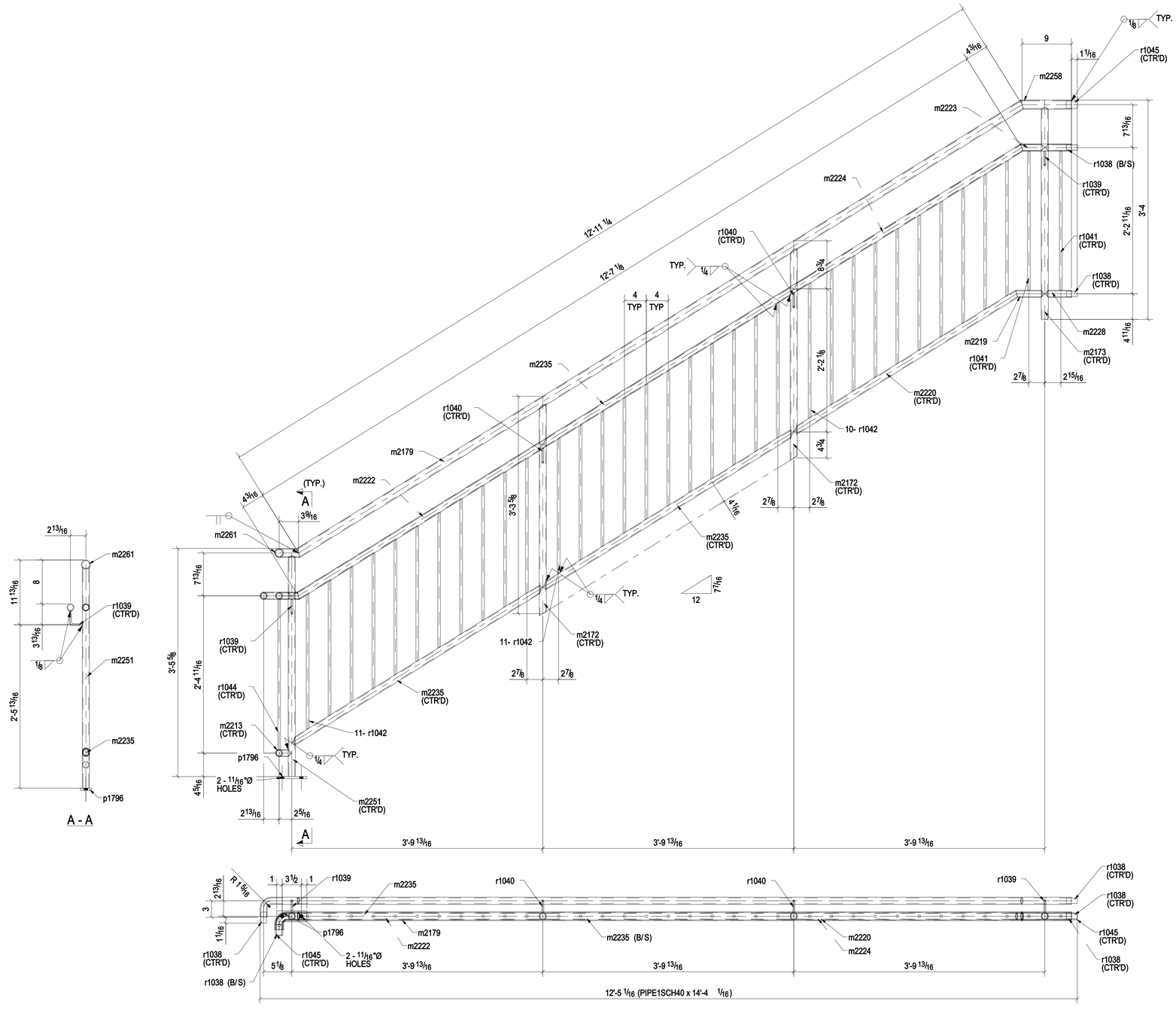

ONE - HANDRAIL - 01F5HR1

BILL OF MATERIAL

Piece Mark	Qty Tot	Description	Length	Weight Total	Remarks	Steel Grade
01F5HR1	ONE	HANDRAIL		166		
01F5HR1	1	PIPE1SCH40	14'-4 1/16"			A53
m2172	2	PIPE1SCH40	3'-2 5/8"			A53
m2173	1	PIPE1SCH40	3'-2 11/16"			A53
m2179	1	PIPE1-1/4SCH40	12'-11 3/4"			A53
m2209	1	PIPE1SCH40	0'-3 1/16"			A53
m2213	1	PIPE1SCH40	0'-3 1/8"			A53
m2219	1	PIPE1SCH40	0'-5 5/16"			A53
m2220	1	PIPE1SCH40	4'-0"			A53
m2221	1	PIPE1SCH40	0'-1 3/8"			A53
m2222	1	PIPE1SCH40	4'-4 11/16"			A53
m2223	1	PIPE1SCH40	0'-4 3/8"			A53
m2224	1	PIPE1SCH40	4'-1 1/8"			A53
m2228	2	PIPE1SCH40	0'-4 7/8"			A53
m2235	3	PIPE1SCH40	4'-5 7/8"			A53
m2251	1	PIPE1SCH40	3'-4 5/16"			A53
m2258	1	PIPE1-1/4SCH40	0'-9 1/4"			A53
m2261	1	PIPE1-1/4SCH40	0'-4 3/8"			A53
p1796	1	FL3/8"X2"	0'-5 1/2"			A36
r1038	6	ROD1"	0'-2"			A36
r1039	2	ROD3/8"	0'-4 1/8"			A36
r1040	2	ROD3/8"	0'-4 1/4"			A36
r1041	2	ROD1/2"	2'-1 3/8"			A36
r1042	32	ROD1/2"	2'-0 7/8"			A36
r1044	1	ROD1/2"	2'-3 3/8"			A36
r1045	2	ROD1 3/8"	0'-2"			A36

ROUTE THIS SHEET TO QA/QC UPON RELEASE TO SHIP

INI: DATE:

SHOP DRAWING DISCLAIMER

ALL INFORMATION PROVIDED ON THESE DRAWINGS ARE PREPARED IN ACCORDANCE TO THE CONTRACT DOCUMENTS AND THE SPECIFICATIONS. ALL CLOUDED AREAS SHOWN ARE DUE TO ADDITIONAL INFORMATION PROVIDED BY OTHERS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL THE INFORMATION AVAILABLE TO US. WE MUST HAVE THESE AREAS ANSWERED BY THE GENERAL CONTRACTOR, ARCHITECT, & ENGINEER, BEFORE WE CAN START FABRICATING ANY MATERIAL. PLEASE RESPOND WITH THIS INFORMATION BY MARKING UP OUR SHOP DRAWINGS.

CHANGES PER RFI#

REFERENCE CONTRACT SHEETS

WELDS: E70XX
HOLES: 13/16"Ø HOLES UNO.
STEEL: ASTM A992 UNO.

STANDARD SHOP NOTES

1. EA. END OF MAT'L MAY DEVIATE FROM DIM'S SHOWN BY 1/2 NORMAL A6 MILL TOLERANCE FOR LENGTH AND SQUARENESS U.N.O.
2. WELDERS ARE TO USE FCAW AND/OR SMAW PROCESS PER AWS D1.1 UNLESS NOTED.
3. ALL MEMBERS TO BE FABRICATED WITH SQUIRMS MARKS ON LEFT HANDED.
4. ALL SHOP BOLTS TO BE A-325 U.N.O.
5. RUNNING DIM'S ARE GIVEN FROM END OF MAIN MATERIAL(i.e. BOTT./COL. & END OF BEAM)
6. 13/16"x1" SLOTS @ OSL OF CLIP ANGLES U.N.O.

THIS DRAWING IS RELEASED FOR:

FABRICATION
ITEM NO. 01

NO.	REVISION DESCRIPTION	DATE:
0	FOR FABRICATION	08/21/14

JOB	
LOC.	
MKD.	
CHK'D.	
DESCRIPTION	POST
STAGE	ITEM NO. 01
SHEET	ZA
DATE	08/21/14
FINISH	SHOP PRIMER
PROJECT	1673

01F5

DR.BY RKB