ENGINEERING DRAWING STANDARDS

DRAWING SIZES

STANDARD DRAWING SIZES
BASIS FOR SIZES

METRIC DRAWING SIZES ARE BASED ON THE A0 SIZE, HAVING AN AREA OF ONE SQUARE METRE, AND A LENGTH–TO–WIDTH RATIO OF ONE TO ROOT TWO. EACH SMALLER SIZE HAS AN AREA OF ONE HALF OF THE PRECEDING SIZE, AND THE LENGTH–TO–WIDTH RATIO REMAINS CONSTANT.

INSIDE BORDER: THE INSIDE BORDER ENCLOSES THE WORKING AREA, INCLUDING THE TITLE BLOCK AND OTHER TABLES.

TRIMMED SIZE: TRIMMED SIZE IS THE NOMINAL SIZE OF THE DRAWING WHICH INCLUDES A MARGIN OUTSIDE THE BORDER, AND IS THE SIZE TO WHICH THE FINISHED PRINTS ARE TRIMMED.

LAYOUT NAME	DRAWING SIZE	MILLIMETRES			
		TRIMMED SIZE		INSIDE BORDER	
		Y	V	X	W
	A3* A2* A0*	297 420 841	420 594 1189	277 400 821	400 574 1169
A1 A1+	A1 A1+	594 594	841 1189	574 574	821 1169

* FOR LEGAL PLANS

NOTE:
WHEN DRAWINGS LARGER THAN A0 ARE REQUIRED, THE DRAWINGS SHALL HAVE A WIDTH (Y) OF 841 mm AND A LENGTH IN INCREMENTS OF 210 mm

NOTE:
ALL ENGINEERING DESIGN DRAWINGS ARE TO BE CREATED USING A–1 SIZE SHEET. STANDARD DRAWING SIZES ARE INCLUDED IN HRMTEMPLATE.dwt.

HALIFAX

DRAWING STANDARDS

STANDARD DRAWING SIZES

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 01

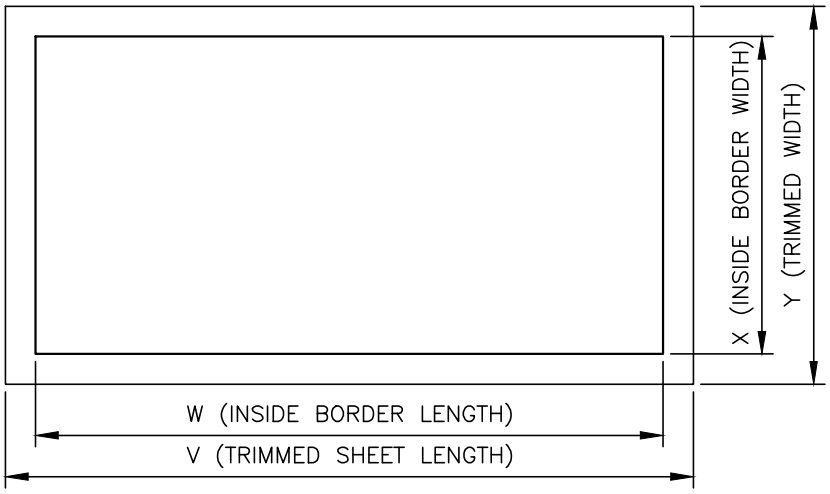


FIGURE 1

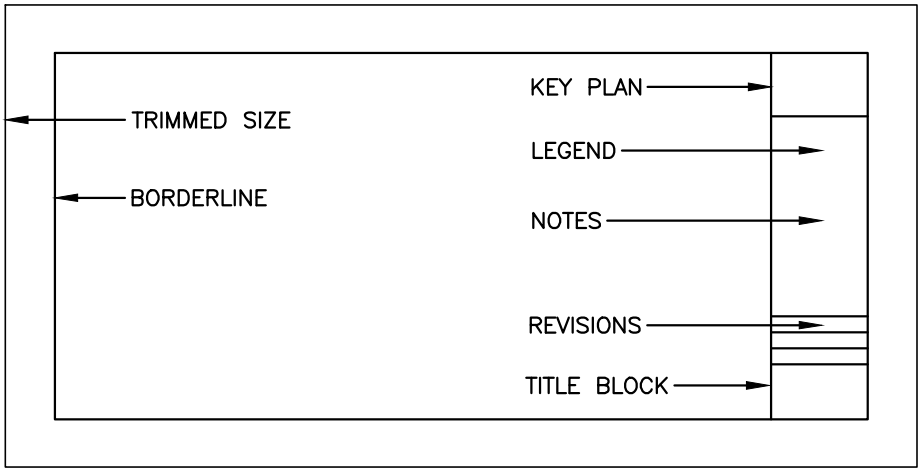


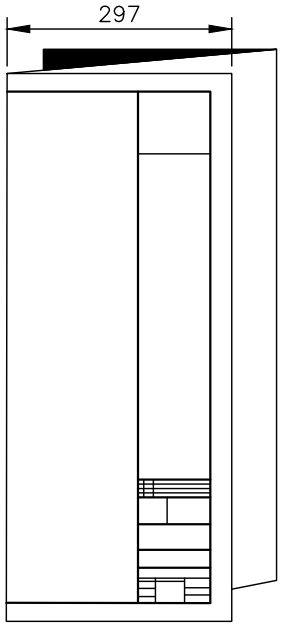
FIGURE 2

HALIFAX

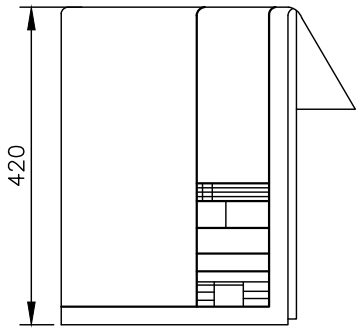
DRAWING STANDARDS

DRAWING SHEETS FORMAT FOR SIZES AND LAYOUT

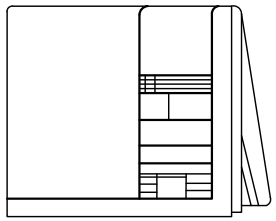
DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 02



FOLD 1 & 2

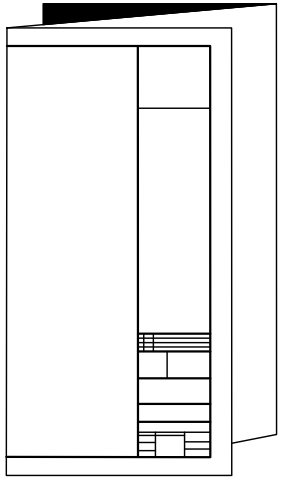


FOLD 3

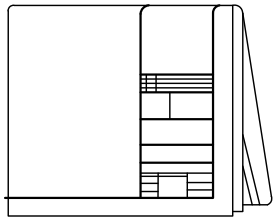


FOLD 4

SIZE A1, A1+ & A0

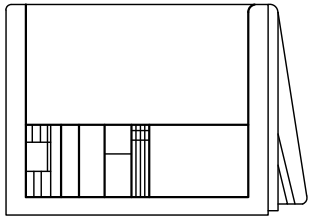


FOLD 1



FOLD 2

SIZE A2



SIZE A3

FOLDING OF PRINTS:

1. TO FACILITATE HANDLING, MAILING, AND FILING, PRINTS SHOULD BE FOLDED TO 210 x 297 IN SUCH A WAY THAT THE TITLE BLOCK AND AUXILIARY NUMBER WILL ALWAYS APPEAR ON THE FRONT FACE, AND THE LAST FOLD WILL ALWAYS BE AT THE TOP. IN FILING, THIS PREVENTS OTHER DRAWINGS FROM BEING PUSHED IN THE FOLDS OF FILED PRINTS.
2. METHODS OF FOLDING PRINTS AS ILLUSTRATED PRINTS LARGER THAN A2 ARE FOLDED IN VERTICAL FOLDS ON 297 CENTRES THEN FOLDED AT 420 FROM THE LOWER EDGE.
3. ON PREPRINTED FORMS LARGER THAN SIZE A2 IT IS RECOMMENDED THAT FOLD MARKS FOR THE FIRST VERTICAL AND HORIZONTAL FOLDS BE INCLUDED IN THE MARGIN, AND IDENTIFIED BY NUMBER, FOR EXAMPLE, 'FOLD 1', 'FOLD 3'. IN ZONED PRINTS THE FOLD LINES WILL COINCIDE WITH ZONE BOUNDARIES BUT SHOULD NEVERTHELESS BE IDENTIFIED.
4. TO AVOID LOSS OF CLARITY BY FREQUENT FOLDING, IMPORTANT DETAILS SHOULD NOT BE PLACED IN CLOSE PROXIMITY TO FOLD.
5. DIMENSIONS ARE IN MILLIMETRES.

HALIFAX

DRAWING STANDARDS

FOLDING OF PAPER PRINTS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 03

NOTES:

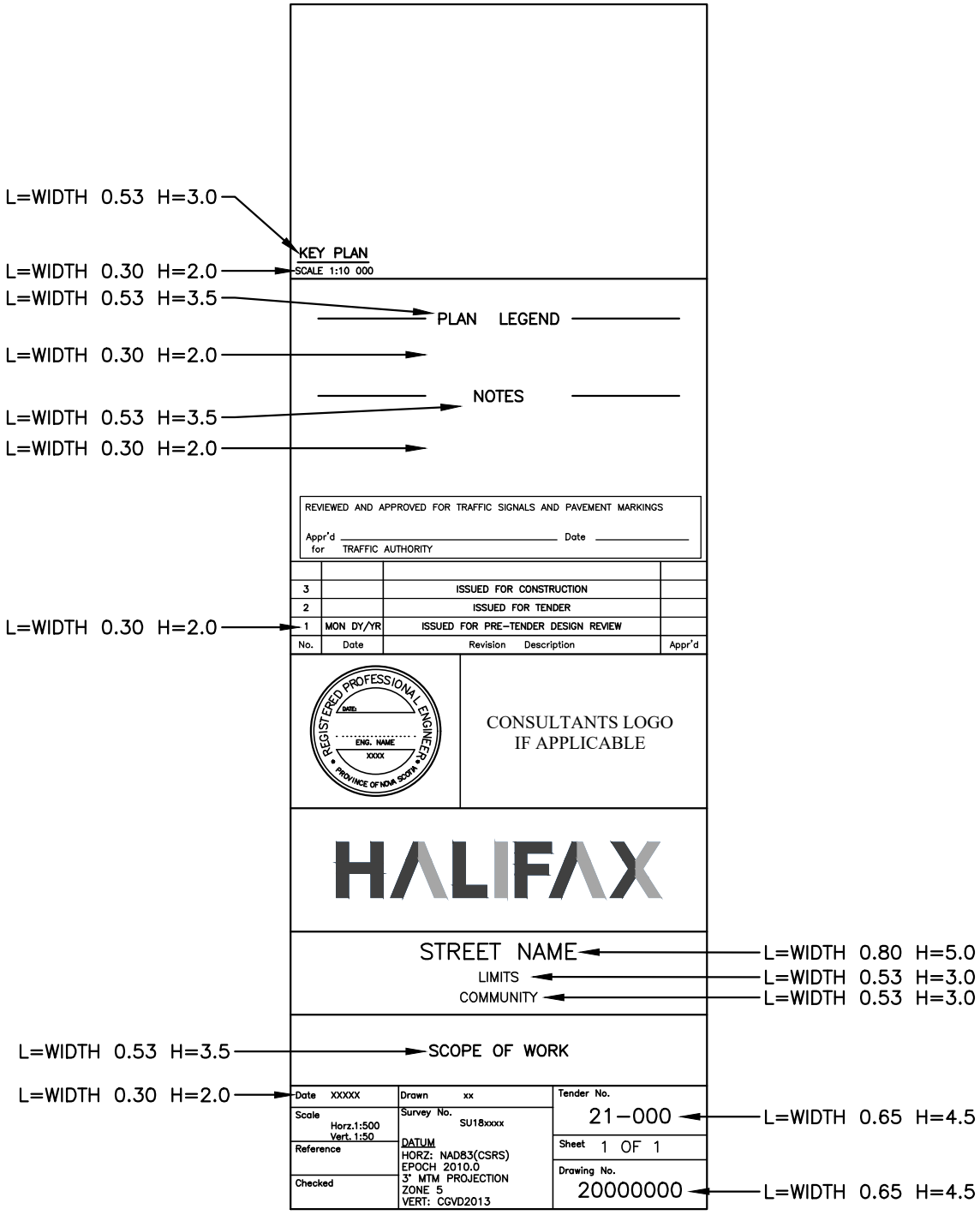
1. TITLE BLOCK FOR SHEETS A1 AND A1+.
2. DIMENSIONS ARE IN METRES.

HALIFAX

DRAWING STANDARDS

TITLE BLOCK – TYPE I SHOWING BLOCK DIMENSIONS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 04



NOTES:

H=HEIGHT
L=LAYER

1. ALL TEXT TO BE OF THE STYLE "ROMANS" EXCEPT WHERE NOTED.

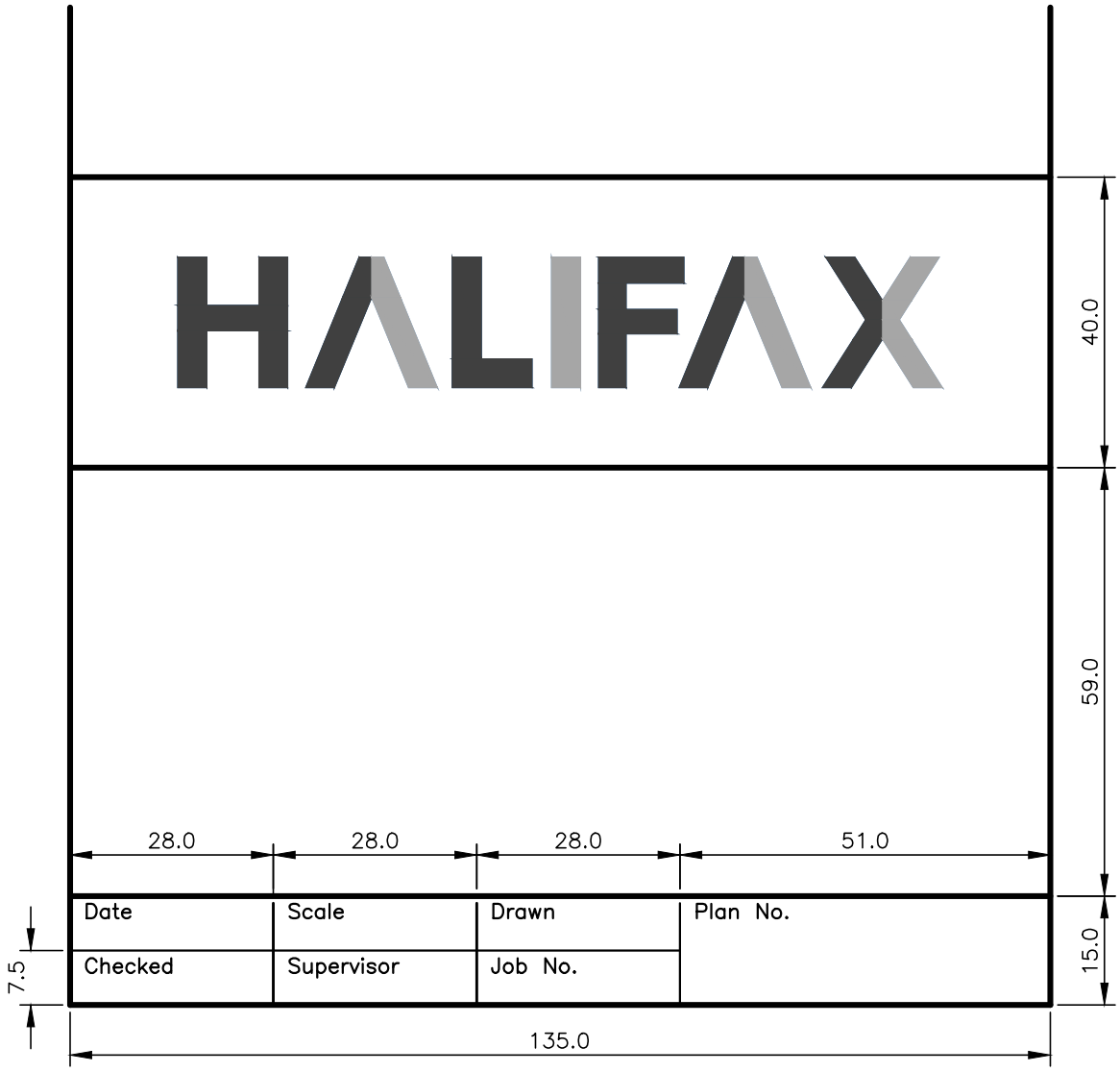
2. TITLE BLOCK FOR SHEETS A1 AND A1+.

HALIFAX

DRAWING STANDARDS

TITLE BLOCK – TYPE I SHOWING LAYER, HEIGHT AND STYLE

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 05



NOTES:

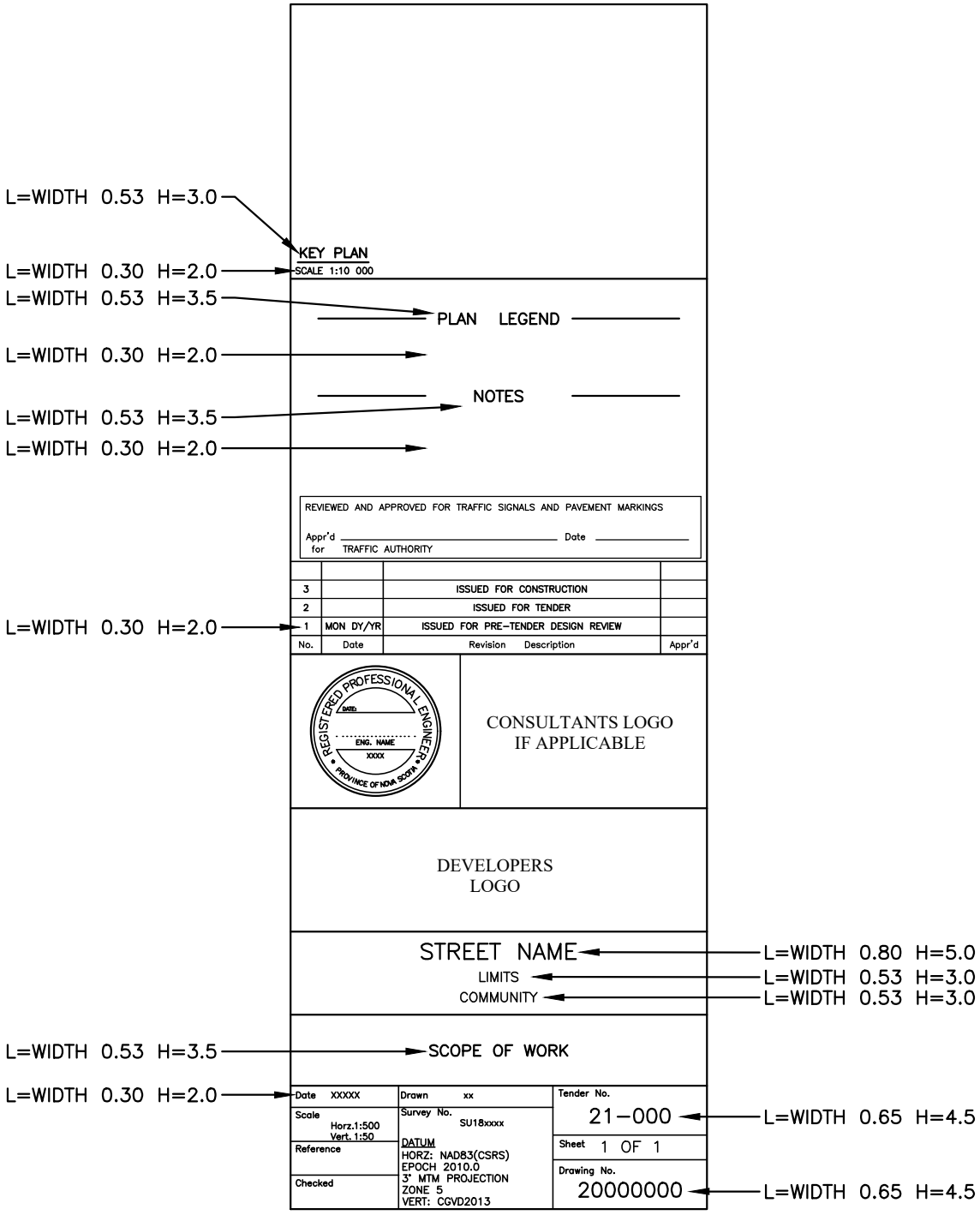
1. TITLE BLOCK FOR SHEET SIZE A2.
2. DIMENSIONS ARE IN METRES.

HALIFAX

DRAWING STANDARDS

TITLE BLOCK LEGAL PLANS SHOWING BLOCK DIMENSIONS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 06



NOTES:

H=HEIGHT
L=LAYER

1. ALL TEXT TO BE OF THE STYLE "ROMANS" EXCEPT WHERE NOTED.

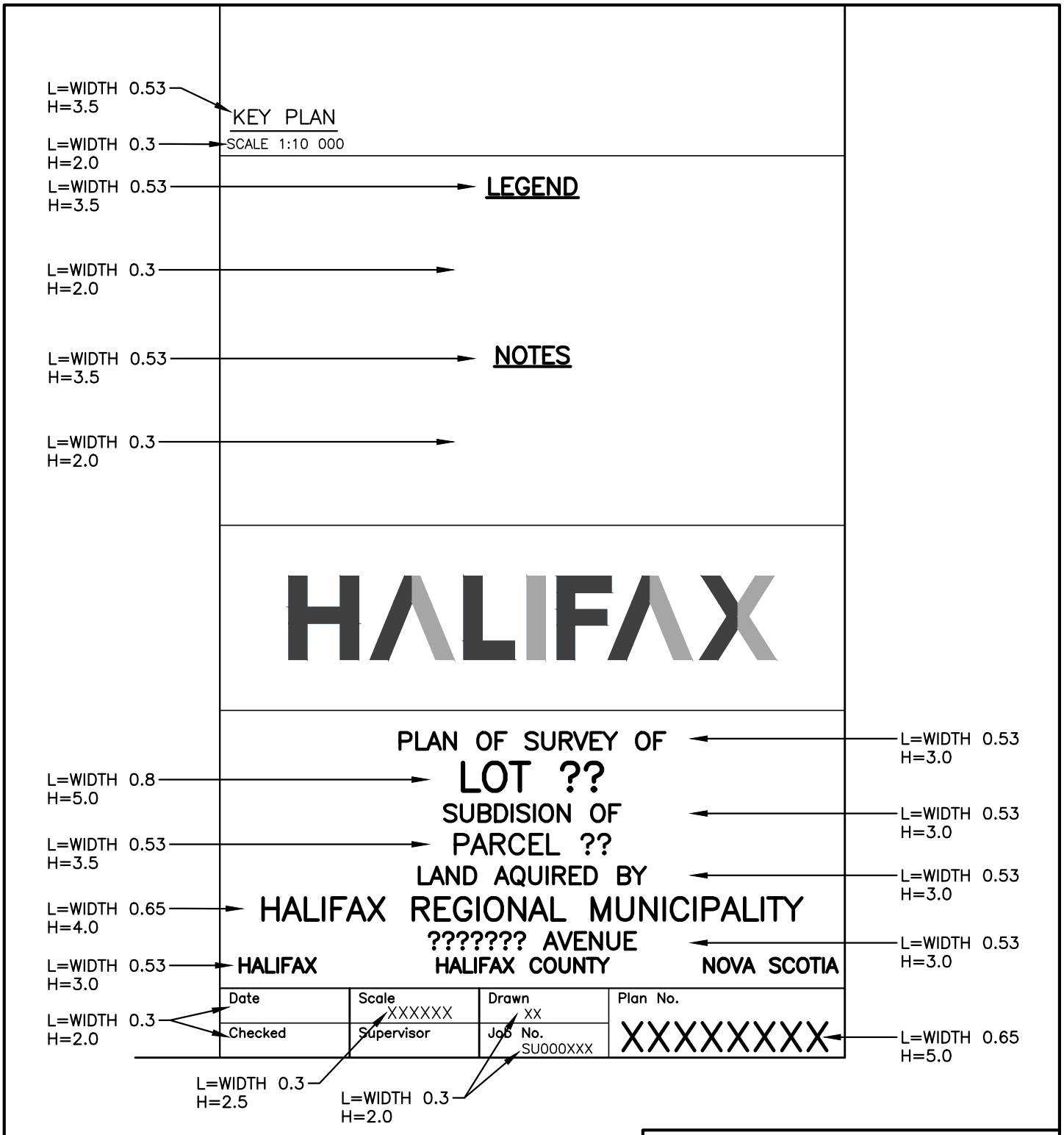
2. TITLE BLOCK FOR SHEETS A1 AND A1+.

HALIFAX

DRAWING STANDARDS

TITLE BLOCK FOR DEVELOPERS USED FOR SUBDIVISIONS SHOWING LAYER, HEIGHT AND STYLE

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 07



NOTE:

ALL TEXT TO BE OF THE STYLE "ROMANS".

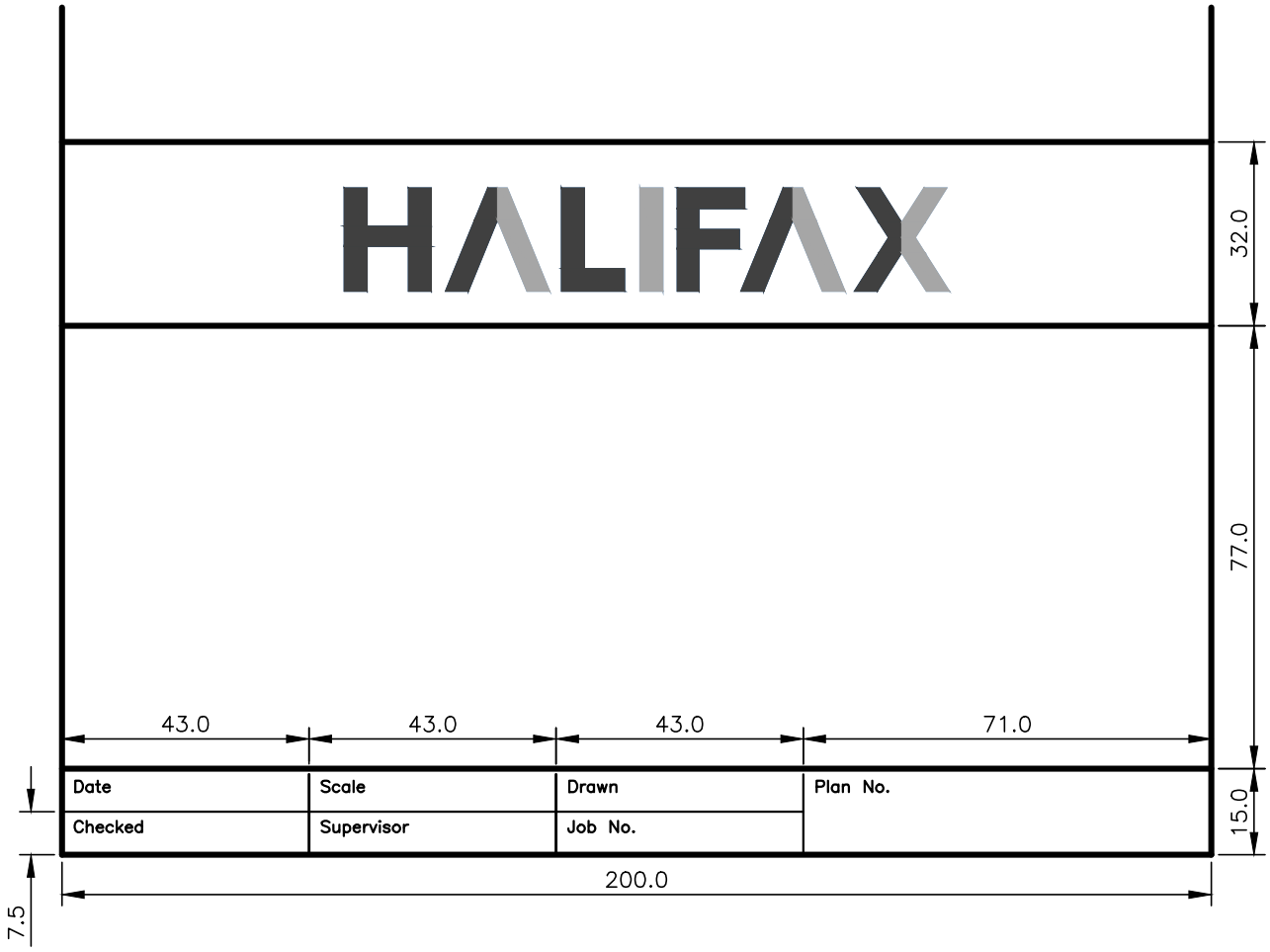
L = LAYER
H = HEIGHT

HALIFAX

DRAWING STANDARDS

TITLE BLOCK LEGAL PLANS SHOWING TEXT HEIGHTS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 08



NOTES:

1. TITLE BLOCK FOR SHEET SIZES A1 AND A0.
2. DIMENSIONS ARE IN METRES.

HALIFAX

DRAWING STANDARDS

TITLE BLOCK LEGAL PLANS SHOWING BLOCK DIMENSIONS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 09

HALIFAX REGIONAL MUNICIPALITY SYMBOLS

BLOCK NAME	SYMBOL	DESCRIPTION
SWMHCO		COMBINED MANHOLE
PLSWMHCO		PROPOSED COMBINED MANHOLE
SWMHST		STORM MANHOLE
PLSWMHST		PROPOSED STORM MANHOLE
SWMHSA		SANITARY MANHOLE
PLSWMHSA		PROPOSED SANITARY MANHOLE
SWCB		CATCHBASIN
PLSWCB		PROPOSED CATCHBASIN
SWCBDB		DOUBLE CATCHBASIN
PLSWCBDB		PROPOSED DOUBLE CATCHBASIN
SWPS		PUMPING STATION
PLSWPS		PROPOSED PUMPING STATION
SWMHUK		UNKNOWN MANHOLE
UTMHTL		ALIANT MANHOLE
UTMHPW	PW	N.S. POWER MANHOLE OR JUNCTION BOX
WCHY		HRWC FIRE HYDRANT
PLWCHY		PROPOSED HRWC FIRE HYDRANT
WCVL		HRWC WATER VALVE
PLWCVL		PROPOSED HRWC WATER VALVE
UTPO		UTILITY POLE
PLUTPO		PROPOSED UTILITY POLE
TFTL		TRAFFIC LIGHT STANDARD
PLTFTL		PROPOSED TRAFFIC LIGHT STANDARD
TFSL		STREET LIGHT STANDARD
PLTFSL		PROPOSED STREET LIGHT STANDARD
TFSP		SIGN POST
PLTFSP		PROPOSED SIGN POST
LCTS		TREE
PLLCTS		PROPOSED TREE
LCSA		SHRUB
MNNSCM		NOVA SCOTIA COORDINATE MONUMENT
PLTFPR		PROPOSED PEDESTRIAN RAMP
TFPR		PEDESTRIAN RAMP
TFPM	PM	PARKING PAY STATION
UTGW		GUY WIRE ANCHOR
TRBS		BUS STOP
SVIB	IB	IRON BAR
SVIP	IP	IRON PIPE
SVDH	D.H.	DRILL HOLE
SVRS	RR	RAILWAY SPIKE
SVSM		SURVEY MARKER
SVRP	RP	ROCK POST
SVNL	N	NAIL
TFJB	JB	TRAFFIC LOOP JUNCTION BOX
TFCB		TRAFFIC CABINET OR CONTROLLER BOX
SWIN		SEWER INLET
SWOF		SEWER OUTFALL
WCCHMH		HRWC MAHNOLE
GSVL		GAS VALVE
TFRS		PROPOSED RADAR SYSTEM
TFSH		TRAFFIC SIGNAL HEAD
TFPH		PEDESTRIAN HEAD
PLTFSH		PROPOSED TRAFFIC SIGNAL HEAD
PLTFPH		PROPOSED PEDESTRIAN HEAD
CNLM		LIMIT OF CONSTRUCTION

NOTE: ALL SYMBOLS ON LAYER HE-SYMBOLS-ALL

North Arrow

NORTH ARROW PLAN

North Arrow 2

NORTH ARROW KEY PLAN

HALIFAX

DRAWING STANDARDS

STANDARD DRAWING SYMBOLS PLAN

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 10

HALIFAX REGIONAL MUNICIPALITY SYMBOLS

BLOCK NAME	SYMBOL	DESCRIPTION
TFMKAR3T		TRAFFIC ARROW RIGHT–STRAIGHT–LEFT
TFMKARLT		LEFT TURN ARROW
TFMKARRT		RIGHT TURN ARROW
TFMKARTL		TRAFFIC ARROW STRAIGHT–LEFT
TFMKARTR		TRAFFIC ARROW STRAIGHT–RIGHT
TFMKARST		TRAFFIC ARROW STRAIGHT
TFMKARRLT		TRAFFIC ARROW LEFT–RIGHT

* NOTE: ALL SYMBOLS ON LAYER HE–SYMBOLS–ALL

 DEPRESSION

 CUT

 FILL

 TRAIL

 STREAM

 350 352 CONTOURS

+N 4 945 783.000 E 5 565 324.000 COORDINATES

 POWER TRANSMISSION TOWER

 WELL

 TREED AREA OR BUSH

 SWAMP AREA

56.75 SPOT ELEVATION

 GASOLINE PUMPS WITH ISLAND

 CULVERT (STATE TYPE, ID. & LENGTH)

 PROPOSED CONCRETE SURFACE

 PROPOSED ASPHALT SURFACE

HALIFAX

DRAWING STANDARDS

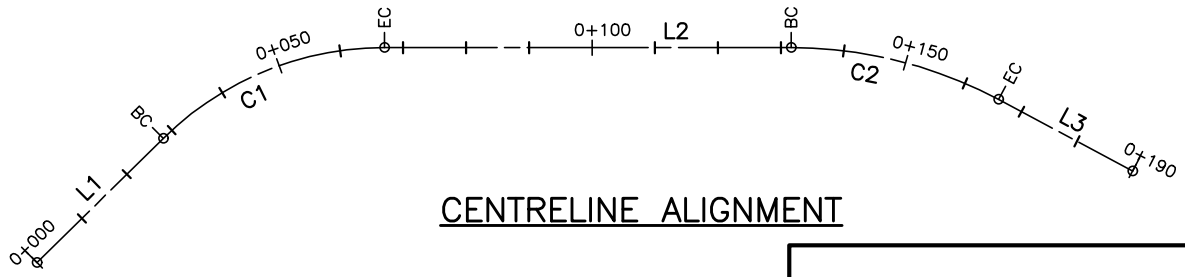
STANDARD DRAWING SYMBOLS PLAN

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 11

CONTROL VALUES – SUXXXXX COORDINATE VALUES – NAD83(CSRS) EPOCH 2010.0 3° MTM PROJECTION ZONE 5, VERTICAL CGVD2013				
PT. NO.	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	4 958 712.713	25 563 994.063	50.878	DRILL HOLE
2	4 958 760.369	25 564 037.398	49.632	DRILL HOLE
3	4 958 793.231	25 563 989.019	53.447	SPIKE
222185	4 958 867.433	25 563 264.290	64.472	NSCM–MEAS.
223681	4 958 203.467	25 565 530.677	27.623	NSHPN–PUB.

VALUES SHOWN ARE BASED ON THE NOVA SCOTIA COORDINATE REFERENCING SYSTEM. PLAN DETAILS ARE REFERRED TO THE CONTROL TABLE ABOVE. BOUNDARY LINES ARE APPROXIMATE, AND ARE SUBJECT TO A FIELD SURVEY.

STREET NAME CENTRELINE ALIGNMENT					
ID #	STATION	RADIUS	NORTHING	EASTING	DEF ANGLE
L1	0+000.00 0+028.12		–0.662 19.077	24.297 44.320	
C1	BC 0+028.12 EC 0+067.03	50.000	19.077 33.471	44.320 79.423	44° 35' 30"
L2	0+067.03 0+131.61		33.471 33.471	79.423 144.003	
C2	BC 0+131.61 EC 0+165.90	70.000	33.471 25.238	144.003 176.940	28° 04' 07"
L3	0+165.90 0+190.00		25.238 13.900	176.940 198.202	



CENTRELINE ALIGNMENT

HALIFAX

DRAWING STANDARDS

CONTROL TABLES (SHOWING INFORMATION FOR PROJECT LAYOUT)

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 12

IDENTIFICATION	MATERIAL	ITEM	SIZE/WIDTH	COLOUR	QUANTITY
P1.1	PAINT	SINGLE LINE–SOLID	100 mm	WHITE	#m
P1.2	PAINT	SINGLE LINE–BROKEN	100 mm (3 m LINE, 6 m SPACING)	WHITE	#m
P1.3	PAINT	SINGLE LINE–BROKEN	100 mm (3 m LINE, 3 m SPACING)	WHITE	#m
P1.4	PAINT	SINGLE LINE–BROKEN	100 mm (1.8 m LINE, 1.8 m SPACING)	WHITE	#m
P1.5	PAINT	SINGLE LINE–BROKEN	100 mm (1.5 m LINE, 1.5 m SPACING)	WHITE	#m
P1.6	PAINT	SINGLE LINE–BROKEN	100 mm (1.0 m LINE, 1.0 m SPACING)	WHITE	#m
P1.7	PAINT	SINGLE LINE–BROKEN	100 mm (0.5 m LINE, 0.5 m SPACING)	WHITE	#m
P1.10	PAINT	SINGLE LINE–SOLID	100 mm	YELLOW	#m
P1.11	PAINT	SINGLE LINE–BROKEN	100 mm (3 m LINE, 6 m SPACING)	YELLOW	#m
P1.12	PAINT	DOUBLE CENTRELINE–SOLID	100 mm	YELLOW	#m
P1.13	PAINT	DOUBLE CENTRELINE– SINGLE SOLID $\overline{w}$ SINGLE BROKEN	100 mm (3 m LINE, 6 m SPACING)	YELLOW	#m
P1.14	PAINT	DOUBLE LINE–BROKEN	100 mm (3 m LINE, 6 m SPACING)	YELLOW	#m
P2	PAINT	STOP BAR	450 mm	WHITE	#m
P3	PAINT	YIELD LINE	450 mm WIDE, SPACING VARIES, SEE HRM STANDARD DETAIL 90	WHITE	#m
P4	PAINT	CROSSWALK	2 x 200 mm	WHITE	#m
P5	PAINT	ZEBRA CROSSWALK	600 mm WIDE, 600 mm SPACING, 2.5 m WIDE	WHITE	#m
P6	PAINT	HATCHING	100 mm LANE LINES, 450 mm HATCH LINES, 6.0 m SPACING	WHITE	#m^2
P7	PAINT	HATCHING	100 mm LANE LINES, 450 mm HATCH LINES, 6.0 m SPACING	YELLOW	#m^2
P8	PAINT	INTERSECTION BOX $\overline{w}$ HATCHING	200 mm LINES, 1.2 m SPACING	WHITE	#m^2
P9.1	PAINT	ARROW	3/4 TAC SIZE	WHITE	#EA.
P9.2	PAINT	ARROW	1/2 TAC SIZE	WHITE	#EA.
P9.3	PAINT	ROUNDABOUT ARROW	SEE HRM STANDARD DETAIL 95	WHITE	#EA.
P10	PAINT	BICYCLE SYMBOL	1.2 m X 2.1 m	WHITE	#EA.
P11	PAINT	ADVANCE YIELD TO PEDESTRIANS LINE (TRIANGLES)	SEE HRM STANDARD DETAIL 93	WHITE	#m
P12	PAINT	SPEED HUMP/SPEED TABLE MARKINGS	SEE HRM STANDARD DETAIL 31 & 143	WHITE	# SITES
P13	PAINT	RESERVED LANE DIAMOND SYMBOL	0.75 m X 3.0 m	WHITE	#EA.
P15.1	PAINT	SHARED USE LANE SYMBOL	1.2 m X 3.0 m	WHITE	#EA.
P30	PAINT	NEW INTERSECTION MARKINGS	–	–	LS
P31	PAINT	REMOVAL OF EXISTING MARKINGS	–	–	LS
P32	PAINT	REPLACEMENT OF EXIST. MARKINGS	–	–	LS

HALIFAX

DRAWING STANDARDS

PAVEMENT MARKING TABLE (PAINT)

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 13.1

IDENTIFICATION	MATERIAL	ITEM	SIZE/WIDTH	COLOUR	QUANTITY
T1.1	THERMOPLASTIC	SINGLE LINE–SOLID	100 mm	WHITE	#m
T1.2	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (3 m LINE, 6 m SPACING)	WHITE	#m
T1.3	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (3 m LINE, 3 m SPACING)	WHITE	#m
T1.4	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (1.8 m LINE, 1.8 m SPACING)	WHITE	#m
T1.5	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (1.5 m LINE, 1.5 m SPACING)	WHITE	#m
T1.6	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (1.0 m LINE, 1.0 m SPACING)	WHITE	#m
T1.7	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (0.5 m LINE, 0.5 m SPACING)	WHITE	#m
T1.10	THERMOPLASTIC	SINGLE LINE–SOLID	100 mm	YELLOW	#m
T1.11	THERMOPLASTIC	SINGLE LINE–BROKEN	100 mm (3 m LINE, 6 m SPACING)	YELLOW	#m
T1.12	THERMOPLASTIC	DOUBLE CENTRELINE–SOLID	100 mm	YELLOW	#m
T1.13	THERMOPLASTIC	DOUBLE CENTRELINE– SINGLE SOLID $\overline{w}$ SINGLE BROKEN	100 mm (3 m LINE, 6 m SPACING)	YELLOW	#m
T1.14	THERMOPLASTIC	DOUBLE LINE–BROKEN	100 mm (3 m LINE, 6 m SPACING)	YELLOW	#m
T2	THERMOPLASTIC	STOP BAR	450 mm	WHITE	#m
T3	THERMOPLASTIC	YIELD LINE	450 mm	WHITE	#m
T4	THERMOPLASTIC	CROSSWALK	2 x 200 mm	WHITE	#m
T5	THERMOPLASTIC	ZEBRA CROSSWALK	600 mm	WHITE	#m
T6	THERMOPLASTIC	HATCHING	100 mm LANE LINES, 450 mm HATCH LINES, 6.0 m SPACING	WHITE	#m^2
T7	THERMOPLASTIC	HATCHING	100 mm LANE LINES, 450 mm HATCH LINES, 6.0 m SPACING	YELLOW	#m^2
T8	THERMOPLASTIC	INTERSECTION BOX $\overline{w}$ HATCHING	200 mm LINES, 1.2 m SPACING	WHITE	#m^2
T9.1	THERMOPLASTIC	ARROW	3/4 TAC SIZE	WHITE	#EA.
T9.2	THERMOPLASTIC	ARROW	1/2 TAC SIZE	WHITE	#EA.
T9.3	THERMOPLASTIC	ROUNDABOUT ARROW	SEE HRM STANDARD DETAIL 95	WHITE	#EA.
T10.1	THERMOPLASTIC	BICYCLE SYMBOL ON BLACK BACKGROUND	1.2 m X 2.1 m	WHITE ON BLACK BACKGROUND	#EA.
T10.2	THERMOPLASTIC	BICYCLE SYMBOL ON GREEN BACKGROUND	1.2 m X 2.1 m	WHITE ON GREEN BACKGROUND	#EA.
T11	THERMOPLASTIC	ADVANCE YIELD TO PEDESTRIANS LINE (TRIANGLES)	SEE HRM STANDARD DETAIL 93	WHITE	#m
T12	THERMOPLASTIC	SPEED HUMP/SPEED TABLE MARKINGS	SEE HRM STANDARD DETAIL 31 & 143	WHITE	# SITES
T13	THERMOPLASTIC	RESERVED LANE DIAMOND SYMBOL ON BLACK BACKGROUND	0.75 m X 3.0 m	WHITE	#EA.
			0.75 m X 3.0 m	BLACK	
T14	THERMOPLASTIC	RESERVED LANE DIAMOND SYMBOL ON RED BACKGROUND	0.75 m X 3.0 m	WHITE	#EA.
			2.8 m X 4.3 m	RED	
T15.1	THERMOPLASTIC	SHARED USE LANE SYMBOL ON BLACK BACKGROUND	1.2 m X 3.3 m	WHITE ON BLACK BACKGROUND	#EA.
T15.2	THERMOPLASTIC	SHARED USE LANE SYMBOL ON GREEN BACKGROUND	1.2 m X 3.3 m	WHITE ON GREEN BACKGROUND	#EA.

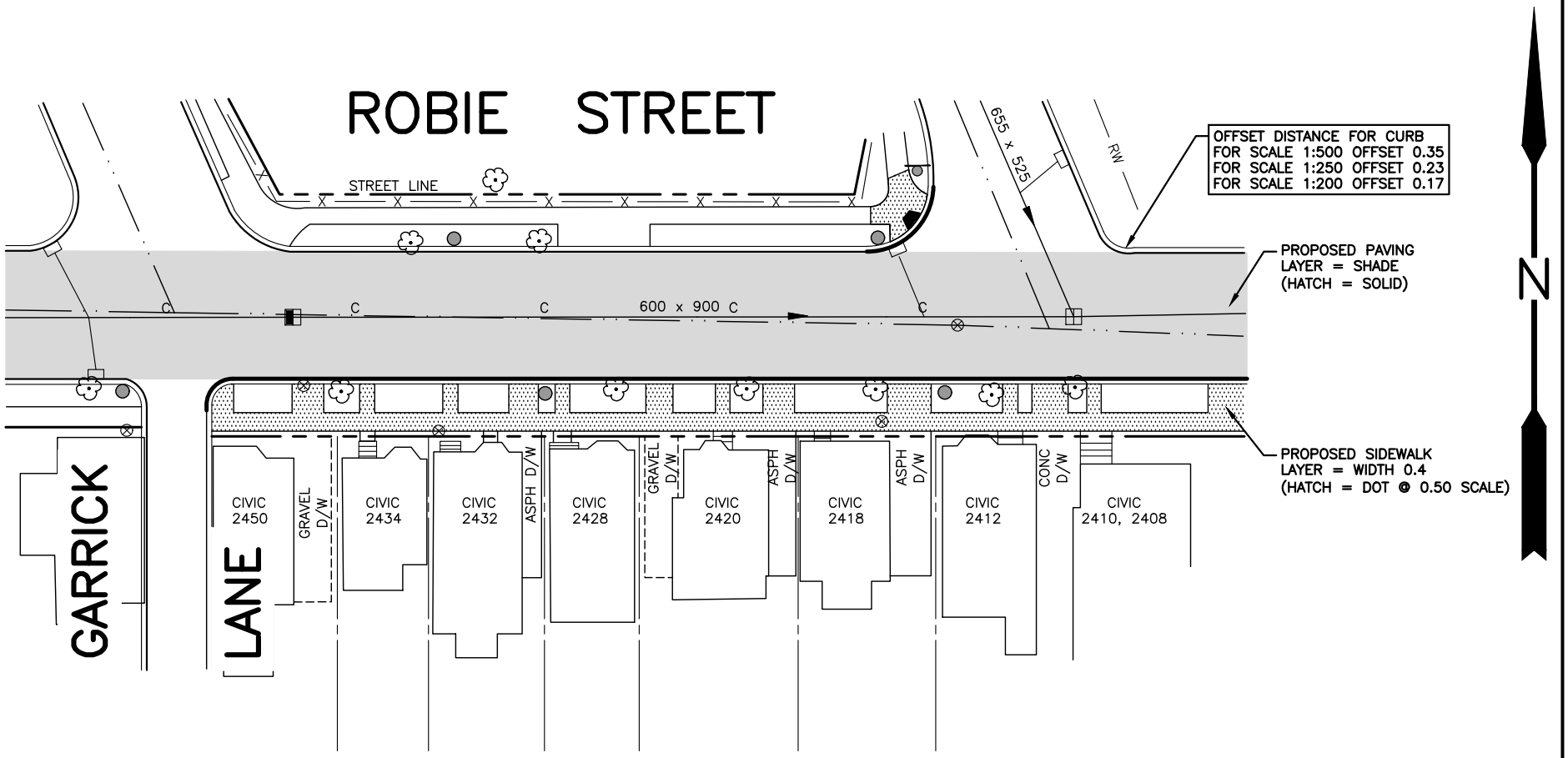
IDENTIFICATION	MATERIAL	ITEM	SIZE/WIDTH	COLOUR	QUANTITY
T16	THERMOPLASTIC	SHARKS TEETH TRIANGLES	450 mm X 150 mm, 5 PER ROW	WHITE	# ROWS
T17	THERMOPLASTIC	TWO STAGE BICYCLE LEFT TURN BOX	2.0 m X 3.0 m	WHITE ON GREEN BACKGROUND	#EA.
T18	THERMOPLASTIC	VEHICLE/BICYCLE ZEBRA CONFLICT MARKING (1.8 m X 0.6 m TOTAL)	1.5 m X 0.6 m	GREEN	#EA.
			ADD. 0.15 m EA. END	WHITE	
T19	THERMOPLASTIC	DRIVEWAY/BICYCLE ZEBRA CONFLICT MARKING (1.3 m X 0.6 m TOTAL)	1.0 m X 0.6 m	GREEN	#EA.
			ADD. 0.15 m EA. END	WHITE	
T20	THERMOPLASTIC	BICYCLE/PEDESTRIAN ZEBRA CONFLICT MARKING	2.5 m X 0.3 m WIDE, 0.3 m SPACING	WHITE	#m
T21	THERMOPLASTIC	TRAIL CROSSWALK	200 mm SOLID LINE (2.5 m WIDTH) 200 mm BROKEN LINE 0.4 m LINE, 0.4m SPACING (4.5 m WIDTH)	WHITE	#m
T30	THERMOPLASTIC	NEW INTERSECTION MARKINGS	–	–	LS
T31	THERMOPLASTIC	REMOVAL OF EXISTING MARKINGS	–	–	LS
T32	THERMOPLASTIC	REPLACEMENT OF EXIST. MARKINGS	–	–	LS

HALIFAX

DRAWING STANDARDS

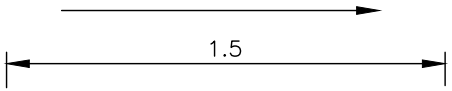
PAVEMENT MARKING TABLE (THERMOPLASTIC)

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 13.2



DIMENSION STYLE OVERRIDES:

DIMASZ	3.5000
DIMCLRD	9
DIMCLRE	9
DIMCLRT	9
DIMEXE	1.5000
DIMEXO	1.5000
DIMGAP	1.0000
DIMSCALE	0.0000
DIMTAD	1
DIMTXSTY	ROMANS
DIMTXT	2.0000

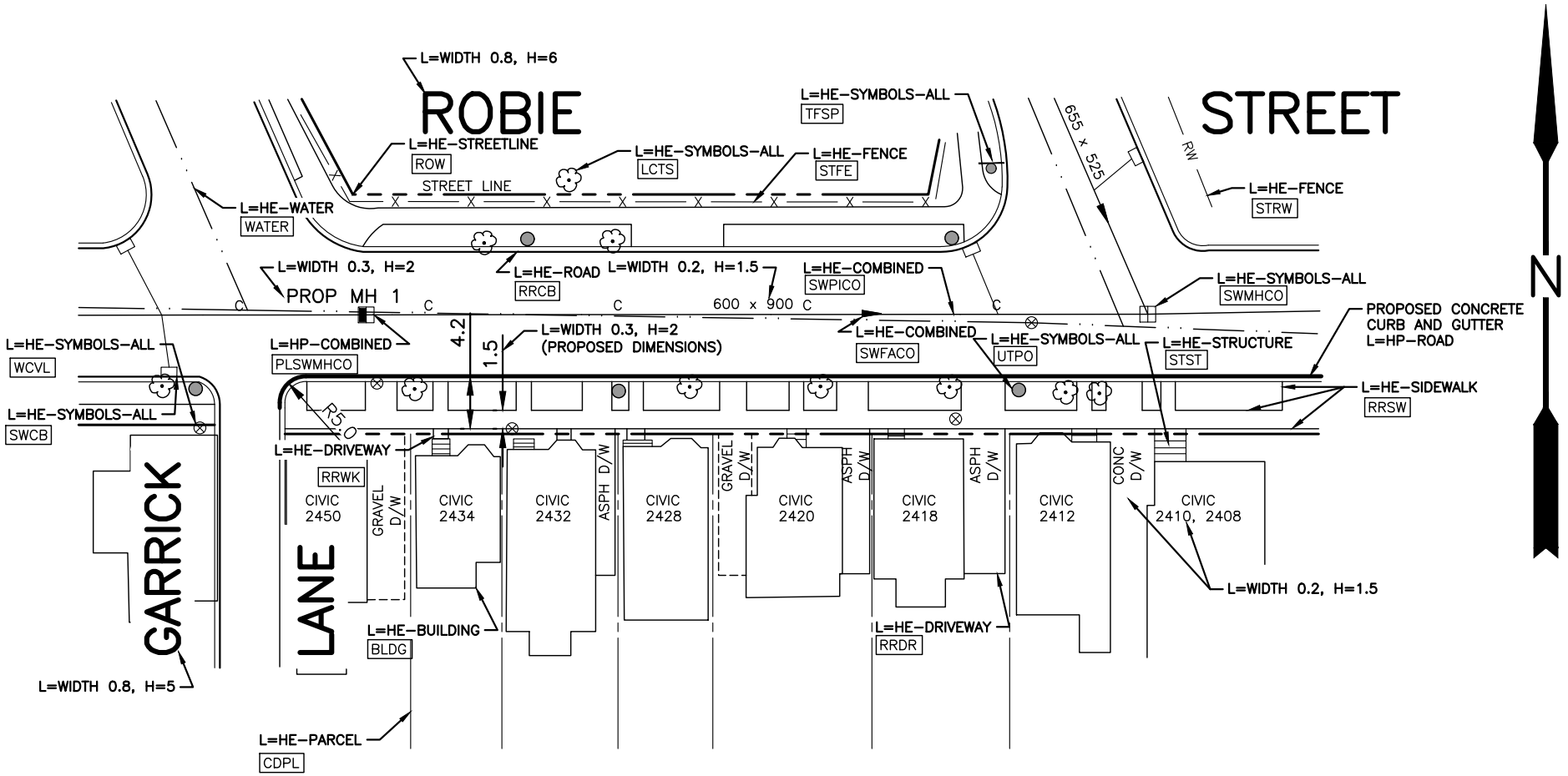


HALIFAX

DRAWING STANDARDS

PLAN HATCHING LAYERS AND LINETYPES

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 14



NOTE:
1. ALL TEXT WHICH PERTAINS TO PROPOSED INFORMATION SHALL BE A MINIMUM HEIGHT OF 2.0.

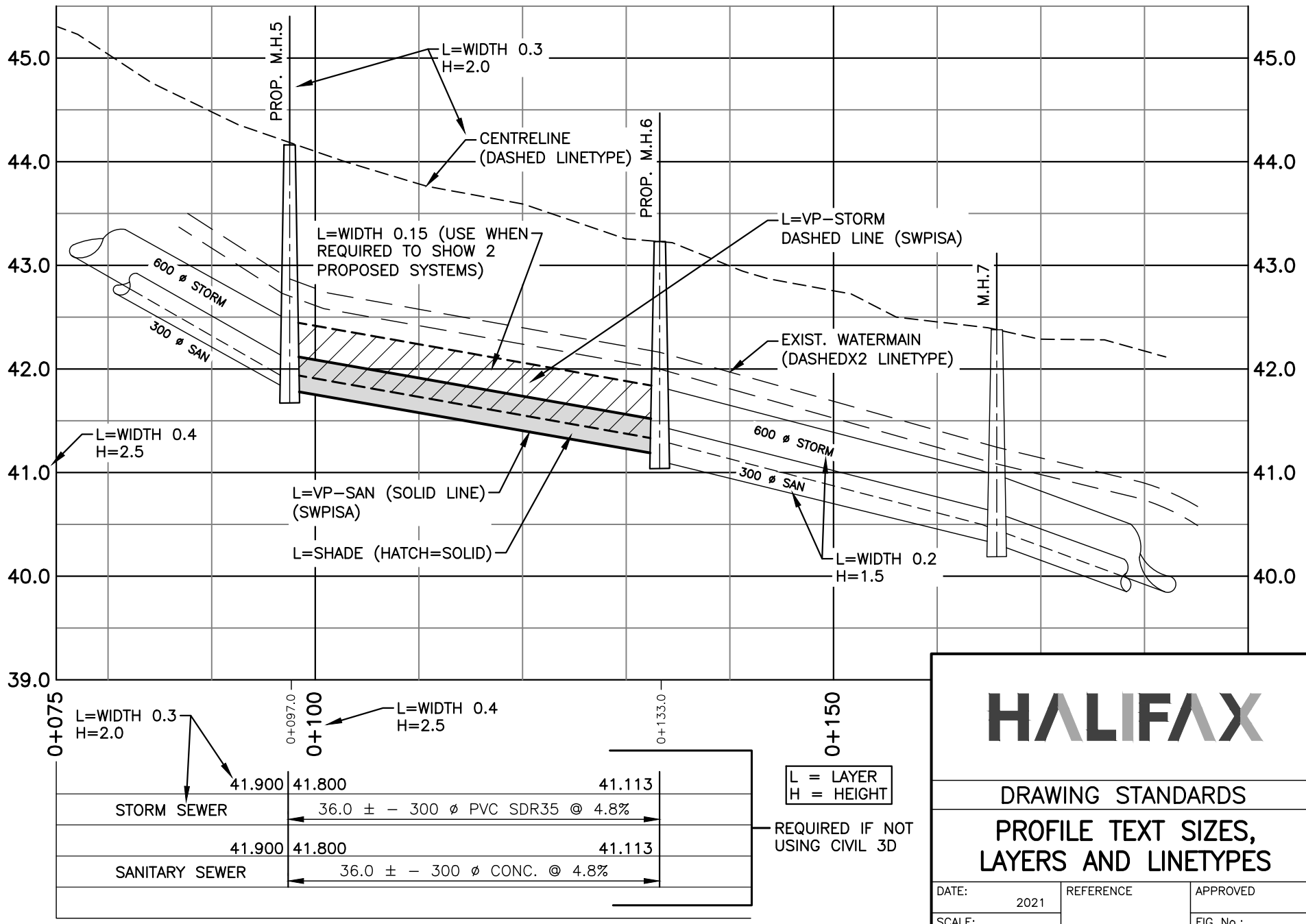
BLDG	BLOCK NAMES OR LINETYPES
L	LAYER
H	HEIGHT

HALIFAX

DRAWING STANDARDS

PLAN TEXT SIZES LAYERS, AND LINETYPES

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 15

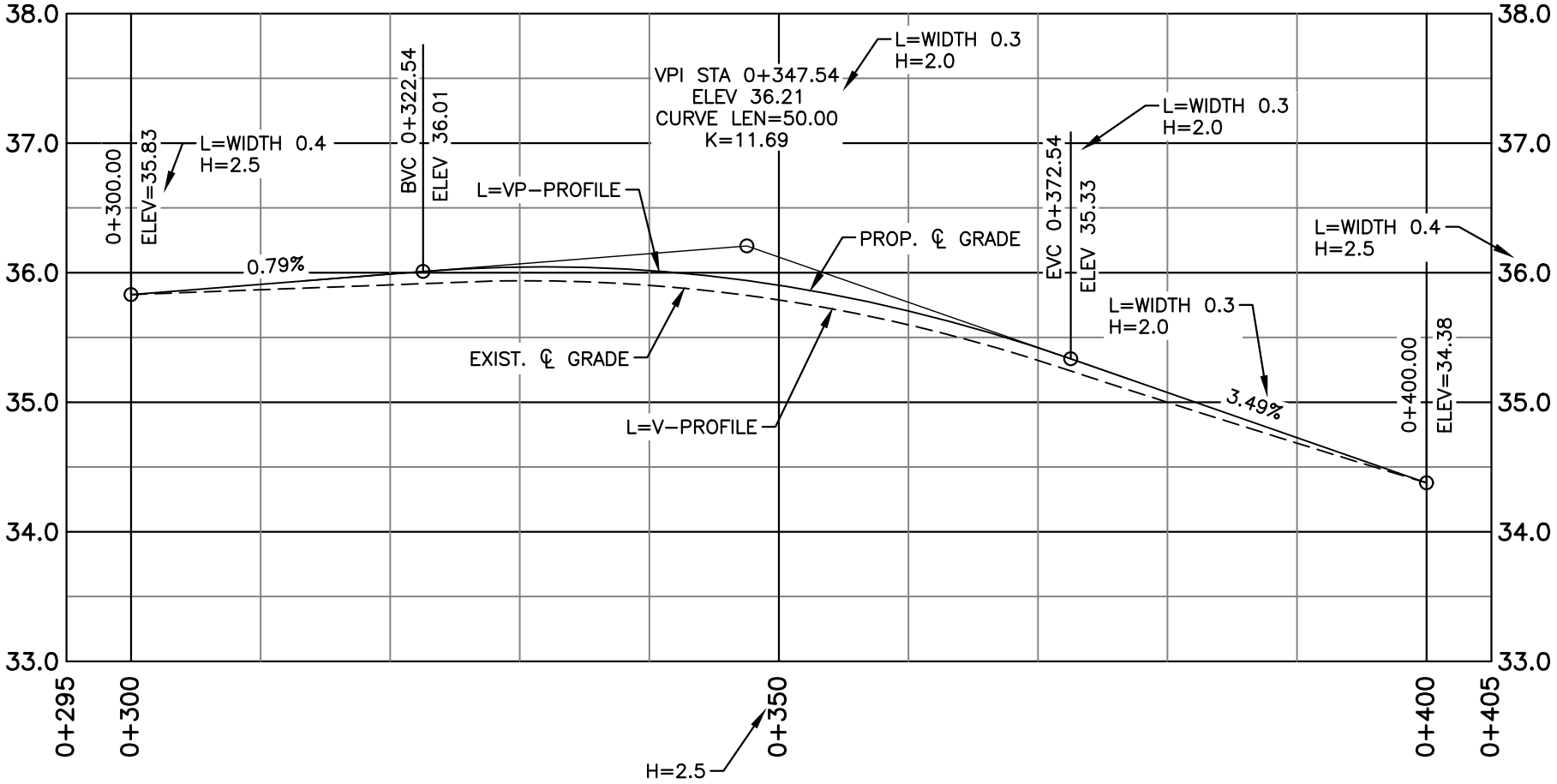


HALIFAX

DRAWING STANDARDS

PROFILE TEXT SIZES, LAYERS AND LINETYPES

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 17



L = LAYER
H = HEIGHT

HALIFAX

DRAWING STANDARDS

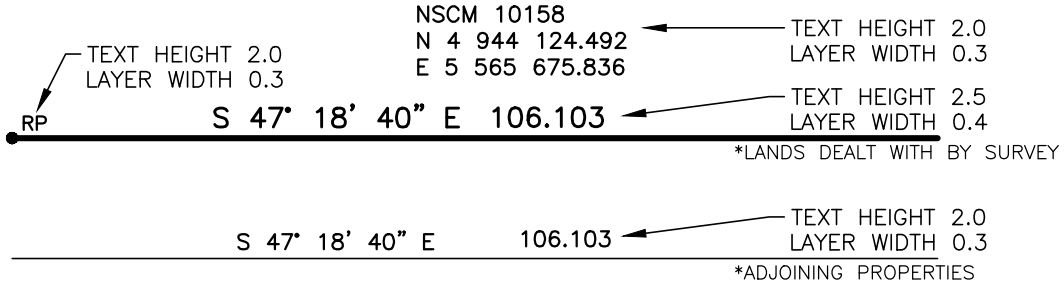
PROFILE TEXT SIZES, LAYERS AND LINETYPES

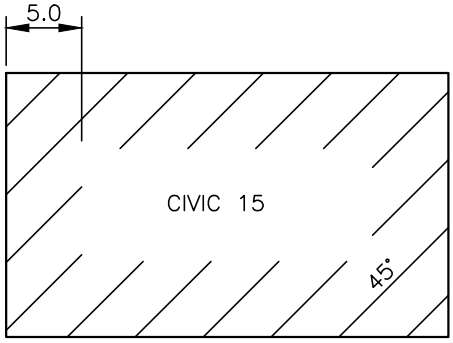
DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 18

LINETYPES FOR LEGAL DRAWINGS

LABEL	LINETYPE NAME	LAYER
TIE LINE	TIELINE	HE–PARCEL
RADIAL LINE	RADLINE	HE–PARCEL
CO TERMINAL BOUNDARY – PROPOSED	PROPLINE	HE–PARCEL
CO TERMINAL BOUNDARY – APPROVED	CDPL	HE–PARCEL
RIGHT OF WAY	ROW	HE–PARCEL
EASEMENT	CDES	HE–PARCEL
SURVEYED BOUNDARY	CONTINUOUS	HE–SURVEY
DITCH	WADI	HE–HYDRO
WATERCOURSE	WATER	HE–HYDRO
SEWER	LINE SHOULD BE CONSISTENT WITH ENG. DWGS. HE–SEWER	
EDGE OF ASPHALT (LABEL) EDGE OF D/W, ETC	CONTINUOUS	HE–ROAD/ HE–DRIVEWAY
EDGE OF GRAVEL (LABEL) EDGE OF D/W, ETC	RRWK–G	HE–ROAD/ HE–DRIVEWAY
FENCE (CHAIN–LINK FENCE)	STFE	HE–FENCE
HEDGE	LCHG	HE–TREE LINE
WALL	STWL	HE–FENCE
RETAINING WALL	STRW	HE–STRUCTURE

NOTE:
ANY LINETYPES THAT ARE DRAWN ON A LEGAL DRAWING, (EXAMPLE: SEWER, GUYWIRE, FENCE, RETAINING WALL ETC.) SHOULD BE CONSISTENT WITH ENGINEERING DRAWINGS. THAT ALSO APPLYS TO SYMBOLS.





HATCH SURVEYED BUILDINGS USING:
HATCH PATTERN – LINE
LAYER WIDTH 0.2
HATCH ANGLE 45° TO THE BUILDING LINE

HALIFAX

DRAWING STANDARDS

LINETYPES FOR LEGAL DRAWINGS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 19

LEGEND

———	SURVEYED BOUNDARY
—— x —— x ——	FENCE
⊙	SURVEY MARKER
△ NSHPN	NOVA SCOTIA HIGH PRECISION MONUMENT
FD	FOUND
○ IB	IRON BAR
○ IP	IRON PIPE
● N	NAIL
● RP	ROCK POST
⊗ CC	CUT CROSS
○ DH	DRILL HOLE
●	UTILITY POLE
(	GUY WIRE ANCHOR
✿	TREE
PID	PARCEL IDENTIFICATION NUMBER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PRC	POINT OF REVERSE CURVATURE
A	ARC
R	RADIUS
SQ M	SQUARE METRES
SQ FT	SQUARE FEET
D	DEED
P	PLAN
M	MEASURED
PR	PLAN REFERENCE
R–O–W	RIGHT OF WAY
WIT	WITNESS
C	CALCULATED
HRM	HALIFAX REGIONAL MUNICIPALITY
NSPI	NOVA SCOTIA POWER INCORPORATED
ROD	REGISTRY OF DEEDS
LRO	LAND REGISTRATION OFFICE
[ ]	LAND SURVEYOR IDENTIFICATION
NI	NO IDENTIFICATION
OHWM	ORDINARY HIGH WATER MARK
BK, PG	BOOK, PAGE
DOC NO	DOCUMENT NUMBER

NOTES:

1. IF YOU ARE PUTTING A SURVEY SYMBOL WITH TEXT ON A PLAN THE TEXT SHOULD BE A TEXT HEIGHT 2, LAYER WIDTH 0.3. EX: IP, M, AC.
2. ANY SYMBOLS INSERTED ON A SURVEY DRAWING EX: MANHOLE, TREE, UTILITY POLE, SHOULD BE CONSISTENT WITH ENGINEERING DRAWINGS

HALIFAX

DRAWING STANDARDS

LEGEND FOR LEGAL DRAWINGS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 20

EXAMPLES

SUBJECT LANDS

P.I.D. NO.'S	L=WIDTH 0.3 H=2.0
LOT OR PARCEL IDENTIFIER	L=WIDTH 0.8 H=5.0 (TEXT HEIGHT MAY VARY ACCORDING TO DRAWING SIZE BUT SHOULD MATCH THE TITLE BLOCK).
AREA 000 SQ.M.	L=WIDTH 0.3 H=2.0
PLAN REFERENCE	L=WIDTH 0.3 H=2.0
OWNER(S) NAME(S)	L=WIDTH 0.53 H=3.5
BOOK & PAGE REFERENCE	L=WIDTH 0.3 H=2.0
GHOSTED TEXT	L=WIDTH 0.2 H=4.5
PLAN REFERENCE (USUALLY A SUBJECT LOT THAT IS BEING SUBDIVIDED)	L=WIDTH 0.3 H=2.0

ADJOINERS LAND

P.I.D. NO.'S	L=WIDTH 0.3 H=2.0
LOT OR PARCEL IDENTIFIER	L=WIDTH 0.53 H=3.0
LOT OR PARCEL IDENTIFIER	L=WIDTH 0.53 H=3.5

SIZE MAY VARY ACCORDING TO SPACE

PLAN REFERENCE	L=WIDTH 0.3 H=2.0
OWNER(S) NAME(S)	L=WIDTH 0.4 H=3.0
BOOK & PAGE REFERENCE	L=WIDTH 0.3 H=2.0

L = LAYER
H = HEIGHT

NOTES:

1. STREET NAMES SHOULD BE LARGE AND STAND OUT.
2. ALL TEXT SHOULD BE A MINIMUM HEIGHT OF 2.0.
3. CHANGES IN TEXT HEIGHT AND WEIGHT MAY VARY ACCORDING TO THE PROJECT.
4. WHEN SHOWING COORDINATES, AREAS, ETC IN METRIC DO NOT USE COMMAS. USE A SPACE TO SEPARATE BLOCKS OF 3 DIGITS. A SPACE IS OPTIONAL WITH A 4 DIGIT NUMBER.

HALIFAX

DRAWING STANDARDS

LOT IDENTIFIERS & TEXT SIZES FOR LEGAL DRAWINGS

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 21

PLAN LEGEND

EXISTING		PROPOSED
PT NO	SURVEY CONTROL POINT	
	WATERVALVE	
	FIRE HYDRANT	
	UTILITY POLE AND GUY WIRE	
	SIGN POST/BASE	
X X	FENCE	X X
GR GR	GUIDERAIL	GR
RW RW	RETAINING WALL	RW
	CONCRETE CURB	
	PROPERTY LINE	
	BASELINE	
	SEWER MANHOLES	
	CATCHBASIN	
G G	GAS MAIN	
	CONCRETE SURFACE	
	ASPHALT SURFACE	
	EDGE OF GRAVEL SURFACE	
	WATERMAIN	
	TREE	
DL	DETECTOR LOOP	
	PEDESTRIAN RAMP	
	BUS STOP AND/OR SHELTER	
H H	HEDGE	

HALIFAX

DRAWING STANDARDS

LEGEND FOR TYPICAL PLAN & PROFILE

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 22

PLAN LEGEND

EXISTING		RECORD
PT NO	SURVEY CONTROL POINT	
	WATERVALVE	
	FIRE HYDRANT	
	UTILITY POLE AND GUY WIRE	
	SIGN POST/BASE	
X X	FENCE	X X
GR GR	GUIDERAIL	GR
RW RW	RETAINING WALL	RW
	CONCRETE CURB	
	PROPERTY LINE	
	BASELINE	
	SEWER MANHOLES	
	CATCHBASIN	
G G	GAS MAIN	
	CONCRETE SURFACE	
	ASPHALT SURFACE	
	EDGE OF GRAVEL SURFACE	
	WATERMAIN	
	TREE	
DL	DETECTOR LOOP	
	PEDESTRIAN RAMP	
	BUS STOP AND/OR SHELTER	
H H	HEDGE	

HALIFAX

DRAWING STANDARDS

LEGEND FOR TYPICAL RECORD DRAWING

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 23

NOTES

1. PLAN VALUES ARE BASED ON THE NOVA SCOTIA COORDINATE REFERENCING SYSTEM.
2. ALL WORK IS TO BE DONE IN ACCORDANCE WITH HRM CONTRACT DOCUMENTS.
3. GRADES SHOWN ARE APPROXIMATE. FINISHED GRADE IS TO BE APPROVED IN THE FIELD BY THE ENGINEER.
4. UTILITY INFORMATION IS APPROXIMATE ONLY. CONTRACTOR IS RESPONSIBLE TO ARRANGE FOR ON SITE LOCATES WITH ALL UTILITIES PRIOR TO START OF WORK. CONTACT www.info-ex.com AND OTHERS AS REQUIRED.
5. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORK AND TO COMPLY WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS.
6. WHERE EXISTING CONDITIONS ARE SHOWN THEY ARE NOT NECESSARILY ACCURATE OR COMPLETE. THE CONTRACTOR SHALL CONFIRM ALL EXISTING DIMENSIONS AND LOCATIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
7. THE CONTRACTOR SHALL CHECK AND VERIFY ALL PROPOSED DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION. ANY ADJUSTMENTS WILL BE MADE BY THE ENGINEER AS NECESSARY.
8. CONTRACTOR IS RESPONSIBLE FOR SETTING GRADES AND LAYOUT CONTROL.
9. TRAFFIC SIGNS ARE NOT TO BE REMOVED OR REPLACED WITHOUT AUTHORIZATION FROM THE TRAFFIC AUTHORITY AND THE ENGINEER.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF TREES. TREES ARE NOT TO BE REMOVED WITHOUT PERMISSION FROM THE ENGINEER.
11. WORK IN THE IMMEDIATE AREA OF A NOVA SCOTIA COORDINATE MONUMENT MUST BE CARRIED OUT BY HAND. THE CONTRACTOR IS RESPONSIBLE FOR ANY COSTS IF MONUMENTS ARE DISTURBED.
12. AT COMPLETION OF WORK REINSTATE ALL DISTURBED SURFACES TO THE SATISFACTION OF THE ENGINEER.
13. WATER VALVE BOX EXTENSIONS – THE MINIMUM INSIDE DIAMETER OF A VALVE BOX EXTENSION SHALL BE 125 mm AND THE MINIMUM LENGTH OF A VALVE BOX EXTENSION SHALL BE 300 mm. CONTRACTOR TO CONFIRM APPROPRIATE PRODUCT TO BE USED WITH HALIFAX WATER OPERATIONS DEPARTMENT STAFF.
14. ALL PROPOSED PEDESTRIAN RAMPS TO INCLUDE TACTILE WALKING SURFACE INDICATOR PLATES AS PER HRM DETAIL 131 UNLESS OTHERWISE NOTED.

HALIFAX

DRAWING STANDARDS

NOTES FOR
TYPICAL PLAN & PROFILE

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 24

LINETYPES FOUND IN THE PROTOTYPE DRAWING

LAYER	LINETYPE NAME		DESCRIPTION
HE–ROAD	RRRD	———	ROAD (UNCURBED)
	RRCB	———	ROAD CURBED (FACE OF CURB)
HE–SIDEWALK	RRSW	———	SIDEWALK
HE–DRIVEWAY	RRDR	———	DRIVEWAY
	RRPA	———	PARKING AREA (ASPHALT)
	RRWK	———	HARD SURFACED WALKWAY
HE–FENCE	STFE	——— X ——— X ——— X ——— X ——— X ———	FENCE
	STGR	——— GR ——— GR ——— GR ——— GR ———	GUIDE RAIL
	STRW	——— RW ——— RW ——— RW ——— RW ———	RETAINING WALL
	STWL	——— W ——— W ——— W ——— W ——— W ———	WALL
HE–HYDRO	WADI	— – – – — – – – — – – – —	DITCH
	WALA	———	LAKE AREA
HE–STRUCTURE	STST	———	STEPS
	STDK	———	DECK
HE–WATER	WATER	——— · · ——— · · ——— · · ——— · · ———	WATER MAIN
HE–COMBINED	SWFMCO	——— – – FM CO ——— – – FM CO ———	SEWER FORCE MAIN COMBINED
	SWPICO	——— C ——— C ———	SEWER PIPE COMBINED
HE–SANITARY	SWPISA	———	SEWER PIPE SANITARY
	SWFMSA	——— – – FM SA ——— – – FM SA ———	SEWER FORCE MAIN SANITARY
HE–STORM	SWPICL	———	CATSHBASIN LEAD
	SWCU	– – – – – – – – – – – – – – – – – – – –	CULVERT
	SWFMST	——— – – FM ST ——— – – FM ST ———	SEWER FORCE MAIN STORM
	SWPIST	——— ——— ——— ———	SEWER PIPE STORM
HE–BUILDING	BLDG	———	BUILDING OUTLINE
HE–TREE LINE	LCHG	——— H ——— H ——— H ——— H ——— H ———	HEDGE
HE–TRAFFIC	TFCDTL	——— SL——— SL——— SL——— SL——— SL———	STREET LIGHT CONDUIT
	TFCD	——— T ——— T ——— T ——— T ——— T ———	TRAFFIC CONDUIT
	TFDL	———	TRAFFIC DETECTOR LOOP
HE–UTILITY	UTGW	———	GUY WIRE
	UTCDTL	——— TD——— TD——— TD——— TD——— TD———	TELECOMMUNICATIONS CONDUIT
	UTCDPW	——— ET——— ET——— ET——— ET——— ET———	ELECTRICAL CONDUIT
HE–GAS	GSPI	——— G ——— G ——— G ——— G ——— G ———	GAS MAIN
	GSLA	———	GAS LATERAL

NOTE:
FOR COMPLETE LIST OF LINETYPES AND LAYERS SEE HRMLINES.LIN.

HALIFAX

DRAWING STANDARDS

LINETYPES FOR TYPICAL PLAN & PROFILE

DATE: 2021	REFERENCE	APPROVED
SCALE: NTS		FIG No.: DS 25