

* SUPERSTRUCTURE

STRAIGHT BARS				BENT BARS			
MARK	QUAN.	SIZE	LENGTH	MARK	QUAN.	SIZE	LENGTH
RL1	24	6	11'-7"	RO1	518	3	3'-6"
RL2	204	6	9'-9"	RO2	80	3	4'-6"
				RP2	320	7	7'-0"
SL1	320	4	39'-11"	RP3	320	4	4'-0"
SL2	96	5	9'-6"	RU	320	3	5'-2"
SL3	104	6	49'-8"	SU	200	5	4'-5"
SL4	200	7	33'-0"				
SL5	52	6	40'-0"	AD4	84	5	11'-0"
ST1 ⊗	746	5	31'-8"	AD5	28	5	7'-0"
SB1 ⊗	746	5	31'-8"	AD7	56	5	3'-3"
				AD8	112	5	7'-11"
AD3	8	5	8'-1"	AD9	8	5	16'-6"
AD6	144	5	3'-1"	AD11	8	5	11'-4"
AD10	8	5	16'-3"	AD12	8	5	11'-6"
AD14	8	5	16'-11"	AD13	8	5	17'-4"
AD17	4	5	2'-7"	AD15	8	5	10'-11"
AD18	12	5	3'-5"	AD16	8	5	11'-0"
AD19	12	5	6'-3"	AD21	28	6	4'-3"
AD20	36	5	7'-10"	AD23	32	5	3'-7"
AD22	14	6	4'-0"				
AD24	28	5	32'-6"	AP6	8	5	8'-6"
AD25	8	5	32'-6"				
				PD4	84	5	15'-6"
AP1	72	5	3'-0"	PD5	16	8	4'-11"
AP2	32	5	⊙				
AP3	40	5	3'-2"				
AP4	16	5	8'-3"				
AP5	8	5	7'-5"				
PD2	24	5	6'-3"				
PD3	72	5	7'-11"				
PD6	40	8	4'-6"				

⊙ Increase from 1'-10" to 3'-1 1/2" by 5 1/8" increments.
(Cut 8 Each Length).

⊗ Conform to Grade.

* ABUTMENT (TWO THUS)

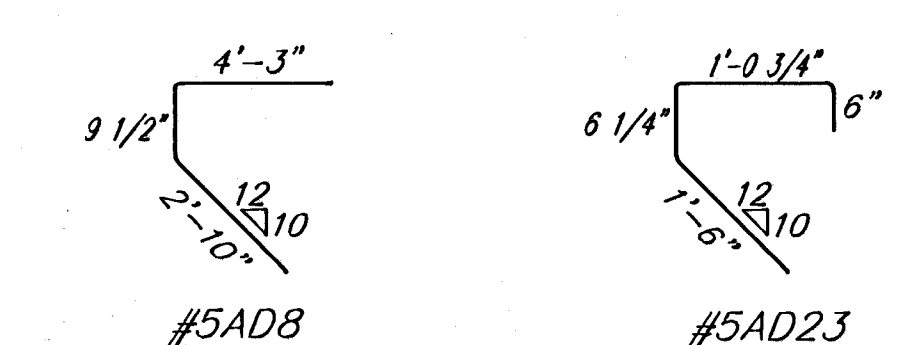
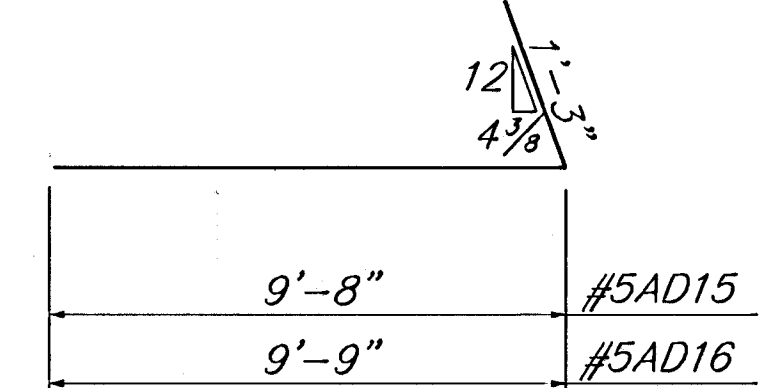
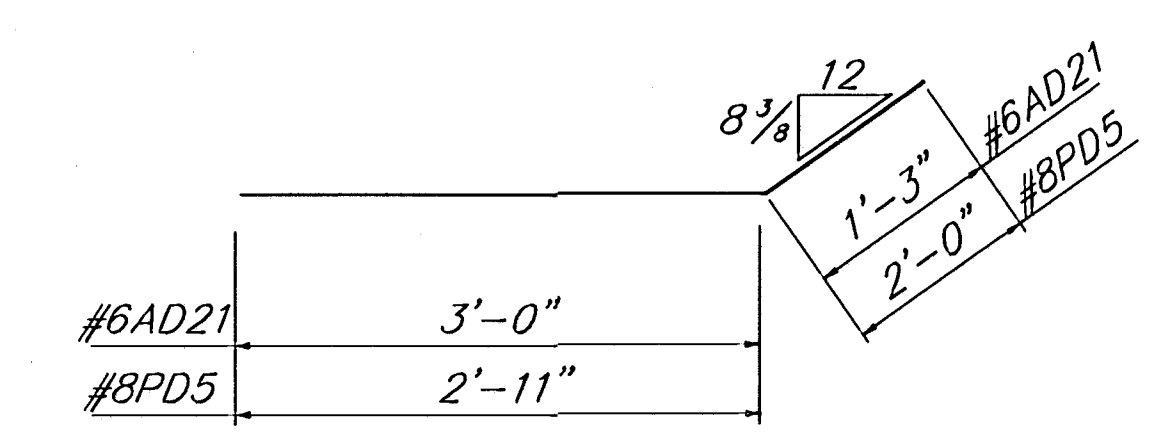
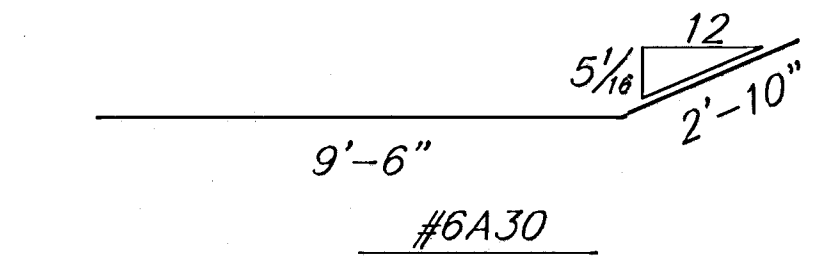
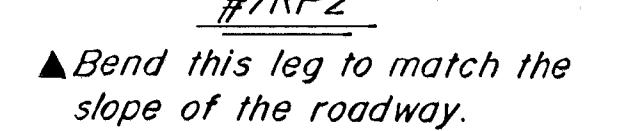
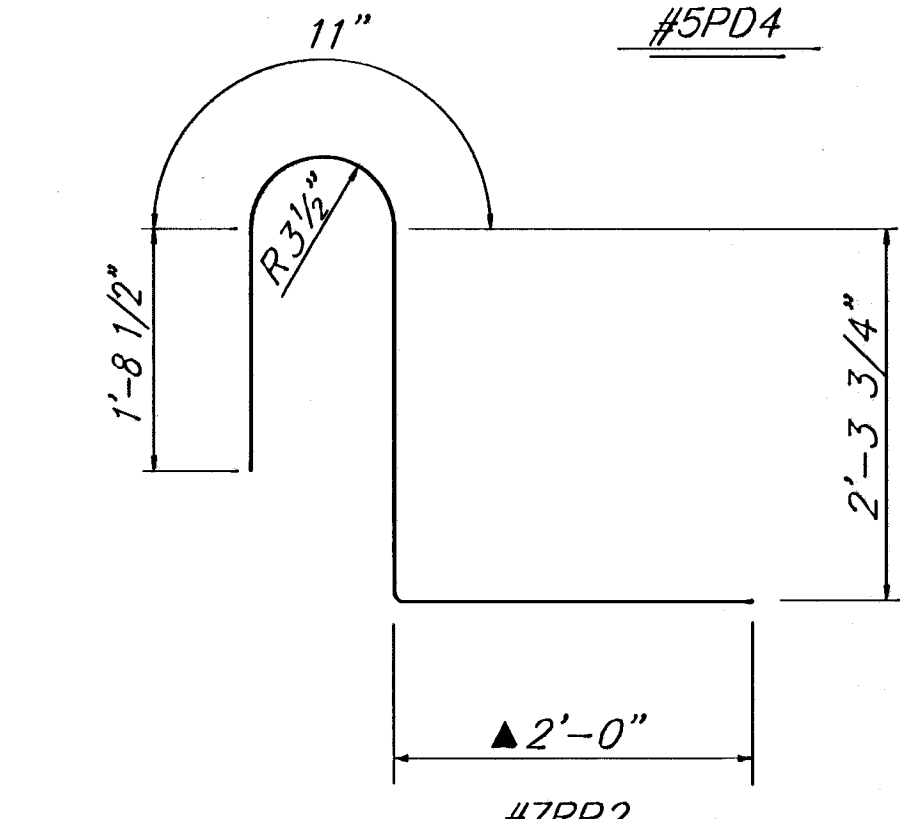
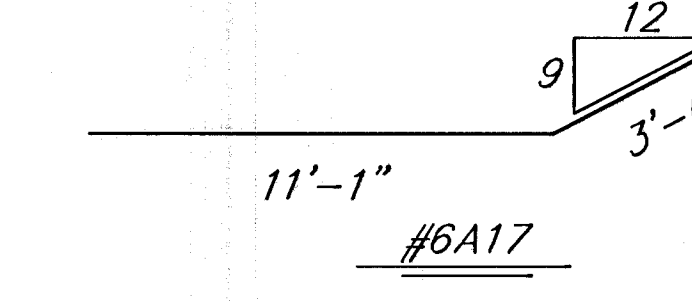
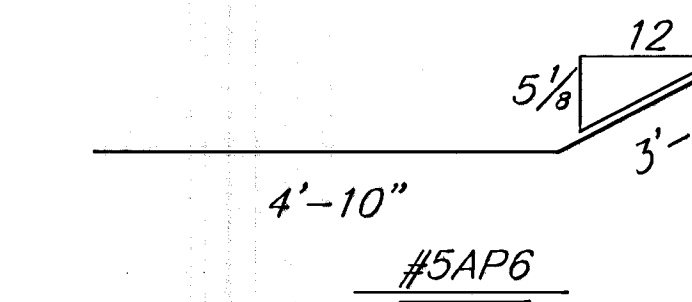
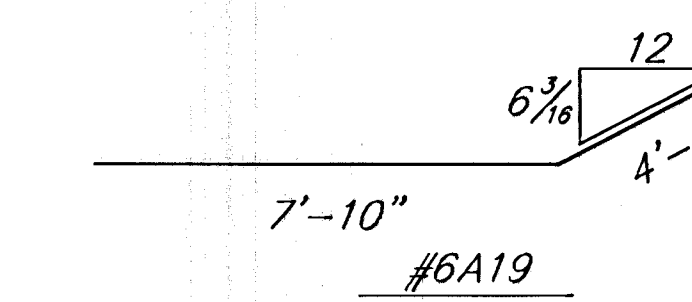
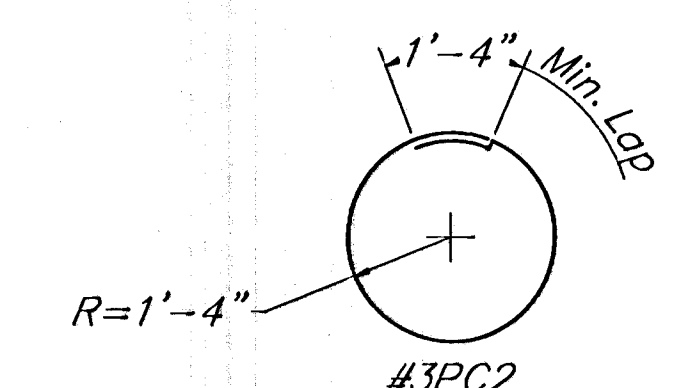
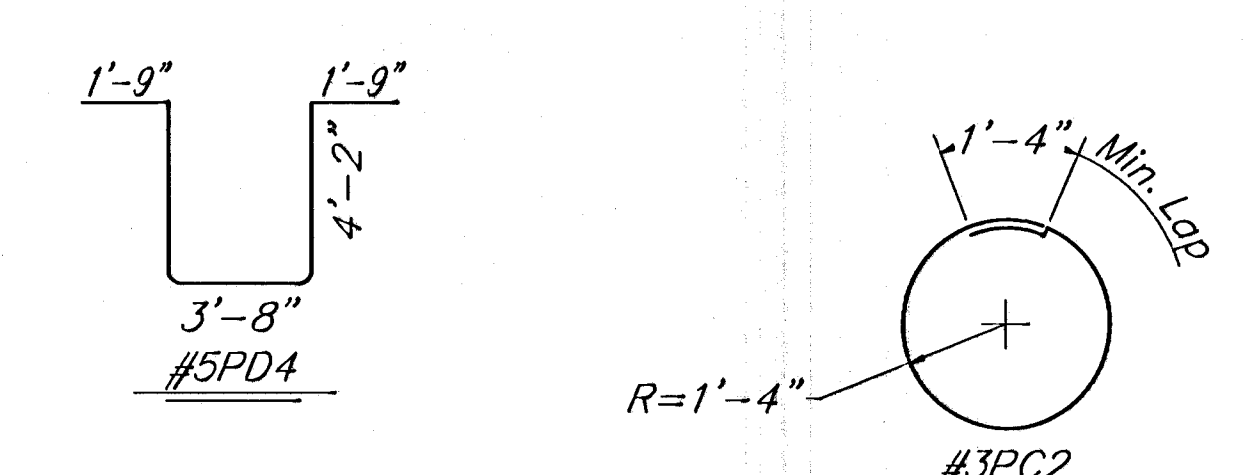
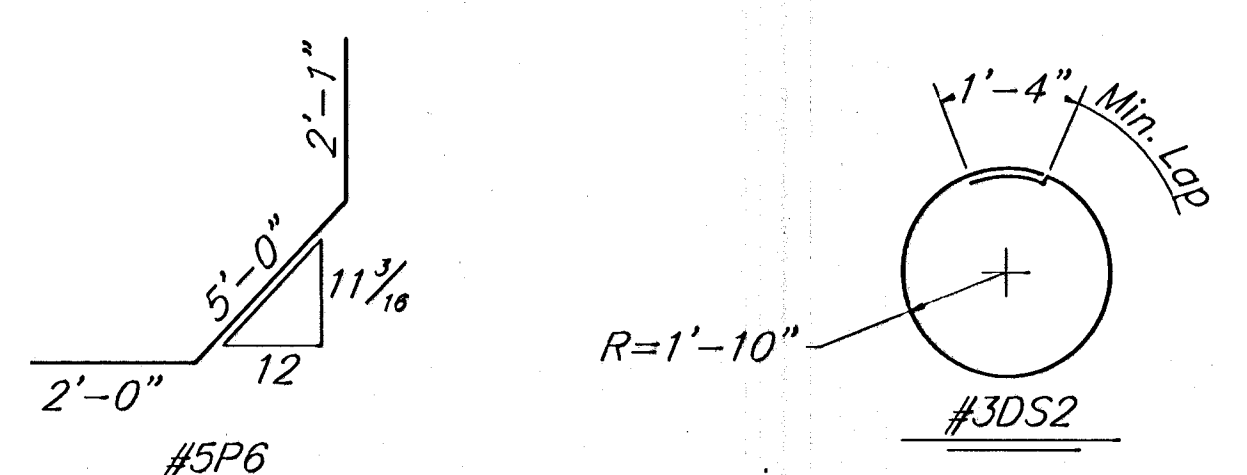
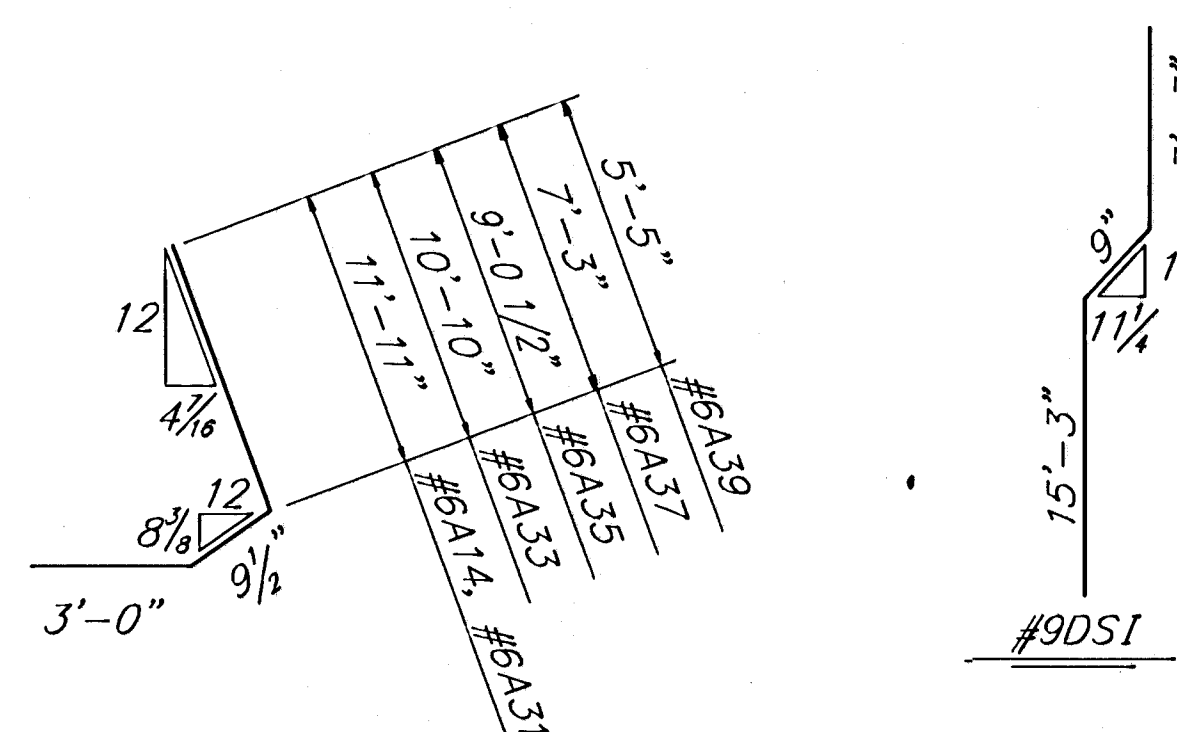
STRAIGHT BARS				BENT BARS			
MARK	QUAN.	SIZE	LENGTH	MARK	QUAN.	SIZE	LENGTH
A1	18	6	41'-6"	A2	5	6	13'-2"
A8	12	5	41'-6"	A3	1	6	12'-2"
A9	4	5	9'-2"	A4	1	6	13'-3"
A10	2	5	8'-2"	A5	1	6	13'-6"
A11	2	5	9'-11"	A6	1	6	13'-9"
A12	1	9	11'-8"	A7	1	6	13'-11"
A13	3	6	11'-10"	A14	1	6	15'-9"
A15	1	9	14'-0"	A17	1	6	14'-1"
A16	2	6	13'-0"	A18	1	6	14'-2"
A21	2	7	14'-0"	A19	4	6	12'-0"
A23	1	7	13'-0"	A20	2	6	14'-2"
A25	1	7	11'-8"	A22	1	6	13'-4"
A27	1	7	10'-2"	A24	1	6	11'-10"
A29	1	7	8'-8"	A26	1	6	10'-5"
A32	2	7	11'-8"	A28	1	6	8'-11"
A34	1	7	10'-7"	A30	4	6	12'-4"
A36	1	7	8'-10"	A31	2	6	15'-9"
A38	1	7	7'-0"	A33	1	6	14'-8"
A40	1	7	5'-2"	A35	1	6	12'-10"
AD1	146	6	4'-0"	A37	1	6	11'-1"
AD2	32	5	4'-0"	A39	1	6	9'-3"
				A0	30	4	11'-0"
				AU1	51	4	9'-10"
				AU2	63	4	7'-0"
				AU3	12	4	13'-8"
				AU4	4	4	△
				AU5	4	4	△
				AU6	7	4	△
				AU7	7	4	△
				AU8	9	4	△
				AU9	9	4	△

$\triangle$ See bar bending diagram.

PIER NO. 1 & 2 (TWO THUS)

STRAIGHT BARS				BENT BARS			
MARK	QUAN.	SIZE	LENGTH	MARK	QUAN.	SIZE	LENGTH
P1	14	8	34'-0"	P5	10	7	△
P2	14	8	36'-9"	P6	10	5	9'-1"
P3	4	7	38'-4"	P7	4	4	6'-8"
P4	4	7	39'-8"	PU1	92	4	7'-4"
P8	7	8	18'-0"	PU2	70	4	10'-8"
P9	2	5	4'-1"	PU3	12	4	14'-0"
P10	2	5	6'-10"	PU4	10	4	△
P11	2	5	9'-2"	PC2	85	3	9'-9"
PC1	85	7	20'-0"	● DS1	85	9	19'-3"
* PD1	84	6	4'-0"	● DS2	85	3	12'-11"

△ See bar bending diagram.
 ● For information only; not included in steel quantities.



#5AD11	10'-1"
#5AD12	10'-3"
#6A18, #6A20	3'-0"
#6A22	3'-0"
#6A24	3'-0"
#6A26	3'-0"
#6A28	3'-0"

4'-0"	#5AD5
2'-0"	#4RP3
Λ	#7P5
9'-11"	#6A7
9'-9"	#6A6
9'-6"	#6A5
9'-3"	#6A4
8'-2"	#6A3
9'-2"	#6A2

[illegible]

*X Increase from 1'-11" to 4'-9"
by 8 1/2" increment.*

#7P5, #6A6	4'-0"
#6A7, #6A5	4'-0"
#6A4	4'-0"
#6A3	4'-0"
#5AD5	3'-0"
#4RP3 ▲	2'-0"
#6A2	4'-0"

Δ increase from 6'-10" to 9'-2"
by 7" increment.

		3'-7"	2'-2"	5'-6"	5'-6"	2'-2"	**	1'-9"	z
#4AU1	2'-8"	#4AU1	#4AU2	#4AU3	#4AU4	#4AU5	#4AU6	#4AU7	#4AU8
#4AU2	2'-8"								
#4AU3	2'-8"								
#4AU4	∅								
#4AU5	∅								
#4AU6	**								
#4AU7	**								
#4AU8	≠								
#4AU9	≠								

∅ Increase from
by 2" increment

** Increase from
by 2" increment

*** Increase from
6 5/16" increment

≠ Increase from

- Ø Increase from 2'-4 1/2" to 2'-10 1/2" by 2" increment.
- ** Increase from 1'-2 1/2" to 2'-2 1/2" by 2" increment.
- *** Increase from 1'-9" to 4'-10 7/8" by 6 5/16" increment.
- ≠ Increase from 1'-2 1/2" to 2'-6 1/2" by 2" increment.
- ≥ Increase from 1'-9" to 5'-1 1/2" by 5 1/8" increment.

Diagram of a square duct with dimensions and labels:

- Top horizontal dimension: 4"
- Right vertical dimension: 4"
- Bottom horizontal dimension: 2'-7"
- Left vertical dimension: 2'-7"
- Internal horizontal dimension: 6"
- Internal vertical dimension: 8"
- Labels on the left: #4A0, #3R01, #3R02
- Labels on the right: #4A0, #3R01, #3R02

