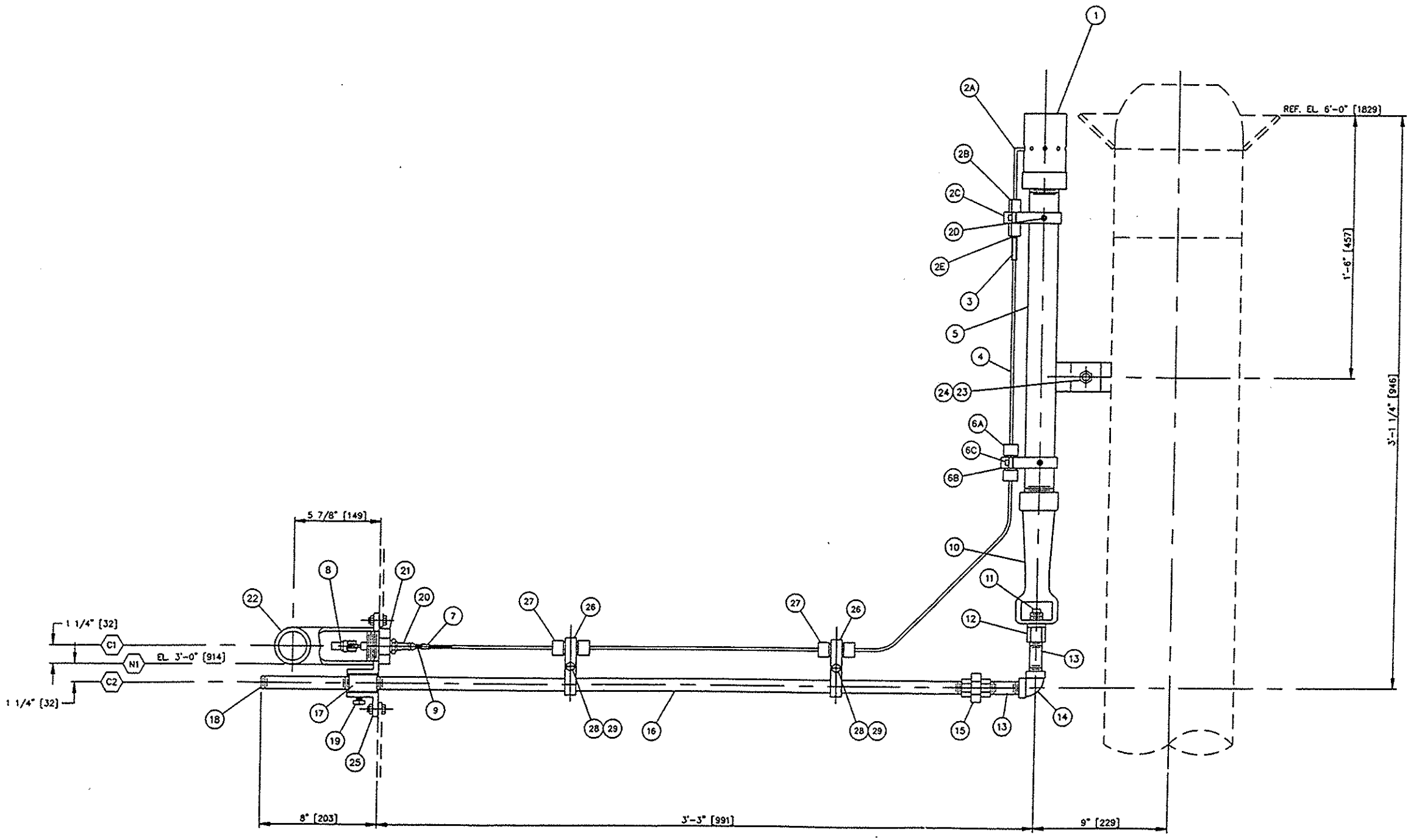

SIDE ELEVATION

(1 REQ'D. TAG : 30-102-1)

(MAT'L CODE 374) BILL OF MATERIAL (1 REQ'D.)

	ITEM	QTY.	DESCRIPTION	MAT'L
*	1	1	PILOT TIP W/ SHIELD-PART NO. B-STD-0193	309 SS
	2	1	IGNITION ROD ASS'Y -PART NO. C-STD-0125-10	
*	2A	1	IGNITION ROD-PART NO. B-STD-0124	304 SS
*	2B	1	INSULATOR-PART NO. B-STD-0122	CERAMIC
	2C	1	INSULATOR BRACKET-PART NO. B-STD-0121	C.I.
	2D	2	HEX SOCKET SCEW 10-24 UNC	C.S.
	2E	1	HEX NUT 10-32 UNF	304 SS
	3	1	COUPLING NUT-PART NO. B-STD-0106	416 SS
	4	1	ALL THREAD 10-32 UNF x 4'-11" LG.	304 SS
	5	1	PILOT NIPPLE ASS'Y / 20-103	304 SS
	6	1	INSULATOR ASS'Y-PART NO. C-STD-0125-20	
*	6A	1	INSULATOR-PART NO. B-STD-0123	CERAMIC
	6B	1	INSULATOR BRACKET-PART NO. B-STD-0121	C.I.
	6C	2	HEX SOCKET SCREW 10-24 UNC	C.S
	7	1	TERMINAL NUT ITCO NO. IT-1032	C.S.
	8	1	TERMINAL ITCO NO. ITS-33	C.S.
	9	1	SNAP ON TERMINAL NUT ITCO NO. ITR-832	
	10	1	GAS/AIR MIXER-PART NO. B-STD-0054	C.I.
*	11	1	GAS ORIFICE-PART NO. B-STD-0036 (DRILL NO. 54 MTD)	304 SS
	12	1	ORIFICE HOLDER-PART NO. B-STD-0058-2 1/4"	A-36
	13	2	PIPE NIPPLE,1/2" SCH. 80 SMLS x 3" LG. (TBE)	SA-1068
	14	1	ELBOW , 1/2"-2000 LB 90 F.S. SCR'D.	SA-105
	15	1	UNION , 1/2"-3000 LB F.S. SCR'D. , G.J.	SA-105
	16	1	PIPE , 1/2" SCH. 80 SMLS x 2'-11" LG. (TBE)	SA-1068
	17	1	CPLG. , 1/2"-3000 LB F.S. SCR'D.	SA-105
	18	1	PIPE , 1/2" SCH. 80 SMLS x 6 1/2" LG. (TBE)	SA-1068
	19	1	SO. HEAD SETSCREW , 3/8" ø x 1" LG. (CUP POINT)	A-307
*	20	1	SPARK PLUG-PART NO. B-STD-0115	
	21	1	HEX HEAD BUSHING , 1 1/2" x 1/2" - 6000 LB. F.S. SCR'D	SA-105
	22	1	SERVICE ELBOW C-H NO. SLB-5	ALUM.
	23	1	HEX HEAD BOLT , 1/2" ø x 1 1/2" LG.	A-307 GALV.
	24	1	HEX NUT , 1/2" ø	A-307 GALV.
	25	1	PILOT MTG. PLATE-PART NO. C-STD-0018	C.I.
	26	2	PL 1/2" x 1 1/2" x 4" LG. / B-STD-0165	A-36
	27	2	INSULATOR - PART NO. B-STD-0123	CERAMIC
	28	2	HEX HEAD BOLT , 1/4" ø x 2" LG.	A-307 GALV.
	29	2	HEX NUT , 1/4" ø	A-307 GALV.

NOZZLE LEGEND

MK.	QTY.	DESCRIPTION
N1	1	PILOT MTG. 5" x 2 1/4" [127 x 57] OPENING
C1	1	CONDUIT CONN. 1 1/2" FNPT
C2	1	PILOT GAS CONN 1/2" MNPT

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APPROVED FOR
CONSTRUCTION

120569

SHOP CODE: 474

Notes :

1: FOR GASSES OTHER THAN PROPANE GAS ITEM NO. 11 MUST BE RESIZED
2: * RECOMMENDED SPARE PARTS
3: DIMENSIONS IN [ ] ARE MILLIMETERS
4: TAG NO.'S TO BE PRECEDED BY McGILL JOB NO.
5: INSULATORS TO BE SPACED 1'-6" [457] MAX.

No.	Date	By	Chk'd	App'd	Description
					Revisions

Dwg. No.	Subject
	Reference Drawings

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Customer B.F.I.

Drawn S.F.
Date 2/27/91
Scale 3"=1'-0"
Checked DAVID HARRISON
App'd

EGF FLARE PILOT ASS'Y
(FOR 8'-0" O.D. FLARE STACK)

IT McGill Pollution Control Systems
Tulsa, Oklahoma DATE PLOTTED 2/27/91

P.O. No. 9539
Revision No. 0
Drawing No. D-120575-30-102
Sheet 1 of 1