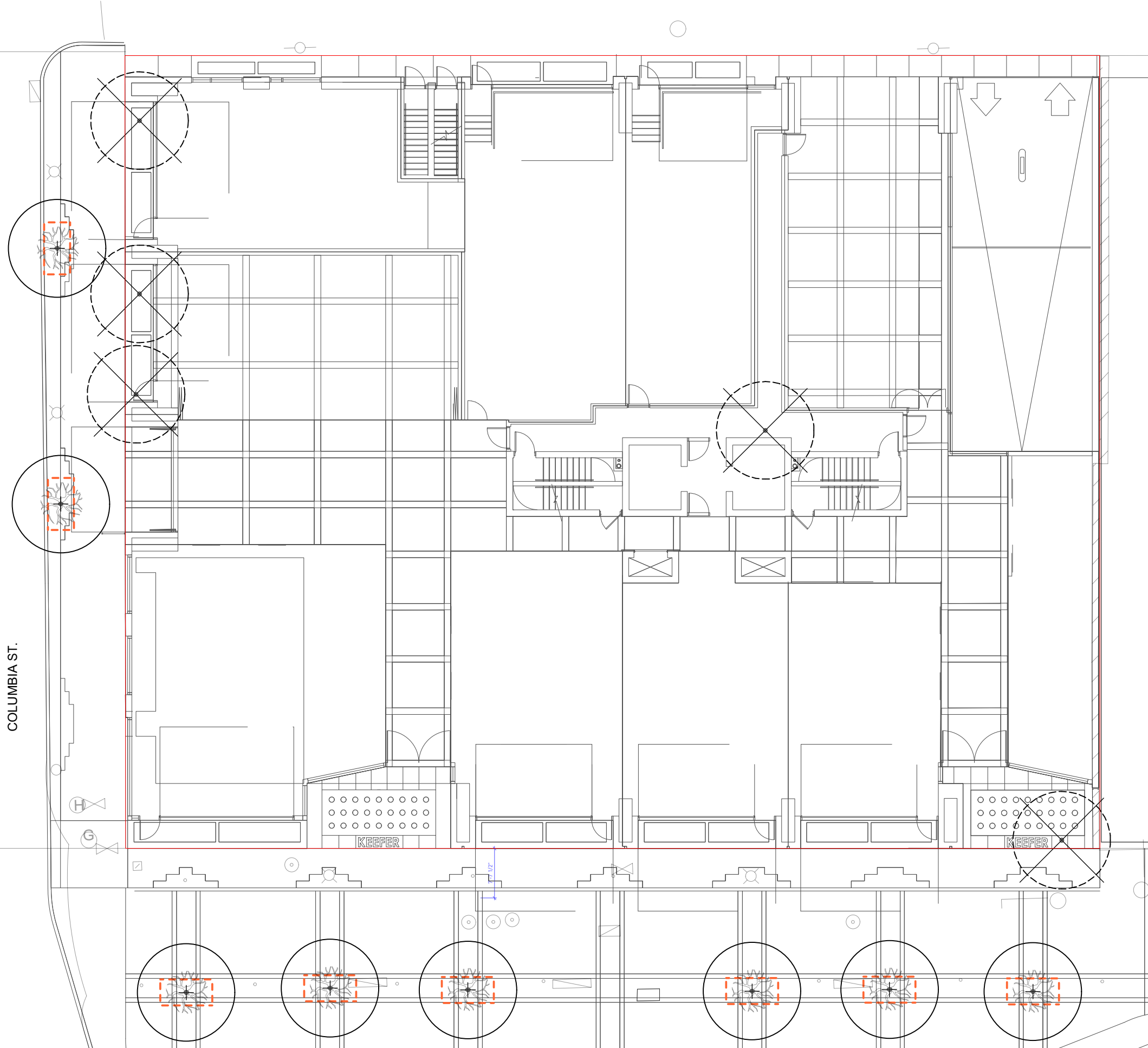


LANE



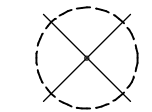
TREE MANAGEMENT LEGEND:

--- TREE PROTECTION BARRIER FENCE



REFER TO TREE PROTECTION NOTES FOR REQUIREMENTS

EXISTING TREE TO BE RETAINED



EXISTING TREE TO BE REMOVED

TREE PROTECTION GENERAL NOTES

A. EXCAVATION AROUND TREES

- EXCAVATION WITHIN DRIP LINE OF TREES ONLY WHERE INDICATED ON PLANS AND AS DIRECTED BY THE CONSULTANT.
- DURING ANY EXCAVATION WITHIN THE DRIP LINE OF A TREE THE CONTRACTOR SHALL EXCAVATE AROUND TREE ROOTS AS DIRECTED BY THE CONSULTANT. DO NOT CUT TREE ROOTS UNLESS DIRECTED BY THE CONSULTANT.
- TREES AND OTHER DESIRABLE VEGETATION TO BE TOTALLY FENCED AS PER DETAIL #1. FENCING TO BE MAINTAINED FOR THE DURATION OF THE PROJECT.

B. EXCAVATION FOR NEW CONSTRUCTION WITHIN THE DRIP LINES OF TREES

- HAND EXCAVATE TO MINIMIZE DAMAGE TO ROOT SYSTEMS.
- USE NARROW TINE SPADING FORKS TO PROBE AND COMB SOIL TO EXPOSE ROOTS.
- RELOCATE ROOTS INTO BACKFILL AREAS WHENEVER POSSIBLE. IF LARGE MAIN LATERAL ROOTS ARE ENCOUNTERED, EXPOSE BEYOND EXCAVATION LIMITS AS REQUIRED TO BEND AND RELOCATE WITHOUT BREAKING.

C. UTILITY TRENCHING WITHIN THE DRIP LINES OF TREES

- TUNNEL UNDER AND AROUND ROOTS BY HAND DIGGING.
- DO NOT CUT MAIN LATERAL ROOTS.
- CUTTING OF SMALLER ROOTS THAT INTERFERE WITH INSTALLATION OF NEW WORK SHALL BE DONE WITH CLEAN SHARP TREE PRUNING TOOLS.
- ROOTS THAT ARE ENCOUNTERED IMMEDIATELY ADJACENT TO THE LOCATION OF NEW CONSTRUCTION AND ARE TOO DIFFICULT TO RELOCATE SHALL BE CUT 150MM (6") BACK FROM NEW CONSTRUCTION. USE CLEAN SHARP TREE PRUNING TOOLS.

D. PROTECTION OF EXPOSED ROOTS

- DO NOT ALLOW EXPOSED ROOTS TO DRY OUT PRIOR TO PLACEMENT OF PERMANENT COVER. PROVIDE ONE OF THE FOLLOWING TEMPORARY REMEDIAL MEASURES:
 - A. PROVIDE TEMPORARY EARTH COVER. MAINTAIN MOISTURE.
 - B. PACK WITH WET PEAT MOSS. MAINTAIN MOISTURE.
 - C. PACK WITH FOUR LAYERS OF WET UNTREATED BURLAP. MAINTAIN MOISTURE.
- TEMPORARILY SUPPORT AND PROTECT EXPOSED ROOTS FROM DAMAGE UNTIL PERMANENTLY RELOCATED AND COVERED WITH BACKFILL.
- WATER PUDDLE BACKFILL AROUND ROOTS TO ELIMINATE VOIDS AND AIR POCKETS.

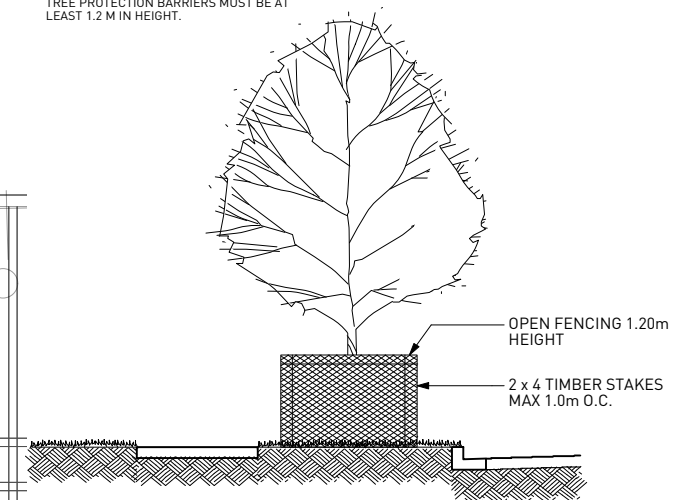
E. REMOVAL OF STREET TREES

- REMOVAL OF STREET TREES TO THE SATISFACTION OF THE GENERAL MANAGER OF ENGINEERING SERVICES

SCHEDULE A - TREE PROTECTION BARRIER

TREE PROTECTION DISTANCE TABLE		
TRUNK DIAMETER (CM)	MINIMUM DISTANCE FROM TRUNK (METERS)	
	(0.4)	(1.2)
20	0.4	1.2
25	0.8	1.5
35	1.0	2.1
40	1.2	2.4
45	1.3	2.7
50	1.5	3.0
55	1.7	3.3
60	2.0	3.6
75	2.5	4.5
90	3.0	5.0
100	3.3	6.0

TREE PROTECTION BARRIERS MUST BE AT LEAST 1.2 M IN HEIGHT.



REVISIONS AND ISSUES		
NO.	DATE	DESCRIPTION
	2014/09/11	Issued for Rezoning Prior-to
	2015/07/10	Reissued for Rezoning Prior-to
03	2016/04/08	Issued for Coordination
04	2016/04/13	Reissued for Rezoning Prior-To
05	2016/11/30	Reissued for Rezoning Prior-To

PROJECT
KEEFER AND COLUMBIA

DRAWING TITLE
TREE MANAGEMENT PLAN

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NORTH SCALE
1/8" = 1'-0"

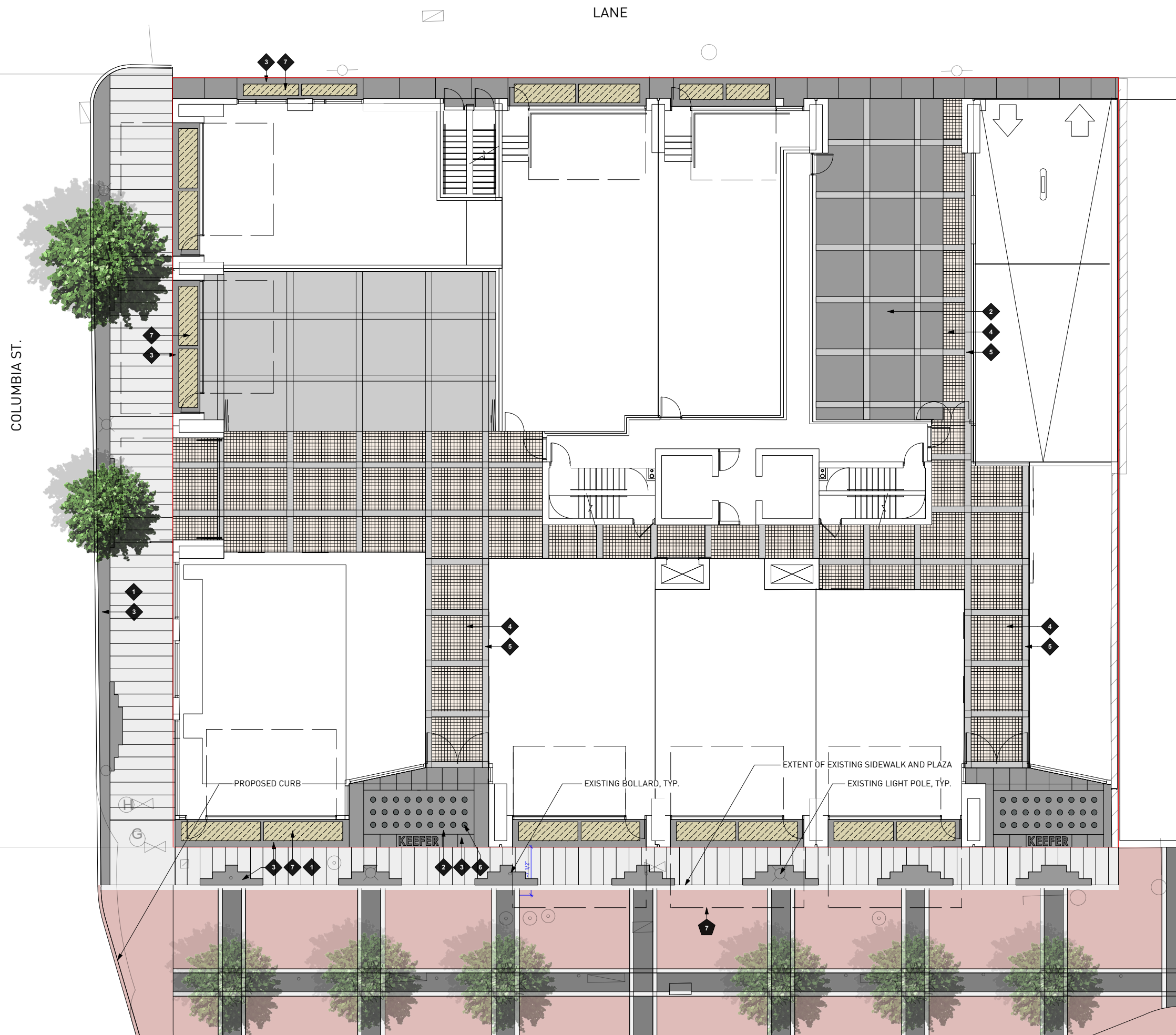
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DRAWING
L 0.01

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COLUMBIA ST.

1 TREE PROTECTION BARRIER FENCING DETAIL
nts



PAVING LEGEND	
KEY	DESCRIPTION
1	STAMPED CONCRETE SIDEWALK TO MATCH EXISTING
2	CONCRETE PAVING
3	EXPOSED AGGREGATE CONCRETE PAVING
4	GRANITE SETTS
5	GRANITE BANDS
6	GLASS BLOCK PAVING
7	MOSAIC TILE
8	FEATURE PAVING TYPE 1
9	FEATURE PAVING TYPE 2
10	TIMBER DECK
11	RIVER ROCK

HARDSCAPE LEGEND	
KEY	DESCRIPTION
1	CONCRETE PLANTER
2	URBAN AGRICULTURE PLANTER

SITE FURNISHING LEGEND	
KEY	DESCRIPTION
1	RETRACTABLE FABRIC AWNING
2	SCREEN
3	BBQ
4	HARVEST TABLE AND BENCHES
5	POTTING BENCH
6	COMPOST BIN
7	OUTDOOR SEATING

LIGHTING LEGEND	
KEY	DESCRIPTION
1	CATENARY LIGHTING

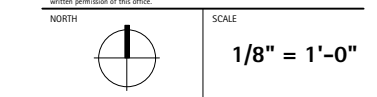
NOTE:
- REFER TO SHEET L1.02 FOR GROUND LEVEL

REVISIONS AND ISSUES		
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04	2016/04/13	Reissued for Rezoning Prior-To
05	2016/11/30	Reissued for Rezoning Prior-To

PROJECT
KEEFER AND COLUMBIA

DRAWING TITLE
**COLOUR PLAN
GROUND LEVEL**

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REVIEWED	BH

DRAWING
L 1.01



PAVING LEGEND	
KEY	DESCRIPTION
1	STAMPED CONCRETE SIDEWALK TO MATCH EXISTING
2	CONCRETE PAVING
3	EXPOSED AGGREGATE CONCRETE PAVING
4	GRANITE SETTS
5	GRANITE BANDS
6	GLASS BLOCK PAVING
7	MOSAIC TILE
8	FEATURE PAVING TYPE 1
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HARDSCAPE LEGEND	
KEY	DESCRIPTION
1	CONCRETE PLANTER
2	URBAN AGRICULTURE PLANTER

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1	RETRACTABLE FABRIC AWNING
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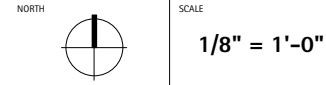
LIGHTING LEGEND	
KEY	DESCRIPTION
1	CATENARY LIGHTING

REVISIONS AND ISSUES		
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	2014/09/11	Issued for Rezoning Prior-to
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PROJECT
KEEFER AND COLUMBIA

DRAWING TITLE
COLOUR PLAN OVERALL

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NOTE:
 - REFER TO SHEET L1.01 FOR GROUND LEVEL
 - FOR LEVELS REFER TO L MARKERS

L 1.02