

LEGEND

LIMIT OF WORK

EXISTING UG UTILITIES (REFER TO CIVIL)

HYDRO UNDERGROUND

MTS UTILITY

GAS

AC WATERMAIN

COMBINED SEWER (NEW LDS)

NEW SANITARY SEWER (REFER TO CIVIL)

EXISTING TREE TO BE PROTECTED AND REMAIN, UNLESS OTHERWISE NOTED.

EXISTING LIGHT STANDARD TO REMAIN, UNLESS OTHERWISE NOTED.

RAINGARDEN WITH WOOD MULCH, AS PER DETAIL 1 / L06

PAVERS AND CONCRETE. DESIGN AND LAYOUT TO BE DETERMINED.

NATURALIZED GROUND COVER. REFER TO SPECIFICATIONS. EXTENT OF NO-MOW AREAS TO BE DETERMINED

CONCRETE SPLASH STRIP AS PER CW-3310

1 GRATED CHECKERPLATE OVER CURB INLET. REFER TO DETAILS 6 / L05, 3 / L06 AND 4 / L06.

2 RIP RAP EROSION CONTROL. REFER TO 3 / L06.

3 TREE GRATE. REFER TO DETAIL 4 / L05 AND 4 / L07.

4 MONITORING WELL. REFER TO DETAIL 5 / L05. EXACT LOCATIONS TO BE CONFIRMED.

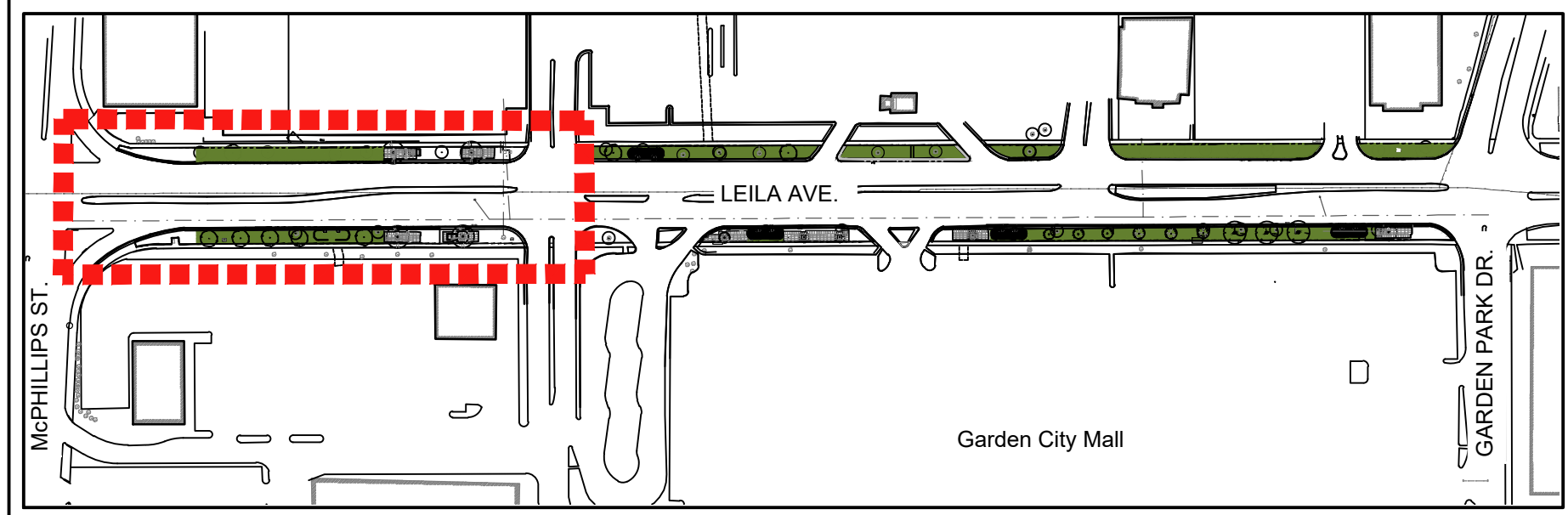
5 TREE PLANTED IN LARGE VOLUME SOIL WITH NATURALIZED SEED COVER. SEE DETAIL 1 / L07

6 TREE PLANTED IN TREE GRATE WITH HARDSCAPE COVER. SEE DETAIL 4 / L07.

0 1 5 10m

1:200

2
L01
AREA 1 EAST OF McPHILLIPS
SCALE - 1 : 200



1
L01
AREA 1 KEY PLAN
SCALE - NTS

PRELIMINARY
NOT TO BE USED FOR CONSTRUCTION

REMOVAL NOTES

- ALL EXISTING STRUCTURES, TREES, SHRUBS, SIDEWALKS, CURBS, SOD, UTILITIES AND PAVING TO BE PROTECTED (UNLESS OTHERWISE NOTED) DURING CONSTRUCTION TO CITY OF WINNIPEG STANDARDS. CONTRACTOR TO MAKE GOOD ALL DAMAGED AREA DURING CONSTRUCTION BOTH ON AND OFF SITE TO CITY OF WINNIPEG STANDARDS AT THE CONTRACTORS COSTS
- CONSTRUCTION ACCESS TO BE LIMITED TO THE ROUTES IDENTIFIED AT THE CONSTRUCTION START UP MEETING OR OTHERWISE NOTED.
- ALL NOTES IN GREY INDICATE WORK TO BE COMPLETED BY OTHERS UNDER SEPARATE CONTRACT
- CONTRACTOR TO LAYOUT EXTENTS OF EXCAVATION WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION
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A) NOTIFY ALL UTILITIES OF THE PROPOSED LOCATION OF EXCAVATION
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- REFER ALSO TO WRITTEN SPECIFICATIONS

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- EXACT LOCATION OF MONITORING WELLS AND RAINGARDEN PLANTINGS TO BE LOCATED ON SITE. ALL LAYOUT TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO ANY CONSTRUCTION OR REMOVAL
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METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED
UNDERGROUND STRUCTURES
SUPV. U/G STRUCTURES COMMITTEE DATE
NOTE:
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VERTICAL DATUM: CGVD28 (HT2.0 Geoid)
HORIZONTAL DATUM: NAD83 (June 1990), Zone 14

NO.	REVISIONS	DATE	BY
B	ISSUED FOR REVIEW 90% DRAWINGS	2025/10/17	CW
A	ISSUED FOR REVIEW 60% DRAWINGS	2025/07/11	CW

DATE: 11/17/2025

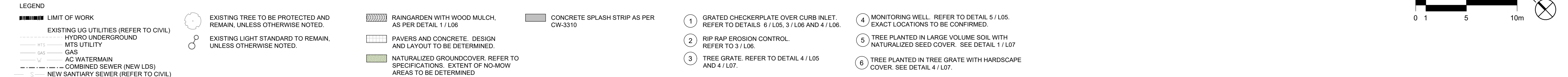
SCATLIFF + MILLER + MURRAY
Voluntary urban design + landscape

DESIGNED BY	CW	CHECKED BY	BS
DRAWN BY	CW	APPROVED BY	BS
SCALE: HORIZONTAL VERTICAL		RELEASED FOR CONSTRUCTION	
DATE		DATE	
PLOT DATE:			

CONSULTANT DRAWING NUMBER
L01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION
ARMSTRONG SEWER RELIEF WORKS
CONTRACT 1
AREA 1 LAYOUT + MATERIALS
LEILA AVENUE
GREEN INFRASTRUCTURE
SHEET 1 OF #
CITY DRAWING NUMBER
#####

FILE PATH: P:\projects\2025 Projects\25-0535-010_Armstrong_CSD\CAD\
FILE NAME: 2025-06-19_Armstrong_LAYOUTS.dwg



SCALE - 1 : 200



SCALE - NTS

NOT TO BE USED FOR CONSTRUCTION

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NO.	REVISIONS	DATE (YYYY/MM/DD)	BY
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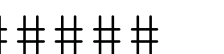
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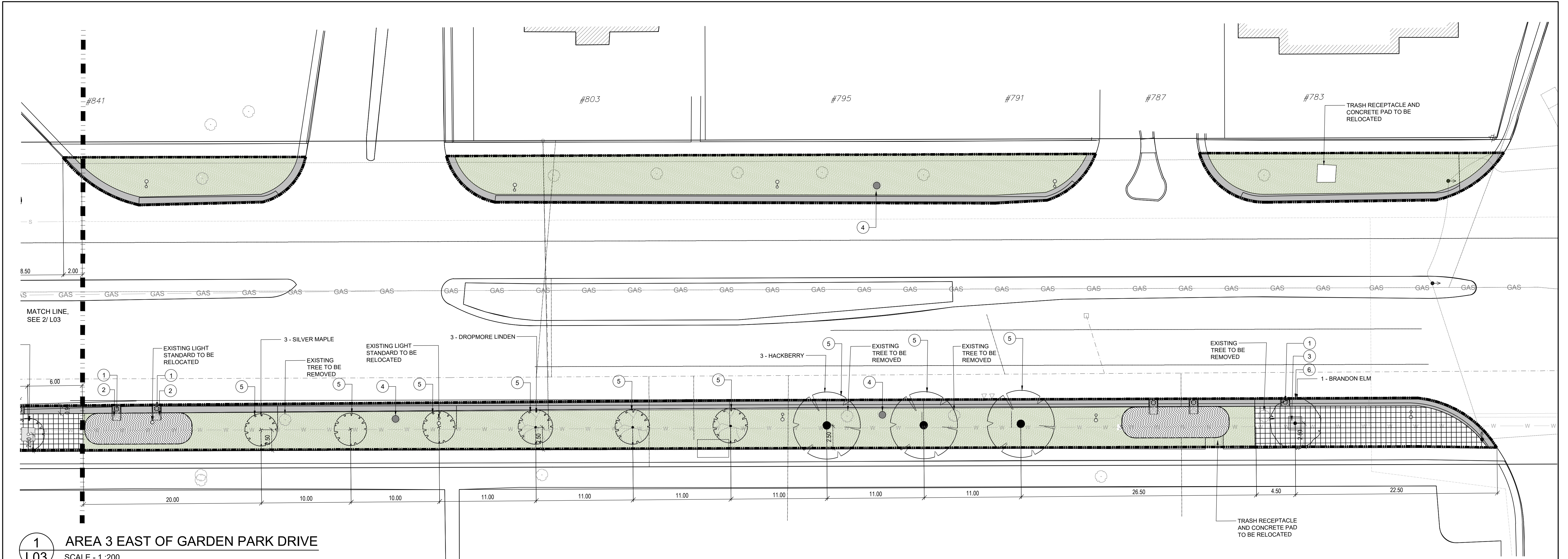
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BID OPP: ###-20##
CONTRACT NUMBER: :

6. REFER ALSO TO WRITTEN SPECIFICATIONS



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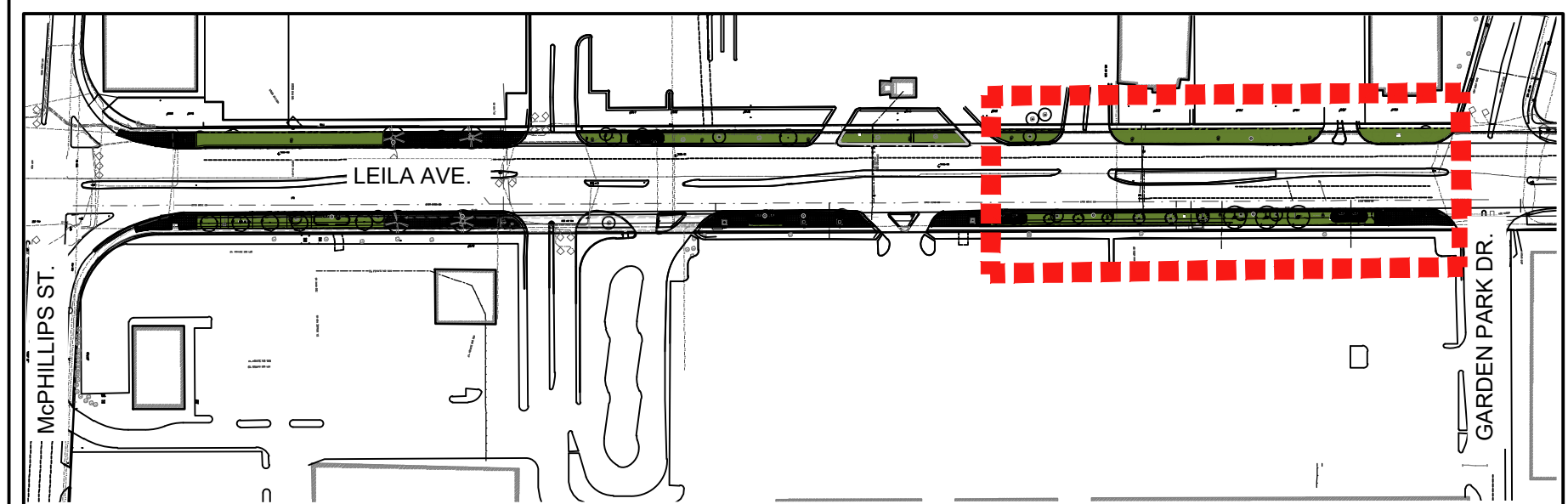
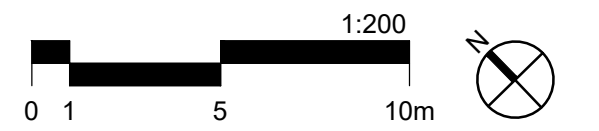


1
L03
AREA 3 EAST OF GARDEN PARK DRIVE
SCALE - 1:200

LEGEND

- LIMIT OF WORK
EXISTING UG UTILITIES (REFER TO CIVIL)
HYDRO UNDERGROUND
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GAS
AC WATERMAIN
COMBINED SEWER (NEW LDS)
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PAVERS AND CONCRETE, DESIGN AND LAYOUT TO BE DETERMINED.
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6 TREE PLANTED IN TREE GRATE WITH HARDSCAPE COVER. SEE DETAIL 4 / L07.



1
L03
AREA 3 KEY PLAN
SCALE - NTS

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UNDERGROUND STRUCTURES

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SCATLIFF + MILLER + MURRAY Voluntary urban design + landscapes			
DESIGNED BY	CW	CHECKED BY	BS
DRAWN BY	CW	APPROVED BY	BS
SCALE:		RELEASED FOR CONSTRUCTION	
HORIZONTAL		DATE	
VERTICAL		DATE	
PLOT DATE:			

CONSULTANT DRAWING NUMBER	L03
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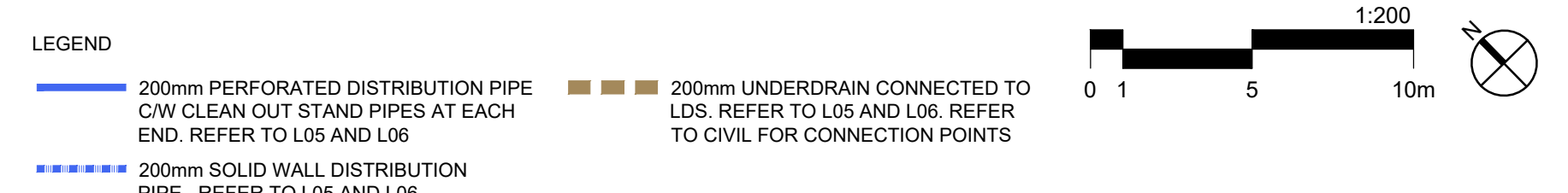


THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

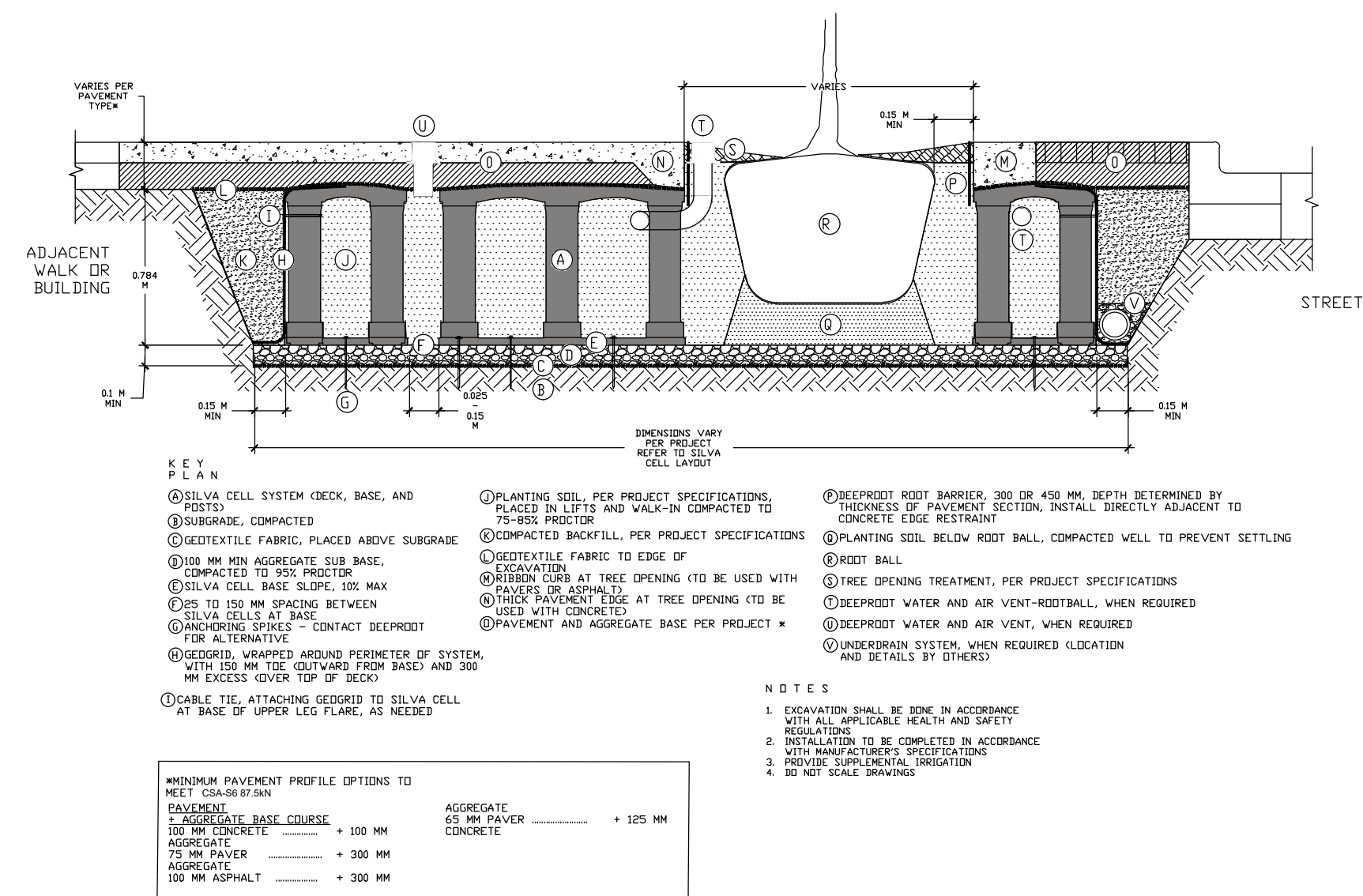
ARMSTRONG SEWER RELIEF WORKS
CONTRACT 1
AREA 3 LAYOUT + MATERIALS
LEILA AVENUE
GREEN INFRASTRUCTURE

SHEET 3 OF #
CITY DRAWING NUMBER
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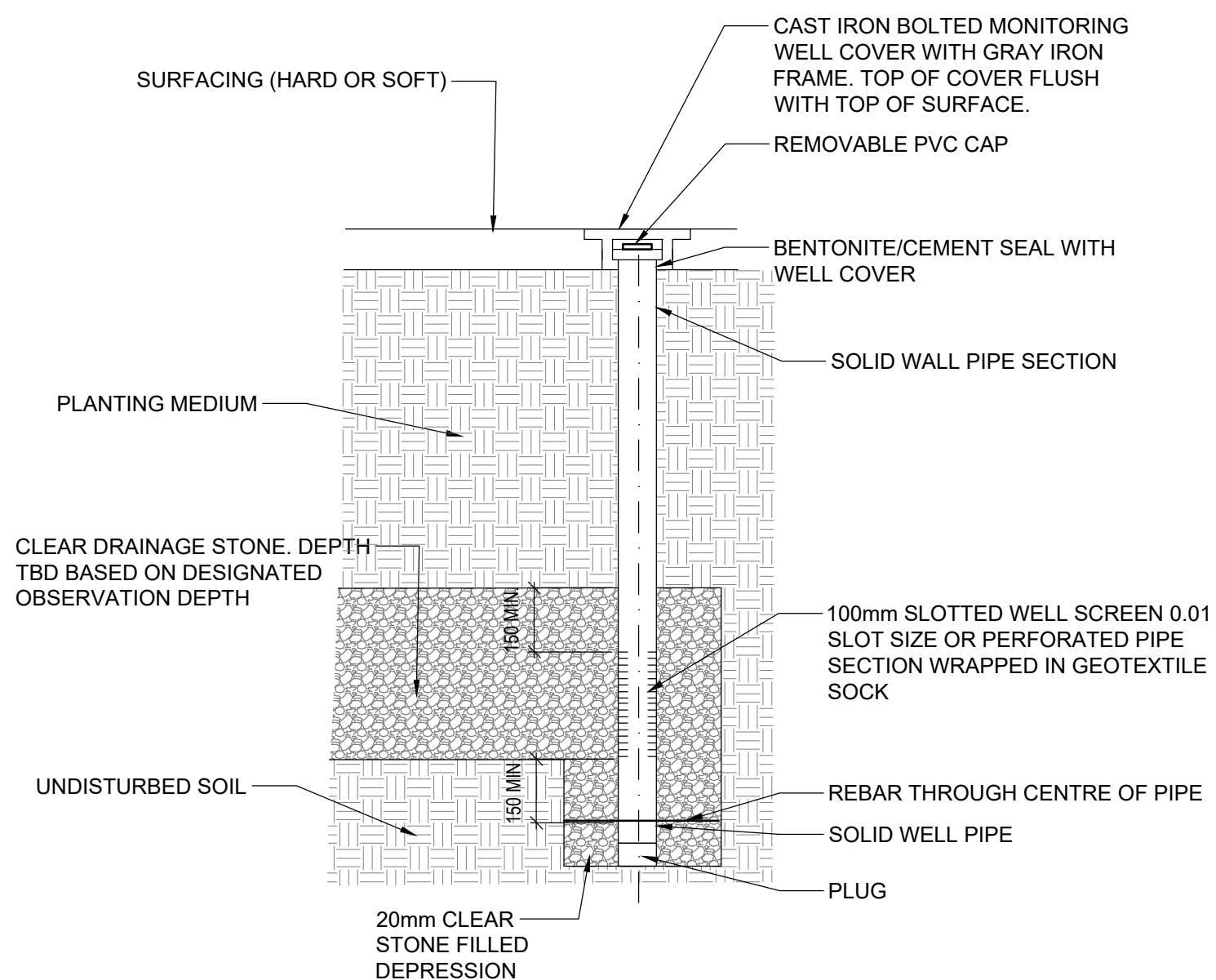


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2 CROSS SECTION OF SOIL CELLS AT CURB INLET - TYPICAL SOUTHSIDE
L05 SCALE - 1 : 50

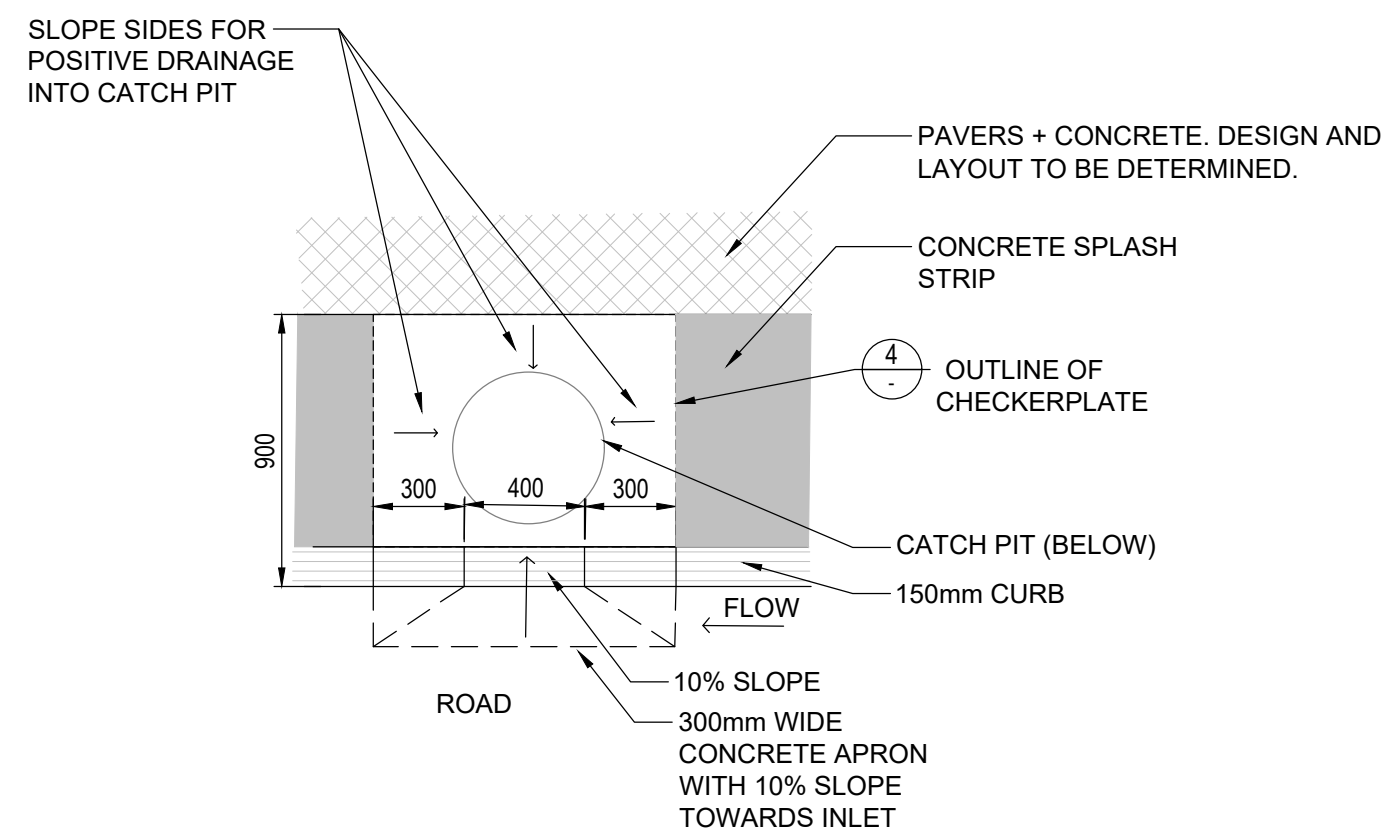
3 SILVA CELL SYSTEM 2X - TYPICAL



5 MONITORING WELL DETAIL

1. PERFORATED DISTRIBUTION PIPE SHALL BE 0% SLOPE WITH PERFORATIONS EXCLUSIVELY BELOW SPRINGLINE.
2. PROVIDE MAX. NUMBER OF DISTRIBUTION PIPE ACHIEVABLE BASED ON GEOMETRY. DISTRIBUTION PIPES AT 90 DEGREE BENDS SHALL BE TWO (2) 45 DEGREE OR THREE (3) 30 DEGREE COUPLINGS. DISTRIBUTION AND UNDERDRAIN PIPE CLEANOUTS SHALL BE SPACED AT 30m MAX. PROVIDE A SOLID WALL TRANSITION FROM CLEANOUT PIPE BENDS TO PERFORATED PIPE SEGMENTS.
3. UNDERDRAIN SHALL BE 200mm DIA. SMOOTH INTERIOR WALLED PERFORATED PIPE, SLOPED AT MAX. 1% TOWARDS OUTLET AND INSTALLED 100mm MIN. ABOVE BASE OF EXCAVATION. SPACING OF UNDERDRAIN FLOUTS TO MINOR SYSTEM SHALL NOT EXCEED 100m. OUTLET FLOW CONTROL TBD.

1. FOR MONITORING WELLS LOCATED WITHIN PLANTED AREAS, PVC CAP SHALL EXTEND 75mm ABOVE PONDING DEPTH.
2. MONITORING WELLS LOCATED IN HARDSCAPE OR MOWED AREAS SHALL BE FLUSH WITH THE FINISHED GRADE.

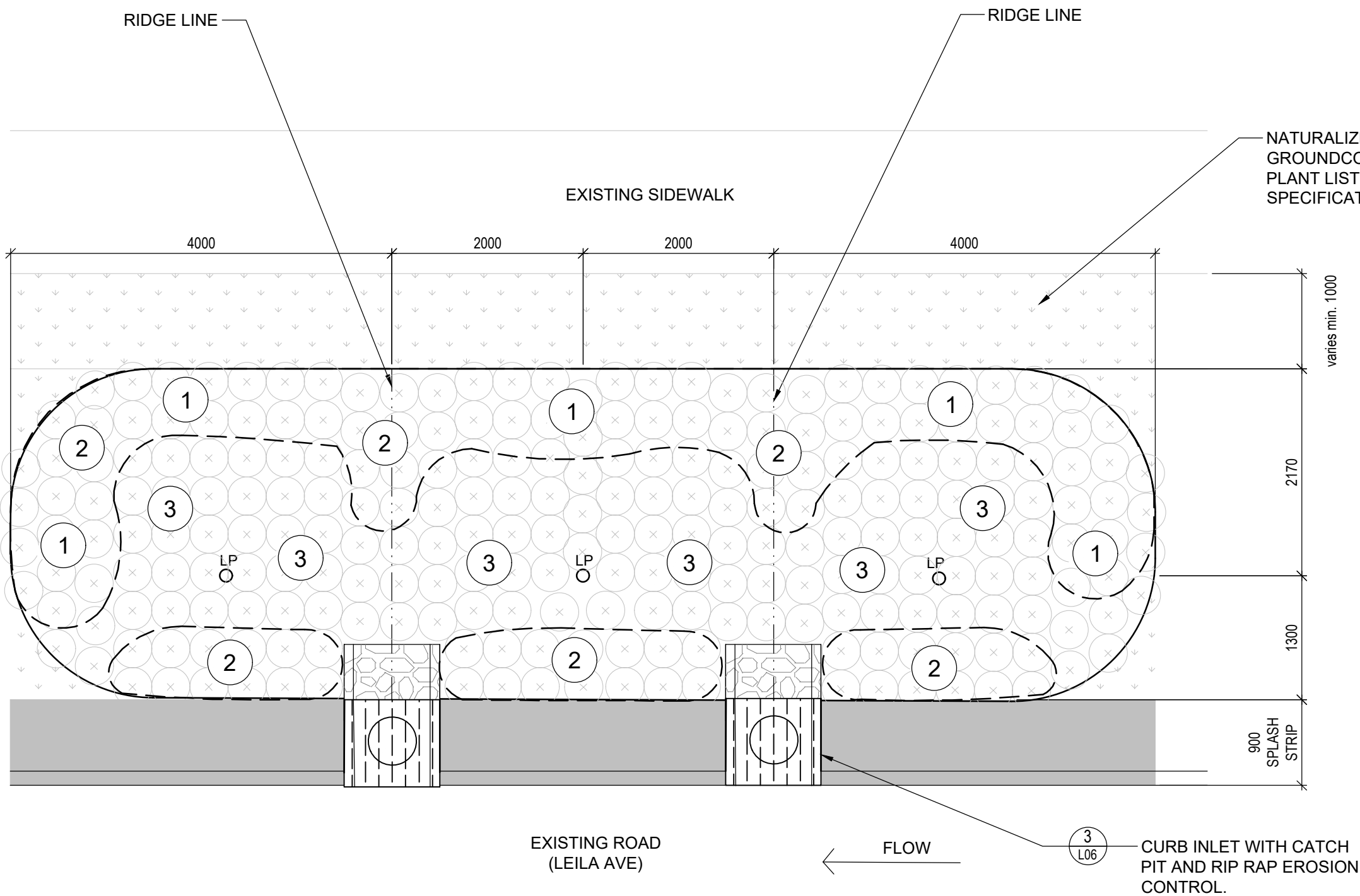


6 CURB INLET FOR TREE IN SOIL CELLS
L05 SCALE - 1 :25

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<div>METRIC</div> <div>WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES</div>	<div>WARNING</div> <div>IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:</div> <div>1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.</div> <div>2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.</div> <div>SEE PROVINCIAL REGULATION 210/72 FOR DETAILS</div>	<div>LOCATION APPROVED UNDERGROUND STRUCTURES</div> <div>SUPV. U/G STRUCTURES COMMITTEE DATE</div> <div>NOTE:</div> <div>LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.</div>	VERTICAL DATUM: CGVD83 (HT2.0 Geoid)				<div>SCATLIFF + MILLER + MURRAY</div> <div>visionary urban design + landscapes</div>		<div>DESIGNED BY CW</div> <div>CHECKED BY BS</div> <div>DRAWN BY CW</div> <div>APPROVED BY BS</div> <div>SCALE:</div> <div>RELEASED FOR CONSTRUCTION</div> <div>DATE</div>		CONSULTANT DRAWING NUMBER L05		
			HORIZONTAL DATUM: NAD83 (June 1990), Zone 14										
						PLOT DATE:		BID OPP: ###-20# CONTRACT NUMBER: #		FILE PATH: P:\projects\2025 Projects\25-0535-010_Armstrong_CSD\CAD\ FILE NAME: 2025-06-19_Armstrong_LAYOUTS.dwg			

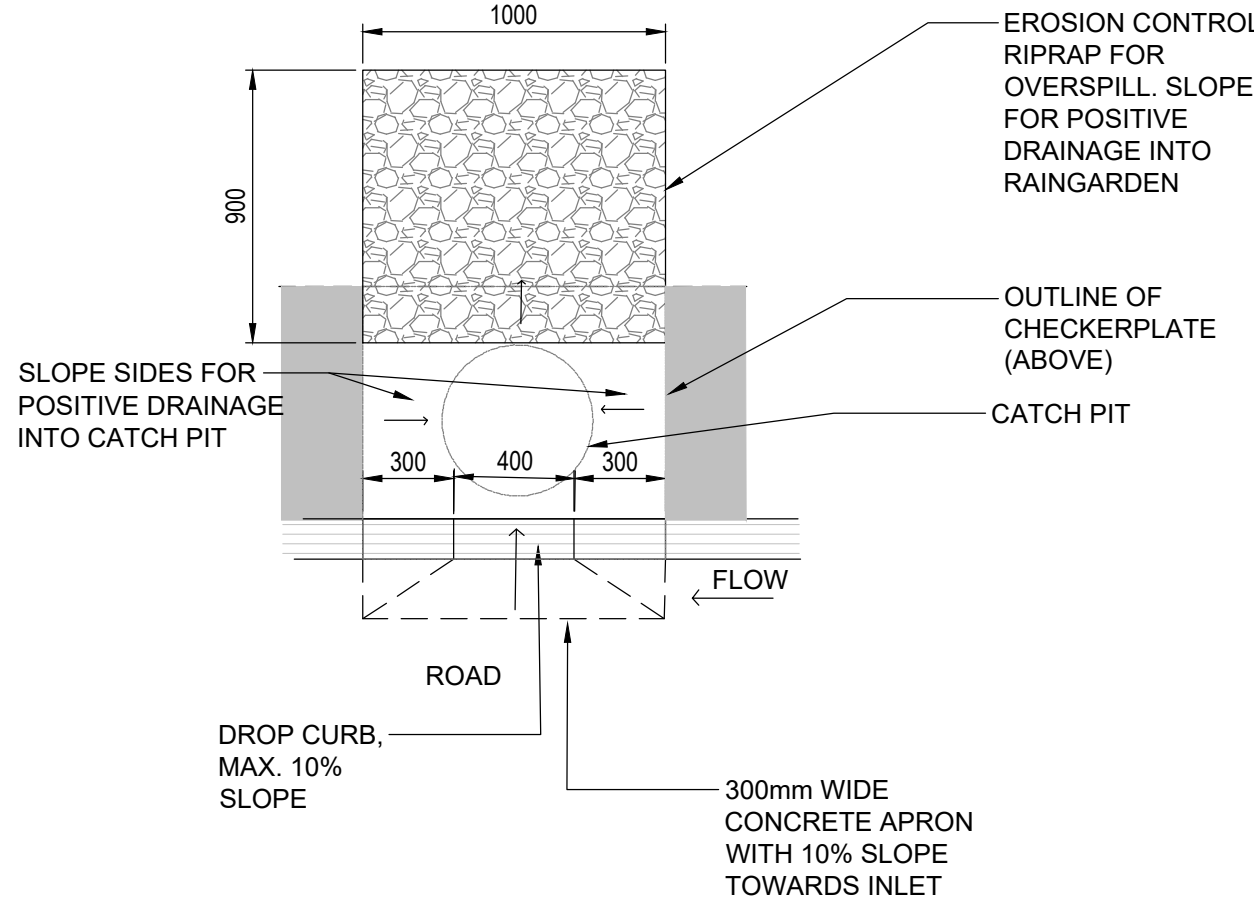
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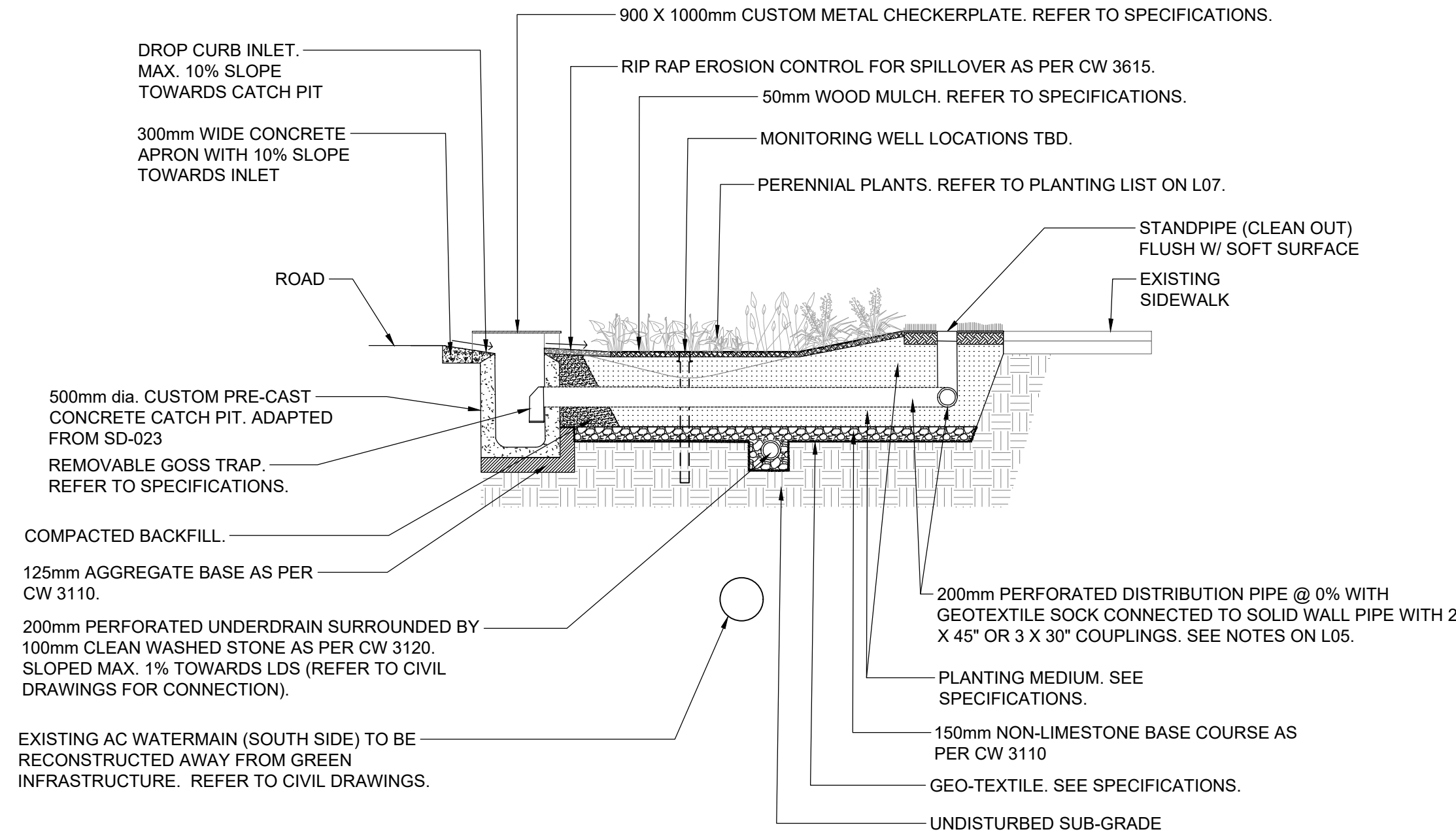
- RAINGARDEN NOTES:**
1. FOLLOW CITY OF WINNIPEG EXISTING TREE PROTECTION PROCEDURE FOR RAINGARDENS ADJACENT TO EXISTING TREES.
 2. COORDINATE PROPAGATION OF MATERIAL WITH NURSERY UPON AWARD OF CONTRACT TO ENSURE MATERIAL IS AVAILABLE FOR PLANTING.
 3. LOCATION OF PROPOSED UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY. FINALIZED RELOCATIONS TO BE COORDINATED.
 4. LAYOUT OF PLANT MATERIAL TO BE STAKED ON SITE AND APPROVED BY CONSULTANT PRIOR TO INSTALLATION.
 5. REFER TO PLANTING LIST OF L07 FOR SPECIES DETAILS AND APPROXIMATE QUANTITIES.
 6. ALSO REFER TO WRITTEN SPECIFICATION AND CITY OF WINNIPEG STANDARD SPECIFICATIONS.

- SPECIES KEY**
- 1 DROUGHT TOLERANT GRASS SPECIES:**
- Side oats grama
 - Blue grama
 - Sheep fescue
 - June grass
 - Little bluestem
- 2 DROUGHT TOLERANT WILDFLOWERS SPECIES:**
- Yarrow
 - White prairie clover
 - Purple prairie clover
 - Common gallardia
 - Black eyed susan
 - Smooth aster
 - Wild bergamot
- 3 WET MEADOW SPECIES:**
- Bebb's Sedge
 - Tufted hair grass
 - Prairie dropseed
 - Sweet grass
 - Hyssop
 - Golden Alexanders
 - Heart Leaved Alexanders
 - Swamp Milkweed
 - Dwarf Milkweed

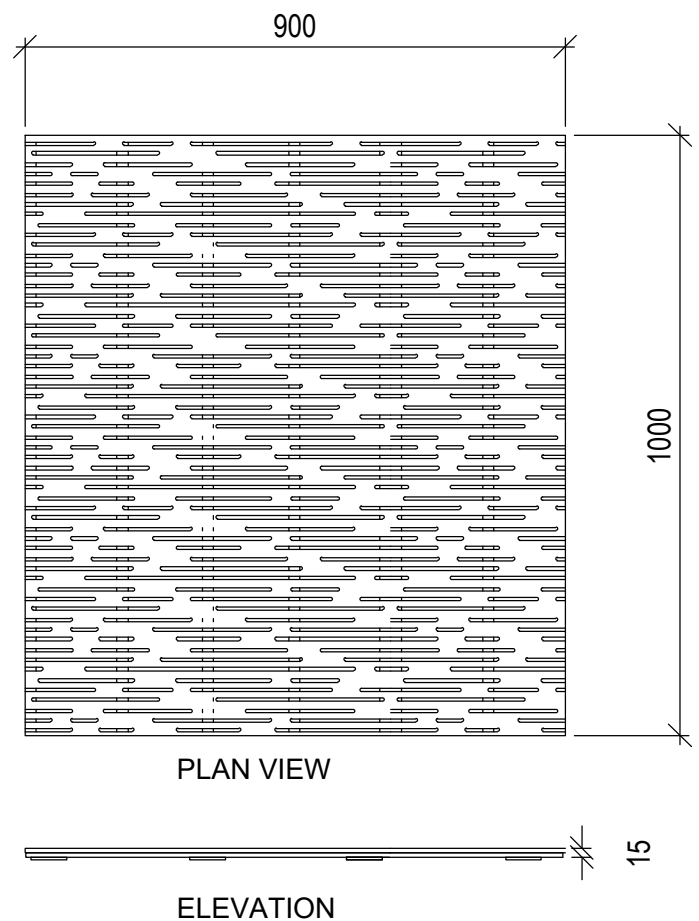
1 RAINGARDEN PLAN + PLANTING
SCALE - 1 :50



3 CURB INLET @ RAINGARDEN
SCALE - 1 :50



2 RAINGARDEN CROSS SECTION @ DISTRIBUTION PIPE - TYPICAL
SCALE - 1 :50



- CHECKERPLATE GRATE NOTES:**
1. CUSTOM METAL WORK BY IRONSMITH FOUNDRY OR APPROVED EQUAL. REFER TO SPECIFICATIONS.

4 CUSTOM CHECKERPLATE GRATE INLET COVER
SCALE - 1 :12

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B	ISSUED FOR 90% REVIEW	2025/10/16	CW
A	ISSUED FOR DISCUSSION	2025/09/04	CW
ND	REVISIONS	DATE	BY
		01/10/2025	

SCATLIFF + MILLER + MURRAY Valuenergy urban design + landscapes			
DESIGNED BY	CW	CHECKED BY	BS
DRAWN BY	CW	APPROVED BY	BS
SCALE:		RELEASED FOR CONSTRUCTION	
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VERTICAL	.		
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PLOT DATE:			

CONSULTANT DRAWING NUMBER
L06



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

ARMSTRONG SEWER RELIEF WORKS
CONTRACT 1
RAINGARDEN DETAILS
LEILA AVENUE
GREEN INFRASTRUCTURE

SHEET 4 OF #
CITY DRAWING NUMBER
#####

PLANTING LIST

DECIDUOUS TREES				
#	Common Name	Scientific Name	Notes	SPACING
4	AMERICAN BASSWOOD	<i>Tilia americana</i>	60mm Caliper, 3.5 - 4.0m ht., 11 Major Branches in Well Formed Head 2.0m Above Grade. Straight Trunk. Wire Basket Machine Dug. Root Flare to be Visible.	AS SHOWN
9	BRANDON ELM	<i>Ulmus americana</i> 'Brandon'	50mm Caliper, B&B, min. 6 main branches & strong leader min. 2.8m high	AS SHOWN
3	DROPMORE LINDEN	<i>Tilia x flavescens</i> 'Dropmore'	60mm Caliper, 3.5 - 4.0m ht., 11 Major Branches in Well Formed Head 2.0m Above Grade. Straight Trunk. Wire Basket Machine Dug. Root Flare to be Visible.	AS SHOWN
3	HACKBERRY	<i>Celtis occidentalis</i>	65mm caliper, 300-400cm height, straight trunk, balanced head, B&B or tree mover, wire basket.	AS SHOWN
7	SILVER MAPLE	<i>Acer saccharinum</i>	Multi-Stem, 50mm Caliper (All Stems), 2.4 - 3.0m ht., Min. 600mm Ø Rootball, Well Branched and Balanced, Min. 10 Major Branches. Wire Basket Machine Dug. Root Flare to be Visible.	AS SHOWN

RAINGARDEN SPECIES

Grasses + Sedges

#	Common Name	Scientific Name	Notes	SPACING
60	SIDE OATS GRAMA	<i>Bouteloua curtipendula</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	BLUE GRAMA	<i>Bouteloua gracilis</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	BEBB'S SEDGE	<i>Carex bebbii</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	TUFTED HAIR GRASS	<i>Deschampsia casespitosis</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	SHEEP FESCUE	<i>Festuca ovina</i> var. <i>saximontana</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	SWEET GRASS	<i>Hierochloa odorata</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	JUNE GRASS	<i>Koeleria macrantha</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	LITTLE BLUESTEM	<i>Schizachyrium scoparium</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.
60	PRAIRIE DROPSEED	<i>Sporobolus heterolepis</i>	#1 Container. 2 year old plants. Well developed root system.	400mm O.C.

Wildflowers

#	Common Name	Scientific Name	Notes	SPACING
60	YARROW	<i>Achillea millefolium</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	HYSSOP	<i>Agastache foeniculum</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	SWAMP MILKWEED	<i>Asclepias incarnata</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	DWARF MILKWEED	<i>Asclepias ovaifolia</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	WHITE PRAIRIE CLOVER	<i>Dalea canadense</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	PURPLE PRAIRIE CLOVER	<i>Dalea purpurea</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	COMMON GAILLARDIA	<i>Gaillardia aristata</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	WILD BERGAMOT	<i>Mondara fistulosa</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	BLACK-EYED SUSAN	<i>Rudbeckia hirta</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	SMOOTH ASTER	<i>Symphyotrichum laeve</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	HEART-LEAVED ALEXANDERS	<i>Zizia aptera</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.
60	GOLDEN ALEXANDERS	<i>Zizia aurea</i>	#1 Container. #1 Fan Division. Well developed root system	400mm O.C.

RAINGARDEN SPECIES NOTES:
Selection Criteria: City of Winnipeg Approved Plant Guides, < 1m. mature height, broad soil tolerances with respect to moisture and salinity.
Layout: Species to be grouped in clusters of 6 - 8, final layout TBD in field by Contract Administrator or representative.
Maintenance: Extended Contractor-led maintenance of 3 - 5 years with seasonal tasks and replanting as needed.

NATURALIZED GROUNDCOVER SEED SPECIES LIST

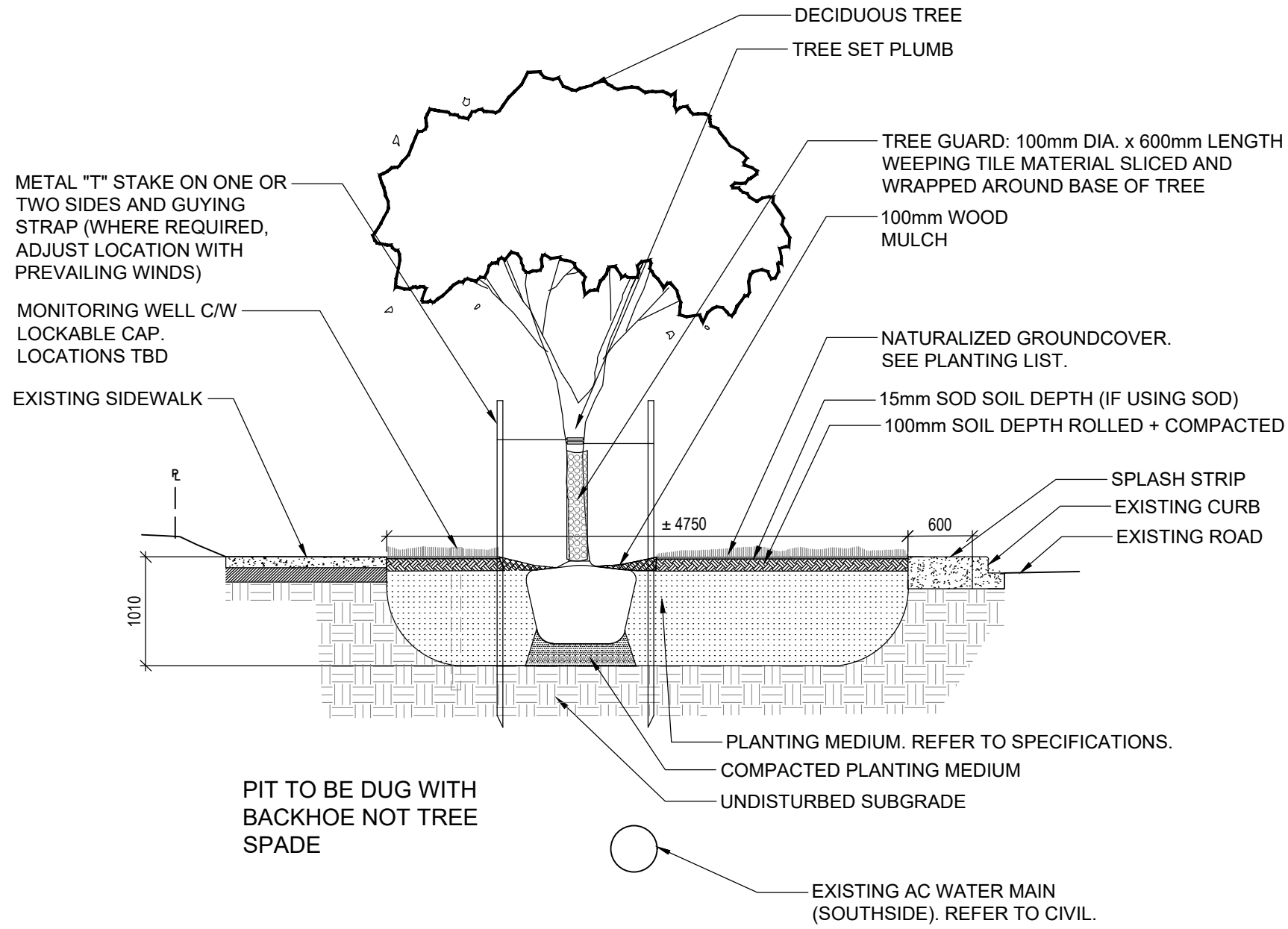
Grasses + Sedges

- Side Oats Grama, *Bouteloua curtipedula*
- Blue Grama, *Bouteloua gracilis*
- Sheep Fescue, *Festuca ovina* var. *saximontana*
- June Grass, *Koeleria macrantha*
- Nuttall's alkaligrass, *Puccinellia nuttalliana*
- Little Bluestem, *Schizachyrium scoparium*

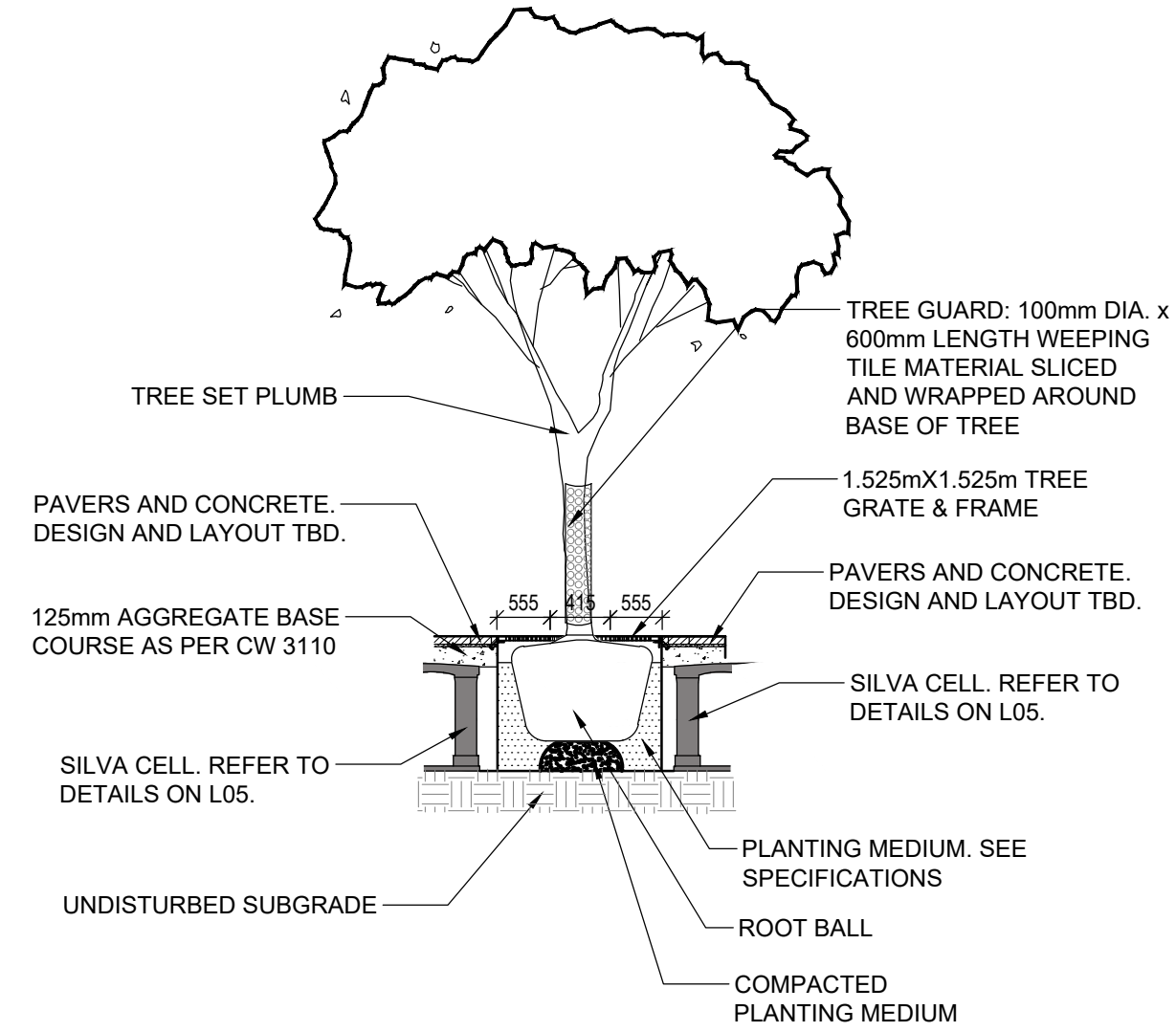
Wildflowers

- Yarrow, *Achillea millefolium*
- White Prairie Clover, *Dalea canadense*
- Purple Prairie Clover, *Dalea purpurea*
- Common Gaillardia, *Gaillardia aristata*
- Black Eyed Susan, *Rudbeckia hirta*
- Smooth Aster, *Symphyotrichum laeve*

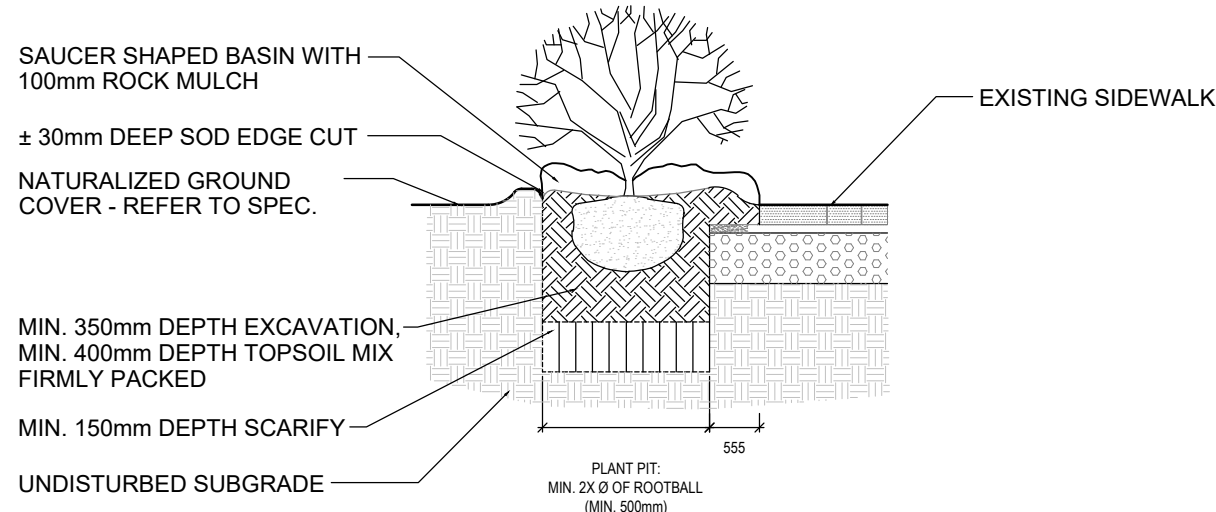
NATURALIZED GROUNDCOVER SEED SPECIES NOTES:
Description: Salt and drought tolerant native species, height under 1m.
Use: To be used anywhere there is groundcover in boulevards
Plant Materials and Methods: Seeded and established as per NS-PR-2012
Maintenance: Occasional mow and spot spray perennial weeds, reseed as needed.



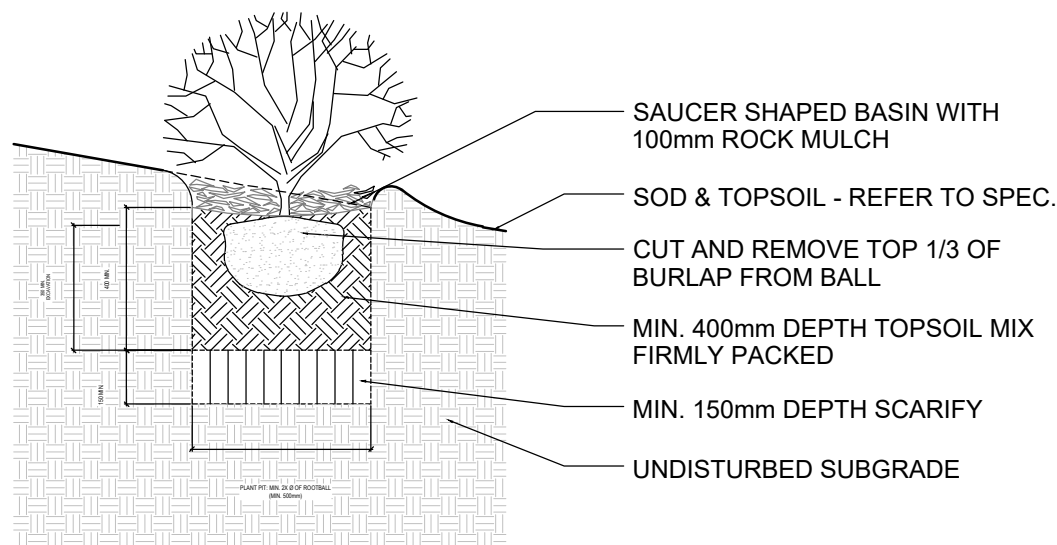
1 TREE PLANTING IN SOFTSCAPE CROSSSECTION
N.T.S.



4 TREE PLANTING IN GRATES - TYPICAL
N.T.S.



2 PERENNIAL PLANTING ADJACENT TO HARD SURFACE
N.T.S.



3 PERENNIAL PLANTING ON A SLOPE
N.T.S.

PLANTING NOTES

- ALL EXISTING TREES, SHRUBS, SIDEWALKS, CURBS, SOD, UTILITIES AND PAVING TO BE PROTECTED (UNLESS OTHERWISE NOTED) DURING CONSTRUCTION TO CITY OF WINNIPEG STANDARDS. CONTRACTOR TO MAKE GOOD ALL DAMAGED AREA DURING CONSTRUCTION BOTH ON AND OFF SITE TO CITY OF WINNIPEG STANDARDS AT THE CONTRACTORS COSTS.
- LOCATION OF PROPOSED UNDERGROUND UTILITIES SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO REFER TO LATEST DRAWINGS OF THE RELATED SECTIONS FOR FINAL LOCATION OF UNDERGROUND UTILITIES.
- COORDINATE PROPAGATION OF MATERIAL WITH NURSERY UPON AWARD OF CONTRACT TO ENSURE MATERIAL IS AVAILABLE FOR PLANTING.
- EXISTING GRADE TO BE MAINTAINED AT ALL PROPERTY LINES AND CITY SIDEWALKS AND WITHIN 3m OF TREES. ENSURE POSITIVE DRAINAGE IN ALL AREAS.
- ALL TREES TO BE PLANTED IN ACCORDANCE WITH REFER TO CITY OF WINNIPEG DRAWINGS AND STANDARD GUIDELINES.
- LAYOUT OF PLANT MATERIAL TO BE STAKED ON SITE AND APPROVED BY CONSULTANT PRIOR TO INSTALLATION.
- TREES IN SEED AREAS SHOULD BE SPACED WITH MIN. 2.0m CLEAR DISTANCE BETWEEN FROM RAINGARDENS TO ALLOW FOR MOWING EQUIPMENT.
- REFER TO CITY OF WINNIPEG TREE PLANTING AND MAINTENANCE SPECIFICATION.
- REFER ALSO TO WRITTEN SPECIFICATIONS

PRELIMINARY

NOT TO BE USED FOR CONSTRUCTION

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

NOTE:

LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

VERTICAL DATUM: CGVD28 (HT2.0 Geoid)

HORIZONTAL DATUM: NAD83 (June 1990), Zone 14

NO.	REVISIONS	DATE (YYYY/MM/DD)	BY
A	ISSUED FOR REVIEW 90% DRAWINGS	2025/10/17	CW
ND			

SCATLIFF + MILLER + MURRAY
visionary urban design + landscapes

DESIGNED BY	CW	CHECKED BY	BS
DRAWN BY	CW	APPROVED BY	BS
SCALE: HORIZONTAL . VERTICAL .		RELEASED FOR CONSTRUCTION	
DATE		DATE	

PLOT DATE:

CONSULTANT DRAWING NUMBER
L07

BID OPP: NHH-2011
CONTRACT NUMBER: #



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING SERVICES DIVISION

ARMSTRONG SEWER RELIEF WORKS
CONTRACT 1
PLANTING DETAILS + SCHEDULE
LEILA AVENUE
GREEN INFRASTRUCTURE

SHEET 4 OF #

CITY DRAWING NUMBER

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