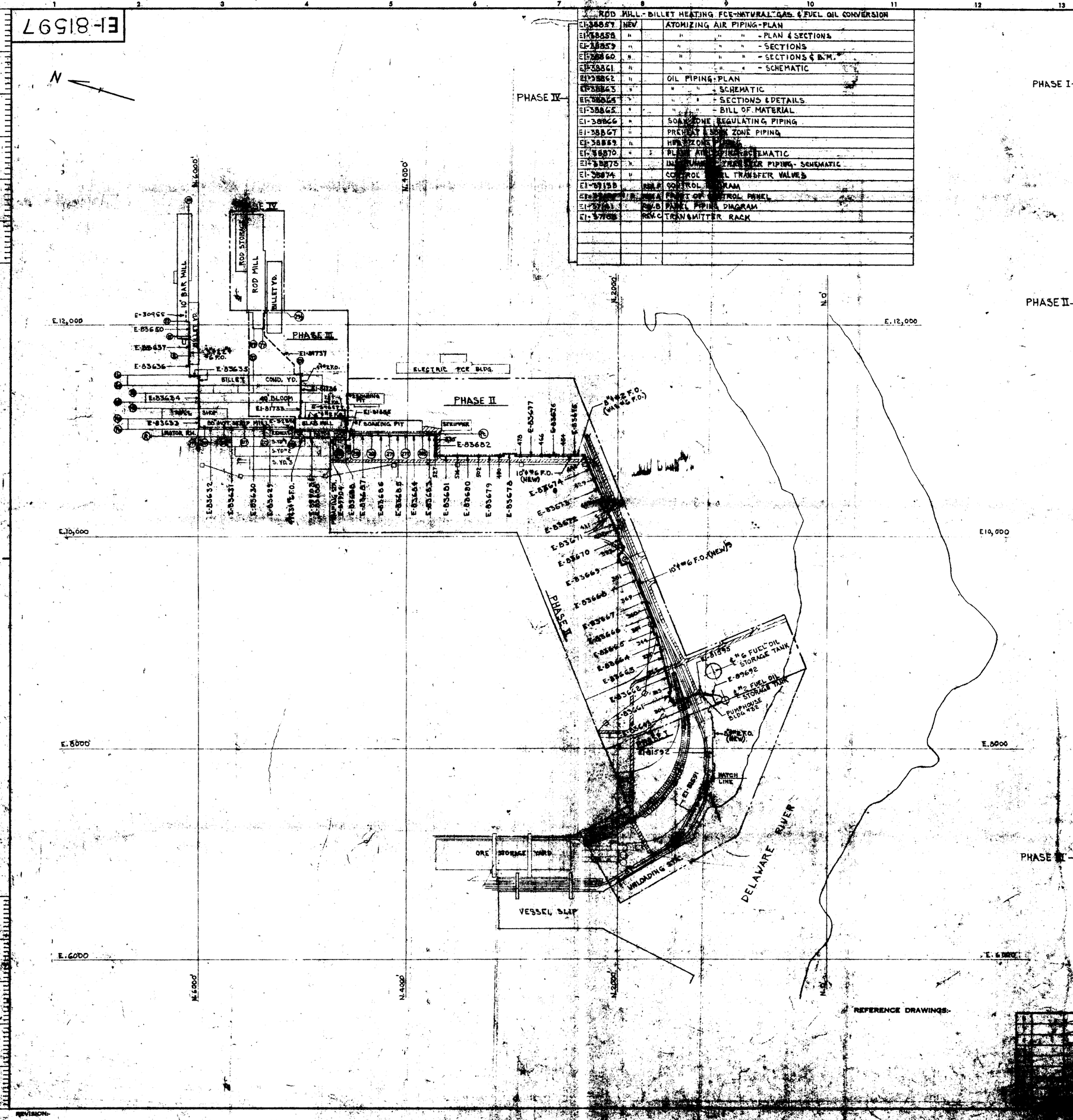
E1-81597



ROD MILL - BILLET HEATING FCE - NATURAL GAS & FUEL OIL CONVERSION			
E1-38857	NEW		ATOMIZING AIR PIPING - PLAN
E1-38858	"		" " " - PLAN & SECTIONS
E1-38859	"		" " " - SECTIONS
E1-38860	"		" " " - SECTIONS & B.M.
E1-38861	"		" " " - SCHEMATIC
E1-38862	"		OIL PIPING - PLAN
E1-38863	"		" " - SCHEMATIC
E1-38864	"		" " - SECTIONS & DETAILS
E1-38865	"		" " - BILL OF MATERIAL
E1-38866	"		SOAKING ZONE REGULATING PIPING
E1-38867	"		PREHEAT & SOAK ZONE PIPING
E1-38869	"		HIGH ZONE PIPING
E1-38870	"		PLANT AIR & [illegible] SCHEMATIC
E1-38875	"		INSTRUMENT [illegible] WATER PIPING - SCHEMATIC
E1-38874	"		CONTROL FUEL TRANSFER VALVES
E1-81590		REV. A	CONTROL DIAGRAM
[illegible]		REV. A	FRONT OF CONTROL PANEL
E1-[illegible]		REV. B	PANEL PIPING DIAGRAM
E1-[illegible]		REV. C	TRANSMITTER RACK

BILL OF MATERIAL

MARK	REQ'D	DESCRIPTION	MATL	REMARKS	WEIGHT EA.	WEIGHT TOT.	ORDER NO.
		LIST OF DRAWINGS					
DWG. NO.	NEW	REV.					
E1-81591	✓	8"&2" F.O. FROM UNLOADING STA. TO 1.0 MIL. GAL. TANK - PLAN					
E1-81592	✓	" " " " " " " " " " - PLAN					
E1-81593	✓	" " " " " " " " " " - DETS.					
E1-81594	✓	" " " " " " " " " " - DETS.					
		10"&#6 FUEL OIL FROM PUMPHOUSE #32 TO PUMPING STA.					
E1-81595	✓	PUMPHOUSE PIPING - #2 F.O. PUMP INSTALLATION					
E1-81596	✓	PIPE SUPPORTS FROM TANK NO. 2 TO PUMP HOUSE #32					
E-89692	4	#2 F.O. PIPING FROM TANK TO PUMP HOUSE #32					
E-83643	1	10"#6 F.O. PIPING FROM PUMP HOUSE TO FND. 304 - N.1458.67 - E.[illegible]					
E-83661	3	" " " " FND. 304 TO FND. 325 - N.1458.43 - E.[illegible]					
E-83662	3	" " " " FND. 325 TO FND. 335 - N.1458.98 - E.[illegible]					
E-83663	2	" " " " FND. 335 TO FND. 335 - N.1548.67 - E.[illegible]					
E-83664	2	" " " " FND. 335 TO FND. 349 - N.1638.37 - E.[illegible]					
E-83665	3	" " " " FND. 349 TO FND. 351 - N.1685.86 - E.[illegible]					
E-83666	2	" " " " FND. 351 TO FND. 360 - N.1741.59 - E.9359.88					
E-83667	2	" " " " FND. 360 TO FND. 369 - N.1798.95 - E.9509.88					
E-83668	2	" " " " FND. 369 TO FND. 381 - N.1875.45 - E.[illegible]					
E-83669	3	" " " " FND. 381 TO FND. 393 - N.1965.43 - E.[illegible]					
E-83670	2	" " " " FND. 393 TO FND. 403 - N.2031.38 - E.10,073.[illegible]					
E-83671	2	" " " " FND. 403 TO FND. 411 - N.2080.72 - E.10,190.[illegible]					
E-83672	3	" " " " FND. 411 TO FND. 419 - N.2157.25 - E.10,[illegible]					
E-83673	2	" " " " FND. 419 TO FND. 429 - N.2230.19 - E.10,[illegible]					
E-83674	2	" " " " FND. 429 TO FND. 442 - N.2306.78 - E.10,[illegible]					
E-83675	2	" " " " FND. 442 TO FND. 454 - N.2509.20 - E.10,[illegible]					
E-83676	2	" " " " FND. 454 TO FND. 466 - N.2709.20 - E.10,[illegible]					
E-83677	2	" " " " FND. 466 TO FND. 478 - N.2909.20 - E.10,[illegible]					
E-83678	2	" " " " FND. 478 TO FND. 490 - N.3109.20 - E.10,[illegible]					
E-83679	2	" " " " FND. 490 TO FND. 502 - N.3309.20 - E.10,[illegible]					
E-83680	2	" " " " FND. 502 TO FND. 514 - N.3509.20 - E.10,[illegible]					
E-83681	2	" " " " FND. 514 TO FND. 527 - N.3751.20 - E.10,[illegible]					
E-83682	2	" " " " FND. 527 TO FND. 535 - N.3755.28 - E.10,[illegible]					
E-83683	2	" " " " FND. 535 TO COL. ROW PC. COL. 203					
E-83684	2	" " " " COL. 203 TO COL. 277					
E-83685	2	" " " " COL. 277 TO COL. 271					
E-83686	2	" " " " COL. 271 TO COL. 265					
E-83687	2	" " " " COL. 265 TO COL. 259					
E-83688	3	" " " " COL. 259 TO COL. 251 & F.O. PUMPING STA.					
E-89904	3	80" SLAB REHEAT FCS. - FUEL OIL PUMPING STA.					
E1-81679	✓	10"&#6 FUEL OIL LINE - PIPE BRACKET DETS.					
E1-81680	✓	" " " " " " " " " "					
E1-81681	✓	" " " " " " " " " "					
E1-81687	✓	1" STEAM TRACER - SCHEMATIC					
E1-81688	✓	" " " " " " " " " "					
		4"&#6 FUEL OIL TO 30" BLOOM MILL					
E1-81685	✓	TIE-IN BETWEEN NEW 10" F.O. & EXIST. 4" LINE & COL. 257a ROW PC.					
E-1705	3	OVERHEAD SERVICE PIPING - COL. 257a ROW PC. TO 10a - COL. 257 [illegible]					
E-1712	3	" " " - SECTIONS					
		4"&3"&#6 FUEL OIL FROM PUMPING STA. TO 80" SLAB REHEAT FCS.					
E-89903	3	80" SLAB REHEAT FCS. - FUEL OIL PIPING ALONG COL. ROW [illegible]					
E-89906	1	" " " " - SECTIONS & HANGERS					
E-89688	3	FUEL OIL SYSTEM - 4"&3" F.O. FROM COL. 251 TO REHEAT FCS.					
E-32797	2	80" SLAB REHEAT FCS. - FUEL OIL SUPPLY					
E-32894	3	" " " " - FUEL OIL SYSTEM					
E-32795	6	" " " " - FUEL OIL PIPING - SCHEMATIC					
		3"&2"&#6 FUEL OIL FROM 80" SLAB REHEAT FCE TO BAR MILL FCE.					
E-83628	2	KEY SHEET					
E-83629	2	COL. ROW Pa COL. 225 TO 235					
E-83630	1	COL. ROW Pa COL. 215 TO 225					
E-83631	1	COL. ROW Pa COL. 209 TO 217					
E-83632	1	COL. ROW Pa COL. 201 TO 209					
E-83633	1	COL. ROW Pa COL. 199 TO 201 & Pa. TO Mb					
E-83634	1	COL. ROW Mb TO COL. ROW Ja COL. 199					
E-83635	1	COL. ROW Ja TO COL. ROW Fb COL. 195 TO 199					
E-83636	1	COL. 195 ROW Fb TO COL. 9, ROW H-H					
E-83637	NO REV.	COL. ROW H-H COL. 9 TO 13					
E-83650	2	COL. ROW H-H COL. 17 TO 21					
E-30955	4	10" CONT. BAR MILL - BOOSTER OIL HEATER & THERMOMETER PIPING					
		#2 FUEL OIL TO ROD MILL					
E1-81733	✓	45" SLAB MILL - COL. 257a ROW PC. TO COL. 239 ROW Ea - PLAN					
E1-81734	✓	" " " " " " " " " "					
E1-81735	✓	" " " " " " " " " "					
E1-81736	✓	PIPING IN BILLET MILL - COL. 235 ROW Ja TO Ma					
E1-81737	✓	PIPING FROM BILLET MILL TO ROD MILL - PLAN & [illegible]					
E1-81738	✓	PIPE SUPPORTS, [illegible] - DETAILS & BM					

MAINTENANCE & UTILITIES DIVISION
FUEL OIL SYSTEM
CONVERSION OF NATURAL GAS TO FUEL OIL
KEY SHEET

United States Steel Corporation
Fairless Works
Fairless Hills, Pennsylvania

REFERENCE DRAWINGS:-

REVISIONS:-