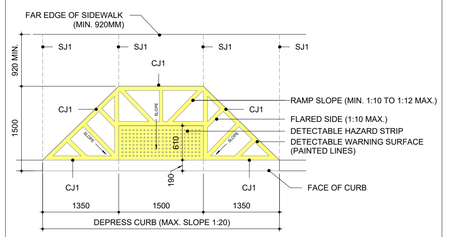
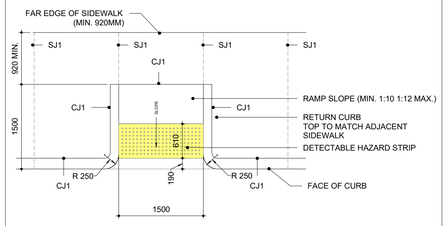
7 / A2.9 — 2-0008 - AODA RAMP-1 AODA PARKING SPACE DETAILS



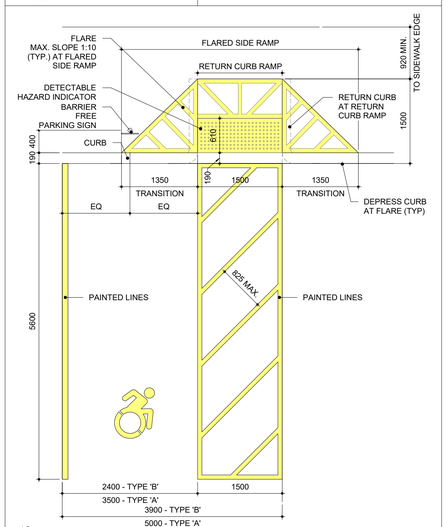
FLARED CURB RAMP DETAILS (WHERE INDICATED)



RETURN CURB RAMP DETAILS (WHERE INDICATED)

AODA MANDATORY REQUIREMENT

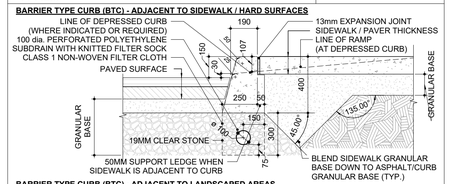
6 / A2.9 — 2-0008 - AODA PARK-1 - AODA PARKING SPACE DETAILS



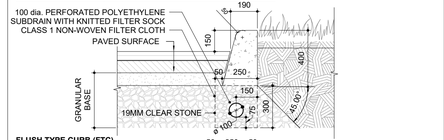
AODA MANDATORY REQUIREMENT

4 / A2.9 — 2-0011 - CD-1 - CURB DETAILS

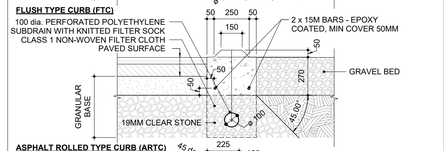
BARRIER TYPE CURB (BTC) - ADJACENT TO SIDEWALK / HARD SURFACES



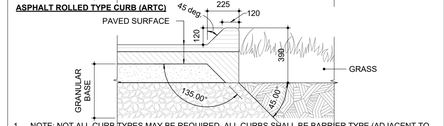
BARRIER TYPE CURB (BTC) - ADJACENT TO LANDSCAPED AREAS



FLUSH TYPE CURB (FTC)



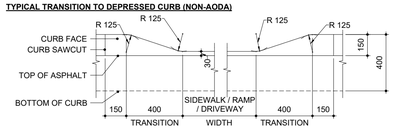
ASPHALT ROLLED TYPE CURB (ARTC)

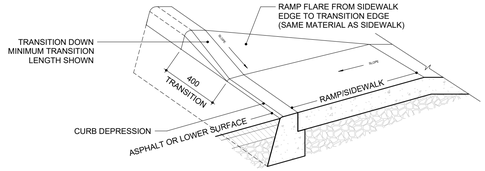


1. NOTE: NOT ALL CURB TYPES MAY BE REQUIRED. ALL CURBS SHALL BE BARRIER TYPE (ADJACENT TO SIDEWALK / HARD SURFACES OR LANDSCAPED AREAS) UNLESS SPECIFICALLY NOTED OTHERWISE
2. CONCRETE SHALL BE CLASS C2, 32MPa, 5-8% AIR CONTENT WITH A MAX. SLUMP OF 80MM

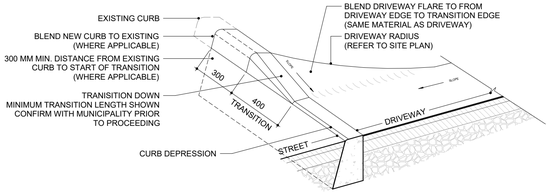
1 / A2.9 — 2-0012 - CD-2 - CURB AND RAMP DETAILS - SIDEWALKS AND DRIVEWAY ENTRANCES

TYPICAL TRANSITION TO DEPRESSED CURB (NON-AODA)



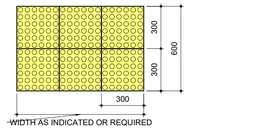


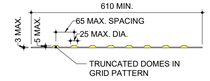
TYPICAL TRANSITION TO DEPRESSED CURB AT SIDEWALKS / RAMPS (NON-AODA)



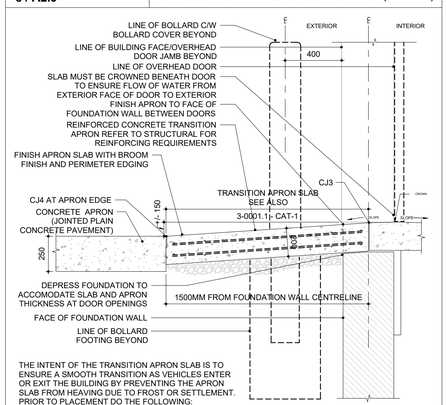
TYPICAL TRANSITION TO DEPRESSED CURB AT DRIVEWAY ENTRANCES (NON-AODA)

DETECTABLE HAZARD INDICATOR REQUIREMENTS





8 / A2.9 — 3-0002 - CAC-1 - CONCRETE TRANSITION APRON TYPICAL (CONCRETE)



THE INTENT OF THE TRANSITION APRON SLAB IS TO ENSURE A SMOOTH TRANSITION AS VEHICLES ENTER OR EXIT THE BUILDING BY PREVENTING THE APRON SLAB FROM HEAVING DUE TO FROST OR SETTLEMENT.
PRIOR TO PLACEMENT DO THE FOLLOWING:

1. DETERMINE THE LOCATION OF DOOR EXTERIOR FACE AND ENSURE THAT THE INTERIOR SLAB SLOPES DOWN FROM THIS POINT TO THE EXTERIOR
2. ENSURE THAT APRON WILL CONTINUE THIS SLOPE CONSISTENTLY TO DIRECT WATER AWAY FROM THE FACE OF THE DOOR

UNDER NO CIRCUMSTANCES SHALL WATER BE DIRECTED TOWARD BUILDING

ALL REINFORCING STEEL EPOXY COATED
CONCRETE SHALL BE CLASS C2, 32MPa, 5-8% AIR CONTENT WITH A MAX. SLUMP OF 80MM

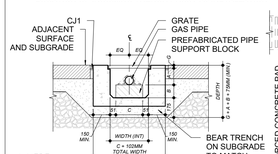
5 / A2.9 — 11-0007 - GD-2 - GENERATOR DETAIL (EXTERIOR)

CONCRETE GENERATOR PAD NOTES:

1. DETERMINE SIZE OF GENERATOR SKID FRAME (OR SUBBASE TANK)
2. DETERMINE LOCATION OF STUB UPS FOR GENERATOR SKID FRAME (OR SUBBASE TANK)
3. DETERMINE DIMENSIONS OF WEATHER ENCLOSURE (LENGTH AND WIDTH) TO DETERMINE LONGEST DIMENSIONS.
   NOTE: CONCRETE PAD SHALL PROJECT MINIMUM 300MM BEYOND EXTERIOR FACES OF ENCLOSURE. IF CALCULATION BELOW RESULTS IN SLAB PROJECTION OF <300MM ADJUST LENGTH AND WIDTH OF PAD ACCORDINGLY TO MAINTAIN MIN 300MM.
4. SET LENGTH AND WIDTH OF CONCRETE GENERATOR PAD AS FOLLOWS:
   A. PAD LENGTH = SKID (OR TANK) LENGTH + 1800MM
   B. PAD WIDTH = SKID (OR TANK) WIDTH + 1200MM
   C. DEPTH OF CONCRETE PAD SHALL BE MIN. 305MM
5. PAD SHALL BE CONCRETE SLAB ON GRADE, 25MPA, CLASS C2 C/W 19M @300MM T&BEW.
6. SYNTHETIC FIBER REINFORCING IS NOT ACCEPTABLE.
7. PLACE SLAB ON MIN 300MM GRANULAR SUBASE COMPACTED TO 100% STANDARD PROCTOR DENSITY
8. TOP OF SLAB SHALL BE FINISHED FLAT AND LEVEL TO WITHIN 12.7MM.

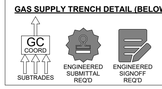
AS PART OF SHOP DRAWING SUBMISSION. CONFIRM GENERATOR PAD WEIGHT MEETS GENERATOR REQUIREMENTS. IF PAD DOES NOTE MEET GENERATOR REQUIREMENTS ADJUST PAD DIMENSIONS TO SUIT CONDITION. CONTRACTOR TO COORDINATE WITH SUPPLIERS / MANUFACTURERS ACCORDINGLY.

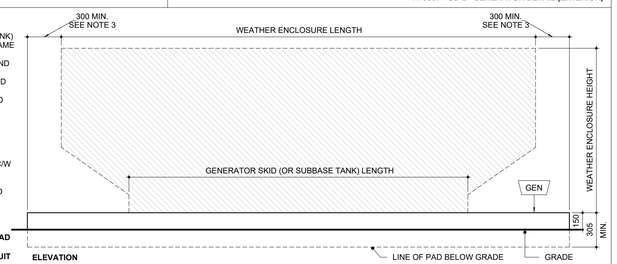
** WHERE GAS LINE TO GENERATOR IS BELOW GRADE REFER TO GAS TRENCH SUPPLY DETAIL (BELOW)
INSTALLATION SHALL CONFORM TO ALL APPLICABLE CODES
NOTE: INCOMING TRENCH LOCATION IS SCHEMATIC. CONFIRM LOCATION OF INCOMING TRENCH PRIOR TO INSTALLATION

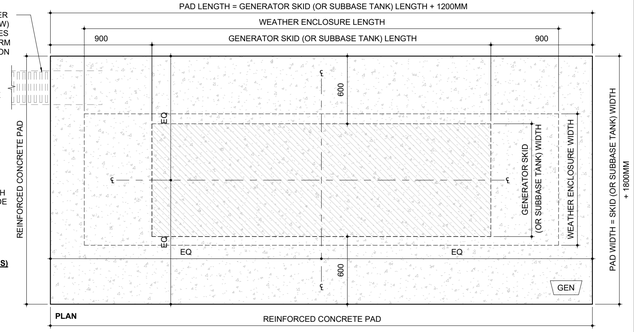


WHERE
A - REQUIRED CLEARANCE FOR GAS LINE
B - PIPE SUPPORT BLOCK HEIGHT
C - PIPE SUPPORT BLOCK WIDTH
G - TRENCH GRATE DEPTH

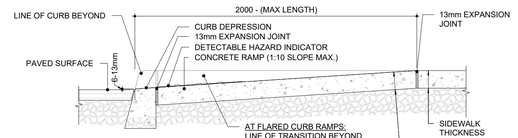
GAS SUPPLY TRENCH DETAIL (BELOW GRADE INSTALLATIONS)







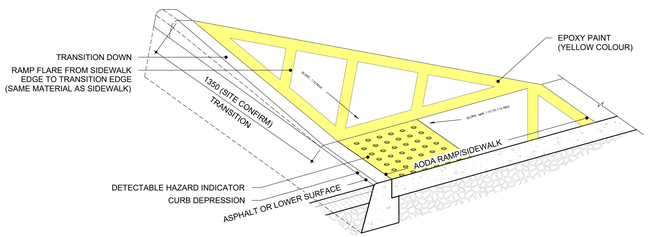
2 / A2.9 — 2-0013 - CD-3 - AODA RAMP DETAILS



AODA MANDATORY REQUIREMENT

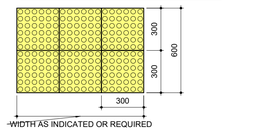
CURB RAMP AT AODA PARKING SPACES

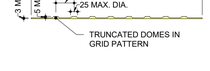
TYPICAL TRANSITION TO DEPRESSED CURB - AODA FLARED CURB RAMPS



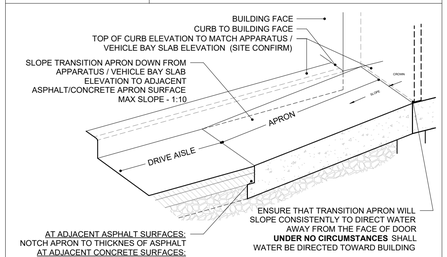
TYPICAL TRANSITION TO DEPRESSED CURB - AODA FLARED CURB RAMPS

DETECTABLE HAZARD INDICATOR REQUIREMENTS





3-0001.1 - CAT-1 - CONCRETE TRANSITION APRON TYPICAL (AXO)



TYPICAL APRON TRANSITION FROM APPARATUS/VEHICLE BAY TO DRIVEWAY

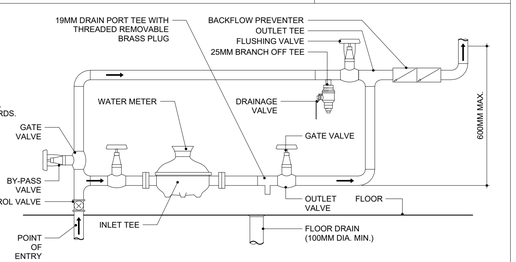
3 / A2.9 — 11-0003 - IWS-1 - INCOMING WATER SERVICE

THE INTENT OF THE DETAIL IS TO ENSURE A COMPLETE AND COMPLIANT INSTALLATION. **WITHOUT EXCEPTION** CONTRACTOR SHALL ENSURE THAT INSTALLATION CONFORMS TO MUNICIPAL STANDARD DETAILS AND AUTHORITIES HAVING JURISDICTION. INSTALLATION AS SHOWN IS SCHEMATIC. COMPONENTS SHOWN (OR NOT SHOWN) IS SUBJECT TO MUNICIPAL REQUIREMENTS. THIS DRAWING IS SUPPLEMENTAL TO MECHANICAL AND CIVIL DRAWINGS

NOTES:

1. CLEARANCES TO WALL(S) IN ACCORDANCE WITH MUNICIPAL STANDARDS
2. UNLESS OTHERWISE NOTED, INSTALLATION OF WATER METER(S) IS PART OF CONTRACT.
3. BACKFLOW PREVENTER(S) TO BE INSTALLED IN ACCORDANCE WITH MUNICIPAL STANDARDS.

GC COORD
SUBTRADES
* MULTIPLE SUBTRADE COORDINATION REQ'D



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ISSUE OR REVISION

NO.	ISSUED FOR	DATE
12	2022 UPDATE	2022-12-20
17	SPA - REVISION	2023-08-30
18	ISSUED FOR PERMIT	2023-09-15
19	ISSUED FOR RFPQ	2023-10-19
24	ISSUED FOR CLASS A	2024-02-16
26	T24-253 - IFT	2024-04-15

FILE NO. SP.22.V.0191

PROJECT :

CITY OF VAUGHAN FIRE STATION 7-12

9511 WESTON ROAD, VAUGHAN

CLIENT

VAUGHAN

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO COMMENCEMENT OF THE WORK. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANT.

ARCHITECT
THOMASBROWNARCHITECTS
197 SPADINA AVENUE, SUITE 500 ǂ TORONTO ONTARIO ǂ M5T 2C8

PROFESSIONAL SEAL

DWG TITLE

GENERAL SITE DETAILS

ORIENTATION

DATE 2021-11-24

SCALE As indicated | DRAWN BY SRL

DWG STATUS : TENDER

PROJECT No. 2104

DRAWING No. **A2.9** | REVISION 26

2024-04-19 10:45:16 AM