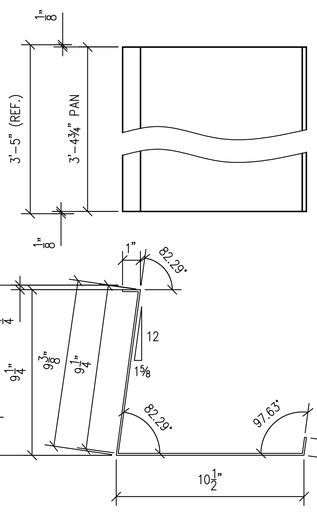
NOTE: ONE ASSEMBLY ADDED WITH REVISION 5



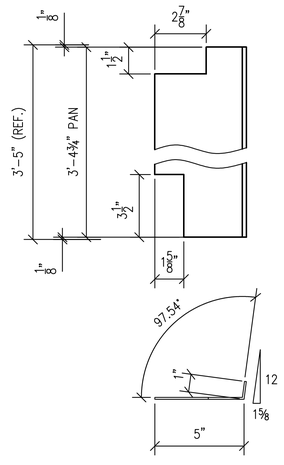
FOUR – LANDING PLATES – P1-4C

NOTE: ONE ASSEMBLY ADDED WITH REVISION 5

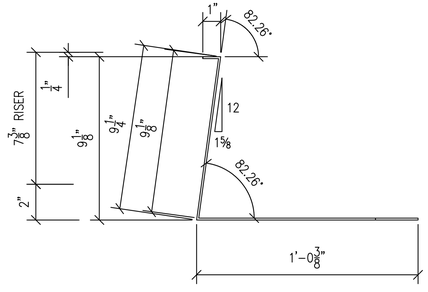




15 – PANS – R2



ONE – PAN – R3



ONE – PAN – R1

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	LENGTH FT	LENGTH IN	REMARKS
P1-4A		4	12 GA. X 2'-4½" LANDING PAN	4	0	
	–	12	L2X2X1/4	1	11½	
P1-4B		4	12 GA. X 2'-3" LANDING PAN	4	0	
	–	12	L2X2X1/4	1	10	
P1-4C		4	12 GA. X 2'-4½" LANDING PAN	4	0	
	–	12	L2X2X1/4	1	11½	
R1		1	12 GA. BENT PAN	3	4¾	
R2		15	12 GA. BENT PAN	3	4¾	
R3		1	12 GA. BENT PAN	3	4¾	

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REFERENCE DRAWINGS:
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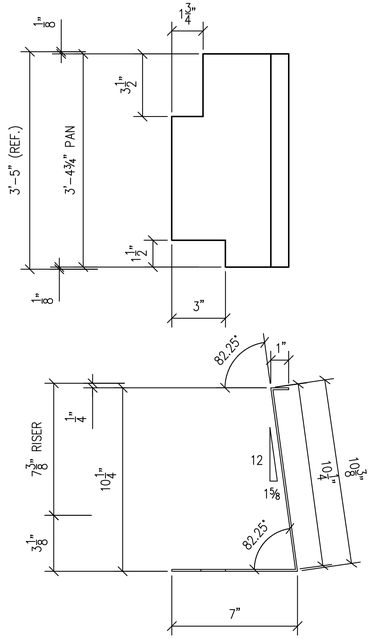
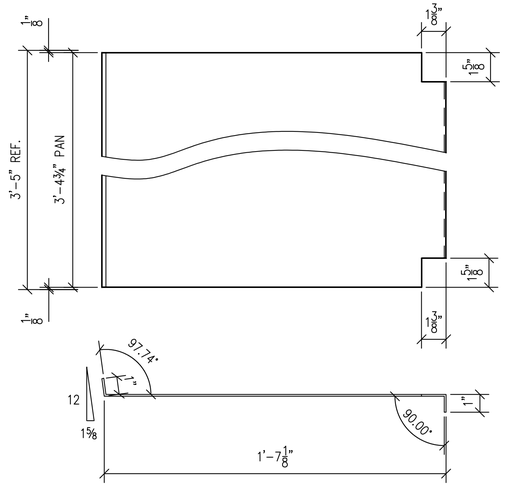
REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

DRN BY: TS
CHKD BY: ---
DATE: 7/20/2016

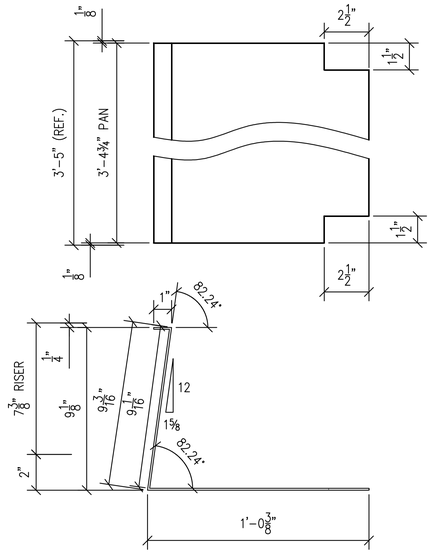
PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-220 5
MATERIAL: SEE MATERIALS NOTE | DWG. No.



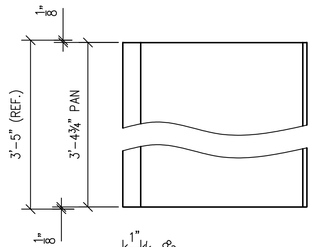
ONE – PAN – R4

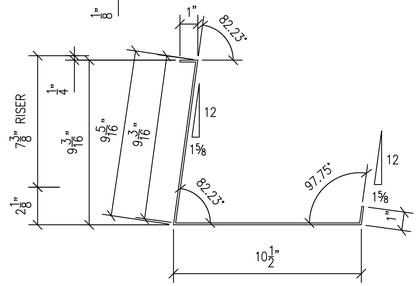


ONE – PAN – R5

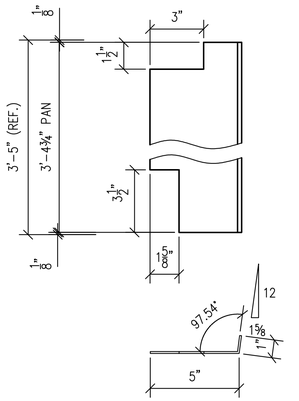


ONE – PAN – R6

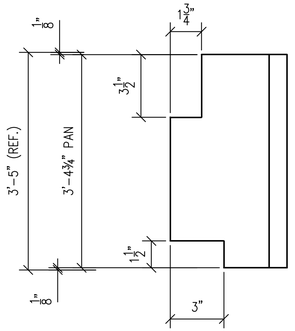


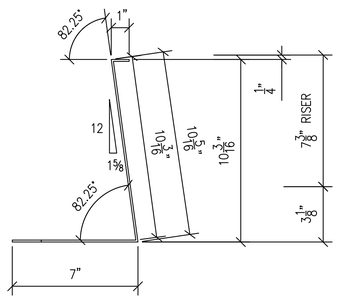


15 – PANS – R7

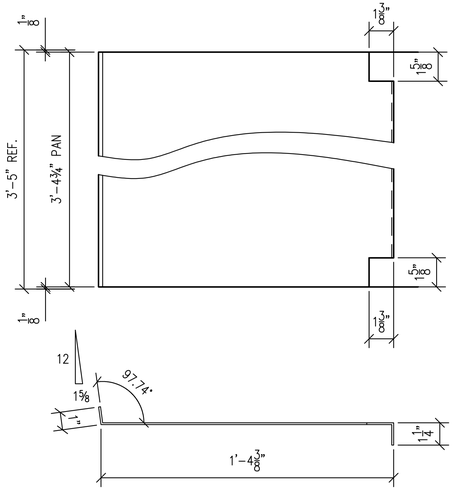


ONE – PAN – R8





ONE – PAN – R9



ONE – PAN – R10

BILL OF MATERIAL

SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	FT	IN LENGTH	REMARKS
R4		1	12 GA. BENT PAN	3	4¾	
R5		1	12 GA. BENT PAN	3	4¾	
R6		1	12 GA. BENT PAN	3	4¾	
R7		15	12 GA. BENT PAN	3	4¾	
R8		1	12 GA. BENT PAN	3	4¾	
R9		1	12 GA. BENT PAN	3	4¾	
R10		1	12 GA. BENT PAN	3	4¾	

NOTE:
"V.I.F." INDICATES INFORMATION TO BE VERIFIED IN FIELD, "F.V." INDICATES FIELD VERIFIED INFORMATION

REFERENCE DRAWINGS:
A-700

ON CENTER
STEEL DETAILING LLC
OCSTEELDETAILING@GMAIL.COM

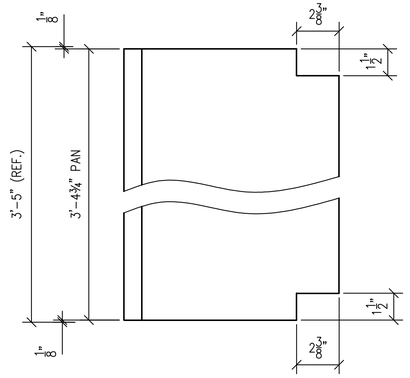
ALL BOLTS TO BE SNUG FIT U.N.O.

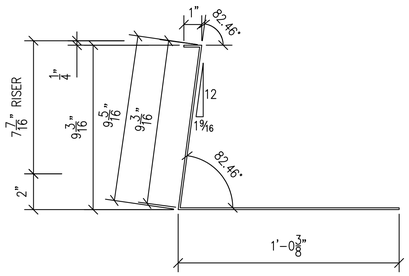
MATERIALS:
- WIDE FLANGE BEAMS TO BE ASTM A992 (50-65 KSI)
- PLATES & SHAPES TO BE ASTM A36 (36 KSI)
- RECTANGULAR HSS TO BE ASTM A500 GRADE B (46 KSI)
- ROUND HSS TO BE ASTM A500 GRADE B (42 KSI)
- PIPE TO BE ASTM A500 GRADE B (46 KSI)

REV.	DATE	ISSUED FOR
5	12/21/16	FABRICATION – FLOOR 2 TO 3
4	12/12/16	FABRICATION – FLOORS 3 TO ROOF
3	11/29/16	FABRICATION – HEADERS ONLY
2	11/10/16	COORDINATION
1	11/4/16	COORDINATION
0	8/5/16	APPROVAL

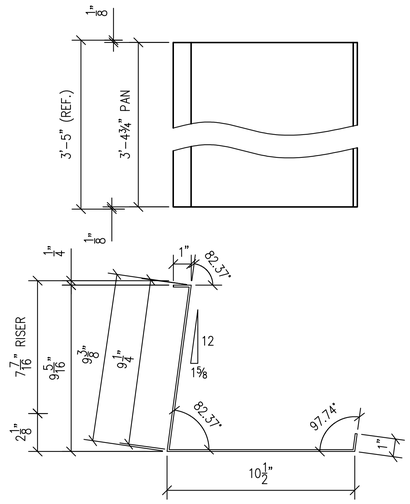
DRN BY TS
CHKD BY ---
DATE 7/20/2016

PROJECT: LES TENAMENT MUSEUM
ADDRESS: 103 ORCHARD STREET, NEW YORK, NY
ARCHITECT: PERKINS EASTMAN | ENG: SEVERUD
CUSTOMER: –
TITLE: STAIR 1
OPEN HOLES: 13/16"ø | BOLTS: 3/4"ø | ITEM: 08
WELDS: A.W.S. A5.1 GR-E70XX | CONT. No. 16-023
FINISH: 1 STD. SHOP COAT | MD-221
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5

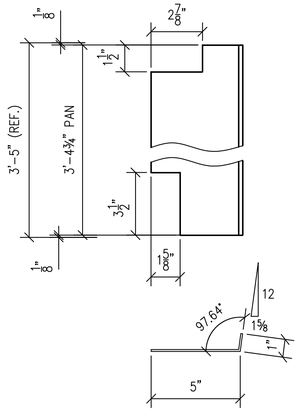




ONE – PAN – R11

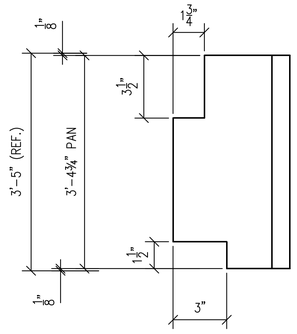


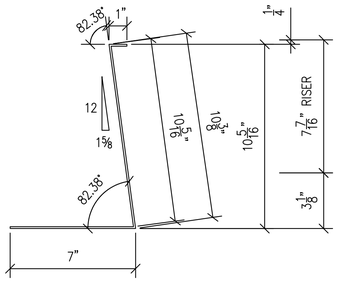
15 – PANS – R12



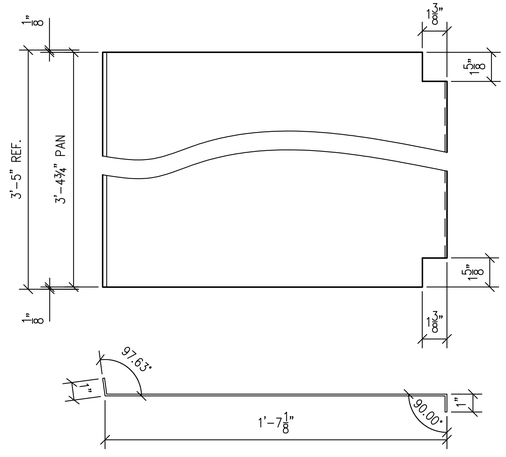
ONE – PAN – R13

BILL OF MATERIAL						
SHIPPING MARK	FITTING MARK	NO. REQ'D	MATERIAL	FT LENGTH	IN LENGTH	REMARKS
R11		1	12 GA. BENT PAN	3	4¾	
R12		15	12 GA. BENT PAN	3	4¾	
R13		1	12 GA. BENT PAN	3	4¾	
R14		1	12 GA. BENT PAN	3	4¾	
R15		1	12 GA. BENT PAN	3	4¾	





ONE – PAN – R14



ONE – PAN – R15

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REFERENCE DRAWINGS:
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WELDS: A.W.S. A5.1 GR–E70XX | CONT. No. 16–023
FINISH: 1 STD. SHOP COAT | MD–222
MATERIAL: SEE MATERIALS NOTE | DWG. No. 5