

## ERECTION NOTE:

- NORMAL ERECTION OPERATIONS INCLUDE THE CORRECTION OF MISFITS BY FIELD MODIFICATION, INCLUDING BUT NOT LIMITED TO, CUTTING, GRINDING, WELDING, SANDING, POLISHING, AND THE DRAWING OF ELEMENTS IN LINE THROUGH THE USE OF FORCE TO ENSURE A PROPER FIT AND SALEABLE PRODUCT. THIS WORK IS THE RESPONSIBILITY OF THE ERECTOR AND WILL BE PERFORMED AT NO ADDITIONAL COST AND/OR TIME IMPACTS TO THE FABRICATOR.
- NO BACK CHARGES WILL BE APPROVED BY THE FABRICATOR WITHOUT SUPPORTING DOCUMENTATION SUBMITTED IN WRITING. NO WORK SHALL BE PERFORMED WITHOUT WRITTEN APPROVAL FROM A REPRESENTATIVE OF THE FABRICATOR. WORK PERFORMED WITHOUT WRITTEN APPROVAL WILL BE THE RESPONSIBILITY OF THE TRADE PERFORMING THE WORK.

#### MATERIAL GENERAL NOTES:

- STEEL PLATES AND SHAPES TO BE TYPE A36.
- ◆ STEEL PIPE TO BE A53. ◆ EXPOSED FIELD WELDS TO BE GROUND SMOOTH UNLESS NOTED OTHERWISE.

BIRMINGHAM, AL 35235

DRAWN RB DATE 11/14

CHK'D HW DATE 11/14

#### DRAWING COORDINATION:

REMARKS:

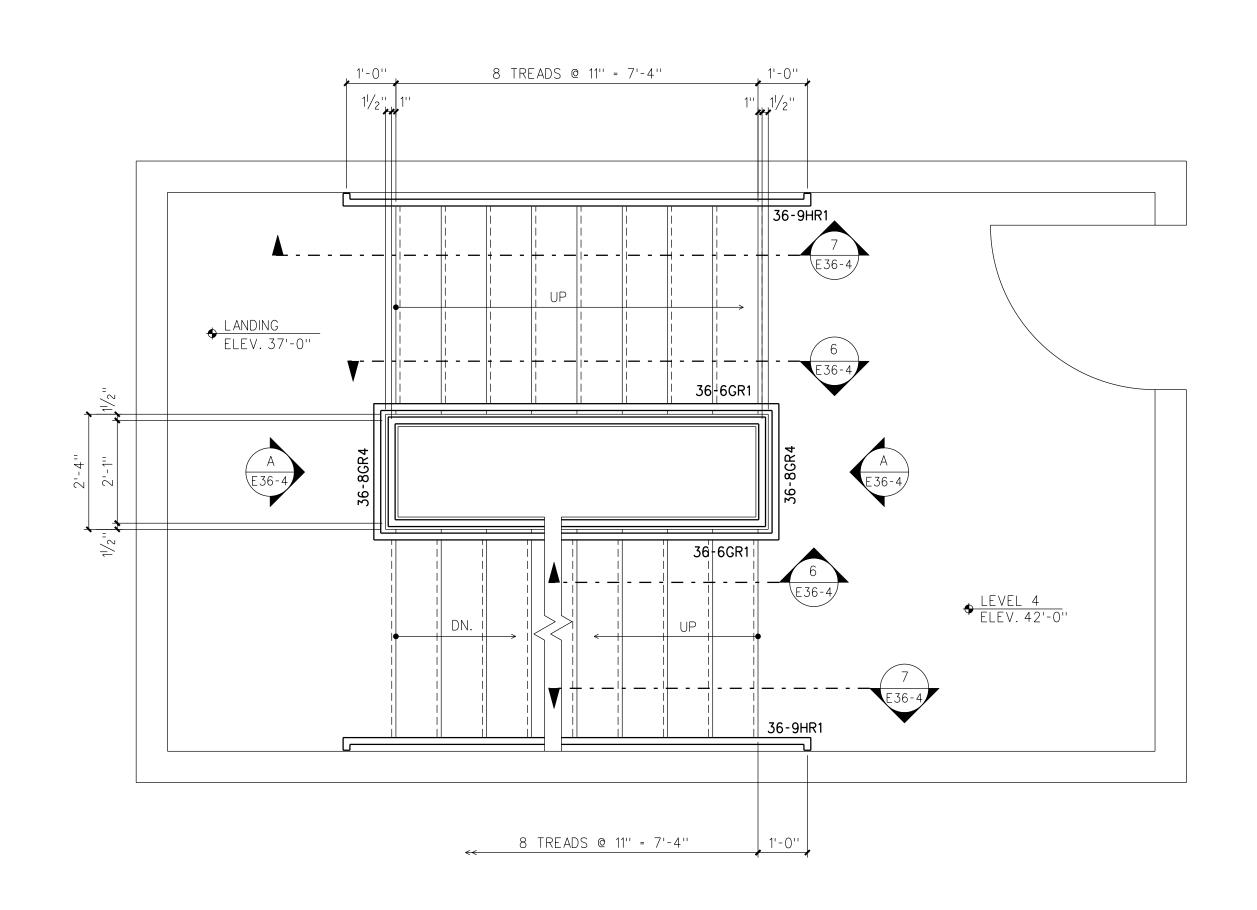
● IT IS THE RESPONSABILITY OF THE GENERAL CONTRACTOR/CONSTRUCTION MANAGER TO ENSURE OUR DRAWINGS ARE COORDINATED WITH OTHER TRADES/ADJACENT WORK.

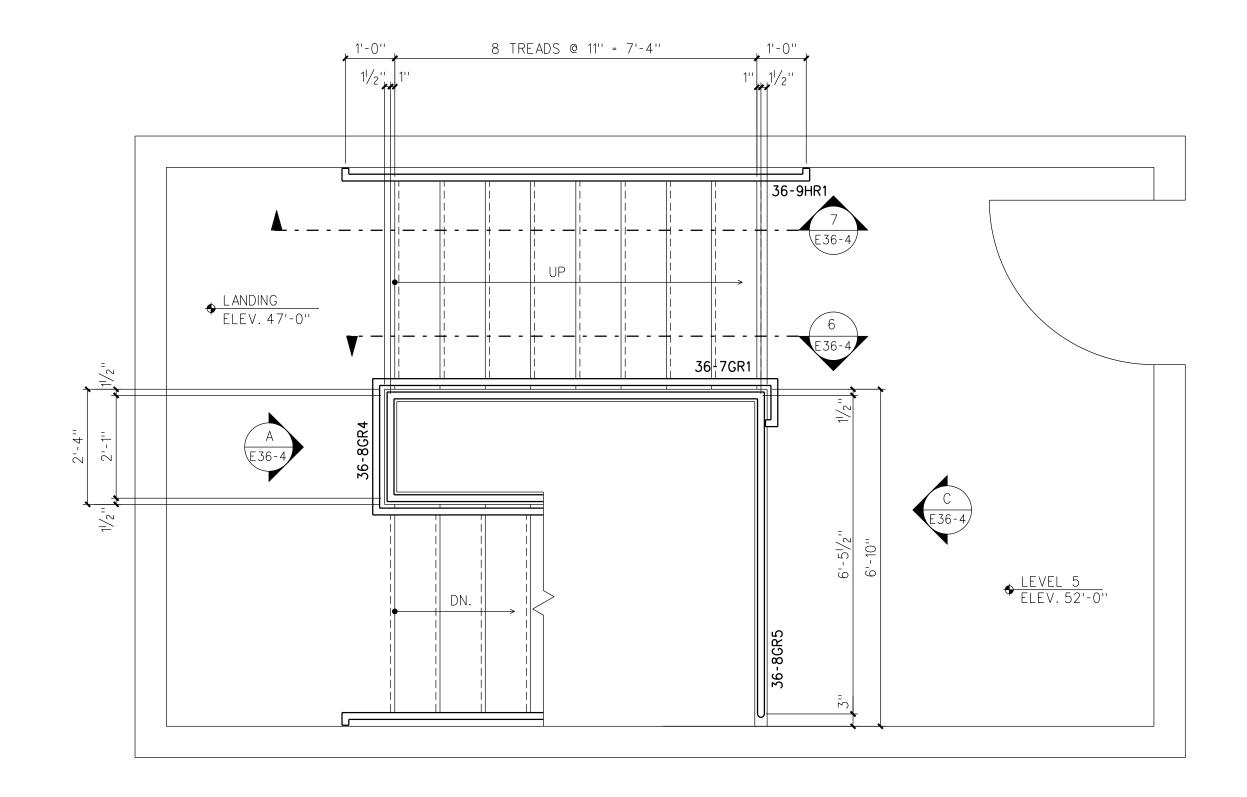
					<u>,                                    </u>	
REV.		DESCRIPTION			ВҮ	DAT
А	FOR APPROVAL				RB	11/18.
0	FOR FILE & FIELD U	SE			RB	2/17/
HOLES	5 U.N.	7.	STRUCTURE	UNA BUILDING #2	<u>}</u>	
	SSPC-SP3		LOCATION	FLORENCE, ALAB	AMA	
		DANIEL IRON	CUSTOMER	B.L.HARBERT INT	ERNATIONA	AL
PAINT	/FINISH	PERFORMANCE BY DESIGN FOR OVER 100 YEARS	ENIO (ADOLI	GOODWYN MILLS	\$. C \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	טט ומוכ

DETAIL of STAIR #1

14-023

DWG. NO. E36-1





PLAN @ STAIR #1 - LEVEL 4

PLAN @ STAIR #1 - LEVEL 5



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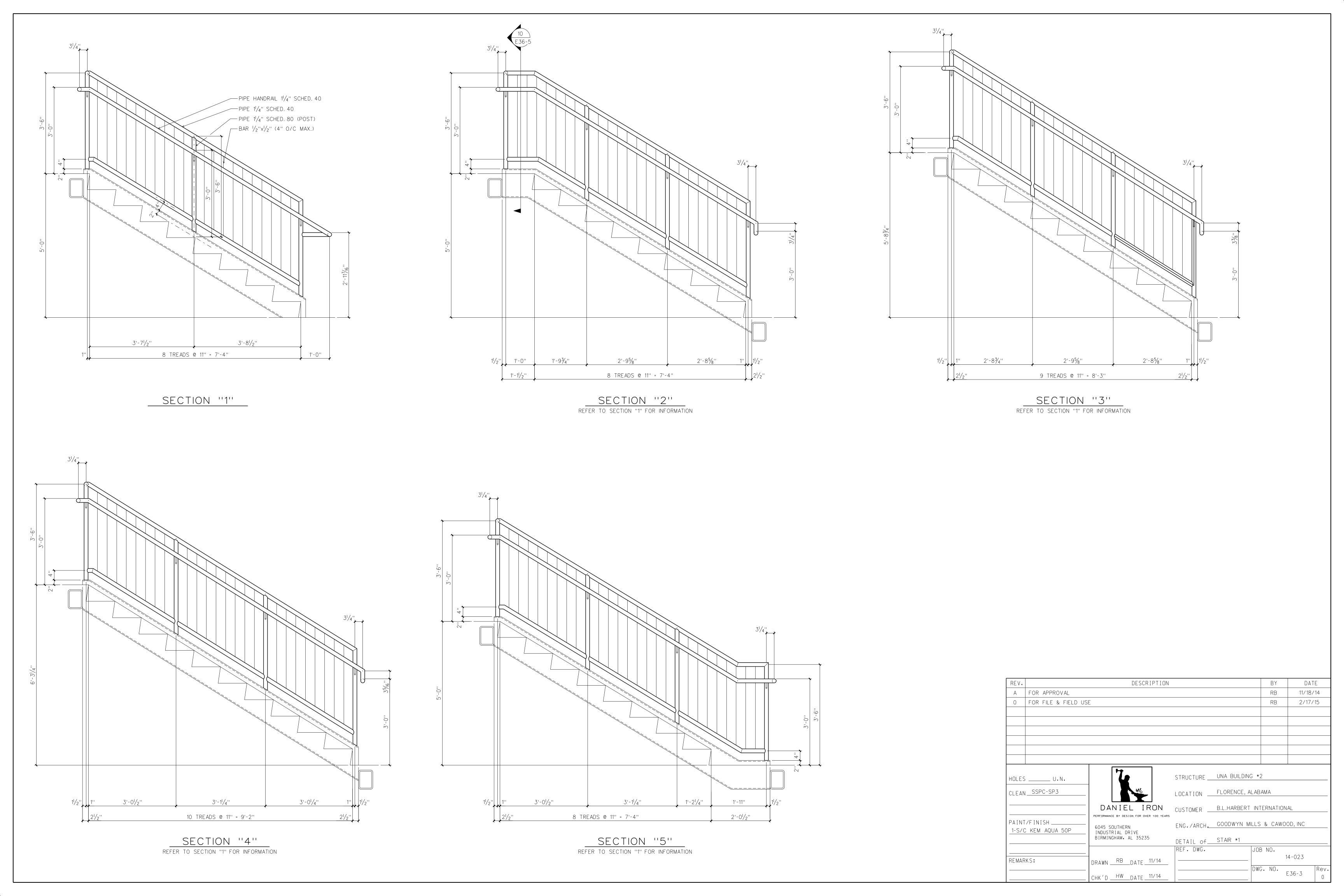
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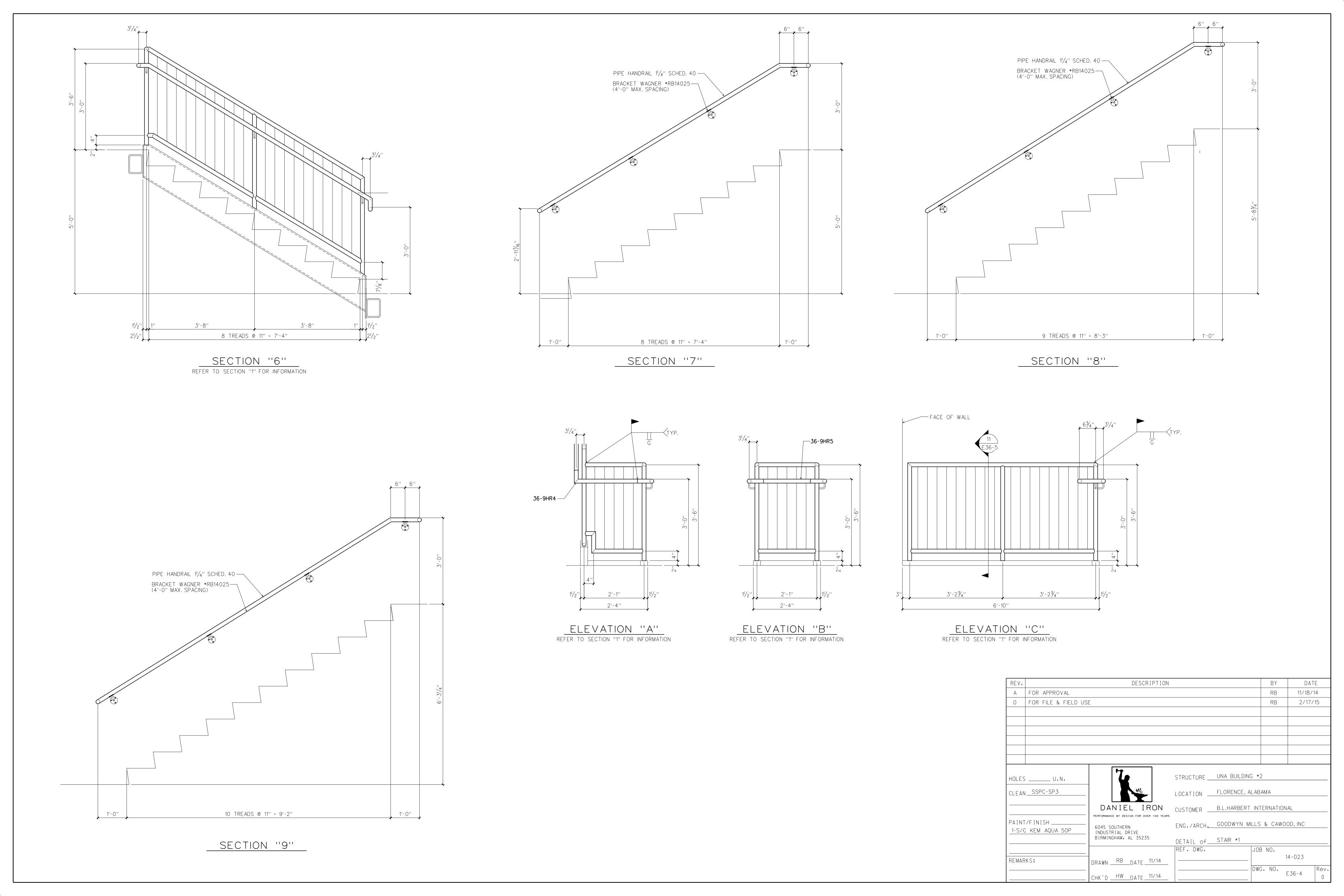
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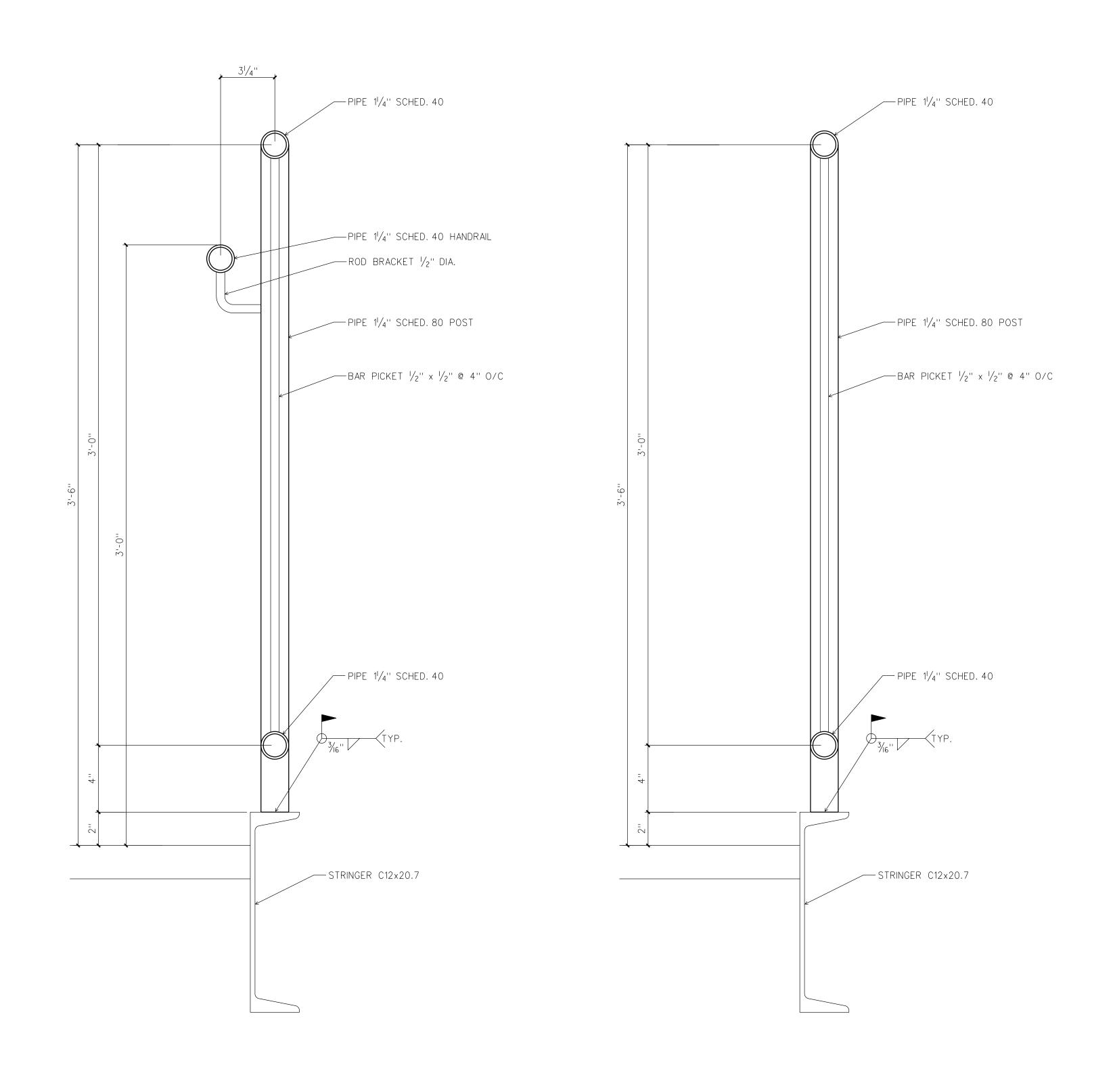
REV.		DESCRIPTION			BY	DATE
A FOR	APPROVAL		RB	11/18/14		
O FOR I	FILE & FIELD US	Е			RB	2/17/15
HOLES	U.N.	4	STRUCTURE	UNA BUILDING	#2	
CLEAN_SSP(	C-SP3	- M/L	LOCATION	FLORENCE, ALA	BAMA	
		DANIEL IRON PERFORMANCE BY DESIGN FOR OVER 100 YEARS	CUSTOMER	B.L.HARBERT II	NTERNATIONA	-
PAINT/FINISH 1-S/C KEM AQUA 50P		6045 SOUTHERN INDUSTRIAL DRIVE	ENG./ARCH.	GOODWYN MILL	S & CAWOOI	D, INC
		BIRMINGHAM, AL 35235	DETAIL of_			
			REF. DWG.	1.11	OB NO.	

CHK'D HW DATE 11/14

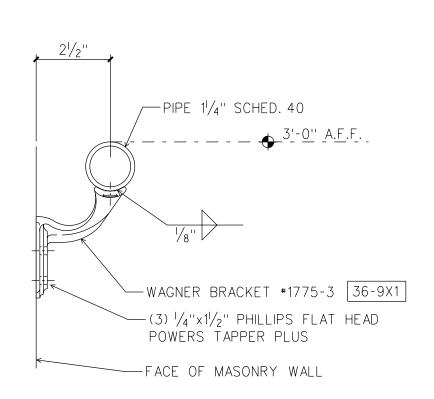
- DWG. NO. E36-2



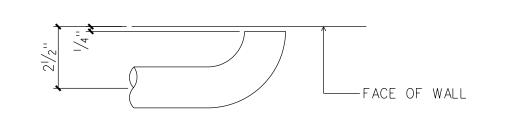




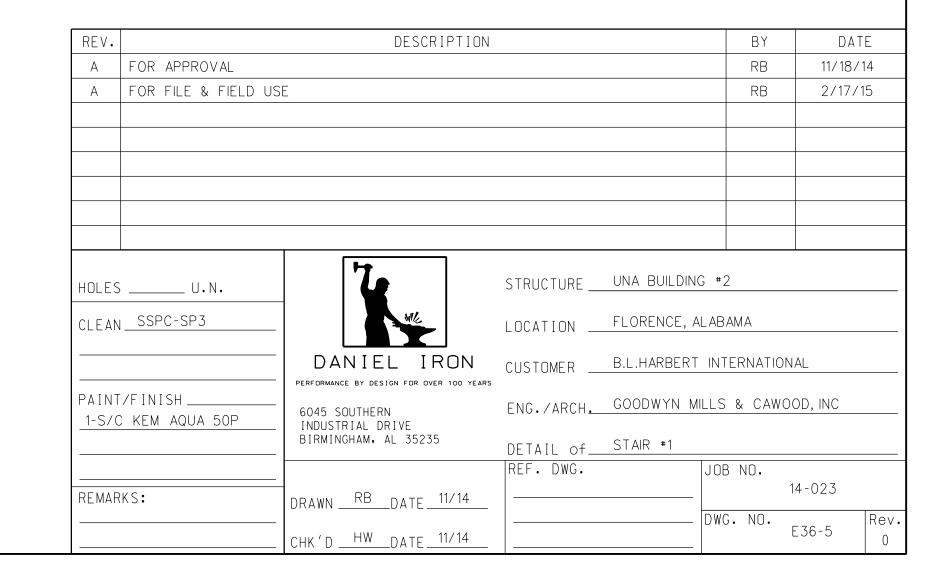
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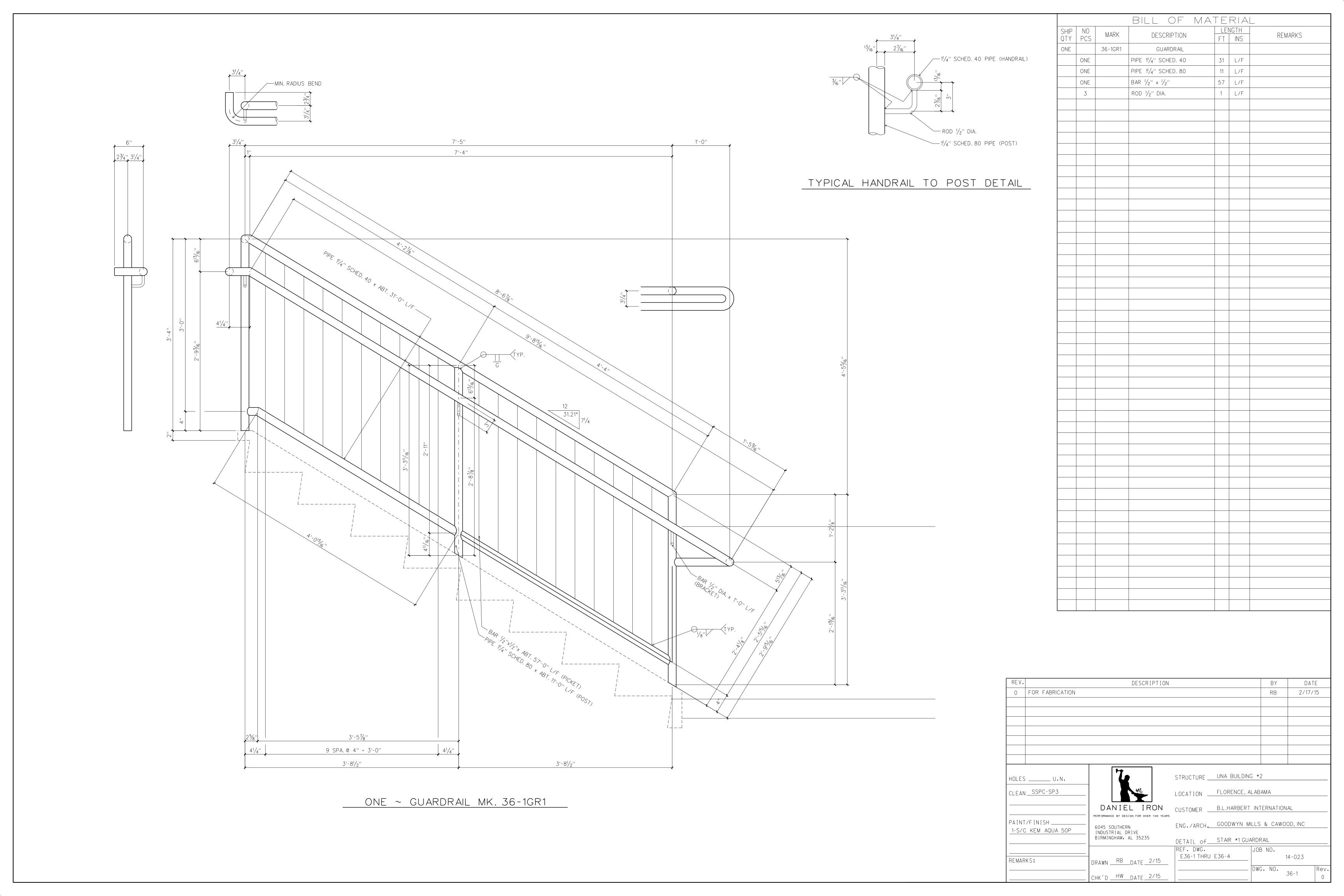


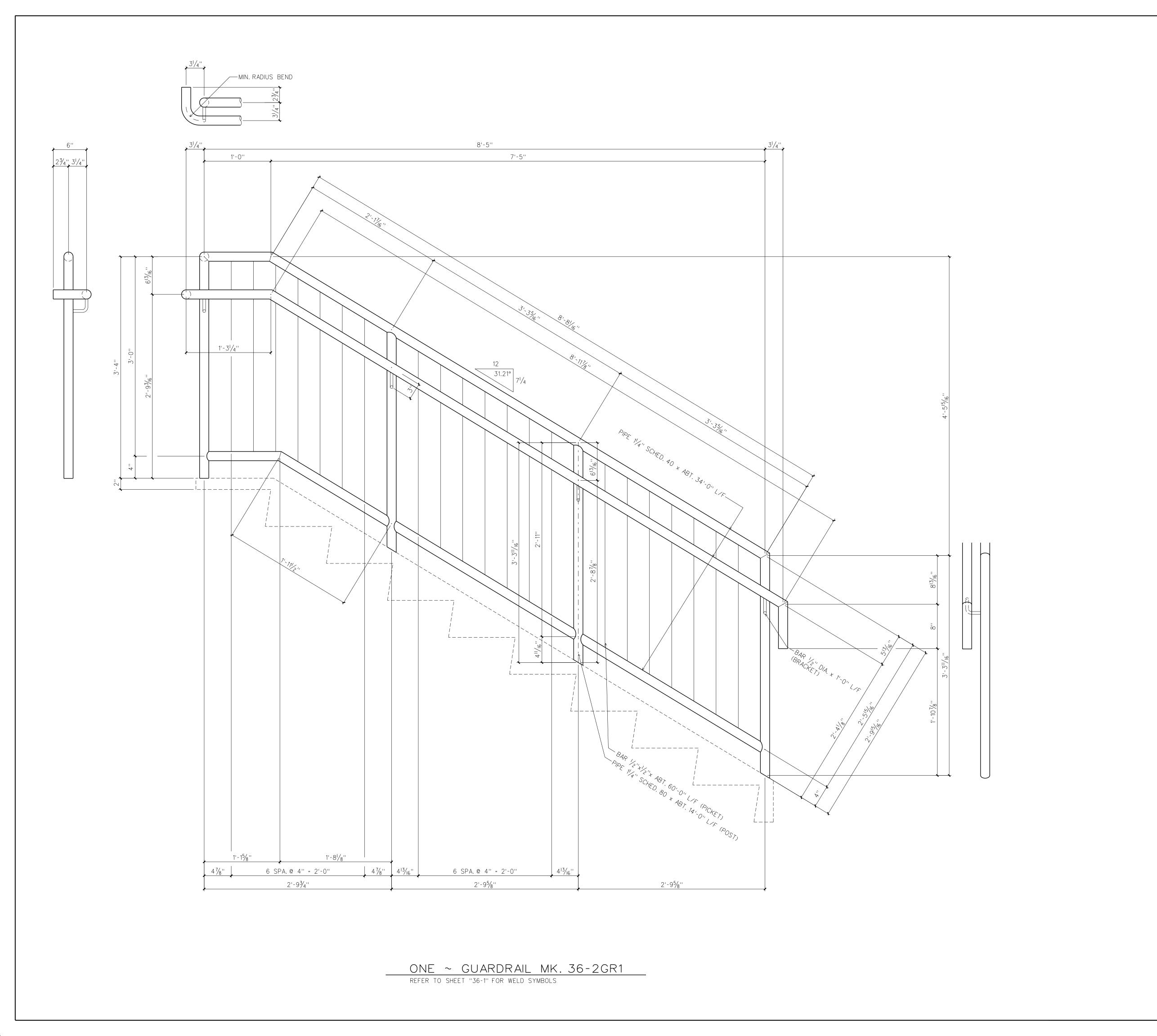
# WALL BRACKET DETAIL



# HANDRAIL RETURN DETAIL







01.115	110		BILL OF M			-		
SHIP QTY	NO PCS	MARK	DESCRIPTION	FT	NGTH INS		REM	ARKS
ONE	100	36-2GR1	GUARDRAIL		1110			
ONL	ONE	30 20111	PIPE 11/4" SCHED. 40	34	L/F			
	ONE		PIPE 11/4" SCHED. 80	14	L/F			
	ONE		BAR 1/2" x 1/2"	60	L/F			
	4		ROD 1/2" DIA.	1	L/F			
	_							-
			DESCRIPTION				ВҮ	DATE
						- 1	٠ ,	D7112

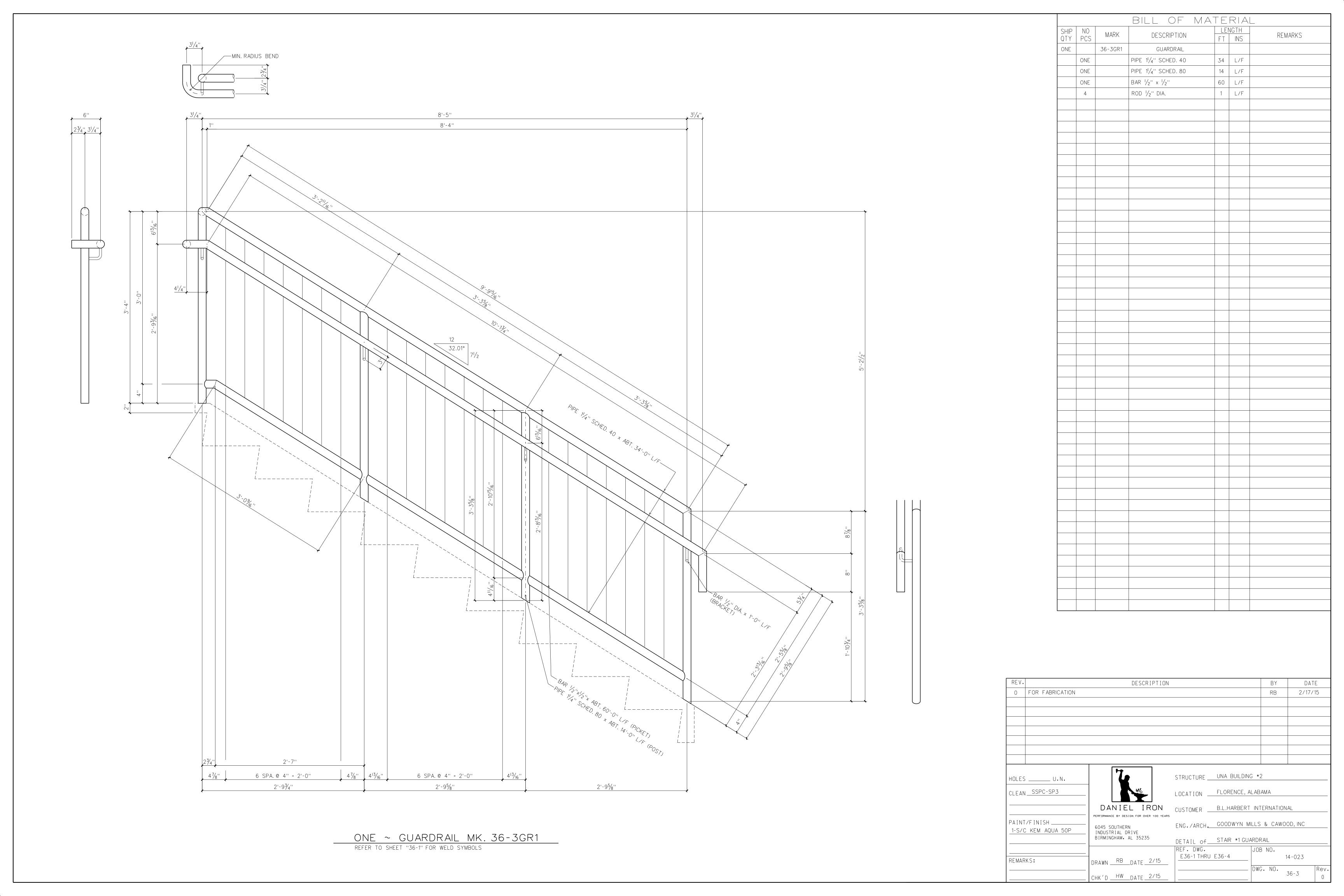
REV.		DESCRIPTION			BY	DATE
0	FOR FABRICATION				RB	2/17/15
HOLES	U.N.	4	STRUCTURE	UNA BUILDING	3 #2	
CLEAN	SSPC-SP3		LOCATION _	FLORENCE, A	LABAMA	
		DANIEL IRON  PERFORMANCE BY DESIGN FOR OVER 100 YEARS	CUSTOMER _	B.L.HARBERT	INTERNATIONA	AL
PAINT/FINISH 1-S/C KEM AQUA 50P		— 6045 SOUTHERN — INDUSTRIAL DRIVE	ENG./ARCH.	GOODWYN MILLS & CAWOOD, INC		D, INC
		BIRMINGHAM, AL 35235	DETAIL of_	STAIR #1 GUA	ARDRAIL	
		_	REF. DWG.		JOB NO.	
REMAR	K C •	DRAWN RB DATE 2/15	E36-1 THRU	LJ0-4	] 14	1-023

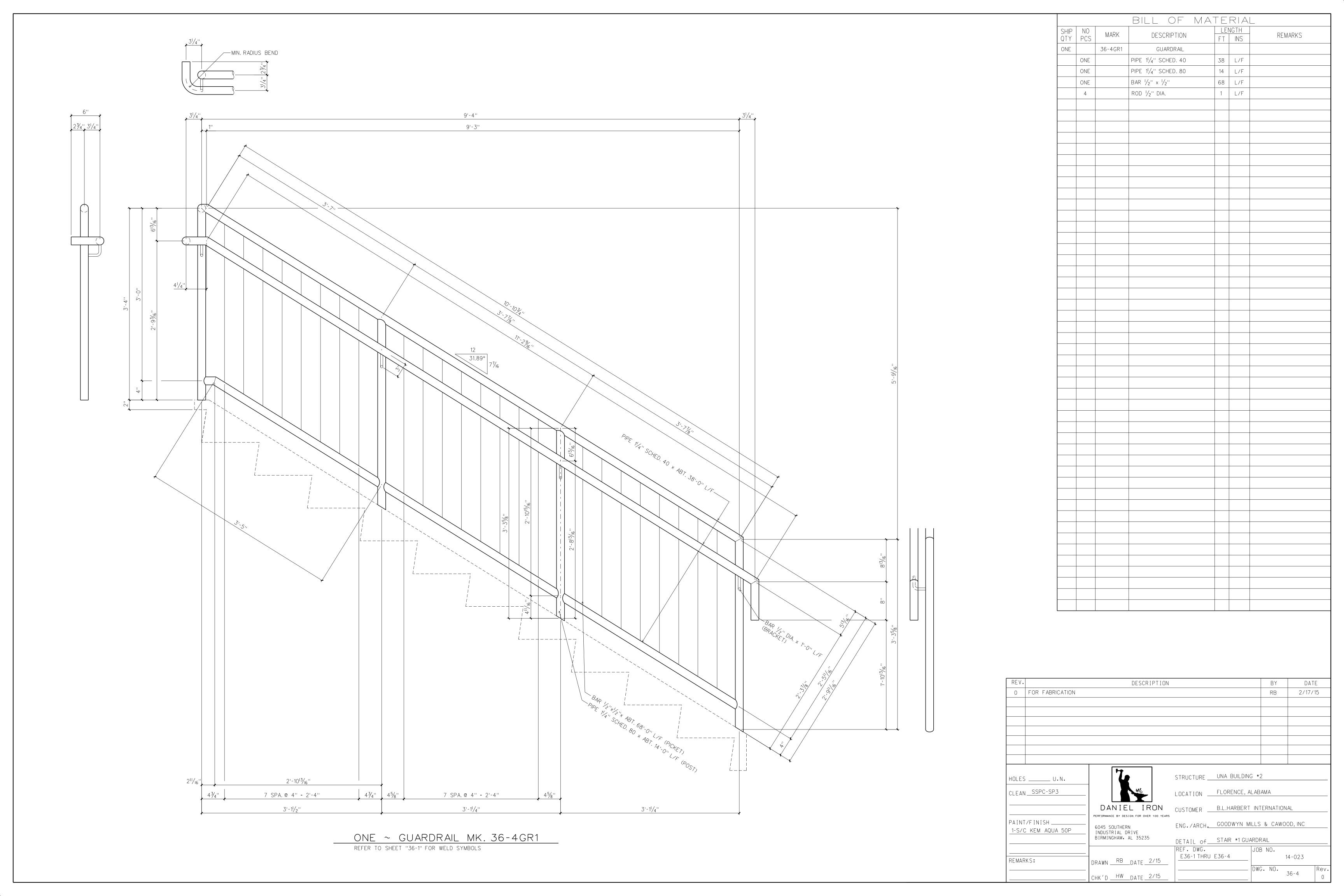
DRAWN RB DATE 2/15

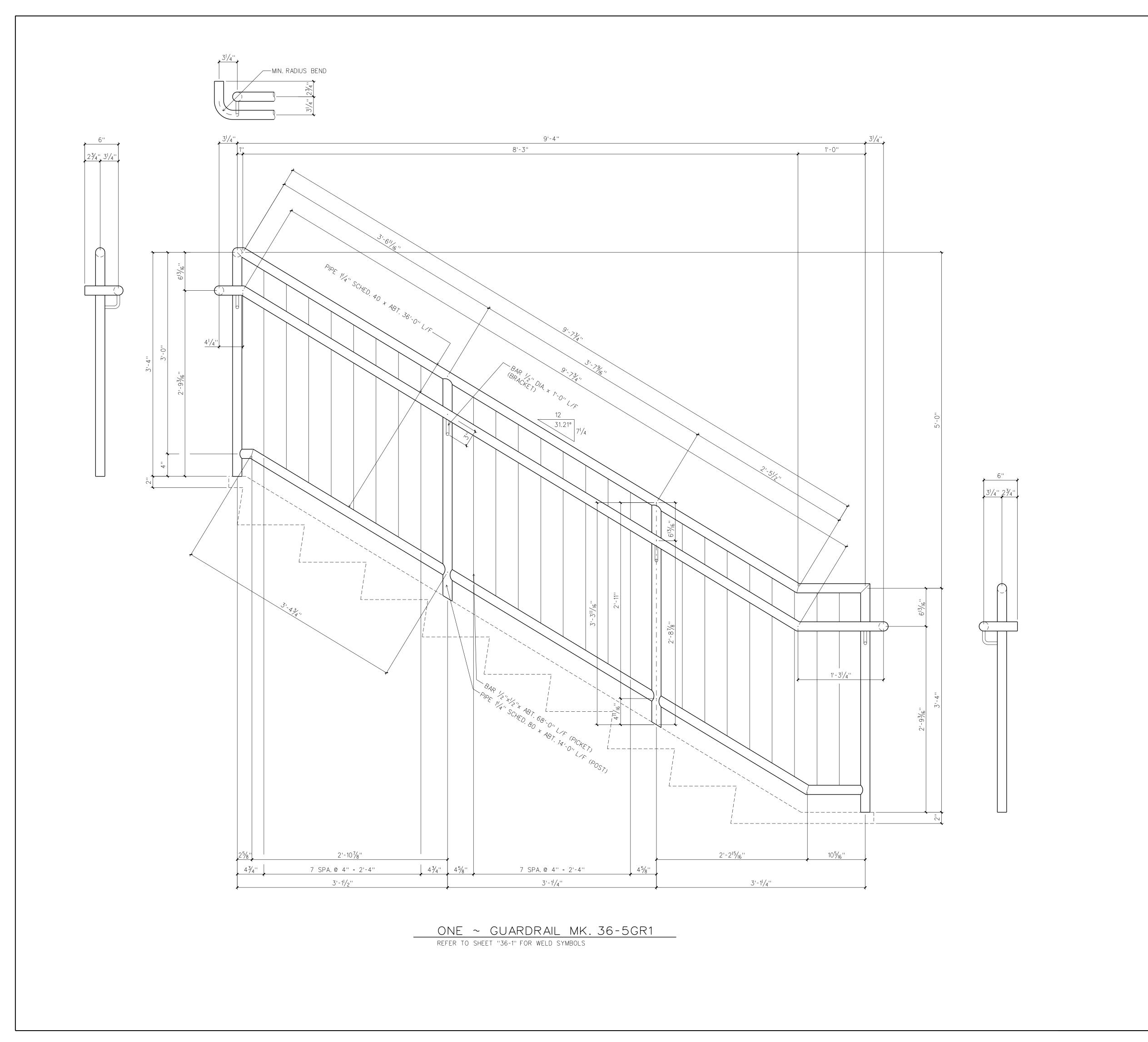
CHK'D HW DATE 2/15

REMARKS:

- DWG. NO. 36-2







SHIP	NO	MARK	BILL OF N DESCRIPTION	L	ENGTH	REMARKS
QTY	PCS			F T	INS	KEMAKKS
ONE	2.1.5	36-5GR1	GUARDRAIL			
	ONE		PIPE 11/4" SCHED. 40	36		
	ONE		PIPE 11/4" SCHED. 80	14		
	ONE		BAR 1/2" x 1/2"	68		
	4		ROD 1/2" DIA.	1	L/F	

REV.	DESCRIPTION	ВҮ	DATE
0	FOR FABRICATION	RB	2/17/15
	F+		

HOLES \_\_\_\_\_U.N. CLEAN\_SSPC-SP3 PAINT/FINISH \_\_\_\_ 6045 SOUTHERN INDUSTRIAL DRIVE BIRMINGHAM, AL 35235 1-S/C KEM AQUA 50P

STRUCTURE \_\_\_UNA BUILDING #2 LOCATION \_\_\_\_FLORENCE, ALABAMA DANIEL IRON CUSTOMER B.L.HARBERT INTERNATIONAL PERFORMANCE BY DESIGN FOR OVER 100 YEARS ENG./ARCH. GOODWYN MILLS & CAWOOD, INC

14-023

DWG. NO. 36-5

DETAIL of STAIR #1 GUARDRAIL

REF. DWG.

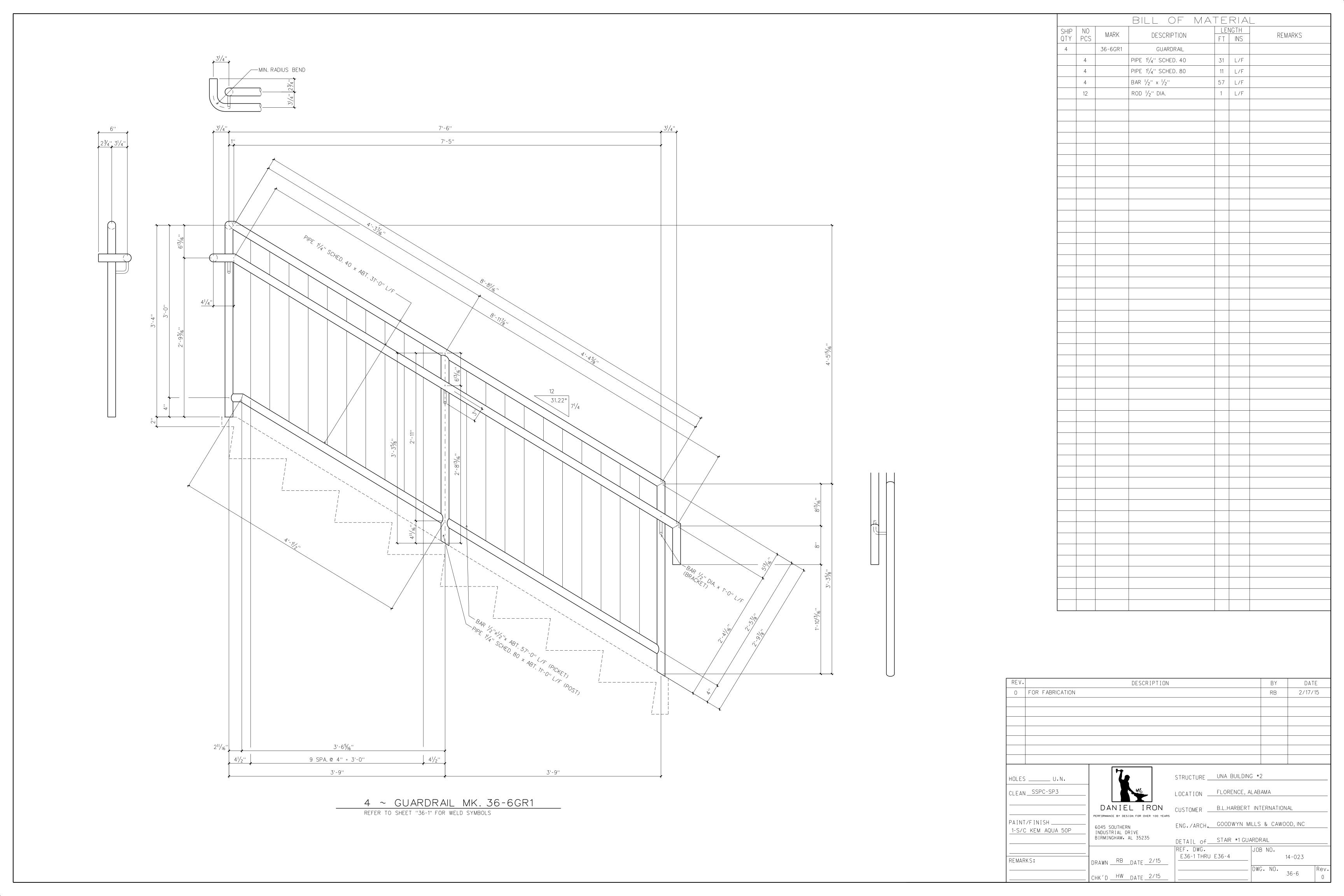
E36-1 THRU E36-4

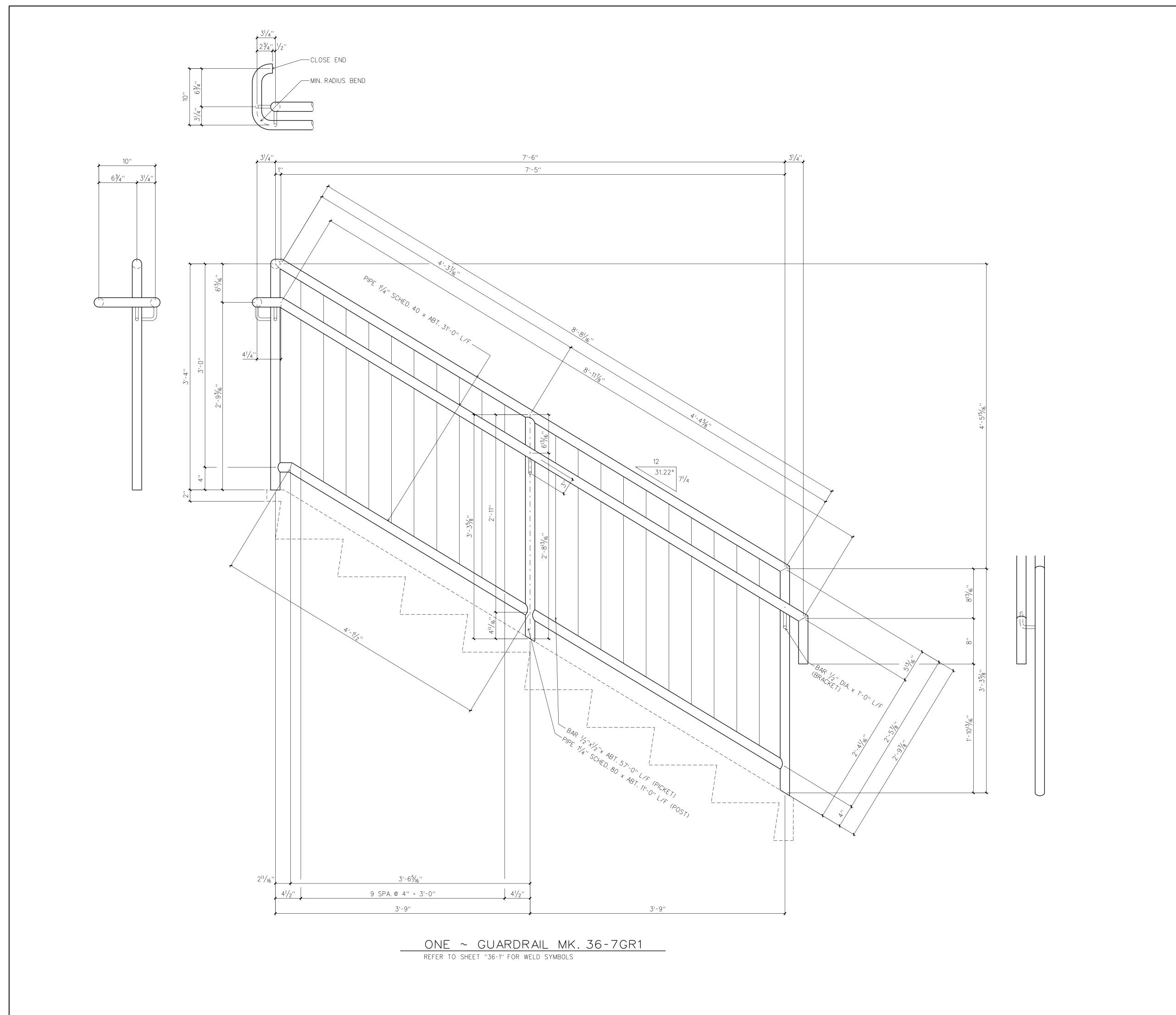
JOB NO

CHK'D <u>HW</u>DATE <u>2/15</u>

DRAWN RB DATE 2/15

REMARKS:





ONE C	PCS 36- ONE ONE ONE 4	F	DESCRIPTION  GUARDRAI  PIPE 11/4" SCHED. 8  BAR 1/2" x 1/2"  ROD 1/2" DIA.	.0	57 1	INS L/F L/F L/F	EMARKS
(	ONE ONE	F F	PIPE 11/4" SCHED. 4 PIPE 11/4" SCHED. 8 BAR 1/2" x 1/2"	0	11 57	L/F	
	ONE	E	BAR 1/2" x 1/2"		57	L/F	
			ROD 1/2" DIA.			L/F	

DEV			
REV.	DESCRIPTION	BY	DATE
0	FOR FABRICATION	RB	2/17/15
HOLES	S U.N. STRUCTUREUNA BUILI	DING #2	
		E, ALABAMA	

DANIEL IRON

PERFORMANCE BY DESIGN FOR OVER 100 YEARS

CUSTOMER

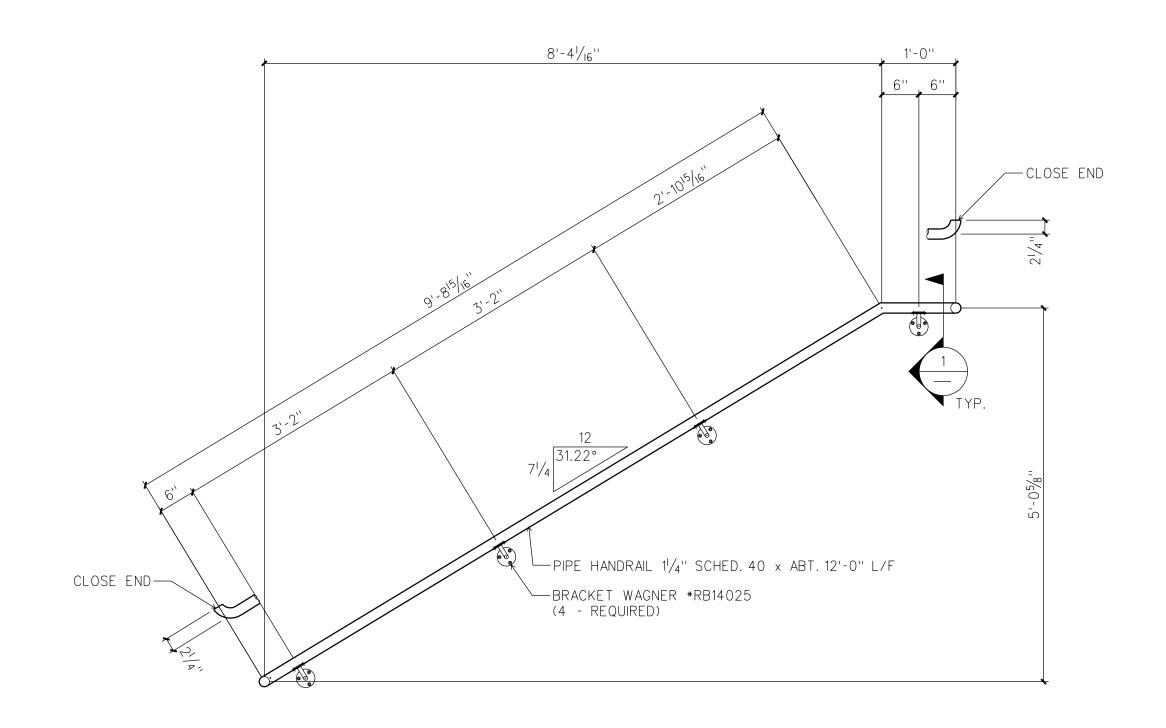
B.L.HARBERT INTERNATIONAL

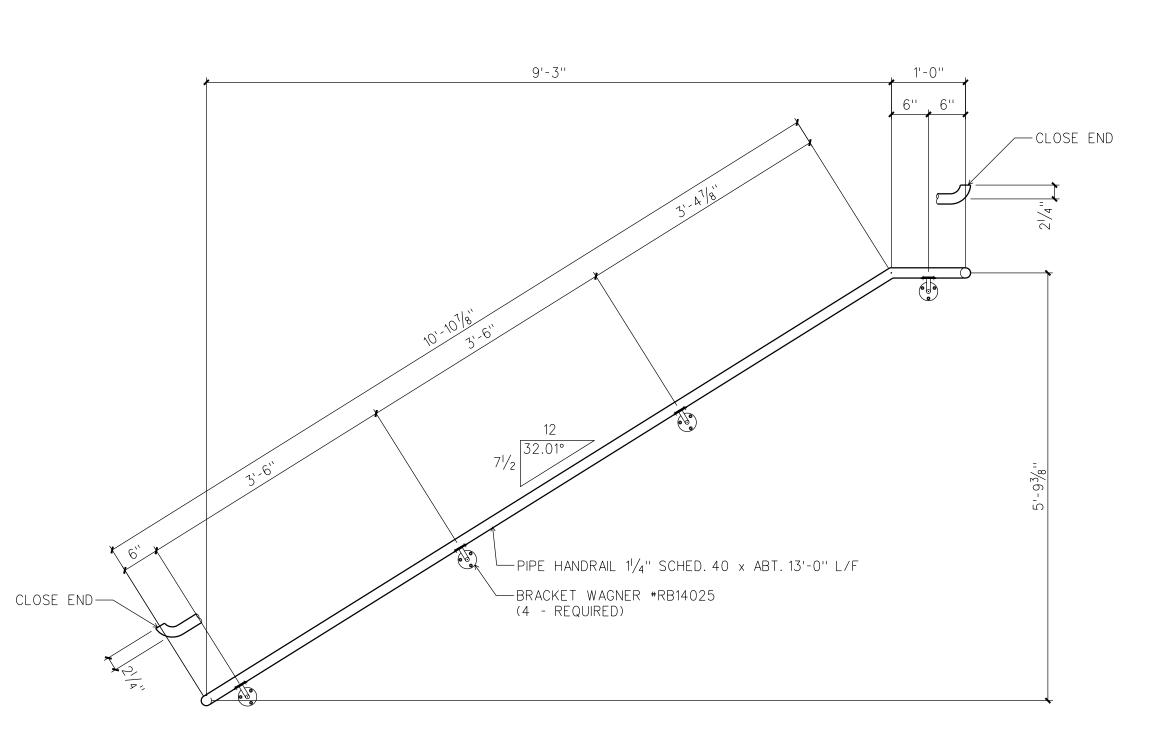
ENG./ARCH. GOODWYN MILLS & CAWOOD, INC

INDUSTRIAL DRIVE
BIRMINGHAM, AL 35235

DETAIL OF STAIR #1 GUARDRAIL

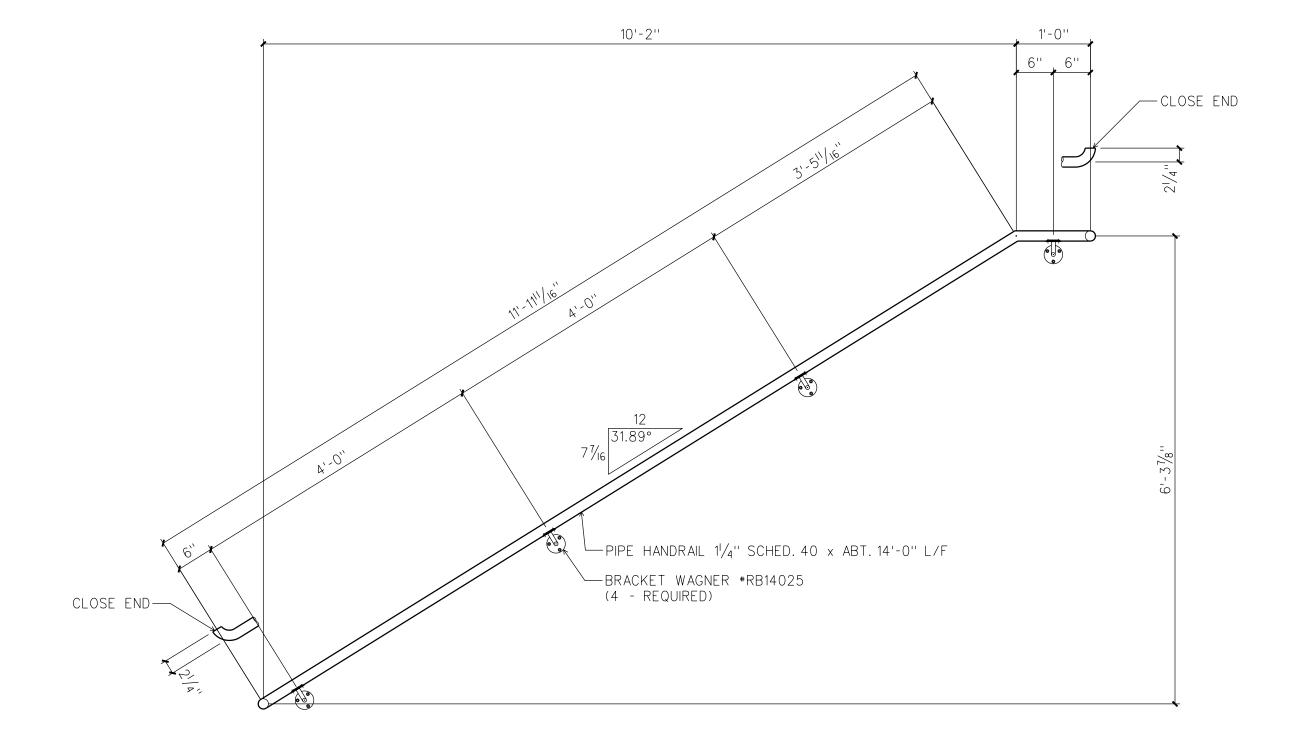






8 ~ HANDRAIL MK. 36-9HR1

ONE ~ HANDRAIL MK. 36-9HR2

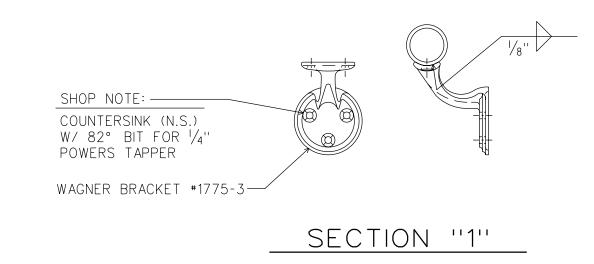


MINIMUM BEND RADIUS

PIPE HANDRAIL 11/4" SCHED. 40 x ABT. 3'-0" L/F

2'-6"

8 ~ HANDRAILS MK. 36-9HR4



ONE ~ HANDRAIL MK. 36-9HR3

REV.		DESCRIPTION			ВҮ	DATE	Ξ
0	FOR FABRICATIO	N			RB	12/3/14	4
101 50		7.	CTDUCTUDE	UNA BUILDING	3 #2		
HULES	U.N.	<b>4</b>					
CLEAN	SSPC-SP3		LOCATION _	FLORENCE, A	LABAMA		
		DANIEL IRON			INTERNATION	٨١	
		PERFORMANCE BY DESIGN FOR OVER 100 YEARS	CUSTOMER _	D.L.HANDEN I	INTERNATION	AL	
	/FINISH	 6045 SOUTHERN	ENG./ARCH.	GOODWYN MI	LLS & CAWO	DD, INC	
1-S/C	C KEM AQUA 50P	INDUSTRIAL DRIVE BIRMINGHAM, AL 35235					
		DIRMINGHAM, AL 33233		STAIR #1 HAN			
			REF. DWG. E36-1 THRU	F 36-4	JOB NO.	4-023	
REMAR	KS:	DRAWN RB DATE 2/15		·			
		——   OUW/D HW DITE 2/15			DWG. NO.	36-9	Rev.
		CHK'D <u>HW</u> DATE 2/15					0

BILL OF MATERIAL

DESCRIPTION

HANDRAIL

WAGNER BRACKET #1775-3

PIPE 11/4" SCHED. 40

WAGNER BRACKET #1775-3

HANDRAIL

WAGNER BRACKET #1775-3

HANDRAIL

PLAIN MATERIAL

HANDRAIL

FIELD LIST

36-9X1 /4" DIA. x 11/2" PHILLIPS F.H. POWERS TAPPER PLUS

SHIP NO QTY PCS

32

4

36-9HR1

36-9HR2

36-9HR3

36-9HR4

36-9HR5

LENGTH FT INS

12 L/F

T 13 | L/F

14 L/F

3 L/F

2 L/F

REMARKS