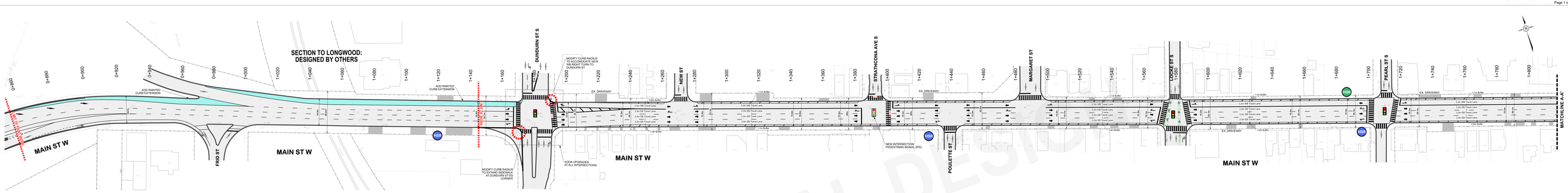
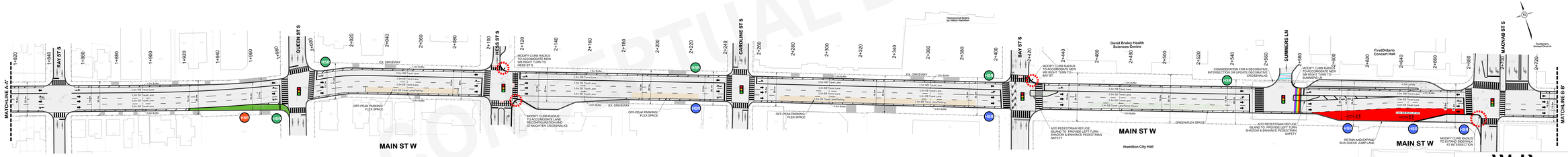
FRID STREET TO MACNAB STREET SOUTH - LOCATION

DRAWING No.: DT-1





CONCEPTUAL DESIGN

LEGEND

PROPOSED	EXISTING	
		TRAFFIC SIGNAL CONTROLLER
		DISCONNECT BOX,SERVICE ENTRANCE
		TRAFFIC JUNCTION BOX
		TRAFFIC HANDHOLE
		POLE
		POST
		OVERHEAD LINE CONTROL ARM AND SIGNS
		PAVEMENT MARKING LINES
		PAVEMENT MARKING STENCILS
		PARKING METERS (DOUBLE HEAD, SINGLE HEAD)
		FIRE HYDRANT
		POINT OF INTERSECTION
P.P.I.		TANGENT POINT

PROPOSED	EXISTING	
		FACE OF CURB,BACK OF CURB
		FRONT OF GUTTER,FACE OF CURB
		BACK OF GUTTER,FACE OF CURB, FACE OF CURB
		UNCURBED EDGE OF PAVEMENT
		CONCRETE
		VEHICLE APPROACH / DRIVEWAY
		BOTTOM OF PEDESTRIAN CURB (DEPRESSION)
		FENCE LINE
		ROAD ALLOWANCE / PROPERTY LINE

	EXISTING SIGNALIZED INTERSECTION
	PROPOSED SIGNALIZED INTERSECTION
	EXISTING TRANSIT STOP
	FUTURE TRANSIT STOP
	EXISTING TRANSIT STOP - REMOVAL

POLE CODES FORMAT: TYPE, LENGTH, OWNER, POLE NO. (MAY BE TRUNCATED)

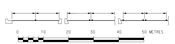
CP	CONCRETE	BELL	BELL TELEPHONE
CP-T	CONCRETE-TEMPORARY	C	CITY_STREET LIGHTING
DP-C	DECORATIVE-CONCRETE	HO	HYDRO_ONE
DP-M	DECORATIVE-METAL	HU	HORIZON_UTILITIES
MP	METAL	M-T	MTO_MINISTRY_TRANSPORTATION
SU	SIGNAL_UTILITY	T	CITY_TRAFFIC
WP	WOOD	T-HD	CITY_TRAFFIC_HEAVY_DUTY
WP-T	WOOD-TEMPORARY	PVT	PRIVATE

PARKING REGULATIONS

NRCES	NO REGULATIONS	LDZ	LOADING LOADING ZONE
NPA	NO PARKING_ANYTIME	CVLZ	COMMERCIAL VEHICLE LOADING ZONE
NSA	NO STOPPING_ANYTIME	SBLZ	SCHOOL BUS LOADING ZONE
NOAM	NO STOPPING_7am-9am	WCLZ	WHEELCHAIR LOADING ZONE
NOPM	NO STOPPING_4pm-6pm	ASP	ALTERNATE SIDE PARKING

STANDARD PRACTICES, UNLESS NOTED

- DIMENSIONS WITH DECIMAL PLACES ARE METRES WHOLE NUMBERS ARE MILLIMETRES.
- ALL CURB RAMPS ARE TO BE DESIGNED TO HAVE WHEELCHAIR DEPRESSIONS BETWEEN CROSSWALK LINES
- DIRECTIONAL LINES IN PEDESTRIAN CROSSINGS NOT SHOWN.
- CROSSING STRIPES FOR LADDER CROSSWALKS TO BE 450mm WIDE WITH 450mm SPACING.
- POINT OF INTERSECTION TO TERMINUS OF CONTINUOUS PAINT LINES WHERE NO STOP BAR-3.0m
- POINT OF INTERSECTION TO TERMINUS OF CONTINUOUS PAINT LINES WHERE NO STOP BAR-3.0m
- STOP BAR WIDTH 0.3m AT 1.5m SET-BACK FROM CROSSWALK.
- SPEED LIMIT 50 km/h.
- BICYCLE SIGNAL AND WARRANTS FROM DTM BOOK 18 AND TAC BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA,FEB. 2012.
- LANE DIMENSIONS TO & OF MARKING AND EDGE OF ASPHALT



No.	DATE	DRAWN	REVISION DETAILS
1	2023-09-07	TDC	ISSUED FOR FINAL SUBMISSION - CONCEPTUAL DESIGN

APPROVAL:

SENIOR PROJECT MANAGER OF TRANSPORTATION (ENGINEERING)
dd-mm-yyyy

MANAGER OF TRANSPORTATION (OPERATIONS)
dd-mm-yyyy

FUNCTIONAL DESIGN PLAN
MAIN STREET WEST
FRID STREET TO MACNAB ST S

IN THE CITY OF HAMILTON

PREPARED BY THE CITY OF HAMILTON,
TRANSPORTATION, OPERATIONS, PUBLIC WORKS DEPARTMENT

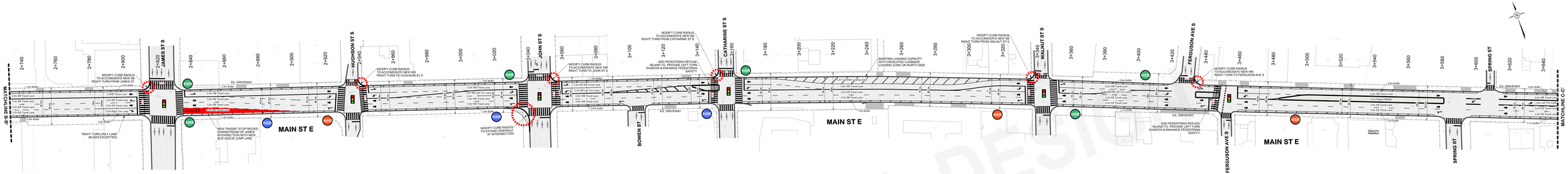
SURVEY DATE: YYYY-MM | CHECKED: JS | SCALE: 1:500

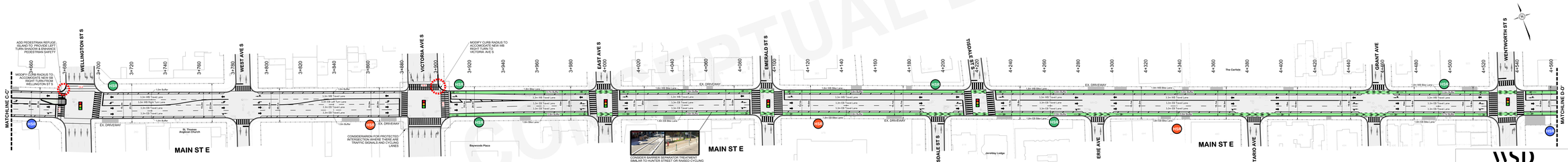
PRINTED: 2023-09-07 | DESIGN: TDC, MT | DRAWING No.: DT-1

wsp
100 COMMERCE VALLEY DRIVE WEST, THORNHILL
L3T 0A1 ONTARIO, TEL: 905-882-1100 FAX: 905-882-0055

2023-FEB-9 BRAE

DT-1 LOCATION FRID STREET TO MACNAB STREET SOUTH





LEGEND

PROPOSED	EXISTING	PROPOSED	EXISTING
	TRAFFIC SIGNAL CONTROLLER		FACE OF CURB, BACK OF CURB
	DISCONNECT BOX SERVICE ENTRANCE		FRONT OF GUTTER, FACE OF CURB
	TRAFFIC JUNCTION BOX		BACK OF GUTTER, FACE OF CURB, EDGE OF PAVEMENT
	TRAFFIC HANDHOLE		UNGRASS EDGE OF PAVEMENT
	POLE		CONCRETE
	POST		VEHICLE APPROACH / DRIVEWAY
	OVERHEAD LINE CONTROL ARM AND SIGNS		BOTTOM OF PEDESTRIAN CURB DEPRESSION
	PAVEMENT MARKING LINES		FENCE LINE
	PAVEMENT MARKING STENCILS		ROAD ALLOWANCE / PROPERTY LINE
	PARKING METERS DOUBLE-HEAD, SINGLE-HEAD		
	FIRE HYDRANT		
P.P.L.	POINT OF INTERSECTION		
T.P.	TANGENT POINT		

EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZED INTERSECTION
EXISTING TRANSIT STOP
FUTURE TRANSIT STOP
EXISTING TRANSIT STOP REMOVAL

POLE CODES (Format: TYPE, LENGTH, OWNER, POLE NO. (MAY BE TRUNCATED))

TYPE		OWNER	
CP	CONCRETE	BELL	BELL TELEPHONE
CP-T	CONCRETE-TEMPORARY	C	CITY: STREET LIGHTING
DP-C	DECORATIVE CONCRETE	HO	HYDRO ONE
DP-M	DECORATIVE METAL	HC	HORIZON UTILITIES
GP	GUY POLE	MTO	ONT. MINISTRY OF TRANSPORTATION
SU	SIGNAL UTILITY	T	CITY: TRAFFIC
WP	WOOD	T-HD	CITY: TRAFFIC, HEAVY DUTY
WP-T	WOOD-TEMPORARY	PVT	PRIVATE

PARKING REGULATIONS

NRESS	NO REGULATIONS	CLZ	COMMERCIAL LOADING ZONE
NPA	NO PARKING ANYTIME	CVLZ	COMMERCIAL VEHICLE LOADING ZONE
NSA	NO STOPPING ANYTIME	SBLZ	SCHOOL BUS LOADING ZONE
NSAM	NO STOPPING 7am-9am	WCLZ	WHEELCHAIR LOADING ZONE
NSPM	NO STOPPING 4pm-6pm	ASP	ALTERNATE SIDE PARKING

STANDARD PRACTICES, UNLESS NOTED

- DIMENSIONS WITH DECIMAL PLACES ARE METRES; WHOLE NUMBERS ARE MILLIMETRES.
- TACTILE WARNING STRIPS ARE 610mm WIDE AND 1200mm LONG; HAVE WHEELCHAIR DEPRESSIONS BETWEEN CROSSWALK LINES
- DIRECTIONAL LINES IN PEDESTRIAN CROSSINGS NOT SHOWN.
- CROSSING STRIPES FOR LADDER CROSSWALKS TO BE 450mm WIDE WITH 450mm SPACING.
- POINT OF INTERSECTION TO CROSSWALK: 0.5m
- POINT OF INTERSECTION TO TERMINUS OF LONGITUDINAL PAINT LINES WHERE NO STOP BAR: 3.0m
- STOP BAR TO CROSSWALK: 1.5m; 12m BACK FROM CROSSWALK
- SPEED LIMIT 50 km/h
- BICYCLE SIGNAGE AND MARKINGS FROM OTM BOOK 18 AND TAC BIKEWAY TRAFFIC CONTROL GUIDELINES FOR CANADA, FEB. 2012.
- LINE DIMENSIONS TO ℄ OF MARKINGS, AND EDGE OF ASPHALT.

0 10 20 30 40 50 METRES

wsp
100 COMMERCE VALLEY DRIVE WEST, THORNHILL,
L3T 0A1, ONTARIO, TEL: 905.882.1100, FAX: 905.882.0055

No.	DATE	DRAWN	REVISION DETAILS
1	2023-09-07	WY	ISSUED FOR FINAL SUBMISSION - CONCEPTUAL DESIGN

APPROVAL:

SENIOR PROJECT MANAGER OF TRANSPORTATION ENGINEERING
MM-DD-YYYY

MANAGER OF TRANSPORTATION OPERATIONS
MM-DD-YYYY

FUNCTIONAL DESIGN PLAN
MAIN STREET EAST
JAMES STREET SOUTH TO WENTWORTH STREET SOUTH

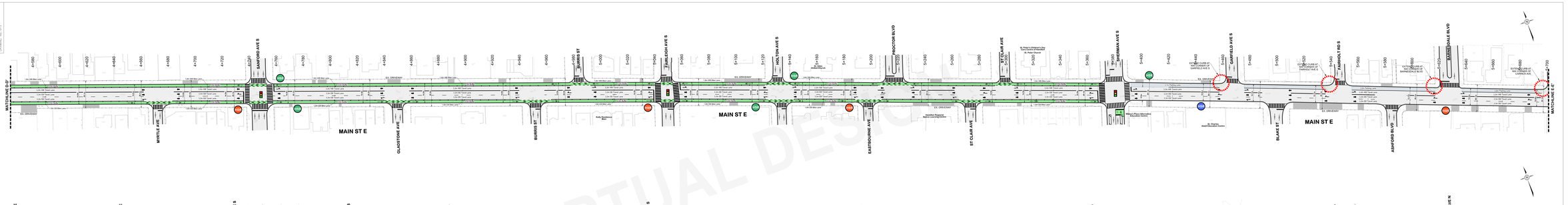
IN THE CITY OF HAMILTON

PREPARED BY: THE CITY OF HAMILTON,
TRANSPORTATION OPERATIONS, PUBLIC WORKS DEPARTMENT

SURVEY DATE: YYYY-MM | CHECKED: JS | SCALE: 1:500

PRINTED: 2023-09-07 | DESIGN: TDC, MY | DRAWING No.: DT-2

CONCEPTUAL DESIGN



CONCEPTUAL DESIGN

LEGEND

PROPOSED	EXISTING	
		TRAFFIC SIGNAL CONTROLLER
		DISCONNECT BOX, SERVICE ENTRANCE
		TRAFFIC JUNCTION BOX
		TRAFFIC HANDHOLE
		POLE
		POST
		OVERHEAD-LANE CONTROL WRN AND SIGNS
		PAVEMENT MARKING ARROW
		PAVEMENT MARKING STENCILS
		PARKING METERS (DOUBLE HEAD, SINGLE HEAD)
		FIRE HYDRANT
P.I.	P.I.	POINT OF INTERSECTION
T.P.	T.P.	TANGENT POINT

PROPOSED	EXISTING
	FACE OF CURB, BACK OF CURB
	FRONT OF GUTTER, FACE OF CURB
	FRONT OF GUTTER, FACE OF CURB
	BACK OF CURB
	UNJOINED EDGE OF PAVEMENT
	CONCRETE
	VEHICLE APPROACH / DRIVEWAY
	DEPRESSED PEDESTRIAN CURB
	CURB
	FENCE LINE
	ROAD ALLOWANCE / PROPERTY LINE

	EXISTING SIGNALIZED INTERSECTION
	PROPOSED SIGNALIZED INTERSECTION
	FUTURE TRAFFIC STOP
	FUTURE TRAFFIC STOP
	EXISTING TRAFFIC STOP REMOVAL

POLE CODES (FORMAT: TYPE, LENGTH, OWNER, POLE NO. (MAY BE TRUNCATED))

		OWNER	
CP	CONCRETE	B	BELL TELEPHONE
CP-T	CONCRETE (TEMPORARY)	C	CITY, STREET LIGHTING
CP-W	CONCRETE WITH ARM	H	HYDRO ONE
GP-W	GEOTEXTILE METAL	HO	HORIZON UTILITIES
MP	METAL	MTO	MINISTRY OF TRANSPORTATION
MP-T	METAL (TRUSS)	P	PRIVATE
WP	WOOD	T-HD	CITY, TRAFFIC HEAVY DUTY
WP-T	WOOD (TEMPORARY)	T-LD	CITY, TRAFFIC

PARKING REGULATIONS

NPZ0	NO REGULATIONS
NPA	NO PARKING ANYTIME
NPSH	NO PARKING 1hr-3hrs
NSDH	NO STOPPING 1hr-3hrs
NSPM	NO STOPPING 1pm-6pm
NPZ	NO PARKING ZONE
CVZ	COMMERCIAL VEHICLE LOADING ZONE
PZ	PASSENGER LOADING ZONE
WCZ	WHEELCHAIR LOADING ZONE
ASP	ALTERNATE SIDE PARKING

STANDARD PRACTICES, UNLESS NOTED

- DIMENSIONS WITH DECIMAL PLACES ARE METRES WHOLE NUMBERS ARE MILLIMETRES.
- PEDESTRIAN CROSSWALKS ARE 4.0m WIDE WITH 600mm WIDE TACTILE PAVE WHEELCHAIR DEPRESSIONS BETWEEN CROSSWALK LINES
- DIAGONAL LINES IN PEDESTRIAN CROSSWALKS NOT SHOWN.
- CROSSING STRIPES FOR LADDER CROSSWALKS TO BE 450mm WIDE WITH 450mm SPACING.
- STOP BAR WIDTH IS 0.6m AT TRAFFIC SIGNALS.
- POINT OF INTERSECTION TO TERMINUS OF LONGITUDINAL PAINT LINES WHERE NO STOP BAR 0.3m.
- STOP BAR WIDTH 0.3m AT 1.0m SET BACK FROM CROSSWALK.
- ALL DIMENSIONS ARE.
- BICYCLE SIGNAL AND WARRANTS FROM OTM BOOK 18 AND FULL BREAKAY TRAFFIC CONTROL GUIDELINES FOR CANADA,FEB 2012.
- LINE DIMENSIONS TO 0 (0 WARRANCE AND EDGE OF ASPHALT.

No.	DATE	DRAWN	REVISION DETAILS
1	2023-09-07	MP	ISSUED FOR FINAL SUBMISSION - CONCEPTUAL DESIGN

APPROVAL

DESIGN PROJECT MANAGER OF TRANSPORTATION DRAWING

DATE:

MANAGER OF TRANSPORTATION DRAWING

DATE:

wsp
100 CONSCIENCE VALLEY DRIVE WEST, THORNHILL, LOT 6A1, ONTARIO, TEL: 905.882.1100, FAX: 905.882.0450

FUNCTIONAL DESIGN PLAN
MAIN STREET EAST
SANFORD AVENUE SOUTH TO THE DELTA AT KING STREET

IN THE CITY OF HAMILTON

PREPARED BY: THE CITY OF HAMILTON, TRANSPORTATION PLANNING & ENGINEERING DEPARTMENT

SURVEY DATE:	CHECKED:	SCALE: 1:500
PRINTED: 2023-09-07	DESIGN: MP	DRAWING No.: DT-3

LAYOUT: DRAWING - MAIN STREET EAST - DT-3 - DT-3.DWG
2023-09-14 9:56:2