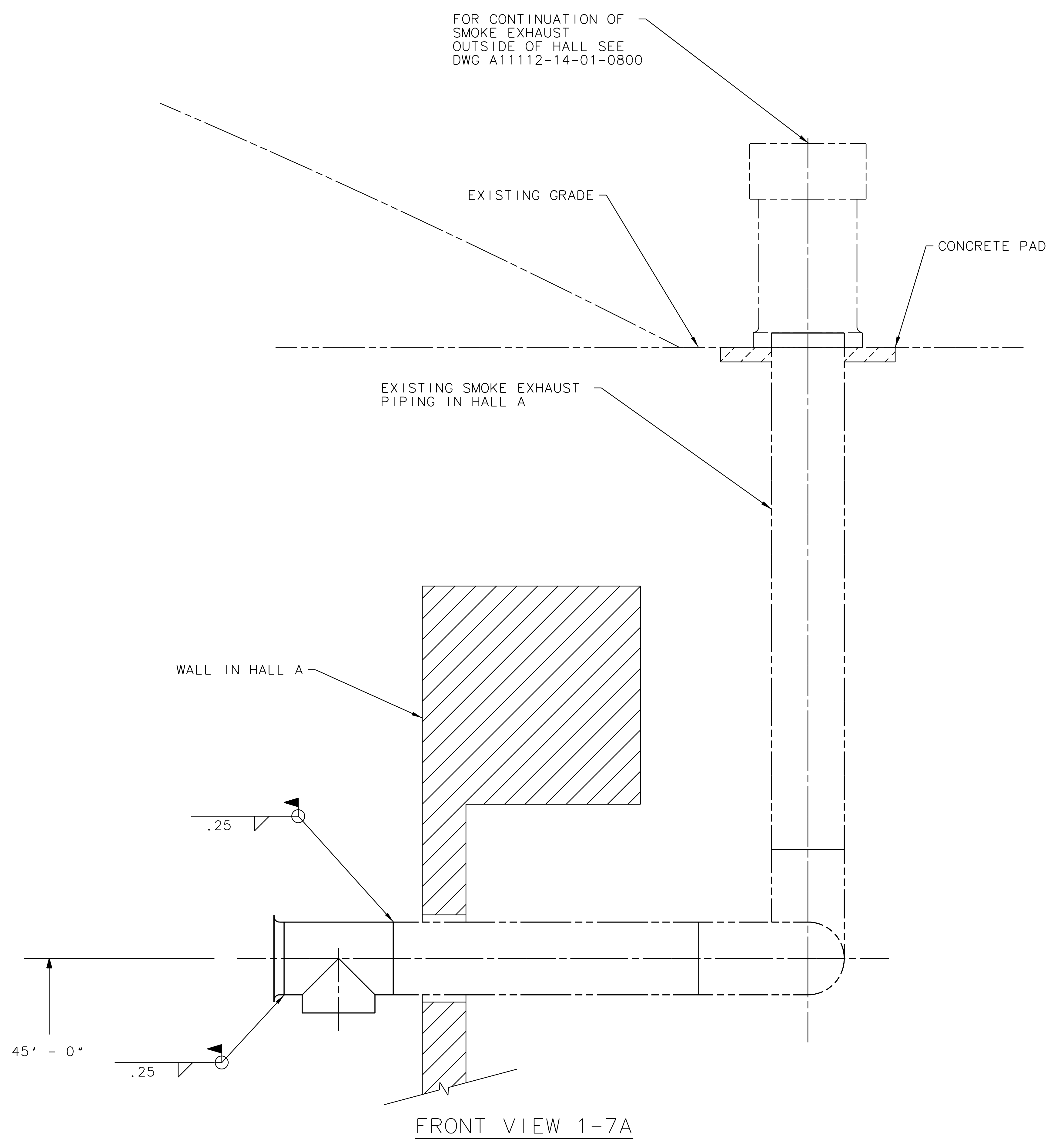
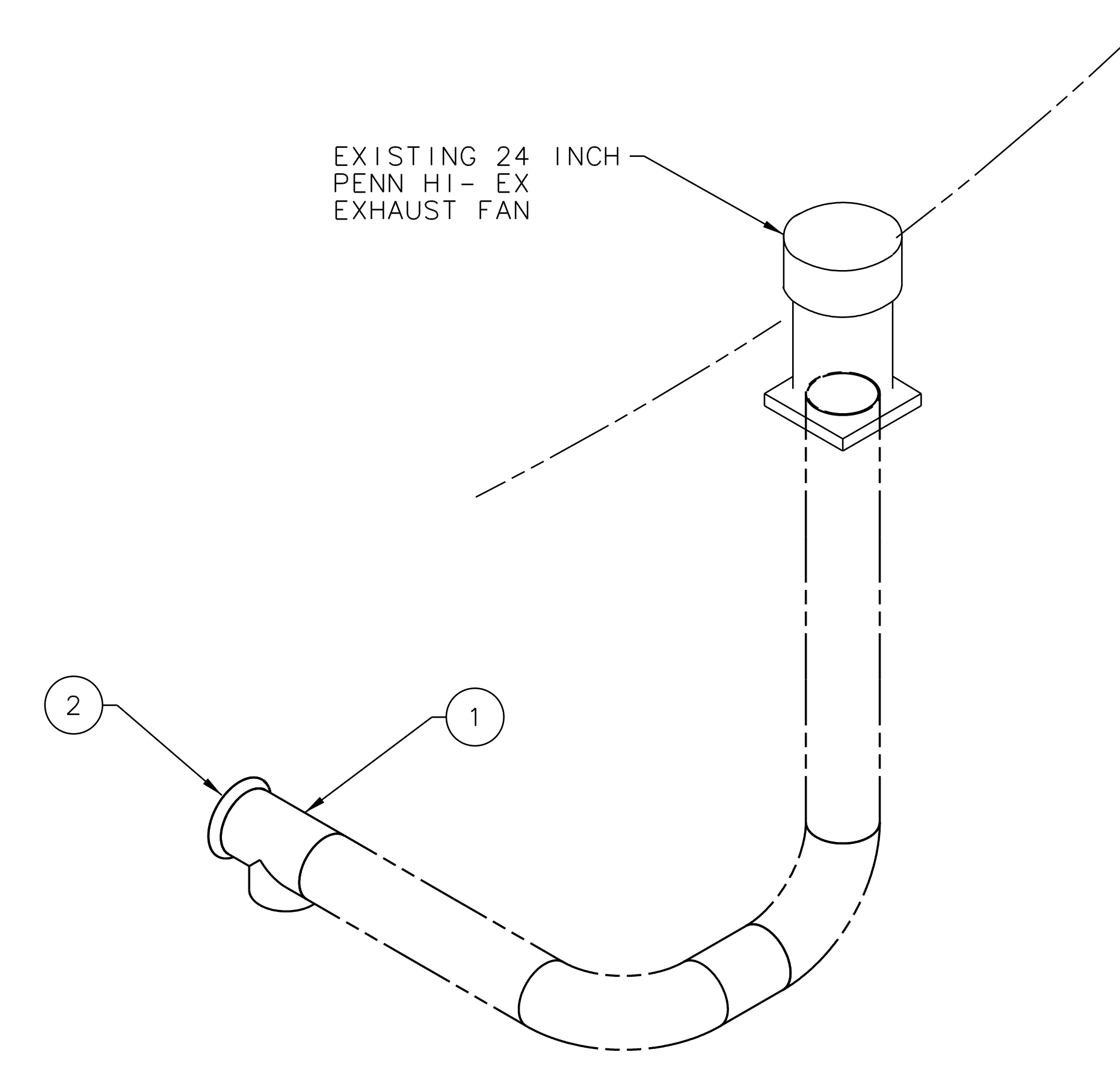
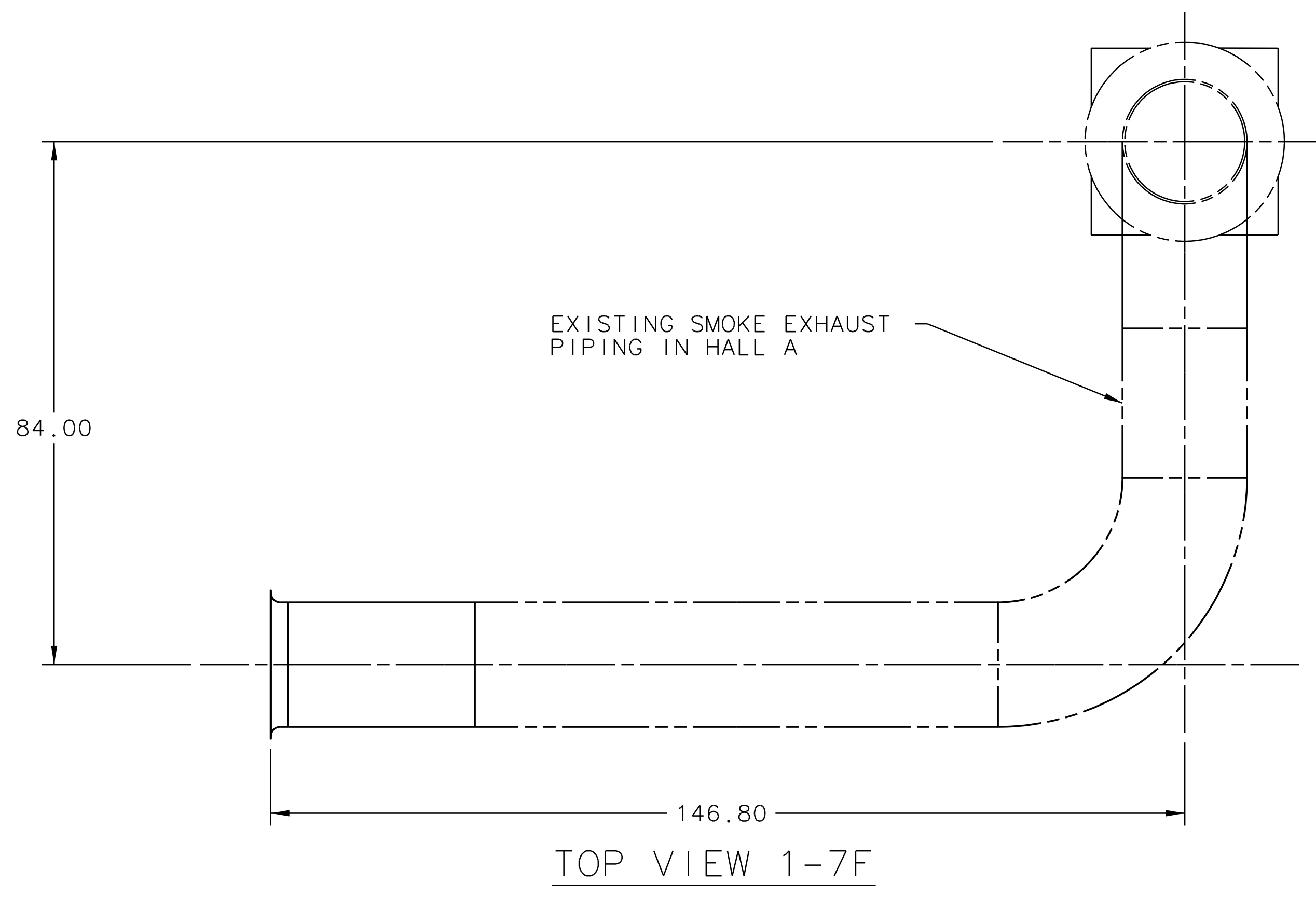


REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED



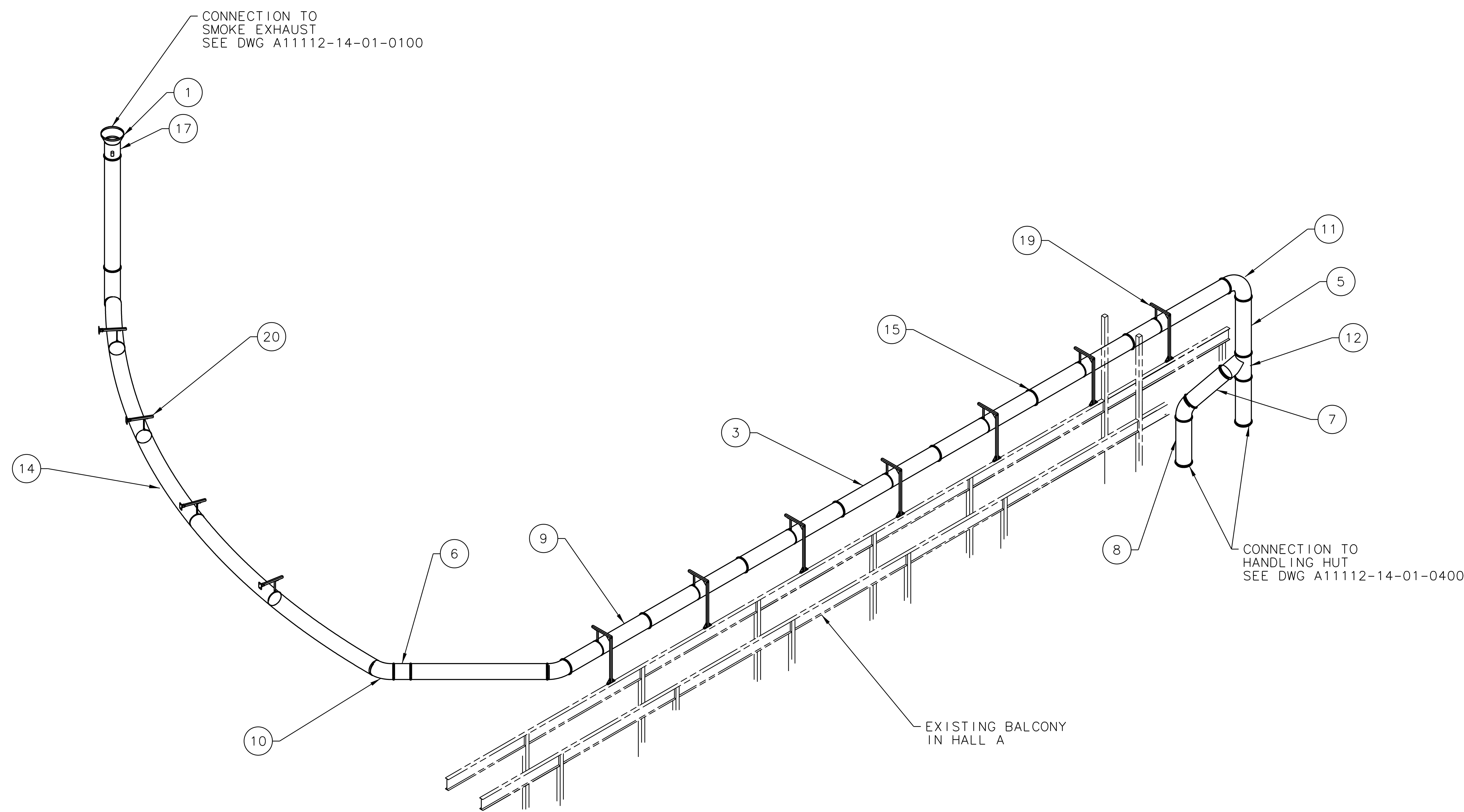
PRELIMINARY

NOTES:  
1. CUT OFF EXISTING BELL MOUTH FITTING AND REPLACE WITH TEE (ITEM 1) AND NEW BELLMOUTH FITTING (ITEM 2).

QTY	ITEM NO.	PART OR IDENTIFYING NO.	NUMERICAL OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
1	2	BUCKLEY ASSOC. SIZE 20 OR EQUIV	BELLMOUTH FITTING 20 IN	GALVANIZED STEEL	1
1	1	-	TEE 20 IN	GALVANIZED STEEL	1

DOCUMENT CONTROL STAMP	UNIT & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMAL ANGLES ± N/A .XX ± .005 ± .01 ± .50'	TRACKING NO. N/A	United States Department of Energy
MATERIAL SEE PARTS LIST	THIRD ANGLE PROJECTION	APPROVALS DATE	Jefferson Lab Newport News Virginia
FINISH MACHINED SURFACES DEBURR & BREAK ALL SHARP EDGES	UNLESS OTHERWISE NOTED	DRAWN J. MILLER 16JUL14	HALL A - EXP11112 SRC CIVIL - TRITIUM EXHAUST TRITIUM EXHAUST ASSY SMOKE EXHAUST MODIFICATION
DO NOT SCALE DRAWING		APPROVED	SIZE DWG. NO. A11112-14-01-0100 REV. -
		APPROVED	SCALE 1:16 (USD ON ASST NO. A11112-14-01-0000) SHEET 1 OF 1

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED



PRELIMINARY

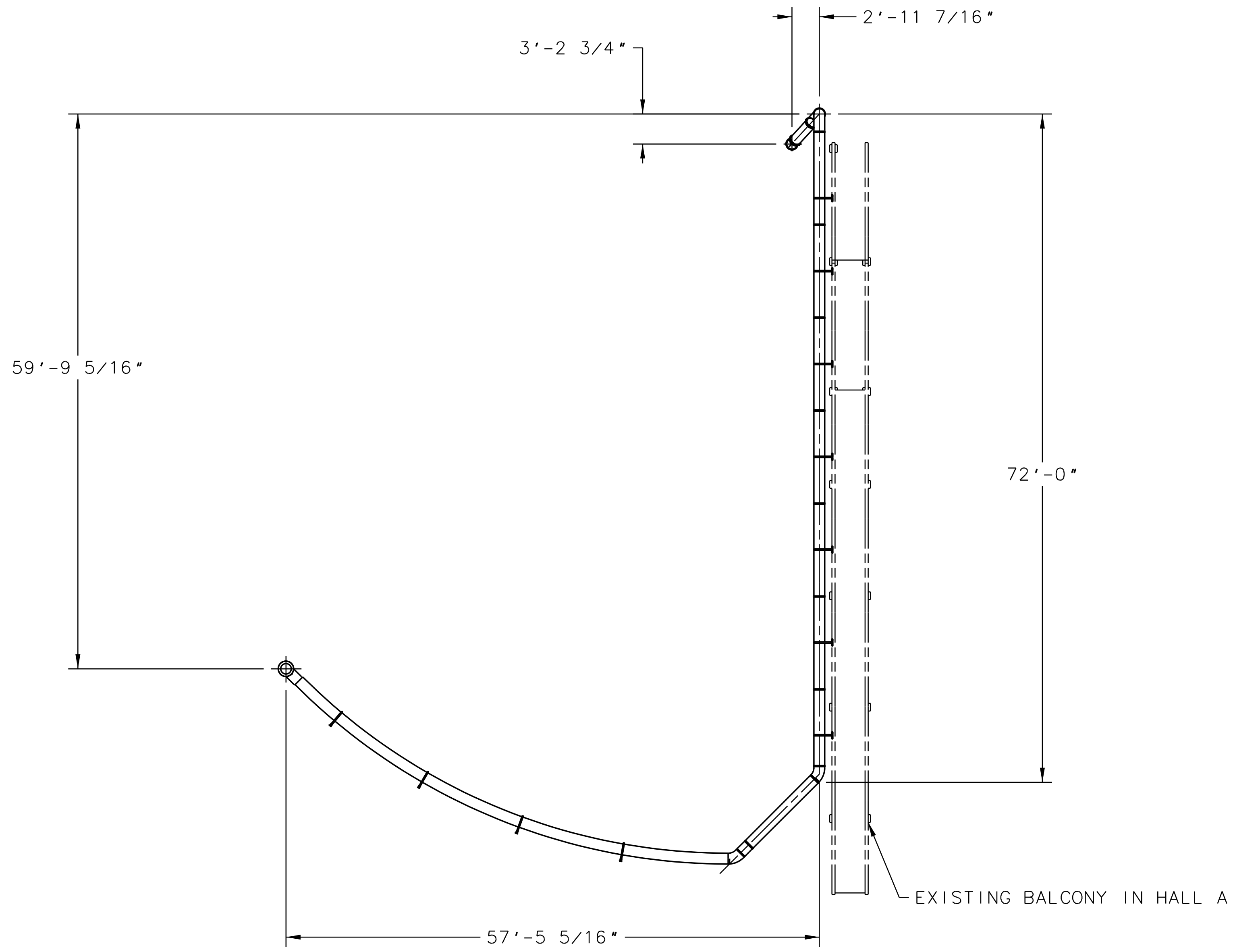
ISO VIEW 1-6B

QTY	ITEM NO.	PART OR IDENTIFYING NO.	DESCRIPTION OR IDENTIFICATION	MATERIAL SPECIFICATION	NOTES
1	20	A11112-14-01-1300	FLEX LINE HANGER ATTACHMENT	COMPOSITE	-
1	19	A11112-14-01-0700	HANGER ATTACHMENT	COMPOSITE	-
-	18	-	-	-	-
1	17	HONEYWELL ARD14	DAMPER 14 INCH ROUND	GALVANIZED SHEET STEEL	-
21	16	SPIRAL MATE -S 14	SPIRAL MATE GASKETED CONN FOR 14 INCH DUCT	COMPOSITE	-
-	15	-	-	-	-
1	14	DUCT SHOP	FLEXIBLE DUCT 14 INCH X 51.35 FEET	GALVANIZED SHEET STEEL	-
-	13	-	-	-	-
1	12	SPIRAL MFG 2-141451	SADDLE 14 INCH	GALVANIZED STEEL	-
2	11	SPIRAL MFG 2-1490	DUCT ELBOW 14 INCH 90 DEG	GALVANIZED STEEL	-
3	10	SPIRAL MFG 2-1445	DUCT ELBOW 14 INCH 45 DEG	GALVANIZED STEEL	-
1	9	SPIRAL MFG 2-14 CUT TO 98.81	SPIRAL DUCT 14 INCH CUT TO 98.81 INCH	GALVANIZED STEEL	-
2	8	SPIRAL MFG 2-14 CUT TO 48	SPIRAL DUCT 14 INCH CUT TO 48 INCH	GALVANIZED STEEL	-
1	7	SPIRAL MFG 2-14 CUT TO 42.6	SPIRAL DUCT 14 INCH CUT TO 42.6 INCH	GALVANIZED STEEL	-
1	6	SPIRAL MFG 2-14 CUT TO 14.81	SPIRAL DUCT 14 INCH CUT TO 14.81 INCH	GALVANIZED STEEL	-
1	5	SPIRAL MFG 2-14 5 FT	SPIRAL DUCT 14 INCH X 5 FT	GALVANIZED STEEL	-
8	4	SPIRAL MFG 2-14	SPIRAL DUCT 14 INCH X 10 FT	GALVANIZED STEEL	-
-	3	-	-	-	-
-	2	-	-	-	-
1	1	A11112-14-01-0301	ADAPTER 20NPS TO 14 ROUND DUCT	GALVANIZED SHEET STEEL	-

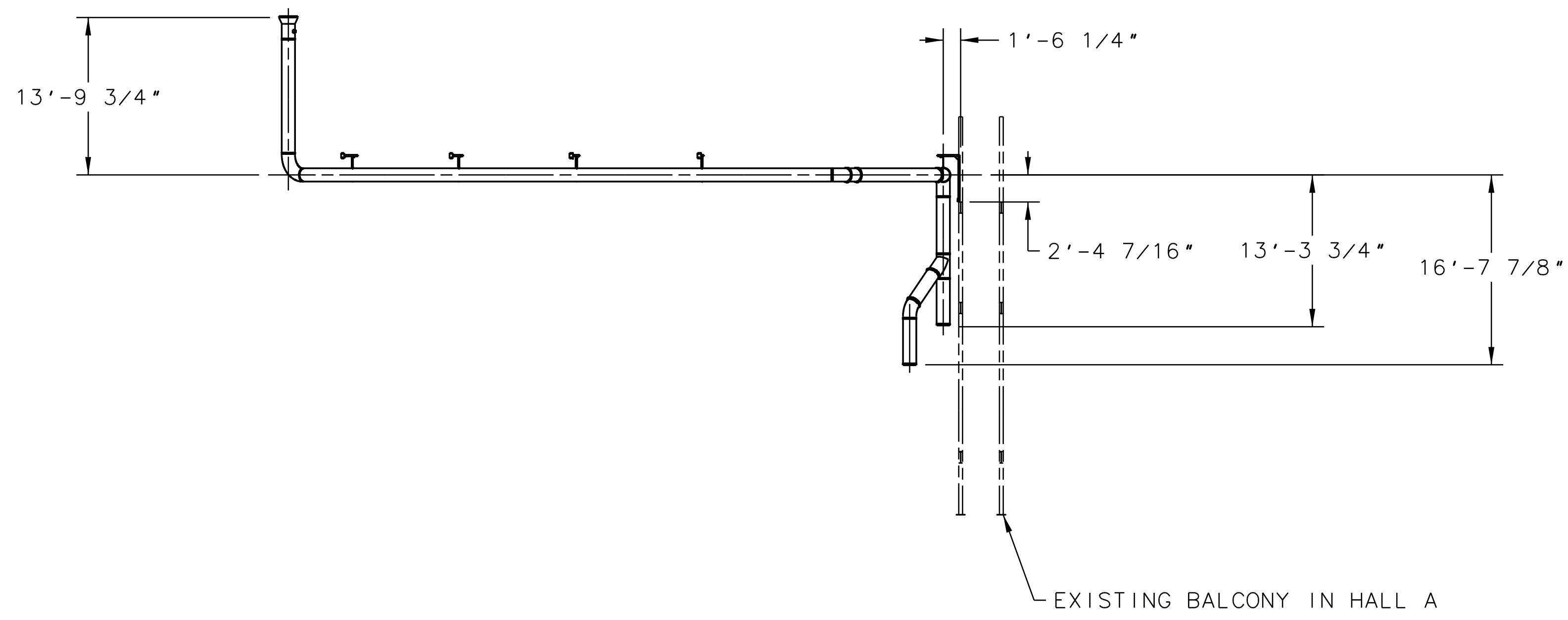
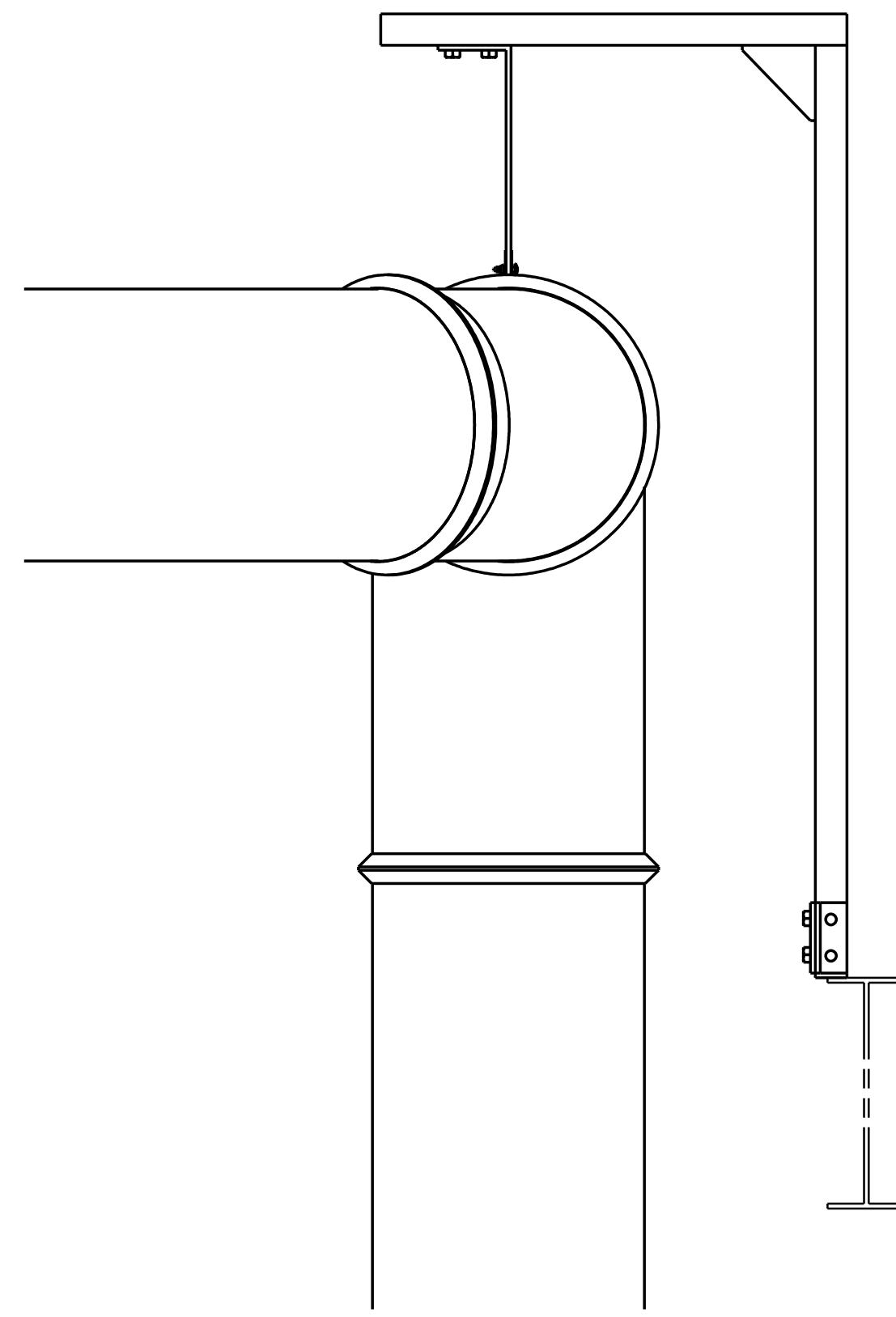
DOCUMENT CONTROL STAMP	UNIT & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE FRACTIONS DECIMAL ANGLES ± N/A X ± .1 X.XX ± .01 X.XX ± .005 ± .50°	TRACKING NO. N/A	United States Department of Energy
MATERIAL SEE PARTS LIST	THIRD ANGLE PROJECTION	APPROVALS DATE	Jefferson Lab Civil - Tritium Exhaust Large Vent Exhaust Subassy
FINISH MACHINED SURFACES DEBURR & BREAK ALL SHARP EDGES UNLESS OTHERWISE NOTED		DRAWN J. MILLER 15JUL14	NEWPORT NEWS VIRGINIA
DO NOT SCALE DRAWING		APPROVED	SCALE 1:100 (SEE DWG. NO. A11112-14-01-0300) SHEET 1 OF 2

8 7 6 5 4 3 2 1

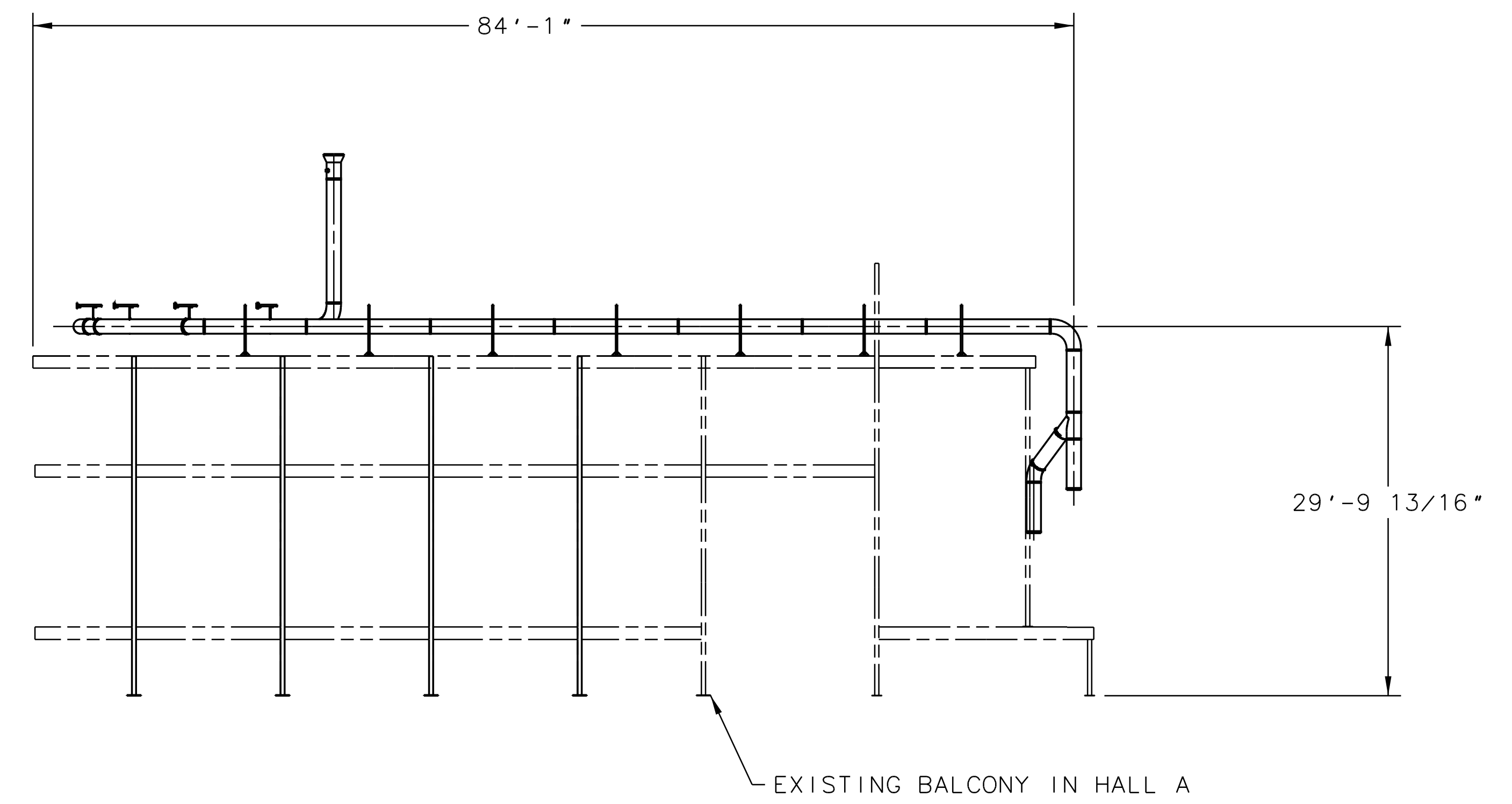
H  
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TOP VIEW 2-7E



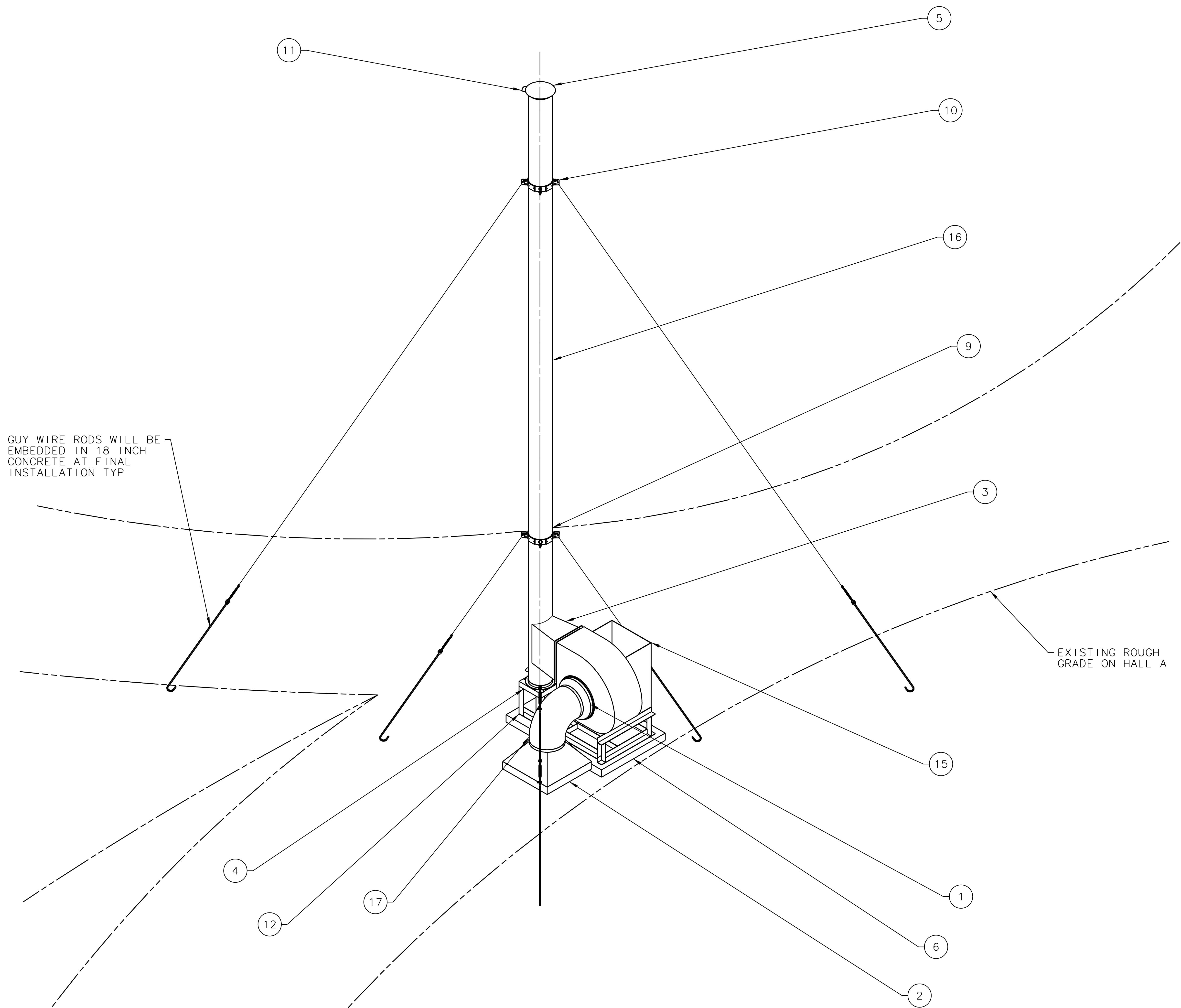
FRONT VIEW 2-7C



RT SIDE VIEW 2-3C

8 7 6 5 4 3 2 1

REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED



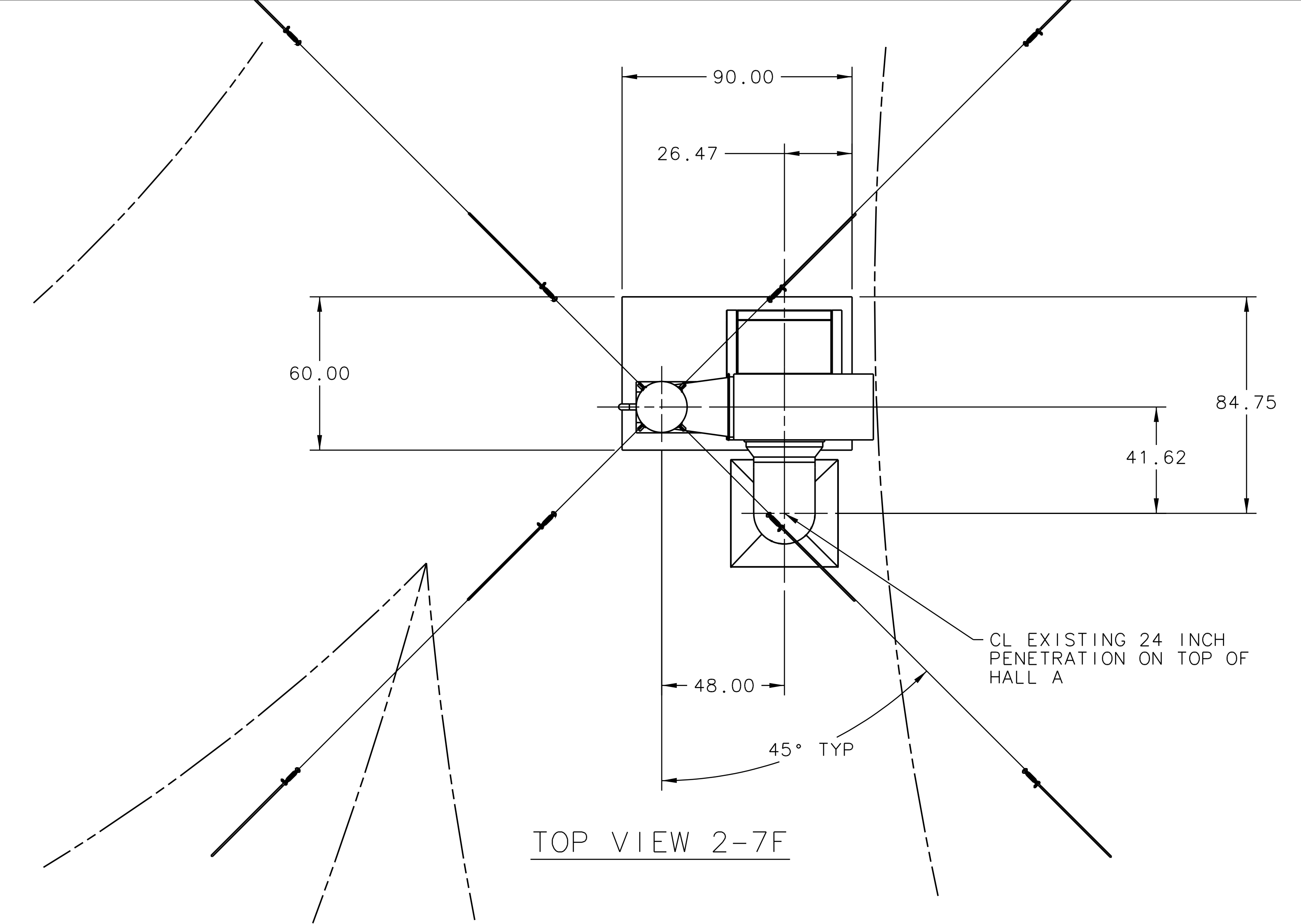
ISO VIEW 1-6B

PRELIMINARY

QTY	ITEM NO.	PART OR IDENTIFYING NO.	DESCRIPTION	MATERIAL	NOTES
1	17	SPIRAL MFG 2-2490 OR EQ	DUCT ELBOW 24 IN	GALVANIZED STEEL	-
1	16	CONTECH 2 2/3 X 1/2 OR EQ	CORRUGATED METAL PIPE 15 DIA	GALVANIZED STEEL	-
1	15	PENN DYNAMO D30	CENTRIFUGAL EXHAUST FAN 12000 CFM	COMPOSITE	-
-	14	-	-	-	-
-	13	-	-	-	-
1	12	A11112-14-01-1500	FRAME WELDMENT	STEEL	-
1	11	A11112-14-01-1400	TARGET VENT LINE 2 INCH	STAINLESS STEEL	-
1	10	A11112-14-01-1100	TOP GUY WIRE COLLAR SUBASSY	COMPOSITE	-
1	9	A11112-14-01-1000	GUY WIRE COLLAR SUBASSY	COMPOSITE	-
-	8	-	-	-	-
-	7	-	-	-	-
1	6	A11112-14-01-0806	CONCRETE SLAB	CONCRETE	-
1	5	A11112-14-01-0805	RAIN CAP	GALVANIZED STEEL	-
1	4	A11112-14-01-0804	BASE FOR METAL PIPE	STEEL	-
1	3	A11112-14-01-0803	EXHAUST PIPE CONNECTION	GALVANIZED STEEL	-
1	2	A11112-14-01-0802	ROOF OPENING CONNECTION	GALVANIZED STEEL	-
1	1	A11112-14-01-0801	CONCENTRIC REDUCER 30 X 24	GALVANIZED STEEL	-

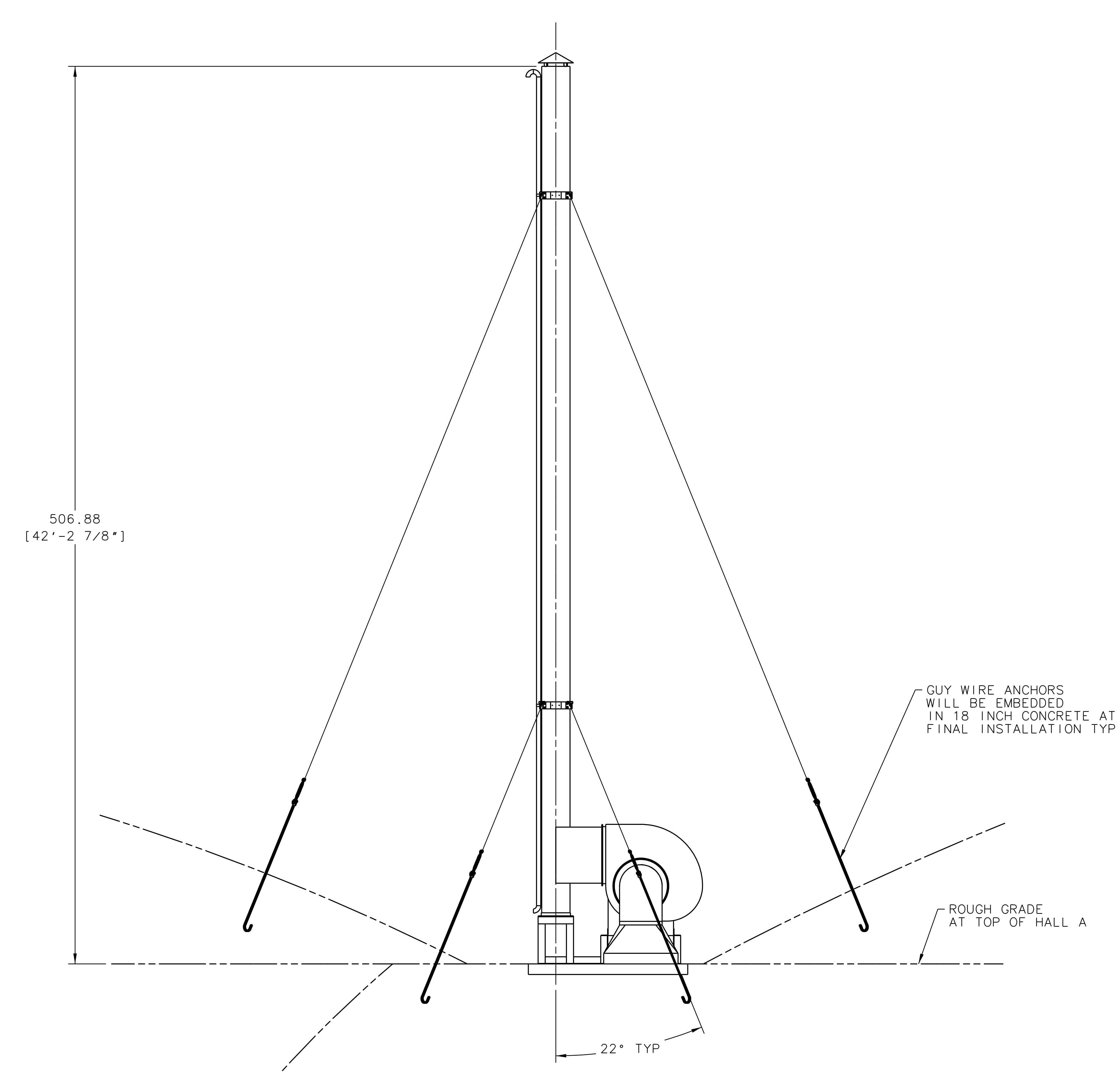
DOCUMENT CONTROL STAMP	DIM & TOL PER ASME Y14.5 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMAL ANGLES ± N/A X ± .01 ± .005 X ± .1 ± .50°	TRACKING NO. N/A	United States Department of Energy
MATERIAL SEE PARTS LIST	THIRD ANGLE PROJECTION	APPROVALS DATE	Jefferson Lab ORNL - Oak Ridge National Laboratory Newport News Virginia
FINISH MACHINED SURFACES DEBURR & BREAK ALL SHARP EDGES	UNLESS OTHERWISE NOTED	DRAWN: J. MILLER 17JUL14	HALL A - EXP11112 SRC CIVIL - TRITIUM EXHAUST TRITIUM EXHAUST ASSY OUTSIDE HALL LARGE VENT SUBASSY
DO NOT SCALE DRAWING		APPROVED	SCALE 1:32 (SEE DWG. NO. A11112-14-01-0800) SHEET 1 OF 2

8 7 6 5 4 3 2 1

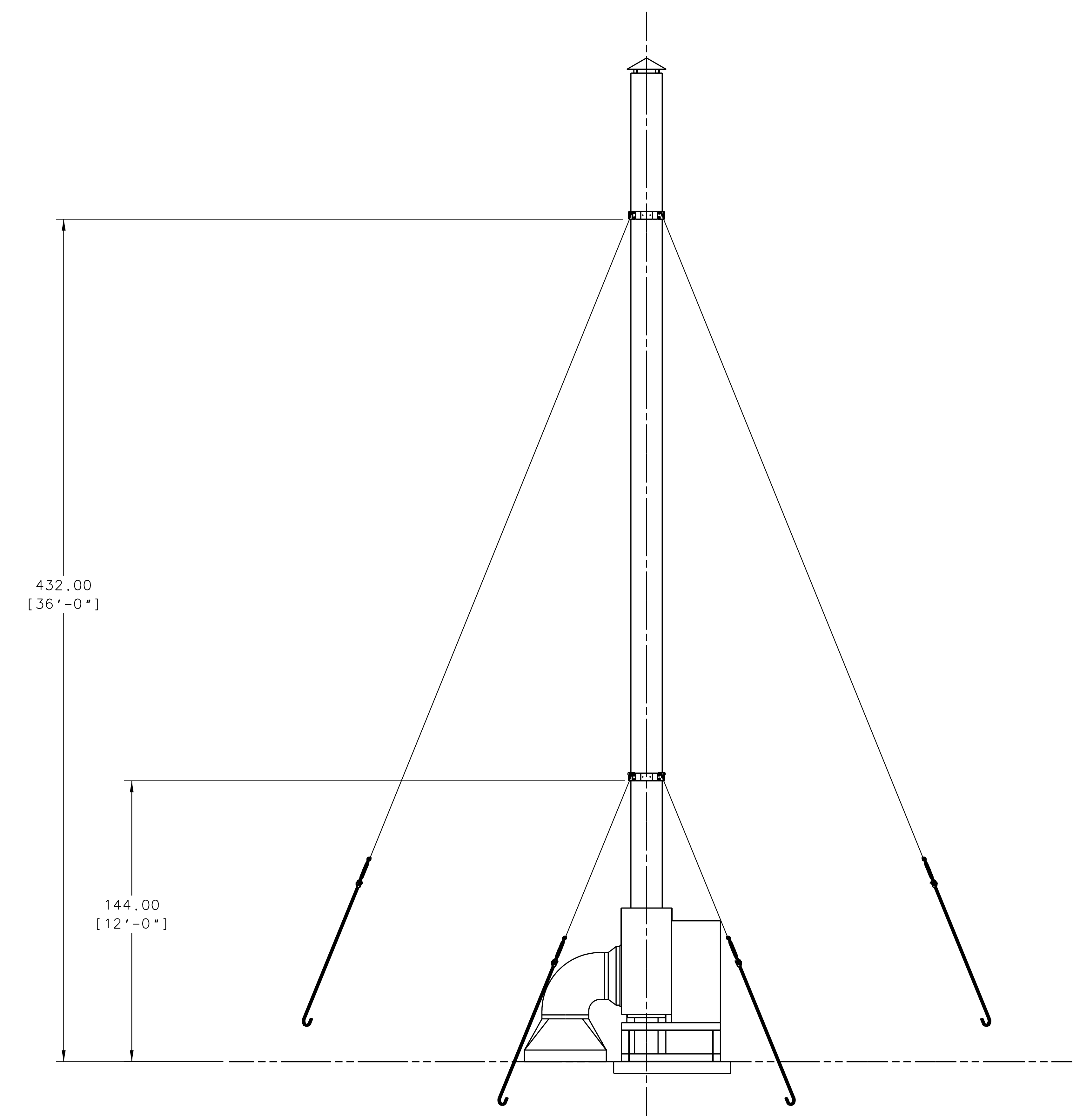


TOP VIEW 2-7F

PRELIMINARY



FRONT VIEW 2-7A



RT SIDE VIEW 2-3A

8 7 6 5 4 3 2 1

DOCUMENT CONTROL STAMP	SIZE (DWG. NO.)	REV.
<b>E</b>	A11112-14-01-0800	-
SCALE	1:32 (SEE DWG. NO. A11112-14-01-0000)	SHEET 2 OF 2