

Tree	Enag 0/	Botanical Name	Common name	DBH	Height	_ Crown Ø	Maturity		Health conditions	Location
group#	Freq. %	Botamcai Ivame	Common name	cm	m	( <b>m</b> )	Maturity		meanth conditions	Location
	60%	Pinus strobus	White Pine							
		Populus tremuloides	Trembling Aspen							
Froup 1	25%	Prunus serotina	Black Cherry	<65	20	14	Mature	Fair		
	2376	Betula papyrifera	White Birch							
		Ulmus americana	White Elm							
	60%	Populus tremuloides	Trembling Aspen							
- marin 7	20%	Betula papyrifera	White Birch	25	12	5	Mature	Fair		
Group 2	5%	Fraxinus americana	White Ash	25		5	Mature	Fair		
	5%	Pinus strobus	White Pine							
	70%	Populus tremuloides	Trembling Aspen							
		Ulmus americana	White Elm							
Froup 3	750/	Pinus strobus	White Pine	20	12	5	Mature	Fair		
·	25%	Juglans nigra	Black Walnut							
		Tilia americana	Basswood							
Group 4	90%	Populus tremuloides	Trembling Aspen	10	8	4	Imature	Fair	edge of the pond	
J. G G P .	1	Acer saccharum	Sugar Maple				Imature	Fair	cabe or the bond	5m to corner of fence
	1	Populus tremuloides	Trembling Aspen	10	17	-	Imature	Fair		5m to corner of fence
Group 5		·		10	12	5				
	1	Betula papyrifera	White Birch				Imature	Fair		5m to corner of fence
Group 10	90%	_ Populus tremuloides	Trembling Aspen	10	10	5	Imature	Fair		90m to fence
	70%	Populus tremuloides	Trembling Aspen	12			Imature	Fair		Up to hwy 400
Group 20	5%	Prunus serotina	Black Cherry	30	13	7	Mature	Fair		
310up 20	20%	Pinus strobus	White Pine	25	13	,	Mature	Fair		
	20%	Pinus sylvestris	Scots Pine	20			Mature	Fair		
Group 21	90%	Populus tremuloides	Trembling Aspen	<10	8	4	Mature	Fair	Sumac near hwy 400	
Group 24	90%	Populus tremuloides	Trembling Aspen	<10	6	3	Mature	Fair		
Group 25		Fraxinus americana	Dead Ashes					Dead		On opposite side of fence
	1	Pinus strobus	White Pine	65	16	12	Mature	Good		6m to hydro pole
	1	Fraxinus americana	White Ash	22	10	6	Mature	Fair		5m to hydro pole
	1	Fraxinus americana	White Ash	12	10	5	Imature	Fair		8m to hydro pole
	1	Acer saccharum	Sugar Maple	24	10	5	Mature	Fair		11m NW to hydro
	1	Prunus serotina	Black Cherry	20	12	6	Mature	Fair		4m W of Pine
Group 32	1	Ulmus americana	Elm	13	12	4	Imature	Fair		4.7m E of Pine
	1	Ulmus americana	Elm	16	12	6	Imature	Fair		5m E of Pine, 8.5m to hydro pol
	1	Ostrya virginiana	Ironwood	11	8	4	Imature	Fair		7.5m W of pine
	1	Pinus strobus	White Pine	73	20	14	Mature	Fair		7m N of fire hydrant
	1	Pinus strobus	White Pine	64	20	14	Mature	Fair		7m N of fire hydrant
	1	Pinus strobus	White Pine	72	18	12		Fair-Good	ı	1m N of wire fence
	1	PHIUS STIODUS	white rine	12	10	12	Mature	raii-Good	l	In N of whe felice
	Number of			DBH	Height	CrownØ				
Tree#	Trees	Botanical Name	Common name	cm	m	(m)	Maturity		Health conditions	Location
7	1	Robinia pseudoacacia	Locust	28	10	5	Mature	Fair		0.4m to fence
8	1	Tilia cordata	Little Leaf Linden	25	8	6	Mature	Good		2m on adjacent side
9	2	Abies balsamea	Balsam Fir	18	7	3.4	Imature	Good		1.5m to fence, 6m on centre
11	1	Fraxinus americana	White Ash	25	10	5.4 5.4	Mature	Fair		1.6m to fence
11 12				25 22	10 10					1.8m to fence
	1	Fraxinus americana	White Ash			5.7 4	Mature	Fair Fair		
12	1	Prunus sp.	Cherry	18	7	4	Imature	Fair		1.75m to fence
13	1	Acer platanoides	Norway Maple	12	7	3.4	Imature	Fair		1.6m to fence
<b>1</b> 4	1	Quercus macrocarpa	Burr Oak	12	10	6.8	Imature	Fair		1.6m to fence on adjacent side
	-									
<b>1</b> 5	1	Larix laricina	Tamarack	26	13	10	Mature	Good		4m on adjacent side

Overhanging 3m

some bark damages, with Sumac

Fair with Mugo Pines on the South Overhanging 1.7m

with immature Trembling Aspens 5m to curb

2m on adjacent side

2.7m to curb, from here to East

boundary- all dead Ashes

3m to curb

3m to curb

6.6m to curb

5m to curb

NOTE:
THERE ARE NO ENDANGERED SPECIES OF TREES IDENTIFIED ON THIS SITE AND 25m BEYOND THE PROPERTY LIMITS.

Populus tremuloides Trembling Aspen

Prunus sp.

Pinus strobus

Quercus rubra

Picea glauca

Acer saccharum

Betula papyrifera

Pinus sylvestris

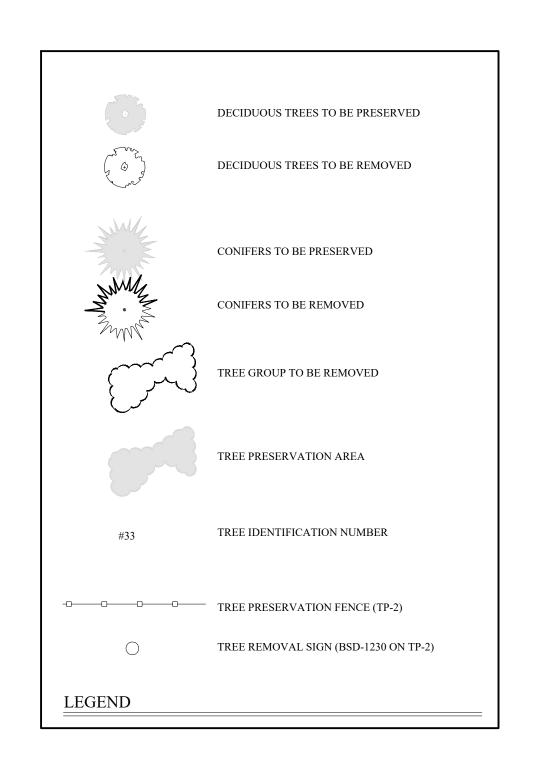
White Spruce

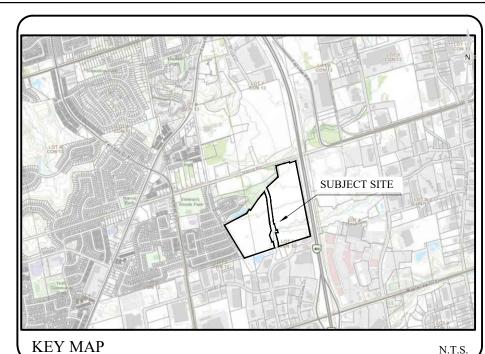
White Pine

Red Oak

White Spruce

Cherry





KET MAF

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SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVE
1.	CLIENT REVIEW	October 20, 2021	StT
2.	SUBMISSION TO THE CITY OF BARRIE	March 10, 2022	StT

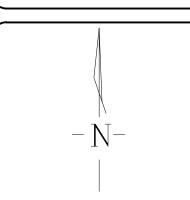
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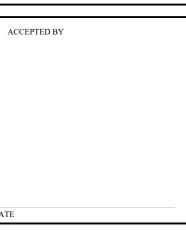
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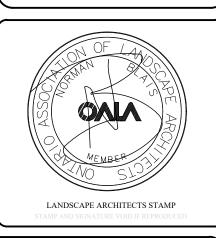
THIS DRAWING IS NOT TO BE SCALED.





Client info: Barrie-Bryne Developments Limited 3200 Highway 7 Vaughan, ON L4K 5Z5Phone (905) 326-6400



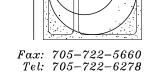


JDB associates Ltd.

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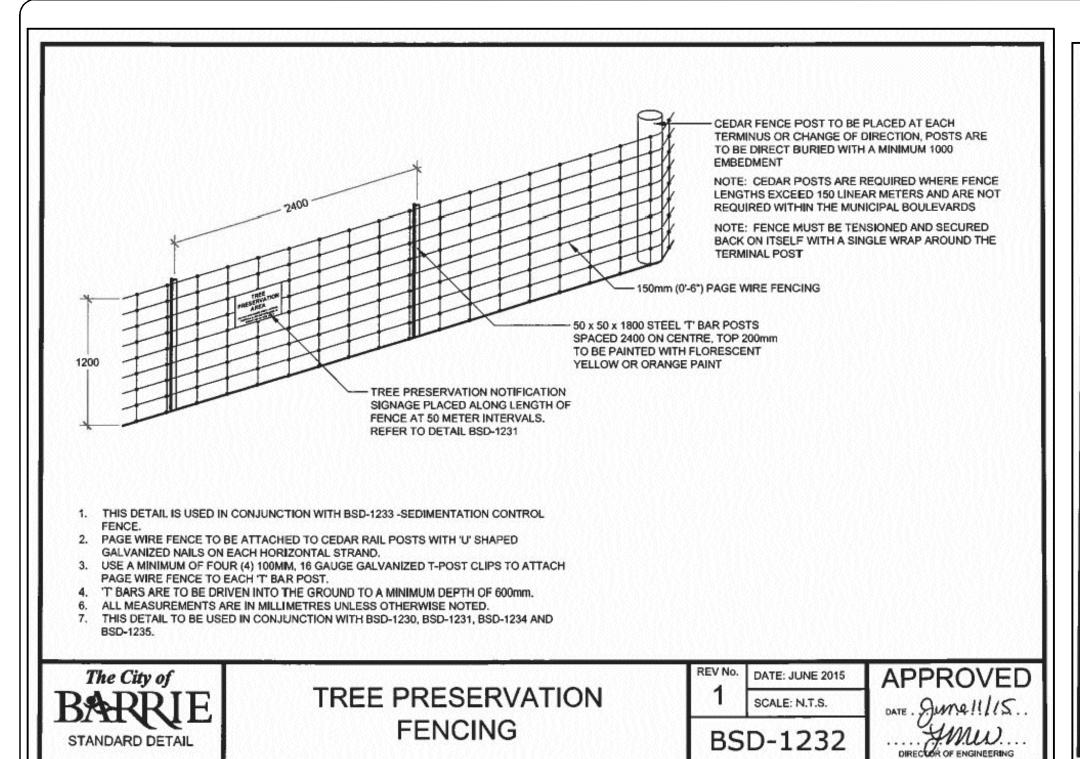
# Barrie-Bryne Development Ltd.

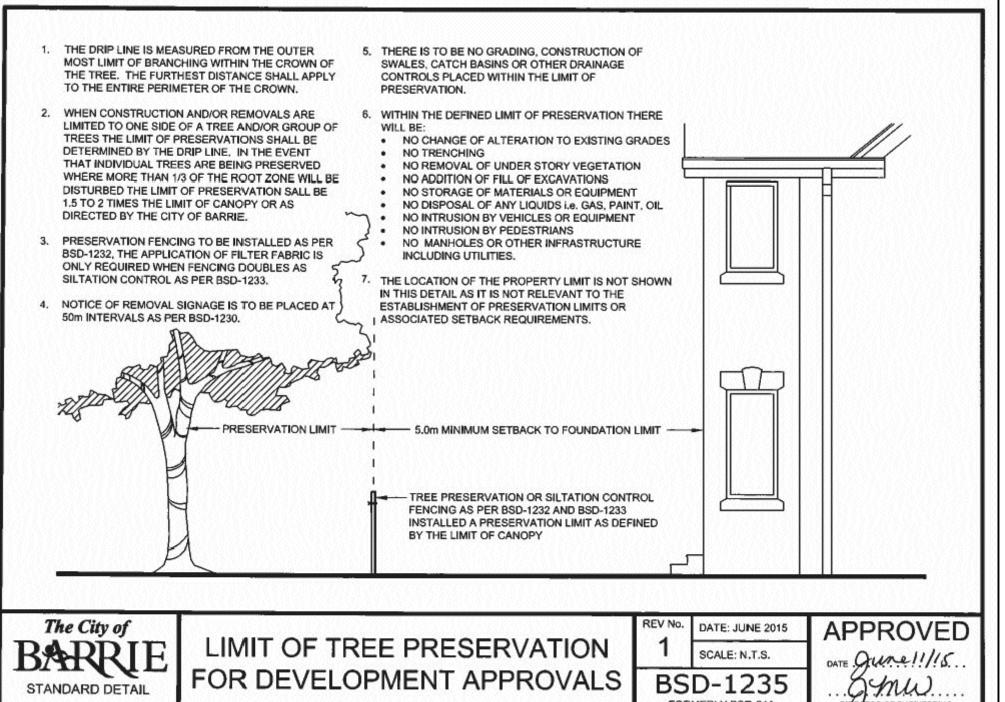
LOTS 7 CONCESSION 12

City of Barrie

## TREE INVENTORY/PRESERVATION PLAN

SCALE: 1:2000	DATE: MARCH 8, 2022	DESIGNED BY: StT	REVIEWED BY: NB
CITY FILE No. D12-401	OUR FILE REF. # 53-21	DRAWN BY: StT	TP-1









THE INTENT OF TREE PRESERVATION AND PROTECTION IS TO PROVIDE AN INVENTORY OF EXISTING TREES ON SITE. IT IS NOT A SURVEY AND THEREFORE THE EXACT LOCATION OF EXISTING TREES MUST BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS.

ALL TREES TO BE PRESERVED SHALL BE INDICATED AND MARKED AS SUCH ON SITE BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCING OF THE CLEARING AND GRUBBING CONTRACT.

AS PART OF THE CLEARING AND GRUBBING CONTRACTUAL WORK, TREES LOCATED AT THE EDGES OF ALL PRESERVATION AREAS REGARDLESS OF SIZE ARE TO BE PRUNED OF DEAD AND DISEASED LIMBS AND INDIVIDUAL SPECIMENS AND ARE TO BE REMOVED IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES AND TO THE SATISFACTION OF THE CITY OF BARRIE UNDER THE DIRECT SUPERVISION OF THE LANDSCAPE ARCHITECT.

IN THE EVENT THAT A TREE THAT HAS BEEN DESIGNATED FOR PRESERVATION IS DAMAGED OR REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT AND CITY OF BARRIE, THE LAND OWNER SHALL BE RESPONSIBLE FOR THE REMOVAL AND OR DAMAGE AS OUTLINED IN BYLAW 2014-115, SECTION 15

#### SPECIFICATIONS FOR PRESERVATION & PROTECTION

PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS, ALL TREES OR BLOCKS OF TREES THAT HAVE BEEN DESIGNATED FOR PRESERVATION, AS INDICATED ON THE ACCOMPANYING PLAN SHALL BE FULLY PROTECTED BY THE ERECTION OF HOARDING OUTSIDE OF OR AT THE DRIP LINE (REFER TO BSD-1235).

EQUIPMENT OR VEHICLES SHALL NOT BE PARKED, REPAIRED OR REFUELED WITHIN TREE PROTECTION ZONE, CONSTRUCTION MATERIALS SHALL NOT BE STORED AND EARTH MATERIALS SHALL NOT BE STOCKPILED WITHIN THE DRIP LINE AREA OF ANY TREE NOT DESIGNATED FOR REMOVAL.

ANY TREES NOT DESIGNATED FOR REMOVAL SHALL NOT HAVE RIGGING CABLES ATTACHED OR WRAPPED AROUND THEM. NOR SHALL ANY CONTAMINANTS BE DUMPED WITHIN THE PROTECTIVE AREAS. FURTHER, NO CONTAMINANTS SHALL BE DUMPED OR FLUSHED WHERE THEY MAY COME INTO CONTACT WITH THE FEEDER ROOTS OF THE TREES TO BE PRESERVED.

THE CONTRACTOR OR LAND OWNER SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE TO TREES OR SHRUBS THAT ARE NOT DESIGNATED FOR REMOVAL AS PER THE ACCOMPANYING PLAN.

UNLESS THE CONTRACT WORK SPECIFICALLY REQUIRES WORK WITHIN THE DRIP LINE OF TREES NOT DESIGNATED FOR REMOVAL, EQUIPMENT SHALL NOT BE OPERATED WITHIN THAT DRIP LINE AREA. WHEN CONTRACT WORK MUST BE COMPLETED WITHIN THE DRIP LINE OF TREES NOT DESIGNATED FOR REMOVAL, OPERATION OF EQUIPMENT WITHIN THAT DRIP LINE SHALL BE KEPT TO THE MINIMUM AMOUNT REQUIRED TO COMPLETE THE WORKS. PRIOR TO THE COMMENCEMENT OF SUCH WORKS THE LANDSCAPE ARCHITECT AND CITY OF BARRIE MUST BE GIVEN WRITTEN NOTIFICATION AND WILL SUBSEQUENTLY BE REQUIRED TO INSPECT SAID WORKS.

THE CONTRACTOR'S OPERATION SHALL IN NO WAY CAUSE DAMAGE TO THE TRUNK OR BRANCHES OF TREES

THE CONTRACTOR'S OPERATION SHALL NOT CAUSE FLOODING OR SEDIMENT DEPOSITS IN AREAS WHERE TREES ARE NOT DESIGNATED FOR REMOVAL.

IN THE EVENT THAT IT IS NECESSARY TO REMOVE LIMBS OR PORTIONS OF TREES NOT DESIGNATED FOR REMOVAL, WRITTEN APPROVAL AND DIRECTION MUST BE GIVEN BY THE LANDSCAPE ARCHITECT AND CITY OF BARRIE PRIOR TO ANY WORKS. THE REMOVALS MUST BE EXECUTED CAREFULLY AND IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND TECHNIQUES.

IN THE EVENT THAT GRADES AROUND A TREE DESIGNATED FOR PRESERVATION ARE TO BE CHANGED, THE DEVELOPER, AGENT OR LAND OWNER SHALL BE REQUIRED TO TAKE PRECAUTIONS TO PRESERVE THE TREE, SUCH AS DRY WELLING AND ROOT FEEDING. THE PROTECTION MEASURES MUST BE DONE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND CITY OF BARRIE.

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND/OR REMOVAL OF DEAD, DYING, DISEASED TREES WITHIN THE LIMIT OF THIS PLAN UNTIL END OF GENERAL MAINTENANCE.

### NOTES FOR TREE PRESERVATION AND PROTECTION

### NOTE:

NO TREE CUTTING SHALL OCCUR BETWEEN APRIL 1<sup>st</sup> AND OCTOBER 31<sup>st</sup> UNLESS CLEARANCE FROM M.N.R. AND M.E.C.P. IS PROVIDED.

1. PROTECTION AREA IS INITIALLY IDENTIFIED IN THE FIELD BY A LICENSED ONTARIO SURVEYOR. THIS LINE APPROXIMATELY ESTABLISHES THE LIMITS OF TREE PRESERVATION SUBJECT TO AN ON-SITE MEETING WITH CITY OF BARRIE PARKS PLANNING STAFF AND THE LANDSCAPE ARCHITECT/ARBORIST.

THE SURVEYED LINE PRIOR TO ANY TREE REMOVAL OCCURRING, AND TO ADJUST THE LINE WHERE APPROPRIATE TO REFLECT THE ACTUAL NATURE OF A TREED AREA AS OPPOSED TO A STRAIGHT CUT LINE.

2. THE LANDSCAPE ARCHITECT/ARBORIST AND THE CITY OF BARRIE PARKS PLANNING STAFF MEET TO REVIEW

3. TREES THAT ARE SUSCEPTIBLE TO FALLING ONTO PRIVATE PROPERTY OR MUNICIPAL PROPERTY FROM WITHIN THE TREE PRESERVATION ZONE WILL BE IDENTIFIED FOR REMOVAL. REMOVAL WILL TAKE PLACE AS PRESCRIBED IN ITEM #6 BELOW.

4. ONCE THE SITE VISIT HAS CONCLUDED, THEN TREE PRESERVATION FENCING WILL BE ERECTED ALONG THE AGREED TREE PRESERVATION LINE.

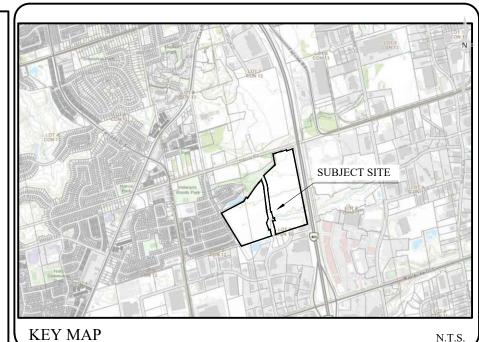
5. FULL TREE REMOVAL OUTSIDE OF THE TREED AREAS MAY OCCUR ONCE THE PRESERVATION FENCING HAS BEEN ERECTED, TREE REMOVAL PERMIT ISSUED, AND SIGNAGE POSTED A MINIMUM OF 7 DAYS PRIOR TO COMMENCING TREE REMOVAL ACTIVITIES ON SITE (AS PER BY-LAW 2014-115).

6. TREES ARE TO BE FELLED IN SUCH A MANNER AS TO NOT DISTURB VEGETATION TO REMAIN. NO MACHINERY OR EQUIPMENT SHALL BE OPERATED OR STORED WITHIN THE DRIPLINE OF PROTECTED TREES.

7. STUMP REMOVALS ARE TO BE IMPLEMENTED AS TO NOT TO DISTURB THE GROUND WITHIN THE TREE PRESERVATION ZONE.

8. ONCE TREE REMOVAL HAS OCCURRED, AND PRIOR TO THE ISSUANCE OF THE UNDERGROUND CERTIFICATE, A RE-INSPECTION OF THE TREE PRESERVATION AREAS MUST OCCUR WITH CITY OF BARRIE STAFF AND THE LANDSCAPE ARCHITECT/ARBORIST. ANY ADDITIONAL TREES TO BE REMOVED WILL BE NOTED BY THE CITY OF BARRIE PARKS PLANNING STAFF AND LANDSCAPE ARCHITECT/ARBORIST.

9. ALL TREES ON ADJACENT PRIVATE LAND SHALL RECEIVE DRIPLINE PROTECTION.



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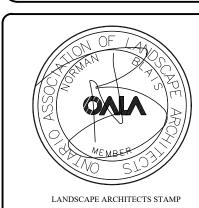
AGENCIES RESPONSIBLE FOR APPROVALS FOR THEIR OWN LISE

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274 Burton Ave., Suite 1201

Barrie, Ontario L4N 5W4

ACCEPTED BY

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### Barrie-Bryne Development Ltd.

LOTS 7 CONCESSION 12

City of Barrie

TREE PRESERVATION DETAILS

`				
	SCALE: NTS	DATE: MARCH 8, 2022	DESIGNED BY: StT	REVIEWED BY: NB
	CITY FILE No. D12-401	OUR FILE REF. # 53-21	DRAWN BY: StT	TP-2