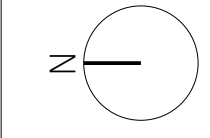




**SCHEDULE C**  
 This forms part of application # DP23-0140  
 Planner Initials **BC**  
 City of Kelowna DEVELOPMENT PLANNING



PROJECT TITLE  
**465 DOUGAL ROAD NORTH**  
 Kelowna, BC  
 DRAWING TITLE  
**CONCEPTUAL LANDSCAPE PLAN**

ISSUED FOR / REVISION

1	23.06.27	Review
2	23.07.06	Issue for DP
3		
4		
5		

PROJECT NO 22-0343  
 DESIGN BY AM  
 DRAWN BY GS  
 CHECKED BY FB  
 DATE June 27th, 2023  
 SCALE 1:150  
 PAGE SIZE 24" x 36"

SEAL



DRAWING NUMBER

**LS-101**  
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**LANDSCAPE NOTES**

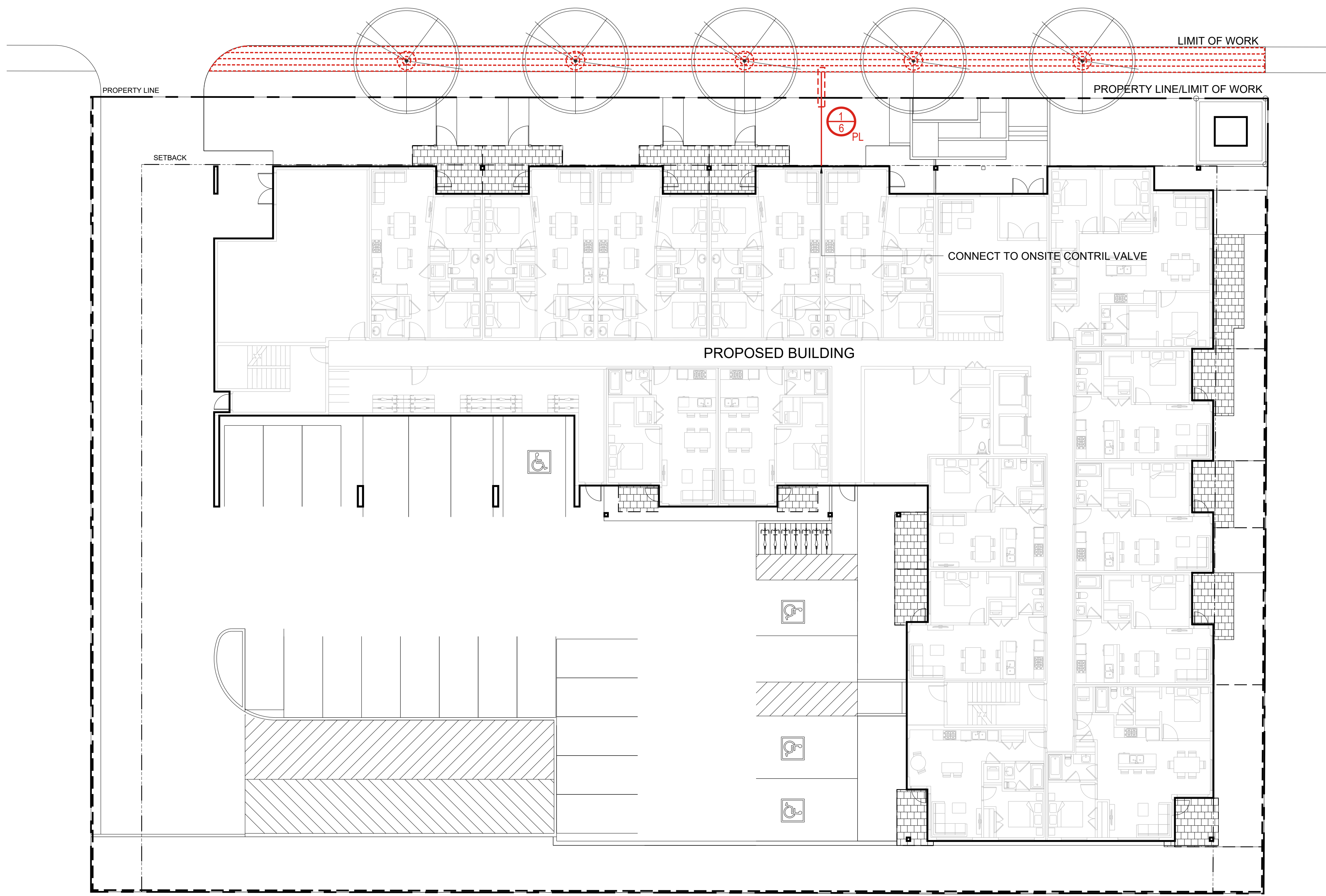
- PLANT MATERIAL AND CONSTRUCTION METHODS SHALL MEET OR EXCEED CANADIAN LANDSCAPE STANDARDS. ALL OFFSITE LANDSCAPE WORKS TO MEET CITY OF KELOWNA BYLAW 12375 STANDARDS.
- ALL SOFT LANDSCAPE AREAS SHALL BE WATERED BY A FULLY AUTOMATIC TIMED UNDERGROUND IRRIGATION SYSTEM.
- TREE AND SHRUB BEDS TO BE DRESSED IN A MINIMUM 75mm NATURAL WOOD MULCH AS SHOWN IN PLANS. DO NOT PLACE WEED MAT UNDERNEATH TREE AND SHRUB BEDS.
- SHRUB BEDS TO RECEIVE A MINIMUM 300mm DEPTH TOPSOIL PLACEMENT. TREE BEDS TO RECEIVE A MINIMUM 1000mm DEPTH TOPSOIL PLACEMENT. SMALL TREE BEDS TO RECEIVE 1500mm DEPTH TOPSOIL PLACEMENT TO ACHIEVE SOIL VOLUME PER TREE REQUIREMENTS.
- TURF AREA FROM SOD SHALL BE NO. 1 GRADE GROWN FROM CERTIFIED SEED OF IMPROVED CULTIVARS REGISTERED FOR SALE IN B.C. AND SHALL BE TOLERANT OF DROUGHT CONDITIONS. A MINIMUM OF 150mm DEPTH OF GROWING MEDIUM IS REQUIRED BENEATH TURF AREAS. TURF AREAS SHALL MEET EXISTING GRADES AND HARD SURFACES FLUSH.
- SITE GRADING AND DRAINAGE WILL ENSURE THAT ALL STRUCTURES HAVE POSITIVE DRAINAGE AND THAT NO WATER OR LOOSE IMPEDIMENTS WILL BE DISCHARGED FROM THE LOT ONTO ADJACENT PUBLIC, COMMON, OR PRIVATE PROPERTIES.
- SOIL CELLS WITH FULL DEPTH GROWING MEDIUM UNDER ALL HARDSCAPE AND CRUSHER FINES PAVING IN SETBACK.

**PLANT LIST**

BOTANICAL NAME	COMMON NAME	QTY	SIZE/SPACING & REMARKS
<b>TREES</b>			
CERCIDIPHYLLUM JAPONICUM	KATSURA TREE	3	5cm CAL.
AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	4	3cm CAL.
CARPINUS CAROLINIANA	AMERICAN HORNBEAM	4	4cm CAL.
<b>SHRUBS</b>			
ARCTOSTAPHYLOS UVA-URSI	KINKKINICK	50	#02 CONT. /0.6M O.C. SPACING
BUXUS 'GREEN VELVET'	GREEN VELVET BOXWOOD	38	#02 CONT. /1.2M O.C. SPACING
MAHONIA AQUIFOLIUM	OREGON GRAPE HOLLY	15	#02 CONT. /1.3M O.C. SPACING
ROSA 'RADCON'	RAINBOW KNOCKOUT ROSE	20	#02 CONT. /1.0M O.C. SPACING
SYRINGA 'PABLIN' DWARF KOREAN LILAC (TG)	TOP GRAFTED KOREAN LILAC	3	#02 CONT. /1.0M O.C. SPACING
TAXUS MEDIA 'AUTONI'	TAUTON YEW	33	#02 CONT. /1.0M O.C. SPACING
VIBURNUM TRELOBUM 'COMPACTUM'	COMPACT CRANBERRY	19	#02 CONT. /1.5M O.C. SPACING
<b>PERENNIALS, GRASSES &amp; GROUNDCOVERS</b>			
ACHILLEA MILLEFOLIUM 'TERRACOTTA'	TERRACOTTA YARROW	29	#01 CONT. /0.6M O.C. SPACING
ATHYRIUM FILIX-FEMINA 'LADY IN RED'	LADY IN RED FERN	31	#01 CONT. /0.9M O.C. SPACING
CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	KARL FOESTER FEATHER REED GRASS	12	#01 CONT. /1.0M O.C. SPACING
ECHINACEA PURPUREA 'SOLAR FLARE'	SOLAR FLARE CONEFLOWER	35	#01 CONT. /0.6M O.C. SPACING
RUBECCKIA FULGIDA 'GOLDSTURM'	GOLDSTURM CONEFLOWER	35	#01 CONT. /0.6M O.C. SPACING
SEDUM SPECTABILE 'AUTUMN JOY'	AUTUMN JOY STONECROP	35	#01 CONT. /0.6M O.C. SPACING
SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSIDE	12	#01 CONT. /1.0M O.C. SPACING
TARELLA CORDIFOLIA	FOAMFLOWER	35	#01 CONT. /0.6M O.C. SPACING



DOUGALL ROAD NORTH



### IRRIGATION LEGEND

- SUBSURFACE DRIP SYSTEM FOR PLANTING AREAS; NETAFIM TECHLINE CV, 0.4 GPH, 0.45m EMITTER SPACING & 0.45m +/- LATERAL SPACING. SUPPLY & FLUSH MANIFOLDS TO BE 1" CLASS 200 PVC.
- FLUSH VALVE; 3/4" SCHEDULE 40 PVC BALL VALVE
- VALVE NUMBER  
GALLONS PER MINUTE (GPM)  
LANDSCAPE TYPE (TU-TURF AREA, PL-PLANTING AREA)
- LATERAL LINE; CLASS 200 PVC PIPE, 1" UNLESS NOTED
- IRRIGATION SLEEVE; SCHEDULE 40 PVC, 3" MIN. OR TWICE THE DIA. OF PIPE CONTAINED. INSTALL IRRIGATION WIRING IN SEPARATE 2" ELECTRICAL CONDUIT. EXTEND SLEEVE 0.3m PAST EDGE OF HARD SURFACE.

### IRRIGATION ZONE CHART

ZONE #	VALVE SIZE	LANDSCAPE TYPE	PRODUCT TYPE	APPLICATION RATE	OPERATING PRESSURE	ZONE FLOW	OPERATING TIME
1	1"	PLANTING AREA	DRIP	7.4mm/hr	40 PSI	6 GPM	45 MINS / 2X PER WEEK

\*CALCULATED FOR OFFSITE PRORION ONLY  
 \*\*OPERATING TIMES ARE SHOWN AS A BASE THEORETICAL SCHEDULE ONLY. BASED ON EVERY DAY WATERING IN JULY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SETTING THE IRRIGATION SCHEDULE TO ENSURE THAT PLANT MATERIAL RECEIVES ADEQUATE WATERING.

TOTAL RUNTIME PER WEEK = 45 MINS / WEEK (3.5 HRS)

### IRRIGATION NOTES

1. SPECIFICATIONS: ALL SPECIFIED WORK TO MEET THE PROJECT SPECIFICATIONS, AND ALL STANDARDS OR SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE CANADIAN LANDSCAPE STANDARD, PUBLISHED JOINTLY BY THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) AND THE CANADIAN SOCIETY OF LANDSCAPE ARCHITECTS (CSLA).
2. VERIFICATION: SYSTEM DESIGN IS BASED ON (10) G.P.M. & (75) P.S.I. AVAILABLE AT THE POINT OF CONNECTION. VERIFY SAME AND NOTIFY THE OWNER'S REPRESENTATIVE IF SUCH DATA ADVERSELY AFFECTS THE OPERATION OF THE SYSTEM. SUCH NOTICE SHALL BE MADE IN WRITING AND PRIOR TO COMMENCING IRRIGATION WORK.
3. UTILITIES: VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
4. SCHEMATIC: SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING AND VALVES IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLANTING AREAS WHENEVER POSSIBLE.
5. WATER SERVICE LINE: EXISTING.
6. ELECTRICAL SERVICE: BY OTHERS, REFER ELECTRICAL DWGS.
7. SLEEVING: ABSOLUTELY SIZE ALL SLEEVES SHOWN ON PLAN. SLEEVES SHALL BE INSTALLED AT THE NECESSARY DEPTHS PRIOR TO PAVEMENT CONSTRUCTION. SLEEVING SHALL EXTEND 300MM FROM EDGE OF PAVING INTO LAWN OR PLANTING AREA, AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE UNLESS OTHERWISE SHOWN.
8. GRAPHIC CLARITY: MAIN LINE & IRRIGATION COMPONENTS SHOW ON PLAN FOR GRAPHIC CLARITY. CONTRACTOR TO VERIFY ALL MATERIALS IN THE FIELD. VALVE BOXES TO BE LOCATED IN PLANTING AREAS.
9. TESTS AND INSPECTIONS: AT VARIOUS MILESTONES DURING CONSTRUCTION, INSPECTION AND TESTING OF COMPONENTS WILL BE REQUIRED TO ENSURE PERFORMANCE OF IRRIGATION SYSTEM MEETS EXPECTED STANDARDS. PROVIDE EQUIPMENT AND PERSONNEL NECESSARY FOR PERFORMANCE OF INSPECTIONS AND TESTS. CONDUCT ALL INSPECTIONS AND TESTS IN THE PRESENCE OF THE CONTRACT ADMINISTRATOR. KEEP WORK UNCOVERED AND ACCESSIBLE UNTIL SUCCESSFUL COMPLETION OF INSPECTION OR TEST.
10. COMPONENTS: ALL INTERIOR POINT OF CONNECTION COMPONENTS TO BE BRASS.

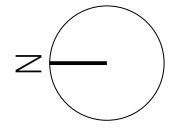
**ecora**  
 200-2045 Enterprise Way  
 Kelowna, BC V1Y 9T5  
 T (250) 469-9757  
 www.ecora.ca

## SCHEDULE C

This forms part of application # DP23-0140

Planner Initials **BC**

City of Kelowna  
DEVELOPMENT PLANNING



PROJECT TITLE  
**465 DOUGAL ROAD NORTH**  
 Kelowna, BC

DRAWING TITLE

### OFFSITE IRRIGATION PLAN

ISSUED FOR / REVISION

1	23.06.27	Review
2	23.07.06	Issue for DP
3		
4		
5		

PROJECT NO: 22-0343  
 DESIGN BY: AM  
 DRAWN BY: GS  
 CHECKED BY: FB  
 DATE: June 27th, 2023  
 SCALE: 1:150  
 PAGE SIZE: 24" x 36"

SEAL



DRAWING NUMBER

# LS-102

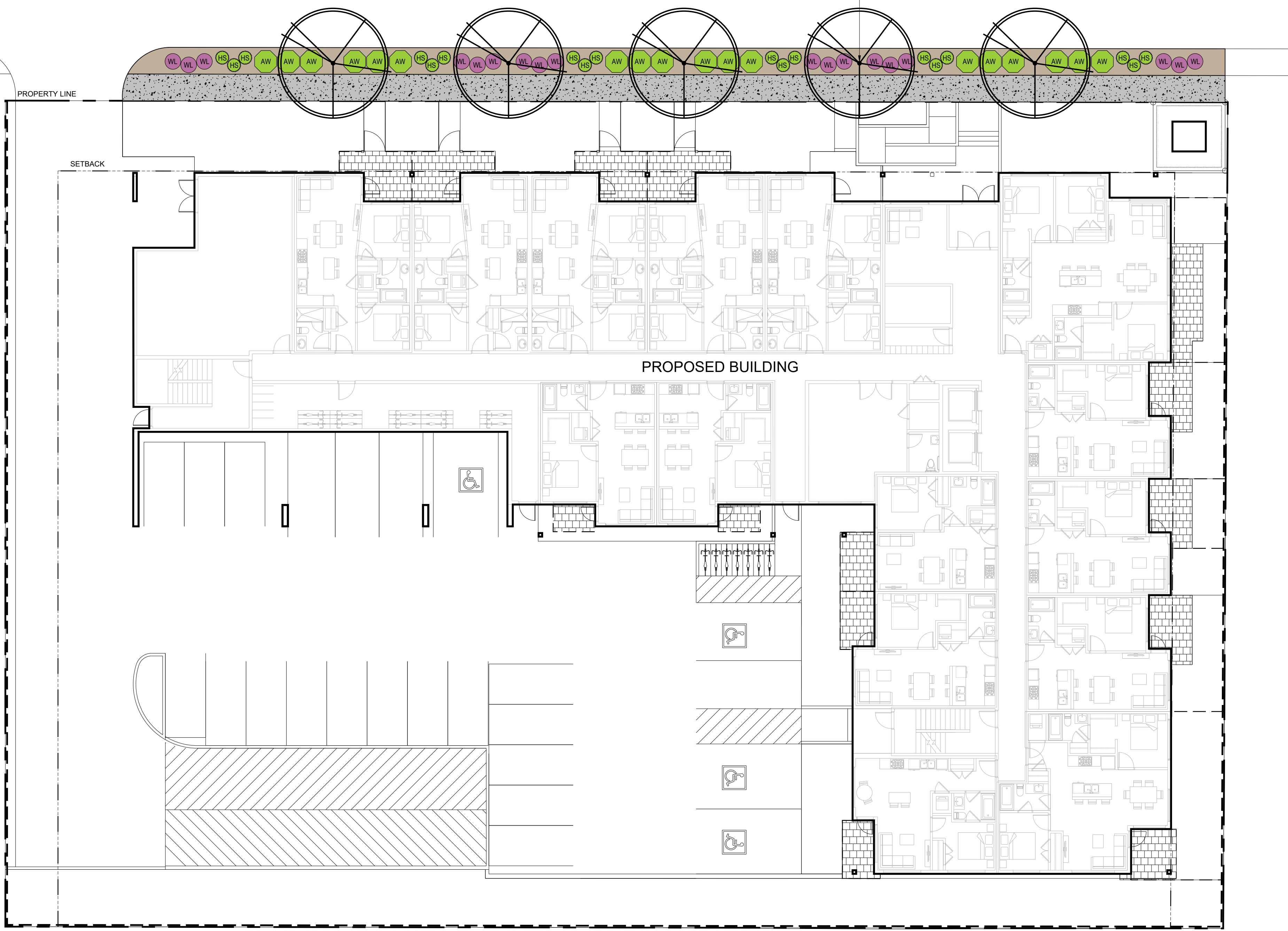
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DOUGALL ROAD NORTH

5 - ATR



**PLANT LIST**

KEY	BOTANICAL NAME	COMMON NAME	QTY	SIZE/SPACING & REMARKS
<b>TREES</b>				
ATR	ACER TRUNCATUM X A PLAT. 'JFS-KW187'	URBAN SUNSET MAPLE	5	5cm CAL.
<b>SHRUBS</b>				
AW	SPIRAEA APONICA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	18	#02 CONT. @ 0.6M O.C. SPACING
<b>PERENNIALS, GRASSES &amp; GROUNDCOVERS</b>				
WL	NEPETA RACEMOSA 'WALKERS LOW'	CATMINT WALKERS LOW	18	#01 CONT. @ 0.6M O.C. SPACING
HS	HELICTOTRICHON SEMPERVIRENS	BLUE OAT GRASS	18	#01 CONT. @ 0.6M O.C. SPACING

**LANDSCAPE NOTES**

- SPECIFICATIONS**  
ALL WORK TO MEET PROJECT SPECIFICATIONS & CITY OF KELOWNA BYLAW 7000, SUBDIVISION BYLAW, SCHEDULE 5, AND ALL STANDARDS OR SPECIFICATIONS ESTABLISHED IN THE LATEST EDITION OF THE CANADIAN LANDSCAPE STANDARD, PUBLISHED JOINTLY BY THE CANADIAN NURSERY LANDSCAPE ASSOCIATION (CNLA) AND THE CANADIAN SOCIETY OF LANDSCAPE ARCHITECTS (CSLA).
- DIMENSIONS**  
ALL WRITTEN DIMENSIONS SUPERSEDE SCALED DIMENSIONS.
- INSPECTIONS**  
THE CONTRACTOR IS RESPONSIBLE TO GIVE THE SITE INSPECTOR 48 HOURS NOTICE BEFORE ALL REQUIRED INSPECTIONS.
- LIMIT OF WORK**  
ALL WORK OF THE CONTRACTOR SHALL BE WITHIN THE LIMIT OF WORK/ PROPERTY LINE SHOWN ON THE DRAWING. THE CONTRACTOR SHALL VERIFY THE LIMIT OF WORK ON SITE WITH THE SITE INSPECTOR PRIOR TO CONSTRUCTION.
- DESIGN INTENT**  
THESE DRAWINGS REPRESENT THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LANDSCAPE ARCHITECT FOR ANY ADDITIONAL CLARIFICATION OR DETAILS NECESSARY TO ACCOMMODATE SITE CONDITIONS OR ARCHITECTURAL DETAILS.
- CONTRACTOR'S JOB SITE CONDITIONS**  
CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR SITE CONDITIONS DURING CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE LANDSCAPE ARCHITECT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE LANDSCAPE ARCHITECT.
- COMPOSITE BASE SHEET**  
THE PROPOSED IMPROVEMENTS SHOWN ON THESE DRAWINGS ARE SUPERIMPOSED ON A BASE SHEET. THIS BASE SHEET IS COMPILED FROM THE TOPOGRAPHIC SURVEY, OTHER ARCHITECTURAL AND/OR ENGINEERING DOCUMENTS, AND OTHER DATA AS MADE AVAILABLE TO THE LANDSCAPE ARCHITECT. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE DOCUMENTS. THE COMPOSITE BASE SHEET IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THESE DOCUMENTS AND INCORPORATING/INTEGRATING ALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE SAME. ARCHITECT.
- UTILITIES**  
PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND REQUESTING A VISUAL VERIFICATION OF THE LOCATIONS OF THEIR UNDERGROUND FACILITIES. MOST UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT CALL BEFORE YOU DIG PROGRAM. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 474-6886. EXCAVATION IS DEFINED AS BEING 18 OR MORE INCHES IN DEPTH BELOW THE EXISTING SURFACE.  
THE CONTRACTOR IS CAUTIONED THAT ONLY EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATION, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. HOWEVER, THE CONSULTANT CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH ARE NOT SHOWN ON THESE DRAWINGS.
- SLEEVING**  
REFER TO IRRIGATION PLAN FOR REQUIREMENTS OF SLEEVING UNDER PAVING.
- PROJECT STAKING**  
ALL PROPOSED SITE FEATURES SHALL BE STAKED IN FIELD FOR REVIEW BY THE OWNER'S INSPECTOR PRIOR TO CONSTRUCTION. ALL CURVES SHALL BE SMOOTH AND CONTINUOUS WITH CAREFULLY MATCHED TANGENTS.
- GRADING AND DRAINAGE**  
ALL PROPOSED PAVING AND TURF AREAS SHALL SMOOTHLY CONFORM TO EXISTING ADJACENT FEATURES. PROVIDE POSITIVE DRAINAGE ON ALL PAVING AND THROUGHOUT ALL TURF & PLANTING AREAS.
- CONTROL JOINTS**  
CONTROL JOINTS WITHIN CONCRETE PAVING ARE TO BE SPACED AS FOLLOWS: SCORE JOINTS ARE TO BE A MAXIMUM OF 3.0m APART & EXPANSION JOINTS ARE TO BE A MAXIMUM OF 8.0m APART.
- GROWING MEDIUM PLACEMENT**  
GROWING MEDIUM SHALL BE PLACED AT 150mm MIN. DEPTH IN ALL TURF AREAS, AS SHOWN ON DRAWINGS UNLESS OTHERWISE NOTED. CONTRACTOR TO IMPORT GROWING MEDIUM OR SCORES, AMEND & PLACE STOCKPILED ON-SITE TOPSOIL. GROWING MEDIUM TO MEET PROPERTIES FOR TREE PITS & LOW TRAFFIC LAWN AREAS, AS PER TABLE 2 IN THE CITY OF KELOWNA'S SUPPLEMENTAL TOPSOIL & FINISH GRADING SPECIFICATIONS.
- BACKFILL**  
EXCAVATED MATERIAL NOT SUITABLE FOR BACKFILLING SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE.
- ROOT BARRIER**  
SHALL BE 40mm DEEP, AVAILABLE FROM DEEP ROOT OR APPROVED EQUAL. INSTALL IN 6.0m TYP. LENGTHS, AS SHOWN ON THE DRAWINGS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

**ecora**  
200-2045 Enterprise Way  
Kelowna, BC V1Y 9T5  
T (250) 469-9757  
www.ecora.ca

**SCHEDULE C**  
This forms part of application  
# DP23-0140

Planner Initials **BC**

City of Kelowna  
DEVELOPMENT PLANNING

PROJECT TITLE  
**465 DOUGAL ROAD NORTH**  
Kelowna, BC

DRAWING TITLE  
**OFFSITE LANDSCAPE PLAN**

ISSUED FOR / REVISION

1	23.06.27	Review
2	23.07.06	Issue for DP
3		
4		
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PROJECT NO 22-0343  
DESIGN BY AM  
DRAWN BY GS  
CHECKED BY FB  
DATE June 27th, 2023  
SCALE 1:150  
PAGE SIZE 24" x 36"

SEAL

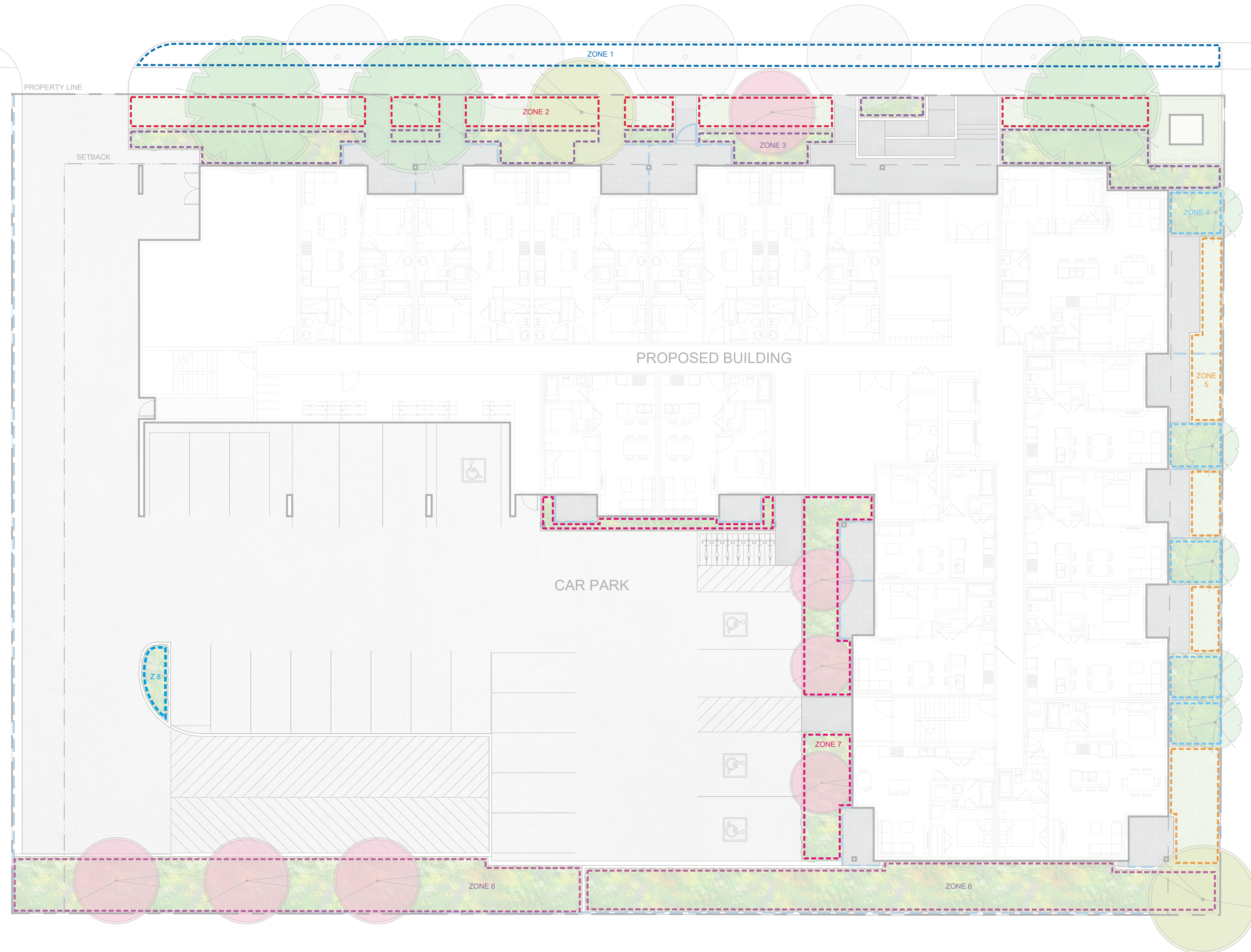


DRAWING NUMBER  
**LS-102**

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DOUGALL ROAD NORTH



**WATER CONSERVATION CALCULATIONS**

LANDSCAPE MAXIMUM WATER BUDGET (WB) = 253 cu.m. / year  
 ESTIMATED LANDSCAPE WATER USE (WU) = 213 cu.m. / year  
 WATER BALANCE = 40 cu.m. / year  
 \*REFER ATTACHED IRRIGATION APPLICATION FOR DETAILED CALCULATIONS

**IRRIGATION LEGEND**

- ZONE #1: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS  
 TOTAL AREA: 84sq.m.  
 MICROCLIMATE: SOUTHEAST EXPOSURE, PARTIALLY SHADED BY TREES  
 ESTIMATED ANNUAL WATER USE: 31 cu.m.
- ZONE #2: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREAS  
 TOTAL AREA: 86 sq.m.  
 MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY BUILDING AND TREES  
 ESTIMATED ANNUAL WATER USE: 24 cu.m.
- ZONE #3: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS  
 TOTAL AREA: 87 sq.m.  
 MICROCLIMATE: SOUTHEAST EXPOSURE, PARTIALLY SHADED BY TREES  
 ESTIMATED ANNUAL WATER USE: 42 cu.m.
- ZONE #4: LOW VOLUME POP-UP SPRAYHEADS FOR TURF AREAS  
 TOTAL AREA: 34 sq.m.  
 MICROCLIMATE: SOUTHEAST EXPOSURE, PARTIALLY SHADED BY TREES & BUILDINGS  
 ESTIMATED ANNUAL WATER USE: 29 cu.m.
- ZONE #5: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS  
 TOTAL AREA: 52 sq.m.  
 MICROCLIMATE: SOUTH WEST EXPOSURE, PARTIALLY SHADED BY BUILDING AND TREES  
 ESTIMATED ANNUAL WATER USE: 45 cu.m.
- ZONE #6: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS  
 TOTAL AREA: 202 sq.m.  
 MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES  
 ESTIMATED ANNUAL WATER USE: 115 cu.m.
- ZONE #7: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS  
 TOTAL AREA: 63 sq.m.  
 MICROCLIMATE: SOUTH WEST EXPOSURE, PARTIALLY SHADED BY BUILDING AND TREES  
 ESTIMATED ANNUAL WATER USE: 36 cu.m.
- ZONE #8: HIGH EFFICIENCY SUBSURFACE DRIP IRRIGATION FOR MODERATE WATER USE PLANTING AREAS  
 TOTAL AREA: 66sq.m.  
 MICROCLIMATE: NORTHWEST EXPOSURE, PARTIALLY SHADED BY TREES  
 ESTIMATED ANNUAL WATER USE: 6 cu.m.

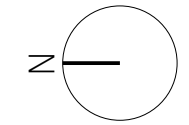
**IRRIGATION NOTES**

1. IRRIGATION PRODUCTS AND INSTALLATION METHODS SHALL MEET OR EXCEED THE REQUIREMENTS OF THE WATER USE REGULATION BYLAW NO. 10480 AND THE SUPPLEMENTARY SPECIFICATIONS IN THE CITY OF KELOWNA BYLAW 7900 (PART 6, SCHEDULE 5).
2. THE IRRIGATION SYSTEM SHALL MEET THE REQUIREMENTS, REGULATIONS, AND BYLAWS OF THE WATER PURVEYOR.
3. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH AN APPROVED BACKFLOW PREVENTION DEVICE, WATER METER, AND SHUT OFF VALVE LOCATED OUTSIDE THE BUILDING ACCESSIBLE TO THE CITY.
4. AN APPROVED SMART CONTROLLER SHALL BE INSTALLED. THE IRRIGATION SCHEDULING TIMES SHALL UTILIZE A MAXIMUM ET VALUE OF 7\* (MONTH (KELOWNA, JULY ET), TAKING INTO CONSIDERATION SOIL TYPE, SLOPE, AND MICROCLIMATE.
5. DRIP LINE AND EMITTERS SHALL INCORPORATE TECHNOLOGY TO LIMIT ROOT INTRUSION.
6. IRRIGATION SLEEVES SHALL BE INSTALLED TO ROUTE IRRIGATION LINES UNDER HARD SURFACES AND FEATURES.
7. IRRIGATION PIPE SHALL BE SIZED TO ALLOW FOR A MAXIMUM FLOW OF 1.5m /SEC.
8. A FLOW SENSOR AND MASTER VALVE SHALL BE CONNECTED TO THE CONTROLLER AND PROGRAMMED TO STOP FLOW TO THE SYSTEM IN CASE OF AN IRRIGATION WATER LEAK.

**SCHEDULE C**

This forms part of application  
 # DP23-0140

Planner Initials **BC**



PROJECT TITLE  
**465 DOUGAL ROAD NORTH**  
 Kelowna, BC

DRAWING TITLE  
**WATER CONSERVATION PLAN**

ISSUED FOR / REVISION		
1	23.06.27	Review
2	23.07.06	Issue for DP
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PROJECT NO	22-0343
DESIGN BY	AM
DRAWN BY	GS
CHECKED BY	FB
DATE	June 27th, 2023
SCALE	1:150
PAGE SIZE	24" x 36"

SEAL



DRAWING NUMBER

**LS-103**

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