

NEW TEMPORARY PARKING AREA NOTES:

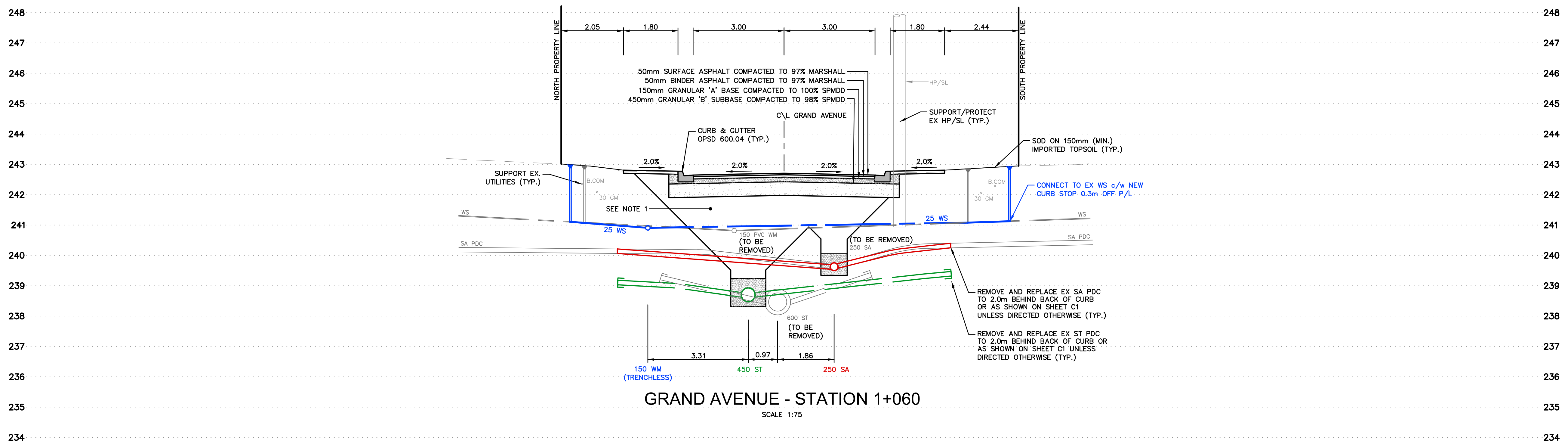
- INSTALL 0.15m RECYCLED ASPHALT ON TOP OF 0.3m CRUSHED CONCRETE IN TEMPORARY PARKING LOT.
- CONTRACTOR TO PROVIDE GENERAL CONSTRUCTION LIGHTING FOR TEMPORARY PARKING LOT ON TEMPORARY LIGHT POLES. LIGHTING TO BE 400K CCT 6/4" AUTOMATIC ON/OFF FUNCTIONALITY VIA PHOTO-CELL CONTROL. LIGHTING TO FOLLOW IES RP-8-18 RECOMMENDATIONS AND CITY OF LONDON REQUIREMENTS FOR TEMPORARY LIGHTING. CONTRACTOR RESPONSIBLE TO COORDINATE TEMPORARY ELECTRICAL CONNECTION AND POST-CONSTRUCTION WITH LONDON HYDRO AND PAY ALL ASSOCIATED FEES.
- CONTRACTOR TO REMOVE RECYCLED ASPHALT SURFACE AND RESTORE WITH 150mm IMPORTED TOPSOIL AND MTO ROADSIDE MIX HYDROSEED.
- CONTRACTOR TO REMOVE AND DISPOSE OF TEMPORARY LIGHTING EQUIPMENT.

EXISTING TEMPORARY PARKING AREA NOTES:

- CONTRACTOR TO MAINTAIN EXISTING PARKING AREA DURING 2026 CONSTRUCTION.
- CONTRACTOR TO REMOVE EXISTING RECYCLED ASPHALT SURFACE AND RESTORE WITH 150mmr IMPORTED TOPSOIL AND MTD ROADSIDE MIX HYDROSEED.
- CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING TEMPORARY LIGHTING EQUIPMENT.

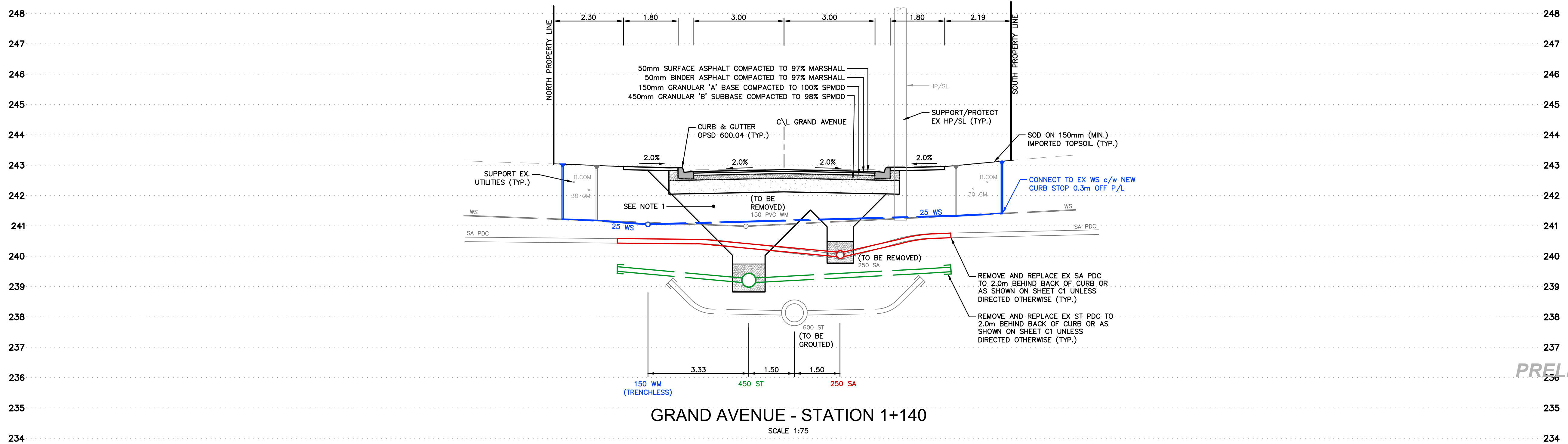
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NOTE:

1. APPROVED NATIVE TRENCH BACKFILL TO BE PLACED IN MAXIMUM 300mm LOOSE LIFTS AND UNIFORMLY COMPACTED TO AT LEAST 98% SPMDD. THE UPPER 1 METRE OF TRENCH BACKFILL THAT FORMS THE ROADWAY SUBGRADE TO BE PLACED IN MAXIMUM 200mm LIFTS AND UNIFORMLY COMPACTED TO AT LEAST 98% SPMDD.



PRELIMINARY

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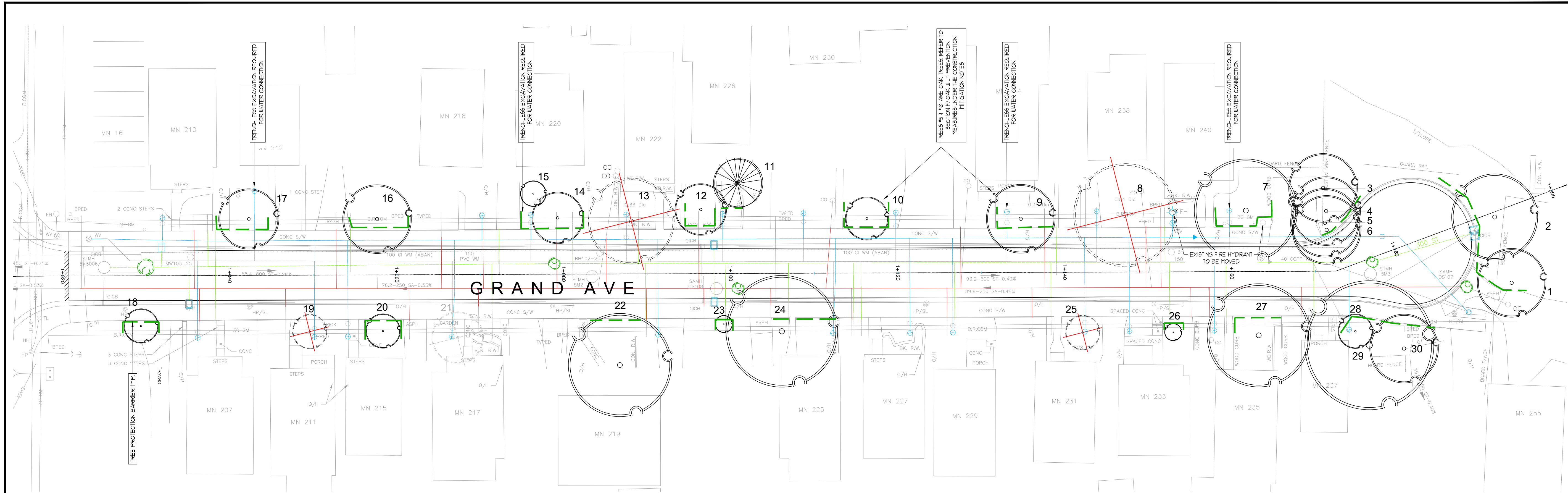
1	SOLID YELLOW, 10cm
2	SOLID WHITE, 40cm

1. USE TO DENOTE PAVEMENT MARKING
2. LANE MARKING DIMENSION ARE CENTRELINE TO CENTRELINE OR EDGE OF ASPHALT TO CENTRELINE.

RIP	REMAIN IN PLACE
RR	REMOVE AND REINSTALL
d	U-CHANNEL POST AND STABILIZER AS PER SR-19.1

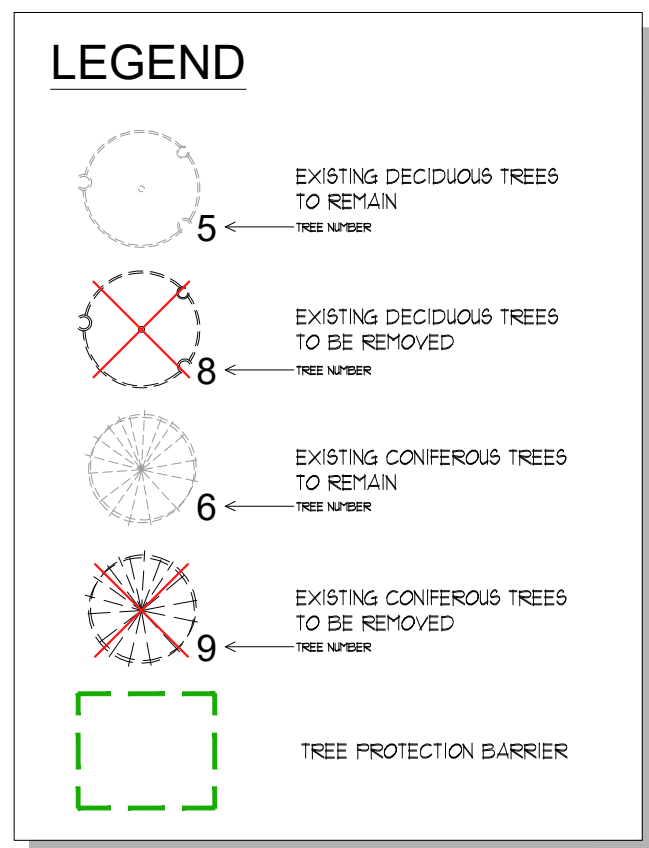
PRELIMINARY

EXISTING SERVICES	DRAWING #, SOURCE	DATE	AS CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT	CONSULTANT OR DIVISION	ENGINEER'S STAMP	PROJECT No.
					DESIGN JMP	0.	ISSUED FOR TENDER	MAR 16, 2026	AECOM			

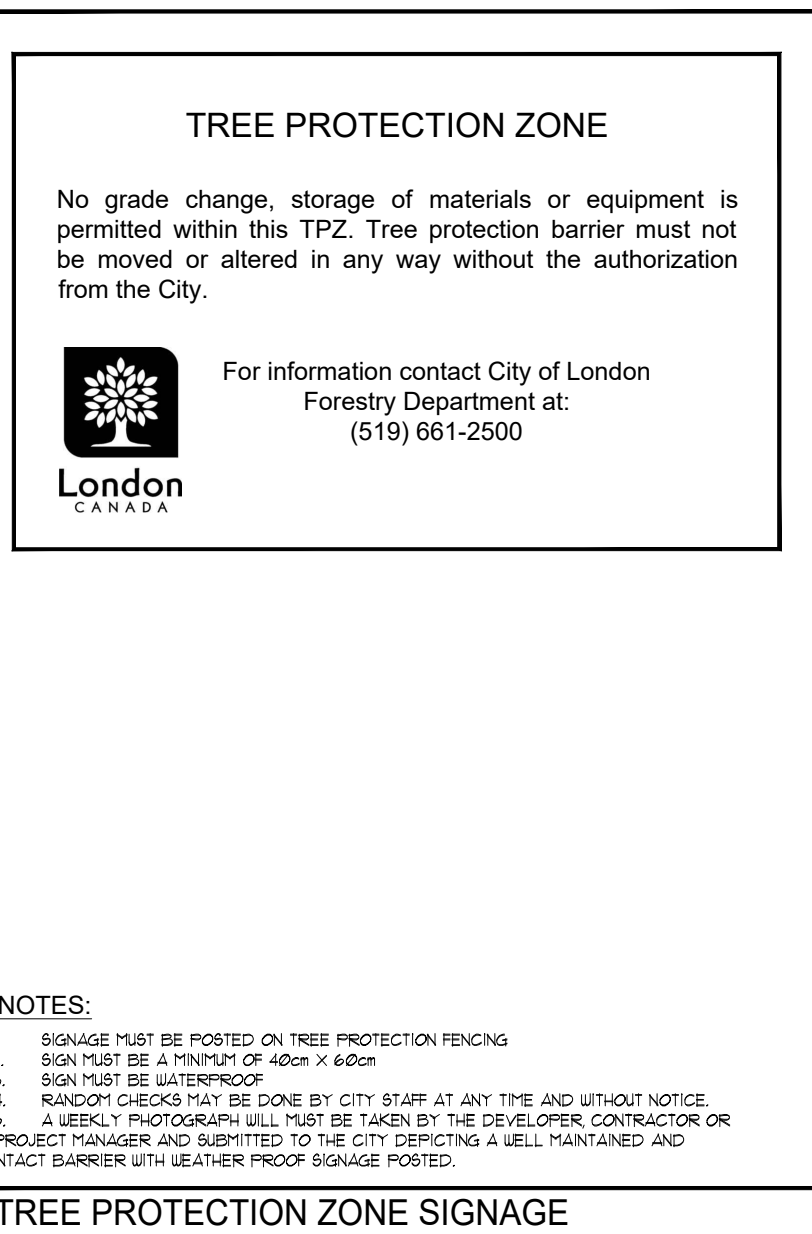
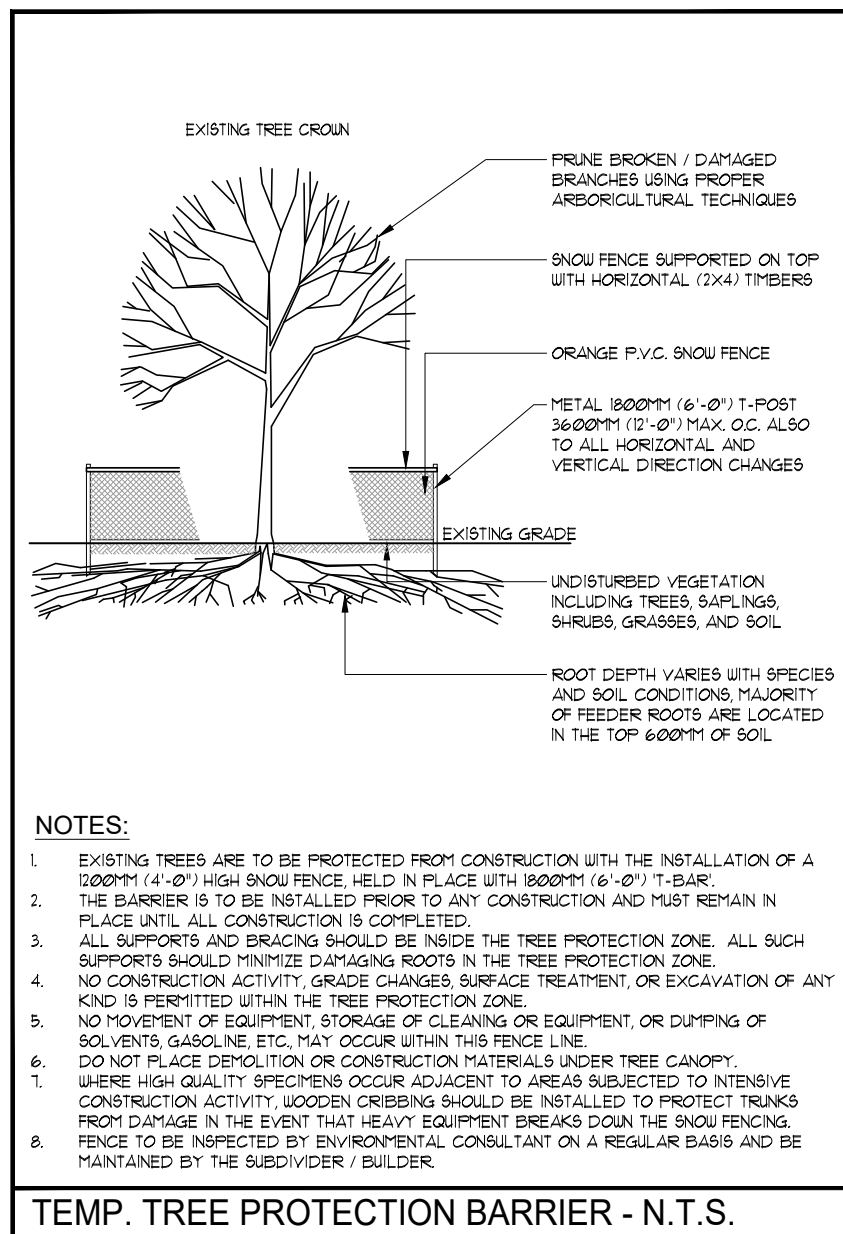


TREE PRESERVATION PLAN

SCALE = 1:250



WHERE TREE PRESERVATION FENCING IS INSTALLED ADJACENT TO AND PARALLEL WITH AN EXISTING CURB OR SIDEWALK, IT SHALL BE PLACED A MAXIMUM OF 300 mm FROM THE BACK OF CURB OR EDGE OF SIDEWALK. THIS PLACEMENT IS INTENDED TO ADEQUATELY PROTECT EXISTING TREES WHILE FACILITATING CONSTRUCTION ACTIVITIES WITH THE FENCING IN PLACE.



CONSTRUCTION IMPACT MITIGATION RECOMMENDATIONS

- PRE-CONSTRUCTION RECOMMENDATIONS
- a) PRIOR TO ANY CONSTRUCTION ACTIVITY, TREE PRESERVATION FENCING IS TO BE INSTALLED AS PER THE ATTACHED TREE PRESERVATION DRAWINGS, AND DETAILS AND TO BE REVIEWED/ACCEPTED BY THE CONSULTING LANDSCAPE ARCHITECT OR ARBORIST.
- b) TREES TO BE REMOVED MUST BE CLEARLY MARKED VIA SPRAY PAINT OR OTHER AGREED UPON METHODS PRIOR TO REMOVAL. TREE MARKING CAN BE COMPLETED BY PROJECT ARBORIST, CITY OF LONDON CONSTRUCTION ADMINISTRATOR, OR APPROVED APPOINTEE.
- c) IN ACCORDANCE WITH THE MIGRATORY BIRDS CONVENTION ACT, 1994, ALL REMOVALS MUST TAKE PLACE BETWEEN SEPTEMBER 1ST AND MARCH 31ST TO AVOID DISTURBING NESTING MIGRATORY BIRDS. IF TREE REMOVAL OCCURS BETWEEN APRIL 1ST AND AUGUST 31ST, A BIOLOGIST IS REQUIRED TO COMPLETE A SEARCH FOR NESTS. ONCE CLEARED, THE CONTRACTOR HAS 48 HOURS TO REMOVE. IF REMOVAL DOES NOT OCCUR WITHIN 48 HOURS, ANOTHER SEARCH WILL BE REQUIRED.
- d) CARE SHOULD BE TAKEN DURING THE FELLING OPERATION TO AVOID DAMAGING THE BRANCHES, STEMS, TRUNKS, AND ROOTS OF NEARBY TREES TO BE PRESERVED. WHERE POSSIBLE, ALL TREES ARE TO BE FELLED TOWARDS THE CONSTRUCTION ZONE TO MINIMIZE IMPACTS ON ADJACENT VEGETATION. ALL REMOVALS TO BE UNDERTAKEN BY AN ISA CERTIFIED ARBORIST.
- e) IT IS RECOMMENDED THAT THE EXISTING GROUND-LAYER VEGETATION (TYPICALLY TURF) AT THE BASE OF TREES TO BE PRESERVED REMAIN INTACT WITHIN THE CRITICAL ROOT ZONE SO AS NOT TO DISTURB THE SOIL AROUND THE BASE OF THE EXISTING TREES.
- f) FINAL SITE GRADING PLANS SHOULD ENSURE THAT THE EXISTING SOIL MOISTURE CONDITIONS ARE MAINTAINED.

- RECOMMENDATIONS RELATED TO THE CONSTRUCTION PROCESS
- a) TREE PRESERVATION FENCING IS TO BE MAINTAINED IN GOOD CONDITION AND EFFECTIVE FOR THE DURATION OF CONSTRUCTION UNTIL ALL CONSTRUCTION ACTIVITY IS COMPLETE OR AS PER THE PROJECT ARBORIST OR LANDSCAPE ARCHITECT.
- b) TREE PRESERVATION FENCING IS TO REMAIN INTACT AS PER THE TREE PRESERVATION DRAWINGS, AND CAN ONLY BE TEMPORARILY REMOVED WITH THE EXPRESS WRITTEN CONSENT FROM THE PROJECT ARBORIST OR LANDSCAPE ARCHITECT. SHOULD TREE PRESERVATION FENCING NEED TO BE TEMPORARILY RELOCATED OR MOVED TO FACILITATE CONSTRUCTION, IT IS TO BE REINSTATED AS PER THE TREE PRESERVATION PLANS AS SOON AS POSSIBLE. THE PROJECT ARBORIST IS TO BE IMMEDIATELY INFORMED IF TREE PRESERVATION FENCING IS TEMPORARILY REMOVED.
- c) NO CONSTRUCTION, EXCAVATION, ADDING OF FILL, STOCKPILING OF CONSTRUCTION MATERIAL, OR HEAVY EQUIPMENT IS PERMITTED WITHIN THE TREE PROTECTION ZONE.
- d) WHEN EXCAVATION NEAR A TREE IS REQUIRED, AND IT IS ANTICIPATED THAT ROOTS WILL BE SEVERED AND EXPOSED, DURATION OF EXPOSURE IS TO BE MINIMIZED TO PREVENT ROOT DESICCATION.
- e) DURING THE EXCAVATION PROCESS, ROOTS 25MM OR LARGER THAT ARE SEVERED AND EXPOSED SHOULD BE HAND PRUNED TO LEAVE A CLEAN-CUT SURFACE, TO BE UNDERTAKEN BY AN ISA CERTIFIED ARBORIST. EXPOSED SEVERED ROOTS THAT CANNOT BE COVERED IN SOIL ON THE SAME DAY AS THE CUTS ARE MADE ARE TO BE KEPT MOIST. EXPOSED ROOTS ARE TO BE KEPT MOIST BY COVERING THEM WITH WATER SOAKED BURLAP OR ANY OTHER MEANS AVAILABLE TO PREVENT THEM FROM DRYING OUT. ADEQUATE MOISTURE LEVELS ARE TO BE MAINTAINED UNTIL SUCH TIME AS TOPSOIL HAS BEEN REPLACED SATISFACTORILY OR AS OTHERWISE DIRECTED BY THE CONTRACT ADMINISTRATOR.
- f) OAK WILT PREVENTION MEASURES
- WHERE ROOT OR BRANCH PRUNING OF OAK (QUERCUS SPP.) TREES IS

REQUIRED, ALL CUT SURFACES SHALL BE IMMEDIATELY SEALED WITH AN APPROPRIATE LATEX-BASED PAINT TO REDUCE THE RISK OF OAK WILT TRANSMISSION. PRUNING OF OAK TREES SHOULD BE AVOIDED DURING THE HIGH-RISK PERIOD (GENERALLY APRIL THROUGH JULY) UNLESS ABSOLUTELY NECESSARY FOR CONSTRUCTION PURPOSES. IF PRUNING DURING THIS PERIOD IS UNAVOIDABLE, IMMEDIATE SEALING OF ALL CUT SURFACES IS MANDATORY. ALL WORK TO BE UNDERTAKEN BY AN ISA CERTIFIED ARBORIST IN ACCORDANCE WITH CURRENT PROVINCIAL GUIDELINES.

g) AVOID IDLING HEAVY EQUIPMENT UNDER OR WITHIN CLOSE PROXIMITY TO TREES TO BE PRESERVED TO PREVENT CANOPY DAMAGE FROM EXPOSURE TO THE HEAT OF THE EXHAUST.

h) SHOULD BRANCHES ON CITY OWNED TREES BE DAMAGED BY OR DURING CONSTRUCTION, THE CONTRACTOR IS TO NOTIFY CITY OF LONDON FORESTRY OPERATIONS AS SOON AS POSSIBLE. NO PERSON(S) OTHER THAN CITY STAFF OR THE CITY'S DESIGNATED CONTRACTOR MAY PERFORM WORK ON ANY CITY TREE.

- i) OPEN TRENCHING WITHIN A CRITICAL ROOT ZONE IS PROHIBITED.
- ALTERNATIVE EXCAVATION METHODS SUCH AS HORIZONTAL BORING AND VACUUM/TRENCHLESS EXCAVATION ARE REQUIRED WHERE PROPOSED SERVICES OR INSTALLATION REQUIREMENTS CONFLICT WITH CRITICAL ROOT ZONES. IF, DURING CONSTRUCTION, THERE IS CONCERN REGARDING THE FEASIBILITY OF EMPLOYING PROPOSED TRENCHLESS EXCAVATION METHODS, THE CONTRACTOR IS TO IMMEDIATELY INFORM AND CONSULT WITH THE CONTRACT ADMINISTRATOR, CONSULTING ENGINEER AND CONSULTING ARBORIST TO FIND A SOLUTION.
- j) FORM NEW CONCRETE SIDEWALKS, IF PROPOSED, WITH FIBRE EXPANSION MATERIAL IN PLACE OF WOOD FORMS WHERE THE TRUNK FLARE OF A TREE CONFLICTS WITH (IS IN DIRECT CONTACT WITH) EXISTING CONCRETE SIDEWALKS.
- k) SIDEWALKS TO BE REPLACED THAT ARE IN CLOSE PROXIMITY TO TREES SHOULD REMAIN IN PLACE AS LONG AS POSSIBLE OR UNTIL THE REPLACEMENT SIDEWALKS ARE READY TO BE INSTALLED. SPECIFIC LOCATIONS WHERE THIS IS RECOMMENDED WILL BE NOTED ON THE TREE PRESERVATION PLAN.
- l) IT IS RECOMMENDED THAT THE EXISTING GROUND-LAYER VEGETATION AT THE BASE OF TREES REMAIN INTACT WITHIN THE CRITICAL ROOT ZONE SO AS NOT TO DISTURB THE SOIL AROUND THE BASE OF THE EXISTING TREES. THIS INCLUDES THE PRACTICE OF NOT REPLACING EXISTING TURF WITH NEW SOD. A HEAVY APPLICATION OF SEED IN THESE INSTANCES IS PREFERRED.
- m) REGULAR COMMUNICATION WITH THE SITE SUPERVISOR AND REGULAR MONITORING OF THE SITE BY THE PROJECT ARBORIST OR LANDSCAPE ARCHITECT IS RECOMMENDED TO ENSURE PROPER PROCEDURES ARE FOLLOWED AND PROTECTION BARRIERS ARE MAINTAINED.
- IT IS THE RESPONSIBILITY OF THE SITE SUPERVISOR TO PROMPTLY CONTACT THE PROJECT ARBORIST AND/OR FORESTRY OPERATIONS IF ANY CONCERNS OR QUESTIONS ARISE REGARDING TREES.
- n) WATERING OF PRESERVED TREES MAY BE REQUIRED DURING CONSTRUCTION. WATERING DETAILS INCLUDING FREQUENCY, TIMING, METHOD, AND VOLUME WILL BE DETERMINED BY THE CONSULTING ARBORIST AND THE CONTRACT ADMINISTRATOR.

POST-CONSTRUCTION RECOMMENDATIONS

- a) AVOID DISCHARGING RAIN WATER LEADERS ADJACENT TO RETAINED TREES, AS THIS MAY RESULT IN AN OVERLY MOIST ENVIRONMENT WHICH CAN CAUSE ROOT ROT.
- b) AFTER ALL WORK IS COMPLETED, TREE PRESERVATION FENCES AND ANY OTHER IMPACT MITIGATION MATERIALS MUST BE REMOVED UNDER THE DIRECTION OF THE PROJECT ARBORIST OR CONSTRUCTION ADMINISTRATOR.
- c) A FINAL REVIEW MUST BE UNDERTAKEN BY THE PROJECT ARBORIST OR LANDSCAPE ARCHITECT TO ENSURE THAT ALL MITIGATION MEASURES AS DESCRIBED ABOVE HAVE BEEN MET.

TREES RECOMMENDED FOR PRESERVATION (25 TREES)

ID #	GENERAL INFORMATION		LOCATION	SIZE	HEALTH & CONDITION		RECOMMENDATIONS
	BOTANICAL NAME	COMMON NAME			STRUCTURAL INTEGRITY	COMMENTS	
1	<i>Celtis occidentalis</i>	Hackberry	City ROW (255 Grand frontage)	30, 37, 32	4	Fair	tree protection barrier
2	<i>Acer platanoides</i>	Norway Maple	City ROW (255 Grand frontage)	46	5	Good	tree protection barrier
3	<i>Celtis occidentalis</i>	Hackberry	City ROW (240 Grand frontage)	42	4	Poor	tree protection barrier
4	<i>Acer platanoides</i>	Norway Maple	City ROW (240 Grand frontage)	40	4	Good	tree protection barrier
5	<i>Acer platanoides</i>	Norway Maple	City ROW (140 Grand frontage)	29	4	Fair	tree protection barrier
6	<i>Celtis occidentalis</i>	Hackberry	City ROW (240 Grand frontage)	36, 24	4	Poor	tree protection barrier
7	<i>Acer platanoides</i>	Norway Maple	City ROW (240 Grand frontage)	80	6	Good	tree protection barrier
9	<i>Quercus rubra</i>	Red Oak	City ROW (254 Grand frontage)	37	4	Fair	tree protection barrier
10	<i>Quercus rubra</i>	Red Oak	City ROW (230 Grand frontage)	40	4	Good	tree protection barrier
11	<i>Chamaecyparis nootkatensis</i>	Weeping Nootka Cypress	Private (226 Grand)	38	3	Good	tree protection barrier
12	<i>Gleditsia tricanthos</i>	Honey Locust	City ROW (226 Grand frontage)	27	3	Fair	tree protection barrier
14	<i>Acer rubrum</i>	Red Maple	City ROW (220 Grand frontage)	23	3	Good	tree protection barrier
15	<i>Morus alba</i>	White Mulberry	City ROW (220 Grand frontage)	11	15	Good	tree protection barrier
16	<i>Celtis occidentalis</i>	Hackberry	City ROW (212 Grand frontage)	42	4	Good	tree protection barrier
17	<i>Celtis occidentalis</i>	Hackberry	City ROW (210 Grand frontage)	40	3.5	Good	tree protection barrier
18	<i>Amelanchier spp.</i>	Servizeberry	City ROW (207 Grand frontage)	18.5	2	Good	tree protection barrier
20	<i>Amelanchier spp.</i>	Servizeberry	City ROW (205 Grand frontage)	16	2	Good	tree protection barrier
22	<i>Acer saccharum</i>	Silver Maple	Private (219 Grand)	102	6	Fair	tree protection barrier
23	<i>Syringa reticulata</i>	Ivory Silk Lilac	City ROW (225 Grand frontage)	4	1	Good	tree protection barrier
24	<i>Acer platanoides</i>	Norway Maple	City ROW (225 Grand frontage)	81	6.5	Good	tree protection barrier
26	<i>Acer saccharum</i>	Sugar Maple	City ROW (230 Grand frontage)	5	1	Good	tree protection barrier
28	<i>Acer palmatum</i>	Japanese Maple	City ROW (231 Grand frontage)	8	2	Good	tree protection barrier
29	<i>Acer saccharum</i>	Silver Maple	City ROW (237 Grand frontage)	111	7.5	Fair	tree protection barrier
30	<i>Morus alba</i>	White Mulberry	Watson Street Park	32	4	Good	tree protection barrier

TREES RECOMMENDED FOR REMOVAL (4 TREES)

ID #	GENERAL INFORMATION		LOCATION	SIZE	HEALTH & CONDITION		RECOMMENDATIONS
	BOTANICAL NAME	COMMON NAME			STRUCTURAL INTEGRITY	COMMENTS	
8	<i>Acer saccharum</i>	Sugar Maple	City ROW (239 Grand frontage)	87	6	Fair	tree protection barrier
13	<i>Acer platanoides</i>	Norway Maple	City ROW (222 Grand frontage)	64	5	Fair	tree protection barrier
19	<i>Amelanchier spp.</i>	Servizeberry	City ROW (211 Grand frontage)	15	2	Good	tree protection barrier
25	<i>Acer saccharum</i>	Red Maple	City ROW (230 Grand frontage)	28	2	Good	tree protection barrier

KEY MAP



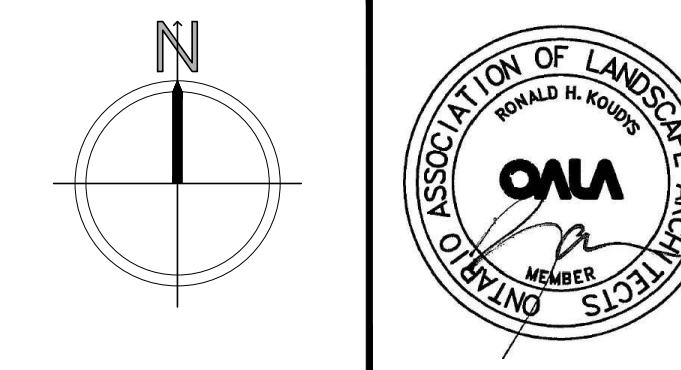
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Ronald H. Koudys, OALA, C.SLA. DATE

DATE	DESCRIPTION	No.
2016-02-12	ISSUED FOR 100% SUBMISSION	3
2016-02-06	FOR REVIEW	2
2016-01-21	FOR REVIEW	1

PLOTTING INFORMATION:
PLOTTED DATE: 2016-02-12
PLOTTED SCALE: 1:1



PROJECT TITLE:
GRAND AVENUE,
LONDON
ROAD RECONSTRUCTION

DRAWING TITLE: TREE PRESERVATION PLAN		
DATE: SEPTEMBER 2025	SCALE: AS NOTED	DRAWING No. T-1
DRAWN: RKL inc.	CHECKED BY: RHK	
PROJECT No.		25-204Ld