

SIZE TO MAKE TEXT IN MODEL SPACE TO EQUAL
3/32” TALL IN PAPER SPACE

PAPER SPACE	VIEWPORT	CONVERSION	MODEL SPACE
TEXT HT 3/32”	SCALE	SCALE	TEXT HT (IN)
3/32	1” = 40’	480	45
3/32	1” = 30’	360	33.75
3/32	1"= 20’	240	22.5
3/32	1"= 10’	120	11.25
3/32	1/16” = 1’-0”	192	18
3/32	⅛” = 1’-0”	96	9
3/32	3/16” = 1’-0”	64	6
3/32	¼"= 1’-0”	48	4.5
3/32	⅜"= 1’-0”	32	3
3/32	½"= 1’-0”	24	2.25
3/32	¾"= 1’-0”	16	1.5
3/32	1” = 1’-0”	12	1.125
3/32	1" = 6”	6	0.5625
3/32	1" = 3”	3	0.28125

RATIO			SCALE
1		480	480
1		360	360
1	=	240	240
1	=	120	120
1	/	16	192
1	/	8	96
3	/	16	64
1	/	4	48
3	/	8	32
1	/	2	24
5	/	8	19.2
3	/	4	16
1	/	1	12

ROOF PITCH	
PITCH	DEGREE
1	4.763641691
2	9.462322208
3	14.03624347
4	18.43494882
5	22.61986495
6	26.56505118
7	30.25643716
8	33.69006753
9	36.86989765
10	39.80557109
11	42.51044708
12	45
14	49.39870535
16	53.13010235
18	56.30993247
20	59.03624347
24	63.43494882

FRACTION - DECIMAL TABLE

1/64	0.01563	13/64	0.20313	25/64	0.39063	9/16	0.56250	3/4	0.75000	15/16	0.93750
1/32	0.03125	7/32	0.21875	13/32	0.40625	37/64	0.57813	49/64	0.76563	61/64	0.95313
3/64	0.04688	15/64	0.23438	27/64	0.42188	19/32	0.59375	25/32	0.78125	31/32	0.96875
1/16	0.06250	1/4	0.25000	7/16	0.43750	39/64	0.60938	51/64	0.79688	63/64	0.98438
5/64	0.07813	17/64	0.26563	29/64	0.45313	5/8	0.62500	13/16	0.81250	1	1.00000
3/32	0.09375	9/32	0.28125	15/32	0.46875	41/64	0.64063	53/64	0.82813		
7/64	0.10938	19/64	0.29688	31/64	0.48438	21/32	0.65625	27/32	0.84375		
1/8	0.12500	5/16	0.31250	1/2	0.50000	43/64	0.67188	55/64	0.85938		
9/64	0.14063	21/64	0.32813	33/64	0.51563	11/16	0.68750	7/8	0.87500		
5/32	0.15625	11/32	0.34375	17/32	0.53125	45/64	0.70313	57/64	0.89063		
11/64	0.17188	23/64	0.35938	35/64	0.54688	23/32	0.71875	29/32	0.90625		
3/16	0.18750	3/8	0.37500	9/16	0.56250	47/64	0.73438	59/64	0.92188		

DISCIPLINE DESIGNATOR

- A Architectural
- B Geotechnical
- C Civil
- D Process
- DE Demolition
- E Electrical
- EV Environmental
- F Fire Protection
- G General
- H Hazardous Materials
- I Interiors
- J User Defined
- K User Defined
- L Landscape
- M Mechanical
- ME Mechanical Controls
- N User Defined
- O Operations
- P Plumbing
- Q Equipment
- R Resource
- S Structural
- SD Site
- T Telecommunications
- TA Audio Visual
- TC Clock and Program
- TI Intercom
- TJ User Defined
- TK User Defined
- TM Monitoring
- TN Data Networks
- TT Telephone
- TY Security
- U University
- V Survey/ Mapping
- W Civil Works
- X Other Disciplines
- Y User Defined
- Z Contractor/Shop Drawings

EXAMPLES:

AZ-112

ARCHITECTURAL, REDRAW
FIRST FLOOR FRAMING, SHEET 112

G-001

GENERAL, COVER, SHEET 001

NUMBER DESIGNATOR - RESIDENTIAL

PAGE	DESCRIPTION	SCALE (TYP ARCH D)	CA
G-001	COVER PAGE	NTS	A1
G-002	GENERAL	NTS	A2
A-001	SPECIFICATIONS	NTS	A3
A-010	SITE PLAN	1” = 30’, 40’	A4
A-011	FOUNDATION PLAN	¼” = 1’-0”	A5
A-101	BASEMENT PLAN	¼” = 1’-0”	A6
A-102	BASEMENT FRAMING	¼” = 1’-0”	A7
A-111	FIRST FLOOR PLAN	¼” = 1’-0”	A8
A-112	FIRST FLOOR FRAMING	¼” = 1’-0”	A9
A-121	SECOND FLOOR PLAN	¼” = 1’-0”	A10
A-122	SECOND FLOOR FRAMING	¼” = 1’-0”	A11
A-201	EXTERIOR ELEVATIONS (FR/ RT)	¼” = 1’-0”	A12
A-202	EXTERIOR ELEVATIONS (LF/ RR)	¼” = 1’-0”	A13
A-301	BUILDING SECTIONS	¼” = 1’-0”	A14
A-302	BUILDING SECTIONS (AS NEEDED)	¼” = 1’-0”	A15
A-501	DETAILS	SPECIFIED	A16
A-502	DETAILS (AS NEEDED)	SPECIFIED	A17
A-601	SCHEDULES	NTS	A18
A-602	WAC 51-50 1203 CODES	NTS	A19
A-603	WSEC ENERGY CREDITS	NTS	A20
A-604	IRC CODES	NTS	A21
A-801	ROOF PLAN	¼” = 1’-0”	A22
A-802	ROOF PRODUCTION (AS NEEDED)	¼” = 1’-0”	A23

NUMBER DESIGNATOR - COMMERCIAL

- (G) 000 COVER PAGE
- (G) 001 - 009 GENERAL (symbols legend, notes, etc.)
- (A) 010 - 199 PLANS (plan views)
- (A) 200 - 299 ELEVATIONS (vertical views)
- (A) 300 - 399 SECTIONS (sectional views, wall sections)
- (A) 400 - 499 CUSTOM VIEWS (Roof, stair details)
- (A) 500 - 599 DETAILS
- (A) 600 - 699 SCHEDULES and DIAGRAMS
- (A) 700 - 799 User Defined
- (A) 800 - 899 User Defined (ROOF)
- (A) 900 - 999 3D (isometrics, perspectives, photographs)
- (S) ENGINEERING