

1 LANDSCAPE KEY PLAN
SCALE 1: 500

LEGEND

SYMBOL	DESCRIPTION
	EXISTING TREE TO BE PROTECTED
	TREE PROTECTION FENCING
	CONCRETE SURFACE
	DECORATIVE ROCK MULCH
	SHRUB PLANTING BED (PLANTING BY OTHERS) REFER PLAN ENLARGEMENTS FOR XERISCAPE OR PARK SHRUB PLANTING
	SOD
	LIVE STAKE PLANTING - IN RIPRAP
	LIVE STAKE PLANTING AND PLUG PLANTING - NO RIPRAP
	LIVE STAKE BUNDLES - IN DIKE RIPRAP

PROJECT SITE FEATURE SCHEDULE

SYMBOL	DESCRIPTION	QTY
	EMBEDDED LARGE WOODY DEBRIS (L.W.D.)	3
	VERTICAL LOG SNAG	4
	RUNDLE FEATURE BOULDER	44
	DRY-STACK WALL - SINGLE COURSE	22 lm
	DRY-STACK WALL - MULTIPLE COURSES	21 lm
	ROOT BARRIER	56 lm
	HANDRAIL AT STAIRS	15 lm

NOTES:

- SALVAGE EXISTING SITE BOULDERS WHERE POSSIBLE FOR USE AS RUNDLE FEATURE BOULDERS. APPROXIMATELY 18-20 EXISTING BOULDERS WILL BE AVAILABLE FOR RE-USE.
- ROOT BARRIER SHALL BE UB24-2 FROM DEEPROOT CANADA OR APPROVED EQUAL. INSTALL AS PER MANUFACTURER'S SPECIFICATIONS.
- REFER TO PLAN ENLARGEMENTS FOR ALL SITE FEATURE LOCATIONS

TREE PLANTING KEY (PLANTING BY OTHERS)

TREES	COMMON NAME	QTY
	PAPER BIRCH	6
	TUXEDO WHITE ASH	5
	WESTERN MOUNTAIN ASH	5
	GRAND FIR	1



SCALE CAD FILENAME LAND-R2-1131-1100 PLOT DATE 2023-11-16

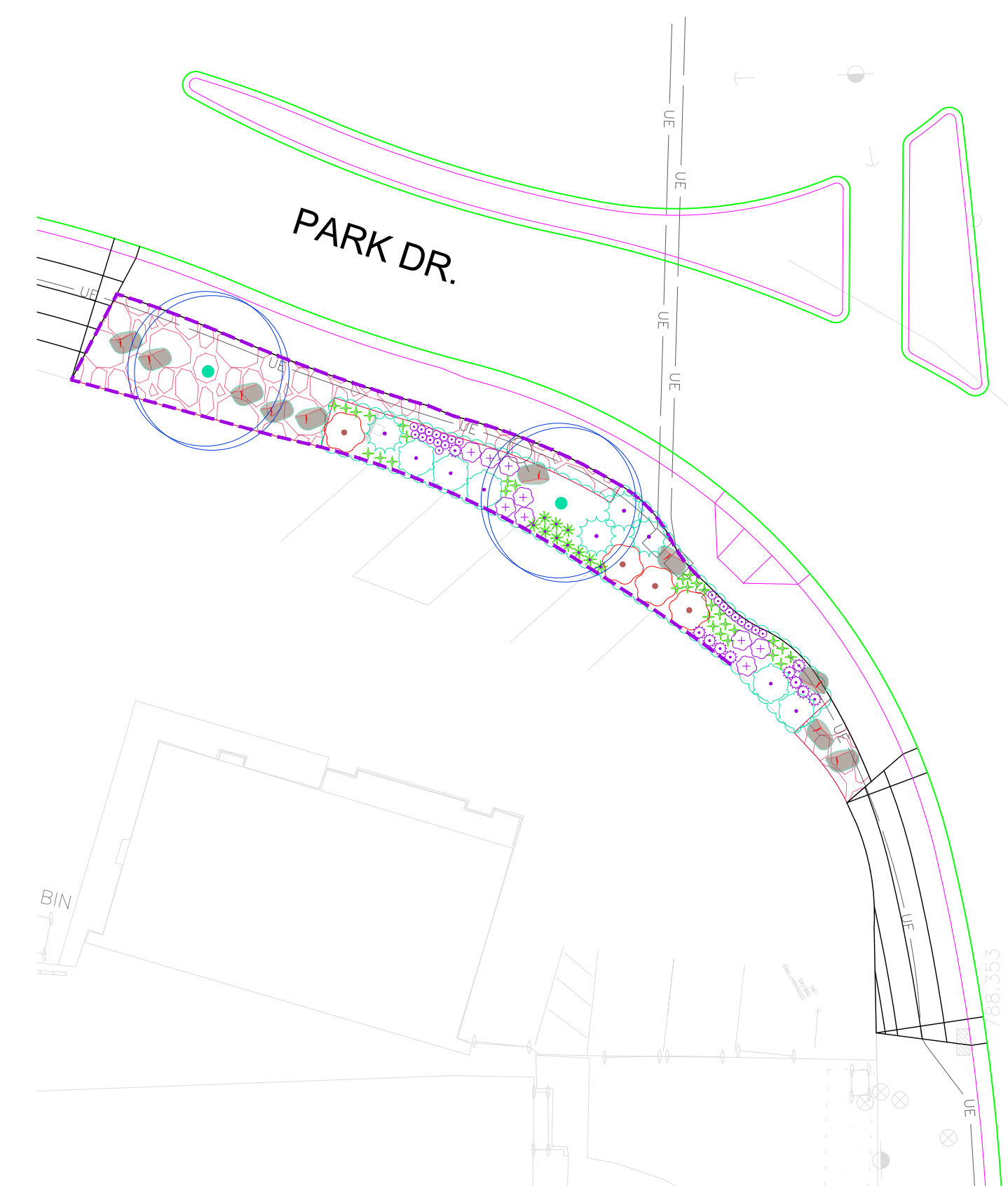
LANDSCAPE KEY PLAN
HIGHWAY No. 95
KICKING HORSE RIVER BRIDGE 1 & 2 REPLACEMENT AND APPROACHES

REV	DATE	REVISIONS	NAME

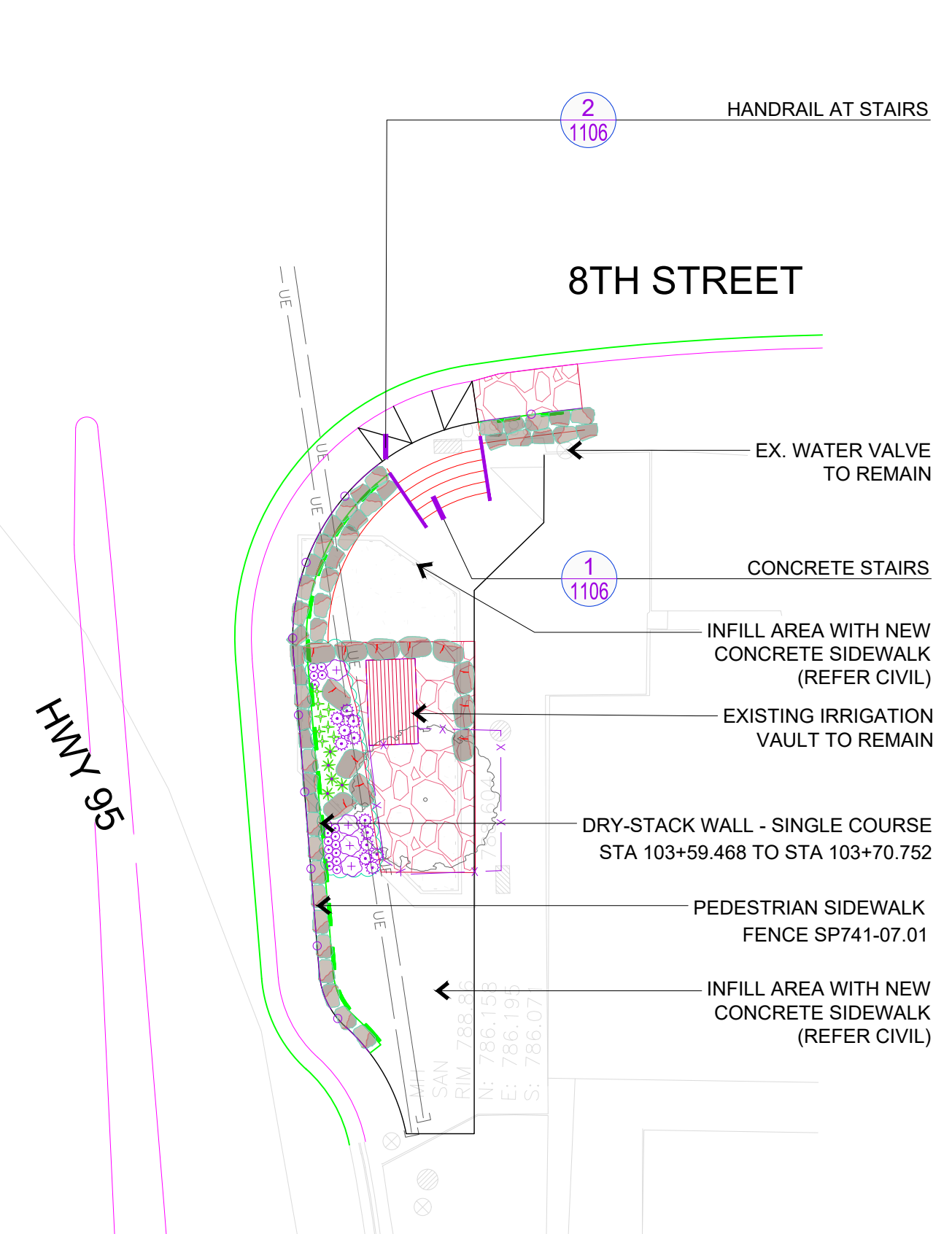
DESIGNED <u>S. MCCOY</u> DATE 2023-11-16	QUALITY CONTROL <u>J. WILKISON</u> DATE 2023-11-16
QUALITY ASSURANCE <u>T. BLACKBURN</u> DATE 2023-11-16	DRAWN <u>J. BRUINEMAN</u> DATE 2023-11-16
SENIOR DESIGNER	DATE 2023-11-15
FILE NUMBER 1961.0459.01	PROJECT NUMBER 26379-0000
REG 2	DRAWING NUMBER R2-1131-1102 (COLOUR)

PLOT DATE: 2023/11/16 \\us1.urban-systems.com\projects\Projects_KEL\1961\0459\01\Design\CAD\DrawingProduction\100_SubDisciplines\Landscape\LAND-R2-1131-1100.dwg

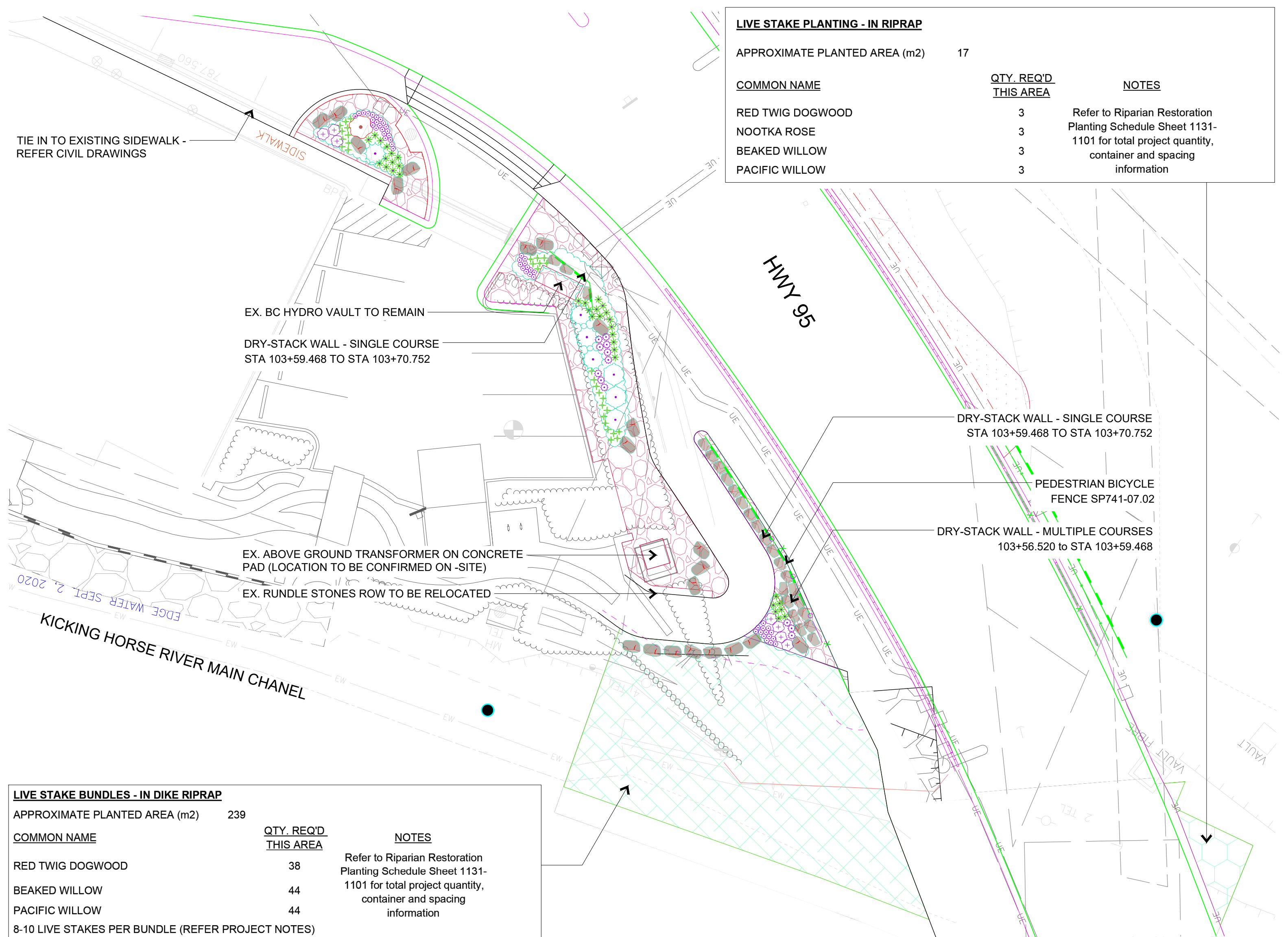
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1 LANDSCAPE AREA 1 (MOVIE THEATRE)
SCALE 1:200



2 LANDSCAPE AREA 2
SCALE 1:200



LIVE STAKE PLANTING - IN RIPRAP		
COMMON NAME	QTY REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	3	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
NOOTKA ROSE	3	
BEAKED WILLOW	3	
PACIFIC WILLOW	3	

LIVE STAKE BUNDLES - IN DIKE RIPRAP		
COMMON NAME	QTY REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	38	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
BEAKED WILLOW	44	
PACIFIC WILLOW	44	
8-10 LIVE STAKES PER BUNDLE (REFER PROJECT NOTES)		

LEGEND

SYMBOL	DESCRIPTION
	EXISTING TREE TO BE PROTECTED
	TREE PROTECTION FENCING
	DECORATIVE ROCK MULCH
	SOD
	TREE LOCATION (REFER 1102)
	SHRUB PLANTING BED
	LIVE STAKE PLANTING - IN RIPRAP
	LIVE STAKE BUNDLES - IN DIKE RIPRAP

AREA 1 SHRUB KEY (PLANTING BY OTHERS)

SYMBOL	COMMON NAME	QTY
	KINNIKINICK	4
	SILVER KING WHITE SAGEBRUSH	13
	BIG SAGEBRUSH	4
	TUFTED HAIR GRASS	39
	BLUE OAT GRASS	15
	STELLA DE ORO DAYLILY	39
	BLUEBUNCH WHEATGRASS	22
	NOOTKA ROSE	5

AREA 2 SHRUB KEY (PLANTING BY OTHERS)

SYMBOL	COMMON NAME	QTY
	KINNIKINICK	4
	SILVER KING WHITE SAGEBRUSH	7
	BIG SAGEBRUSH	1
	TUFTED HAIR GRASS	31
	BLUE OAT GRASS	35
	STELLA DE ORO DAYLILY	40
	BLUEBUNCH WHEATGRASS	12
	NOOTKA ROSE	3

AREA 1 SITE FEATURE KEY (QTY THIS SHEET)

SYMBOL	DESCRIPTION	QTY
	RUNDLE FEATURE BOULDER	20
	DRY-STACK WALL SINGLE COURSE	12 lm
	DRY-STACK WALL MULTIPLE COURSES	15 lm
	ROOT BARRIER	56 lm
	HANDRAIL AT STAIRS	5 lm

AREA 2 SITE FEATURE KEY (QTY THIS SHEET)

SYMBOL	DESCRIPTION	QTY
	RUNDLE FEATURE BOULDER	21
	DRY-STACK WALL SINGLE COURSE	16 lm
	DRY-STACK WALL MULTIPLE COURSES	6 lm

SCALE 0 2 1:200 10m

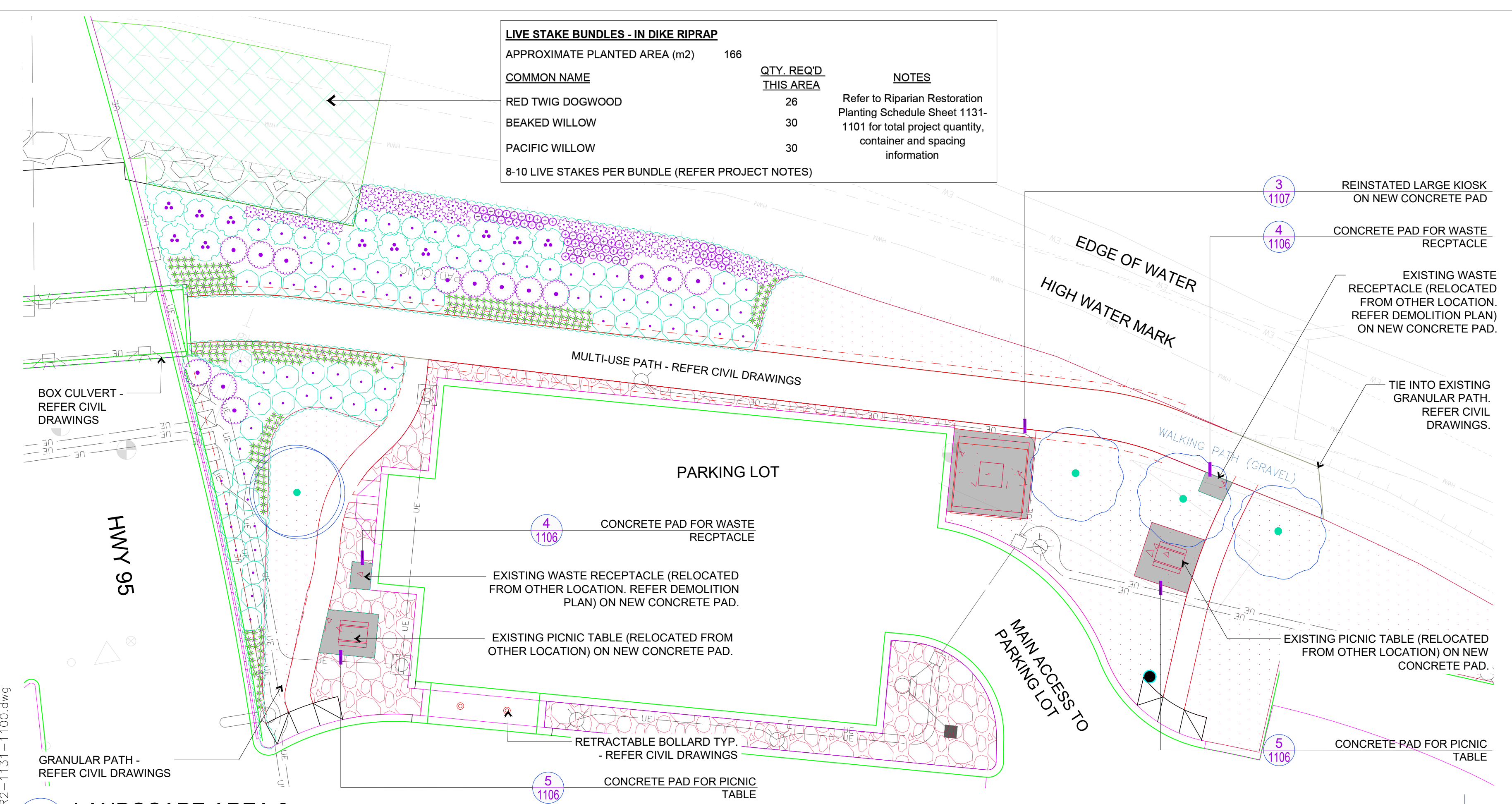
CAD FILENAME LAND-R2-1131-1100
PLOT DATE 2023-11-16

REV	DATE	REVISIONS	NAME

LANDSCAPE ENLARGEMENT PLAN
HIGHWAY No. 95
KICKING HORSE RIVER BRIDGE 1 & 2 REPLACEMENT AND APPROACHES

DESIGNED <u>S. MCCOY</u> DATE 2023-11-16	QUALITY CONTROL <u>J. WILKISON</u> DATE 2023-11-16
QUALITY ASSURANCE <u>T. BLACKBURN</u> DATE 2023-11-16	DRAWN <u>J. BRUINEMAN</u> DATE 2023-11-16

SENIOR DESIGNER	DATE 2023-11-15	FILE NUMBER 1961.0459.01	PROJECT NUMBER 26379-0000	REG 2	DRAWING NUMBER R2-1131-1103 (COLOUR)	REV -
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LIVE STAKE BUNDLES - IN DIKE RIPRAP		
COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	26	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
BEAKED WILLOW	30	
PACIFIC WILLOW	30	
8-10 LIVE STAKES PER BUNDLE (REFER PROJECT NOTES)		

- 3 1107 REINSTATED LARGE KIOSK ON NEW CONCRETE PAD
- 4 1106 CONCRETE PAD FOR WASTE RECEPTACLE
- EXISTING WASTE RECEPTACLE (RELOCATED FROM OTHER LOCATION. REFER DEMOLITION PLAN) ON NEW CONCRETE PAD.
- TIE INTO EXISTING GRANULAR PATH. REFER CIVIL DRAWINGS.
- 5 1106 CONCRETE PAD FOR PICNIC TABLE

LEGEND

- CONCRETE SURFACE
- 6 1106 DECORATIVE ROCK MULCH
- 9 1108 SOD
- TREE LOCATION (REFER 1102)
- 4 1108 SHRUB PLANTING BED
- 10 1108 LIVE STAKE BUNDLES - IN DIKE RIPRAP

AREA 3 SHRUB KEY (PLANTING BY OTHERS)

PARK SHRUB PLANTING	COMMON NAME	QTY
5 1108	SERVICEBERRY	11
	TUFTED HAIR GRASS	235
	SWEETGRASS	64
	WILD MINT	50
	NOOTKA ROSE	14
	SOOPOLALLIE	14
	COMMON WHITE SNOWBERRY	62

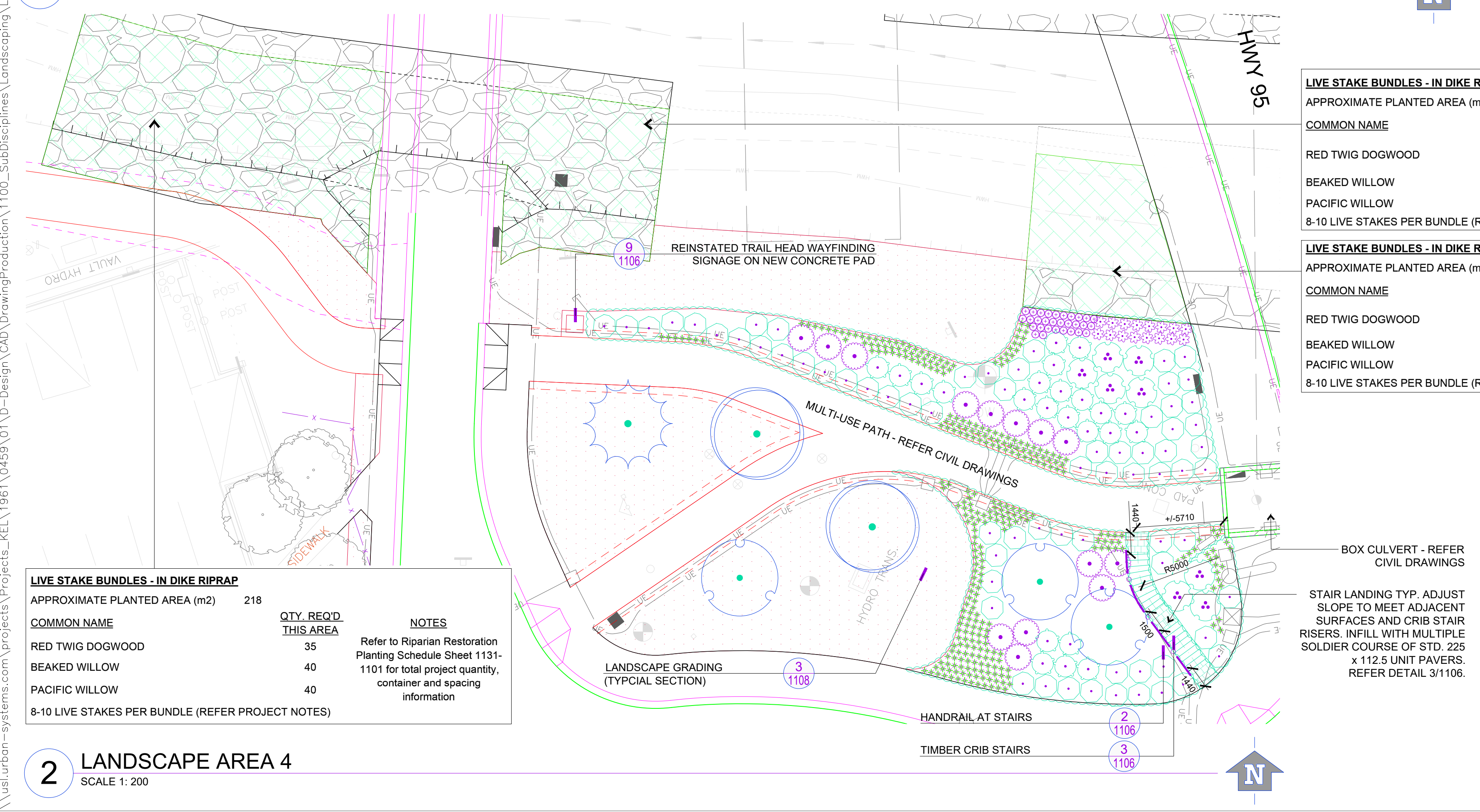
AREA 4 SHRUB KEY (PLANTING BY OTHERS)

PARK SHRUB PLANTING	COMMON NAME	QTY
5 1108	SERVICEBERRY	8
	TUFTED HAIR GRASS	317
	SWEETGRASS	30
	WILD MINT	16
	NOOTKA ROSE	23
	SOOPOLALLIE	14
	COMMON WHITE SNOWBERRY	68

AREA 4 SITE FEATURE KEY (QTY THIS SHEET)

SYMBOL	DESCRIPTION	QTY
	HANDRAIL AT STAIRS	10 lm

NOTES:
 1. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE FROM CENTRE LINE UNLESS OTHERWISE NOTED.



LIVE STAKE BUNDLES - IN DIKE RIPRAP		
COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	17	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
BEAKED WILLOW	20	
PACIFIC WILLOW	20	
8-10 LIVE STAKES PER BUNDLE (REFER PROJECT NOTES)		

LIVE STAKE BUNDLES - IN DIKE RIPRAP		
COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	14	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
BEAKED WILLOW	16	
PACIFIC WILLOW	16	
8-10 LIVE STAKES PER BUNDLE (REFER PROJECT NOTES)		

- 2 1106 HANDRAIL AT STAIRS
- 3 1106 TIMBER CRIB STAIRS
- 3 1106 STAIR LANDING TYP. ADJUST SLOPE TO MEET ADJACENT SURFACES AND CRIB STAIR RISERS. INFILL WITH MULTIPLE SOLDIER COURSE OF STD. 225 x 112.5 UNIT PAVERS. REFER DETAIL 3/1106.

LIVE STAKE BUNDLES - IN DIKE RIPRAP		
COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	35	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
BEAKED WILLOW	40	
PACIFIC WILLOW	40	
8-10 LIVE STAKES PER BUNDLE (REFER PROJECT NOTES)		



SCALE	0 2 1:200 10m	CAD FILENAME	LAND-R2-1131-1100
REV	DATE	REVISIONS	NAME

LANDSCAPE ENLARGEMENT PLAN
HIGHWAY No. 95
KICKING HORSE RIVER BRIDGE 1 & 2 REPLACEMENT AND APPROACHES

DESIGNED S. MCCOY DATE 2023-11-16
 QUALITY CONTROL J. WILKISON DATE 2023-11-16
 QUALITY ASSURANCE T. BLACKBURN DATE 2023-11-16
 DRAWN J. BRUINEMAN DATE 2023-11-16

SENIOR DESIGNER _____
 DATE 2023-11-16

FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER	REV
1961.0459.01	26379-0000	2	R2-1131-1104 (COLOUR)	-

PLOT DATE: 2023/11/16
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LIVE STAKE PLANTING - IN RIPRAP

APPROXIMATE PLANTED AREA (m2) 169

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	28	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
NOOTKA ROSE	28	
BEAKED WILLOW	28	
PACIFIC WILLOW	28	

LIVE STAKE PLANTING - NO RIPRAP

APPROXIMATE PLANTED AREA (m2) 585

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
SITKA ALDER	80	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
RED TWIG DOGWOOD	80	
NOOTKA ROSE	40	
BEAKED WILLOW	100	
PACIFIC WILLOW	100	

PLUG PLANTING

APPROXIMATE PLANTED AREA (m2) 585

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
PEARLY EVERLASTING	240	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
BLACK HAWTHORN	350	
EIGHTPETAL MOUNTAIN-AVENS	240	
FIREWEED	240	
CREEPING MAHONIA	240	
CHOKECHERRY	240	
RUSSETT BUFFALOBERRY	240	
GOLDENROD	580	

LIVE STAKE PLANTING - IN RIPRAP

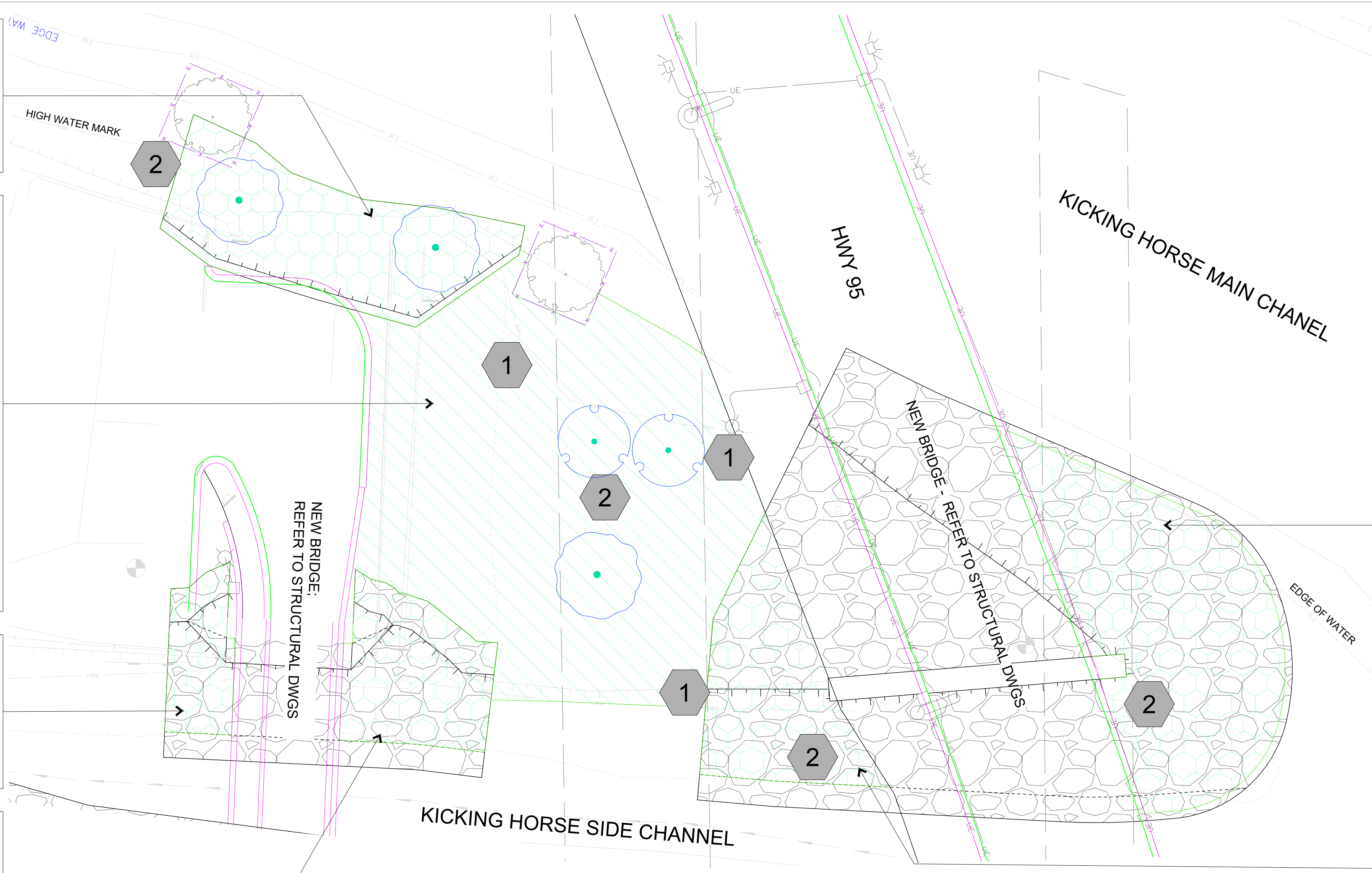
APPROXIMATE PLANTED AREA (m2) 48

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	8	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
NOOTKA ROSE	8	
BEAKED WILLOW	8	
PACIFIC WILLOW	8	

LIVE STAKE PLANTING - IN RIPRAP

APPROXIMATE PLANTED AREA (m2) 99

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	16	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
NOOTKA ROSE	16	
BEAKED WILLOW	16	
PACIFIC WILLOW	16	



LIVE STAKE PLANTING - IN RIPRAP

APPROXIMATE PLANTED AREA (m2) 273

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	44	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
NOOTKA ROSE	44	
BEAKED WILLOW	44	
PACIFIC WILLOW	44	

LIVE STAKE PLANTING - IN RIPRAP

APPROXIMATE PLANTED AREA (m2) 129

COMMON NAME	QTY. REQ'D THIS AREA	NOTES
RED TWIG DOGWOOD	21	Refer to Riparian Restoration Planting Schedule Sheet 1131-1101 for total project quantity, container and spacing information
NOOTKA ROSE	21	
BEAKED WILLOW	21	
PACIFIC WILLOW	21	

1 LANDSCAPE AREA 5 (ISLAND PLANTING)
SCALE 1:200

LEGEND

SYMBOL	DESCRIPTION
	EXISTING TREE TO BE PROTECTED
	TREE PROTECTION FENCING
	LIVE STAKE PLANTING - IN RIPRAP
	LIVE STAKE PLANTING AND PLUG PLANTING - NO RIPRAP

AREA 5 SITE FEATURE KEY (QTY THIS SHEET)

SYMBOL	DESCRIPTION	QTY
	EMBEDDED LARGE WOODY DEBRIS (L.W.D.)	3
	VERTICAL LOG SNAG	4

URBAN SYSTEMS

SCALE 0 2 1:200 10m

CAD FILENAME LAND-R2-1131-1100
PLOT DATE 2023-11-16

REV	DATE	REVISIONS	NAME

BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTHERN INTERIOR REGION
HIGHWAY ENGINEERING AND GEOMATICS

LANDSCAPE ENLARGEMENT PLAN
HIGHWAY No. 95
KICKING HORSE RIVER BRIDGE 1 & 2 REPLACEMENT AND APPROACHES

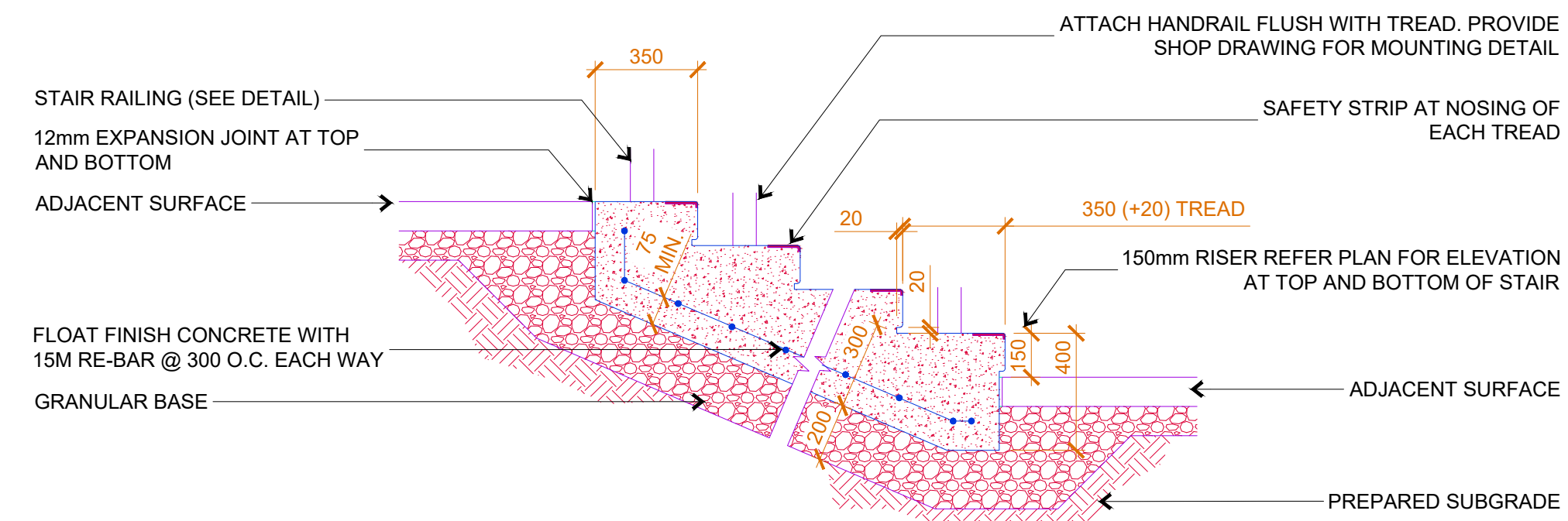
DESIGNED S. MCCOY DATE 2023-11-16	QUALITY CONTROL J. WILKISON DATE 2023-11-16
QUALITY ASSURANCE T. BLACKBURN DATE 2023-11-16	DRAWN J. BRUINEMAN DATE 2023-11-16

SENIOR DESIGNER _____

DATE 2023-11-15

FILE NUMBER 1961.0459.01	PROJECT NUMBER 26379-0000	REG 2	DRAWING NUMBER R2-1131-1105 (COLOUR)	REV -
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PLOT DATE: 2023/11/16
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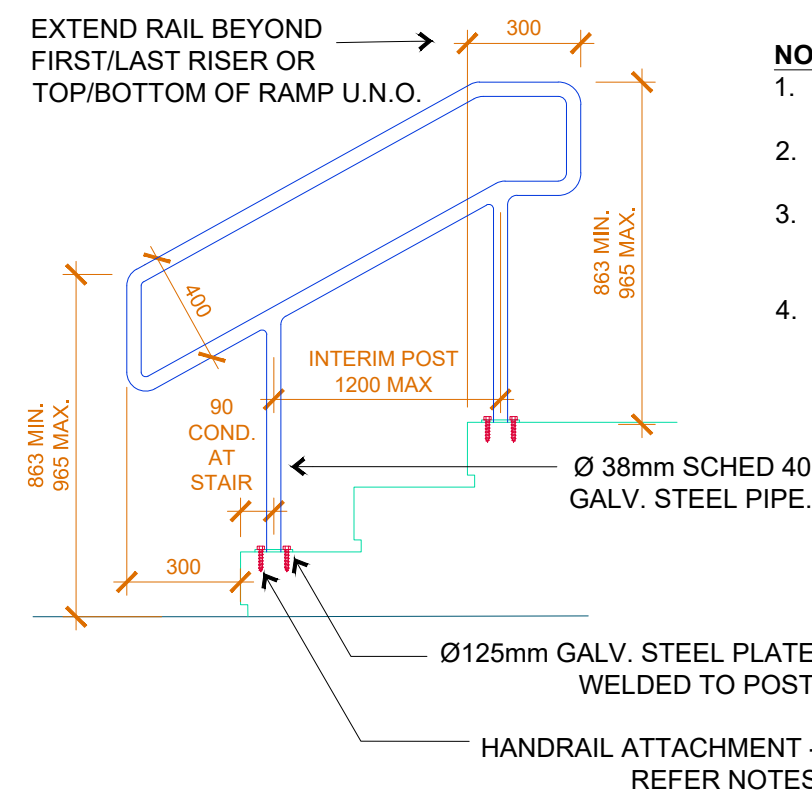


NOTE: SAFETY STRIP AT NOSING SHALL BE WOOSTER PRODUCTS INC. SUPERGRIT SAFETY TREADS; TYPE 131 OR EQUAL; COLOUR BLACK

1 CONCRETE STAIRS

SCALE 1:20

P1-1961-0459-58

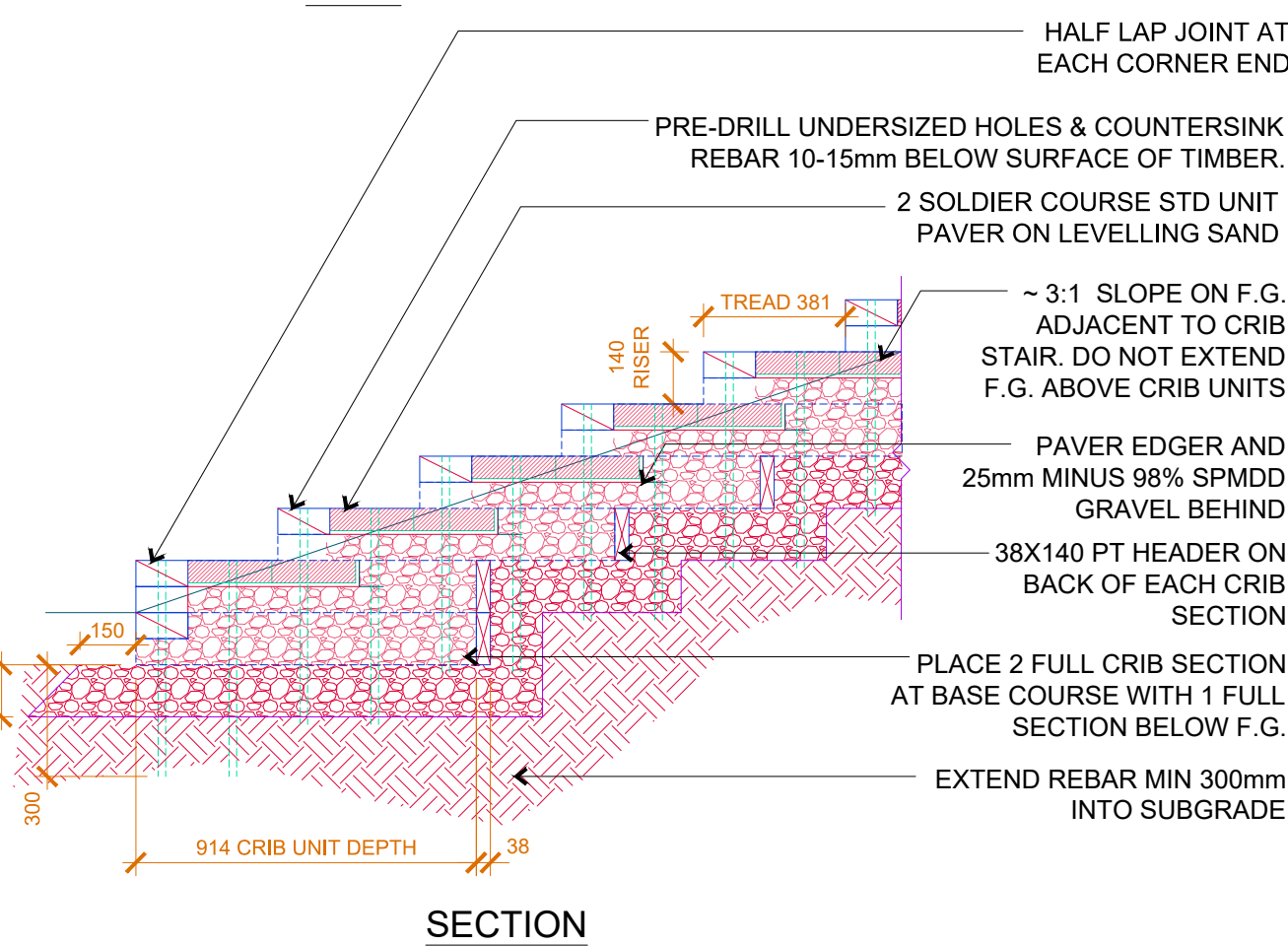
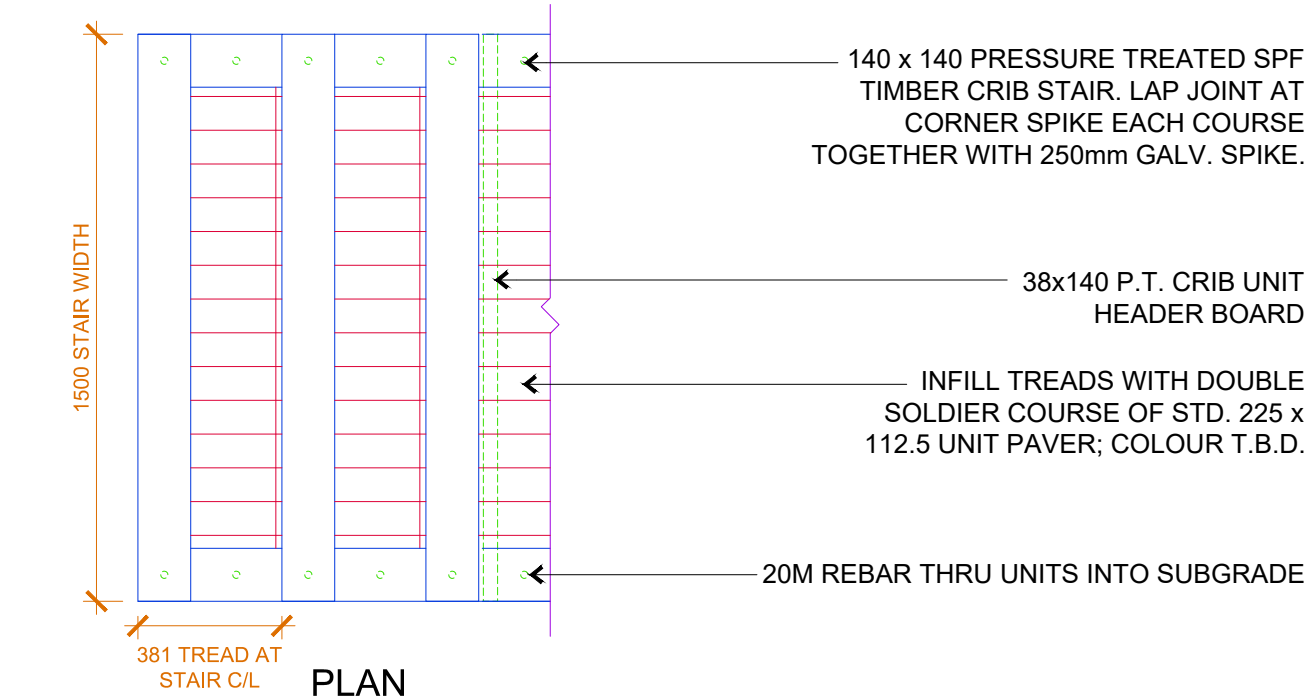


- NOTES:**
- ALL PIPES, PLATES AND BOLTS TO BE POWDER COATED BLACK (RAL 9017). REFER PLAN FOR HANDRAIL LOCATIONS.
 - REFER OTHER DETAILS FOR C.I.P. CONCRETE AND TIMBER CRIB STAIRS.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR HANDRAIL ATTACHMENT:
 - TIMBER CRIB STAIR HANDRAIL: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR MOUNTING HANDRAIL ON 200mm DIA. CONCRETE SONOTUBE FOOTINGS. SONOTUBE FOOTING TO BE INSTALLED FLUSH WITH FINISH GRADE IN PLANTING BED ADJACENT TO CRIB STAIRS.
 - CONCRETE STAIRS HANDRAIL: CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR SECURE ATTACHMENT TO CONCRETE STAIRS.

2 HANDRAIL AT STAIRS

SCALE 1:20

P1-1961-0459-67

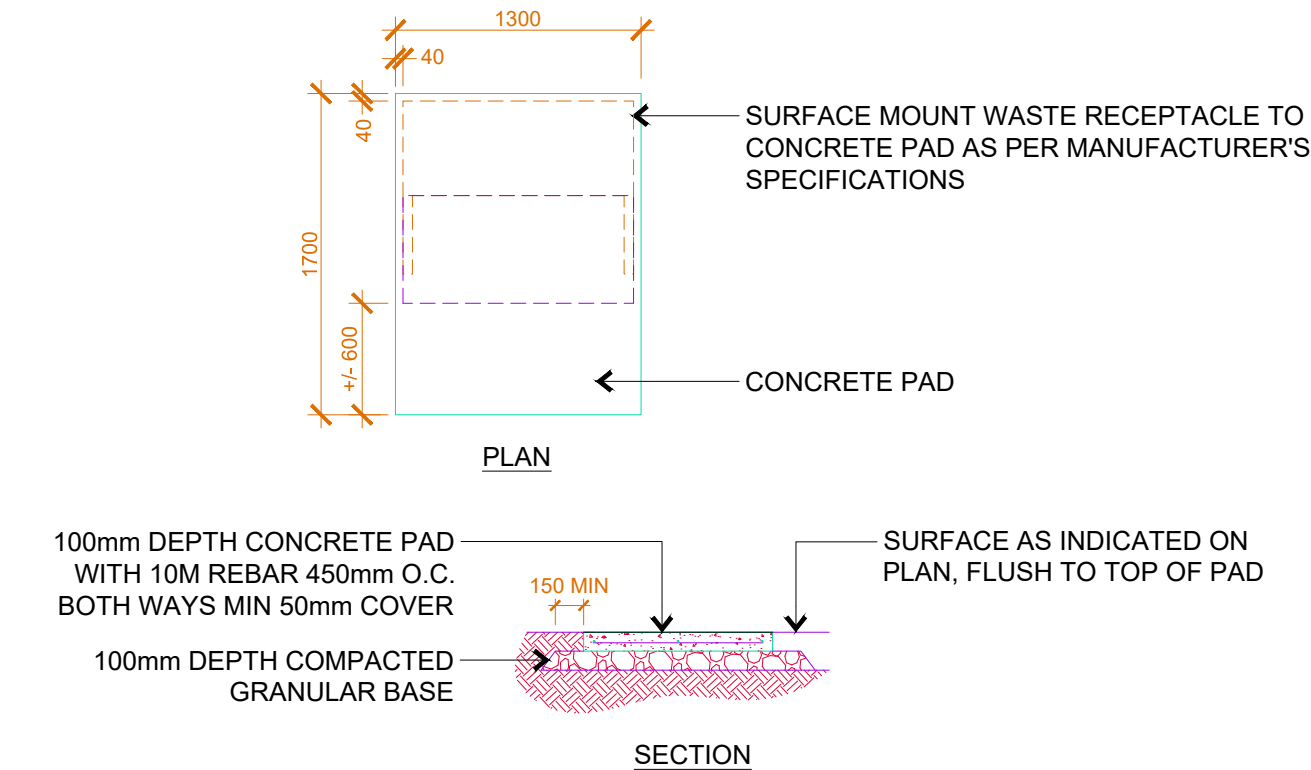


- NOTES:**
- INSTALL HANDRAIL WHERE INDICATED ON PLAN.
 - REFER DETAIL 2-1106 FOR HANDRAIL ATTACHMENT NOTES.

3 TIMBER CRIB STAIRS

SCALE 1:20

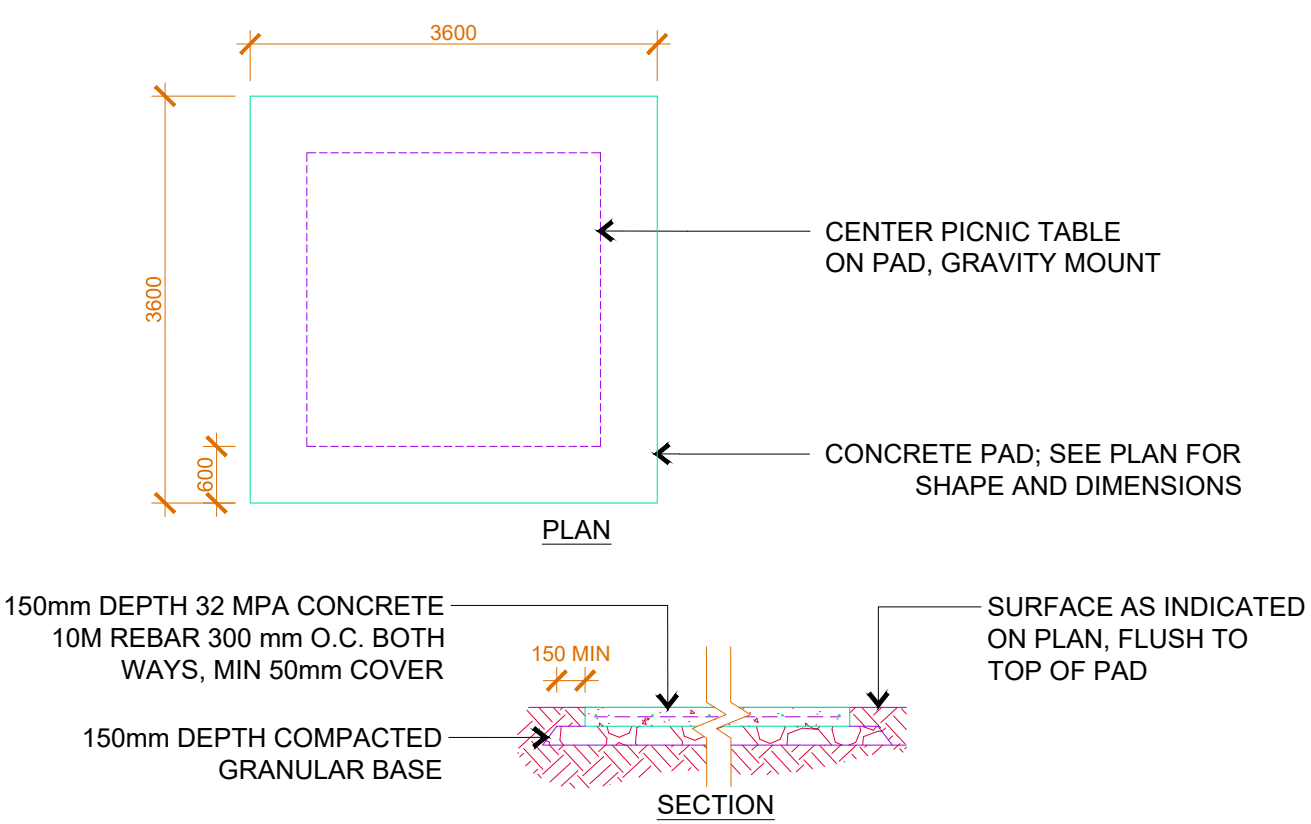
P1-1961-0459-60



4 CONCRETE PAD FOR WASTE RECPTACLE

SCALE 1:40

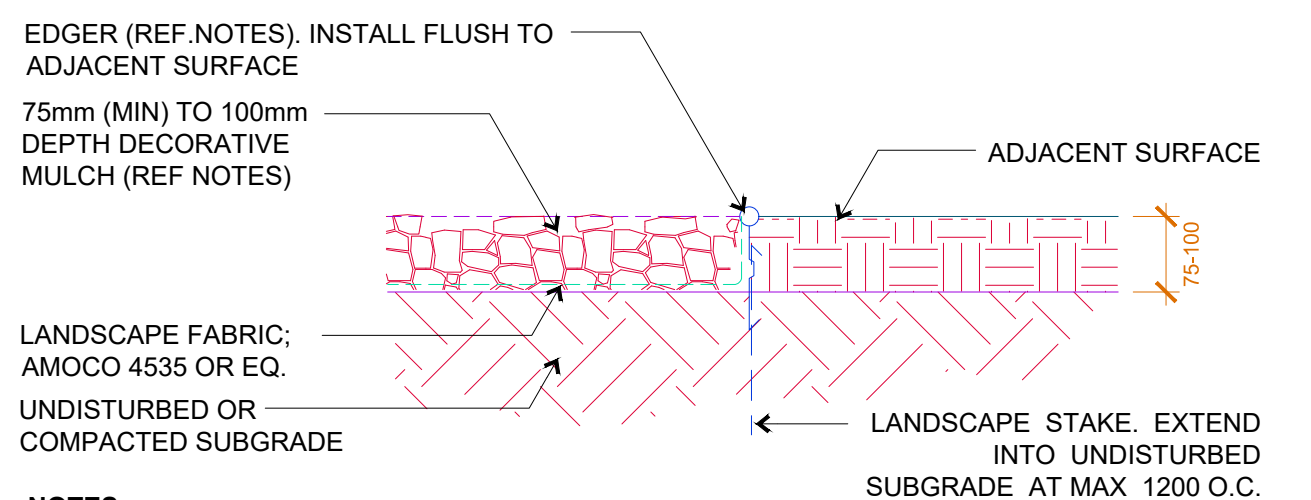
P1-1961-0459-07



5 CONCRETE PAD FOR PICNIC TABLE

SCALE N.T.S.

P1-1961-0459-73



- NOTES:**
- EDGER TO BE COMMERCIAL GRADE RIGID PLASTIC; OR, (IF APPROVED) HEAVY DUTY POLYETHYLENE. SUBMIT PRODUCT SAMPLE TO CONTRACT ADMINISTRATOR FOR APPROVAL PRIOR TO INSTALLATION.
 - DECORATIVE MULCH TO BE ROUNDED 'RIVER ROCK'. MULCH TO BE A MIX OF SIZES (50%-100mm, 25%-150mm, 25%-200mm) AS AVAILABLE FROM 'BC ROCKS' (OR APPROVED EQUAL). SUBMIT MATERIAL SAMPLE TO MINISTRY REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION. NEUTRAL COLOURS ARE PREFERRED. AVOID HIGHLY REFLECTIVE OR HEAT RETENTIVE COLOURS.

6 DECORATIVE ROCK MULCH

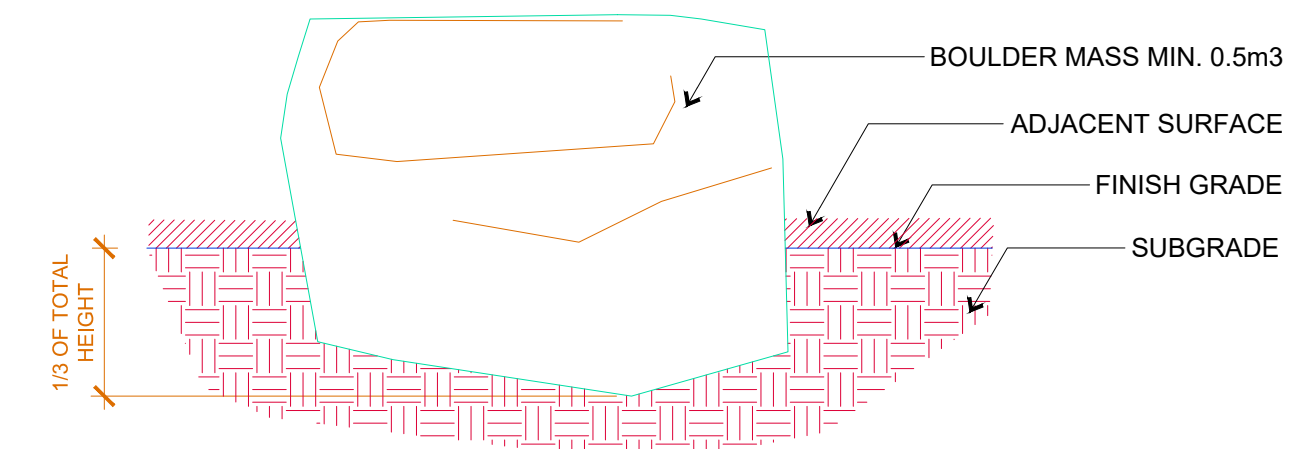
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P1-1961-0459-36

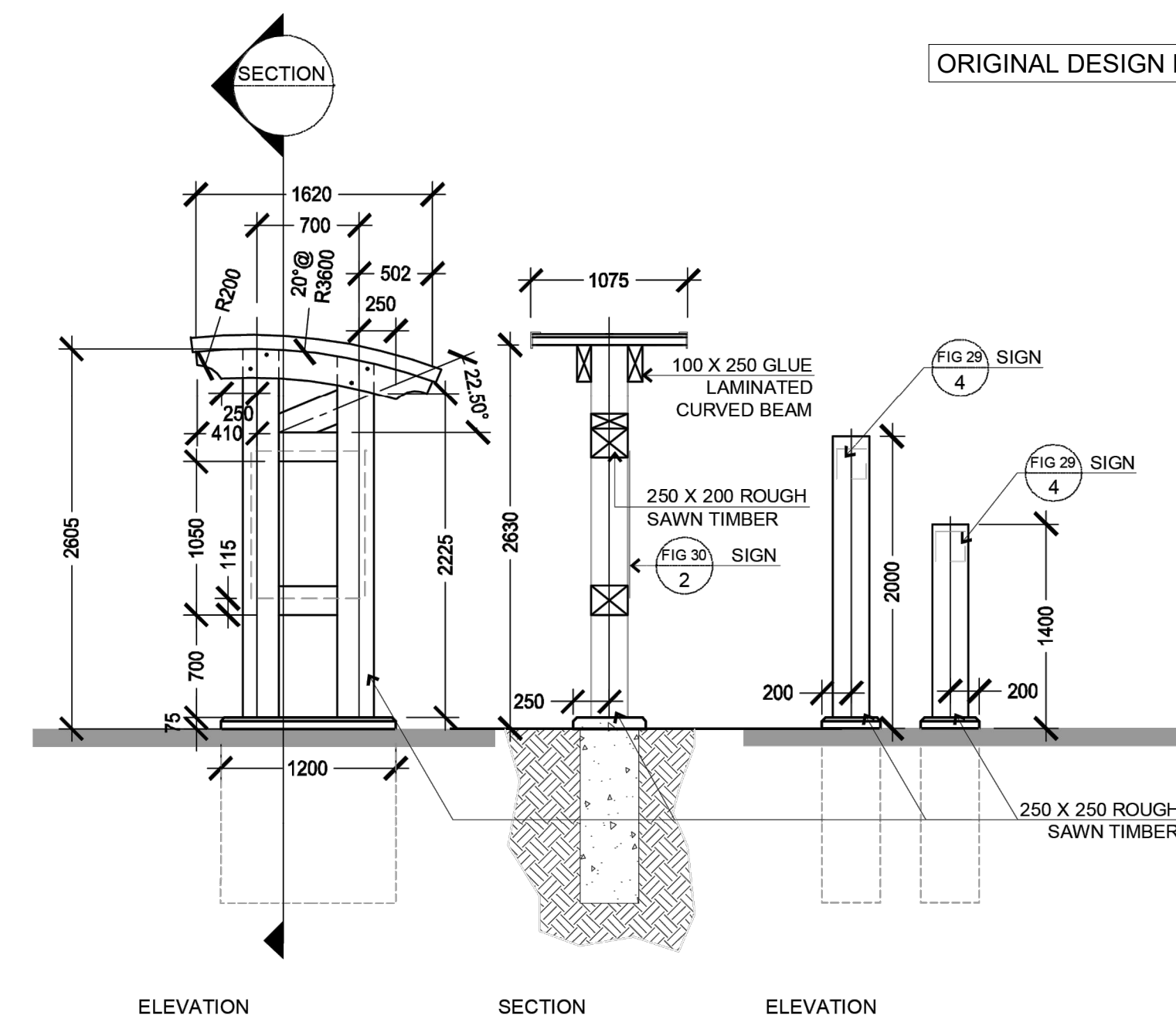
7 RUNDLE FEATURE BOULDER

SCALE N.T.S.

P1-1961-0459-55



- NOTES:**
- BOULDERS TO BE GENERALLY RECTANGULAR IN FORM. ANY IRREGULAR SHAPED BOULDERS MUST BE APPROVED PRIOR TO INSTALLATION
 - ALL BOULDERS TO BE RUNDLE STONE, STRUCTURALLY SOUND, FREE OF ANY SPALLING CRACKS, CREVICES OR SPLINTERS.
 - ALL BOULDERS TO BE BURIED 1/3 OF THEIR DEPTH INTO GROUND.



- NOTES:**
- TRAIL HEAD WAYFINDING SIGNAGE DRAWING SHOWN FOR REFERENCE ONLY.
 - REFER TO REFERENCE MATERIAL FOR ADDITIONAL INFORMATION.

8 REINSTATED TRAIL HEAD WAYFINDING SIGNAGE ON NEW CONCRETE PAD

SCALE N.T.S.

P1-1961-0459-54

URBAN SYSTEMS

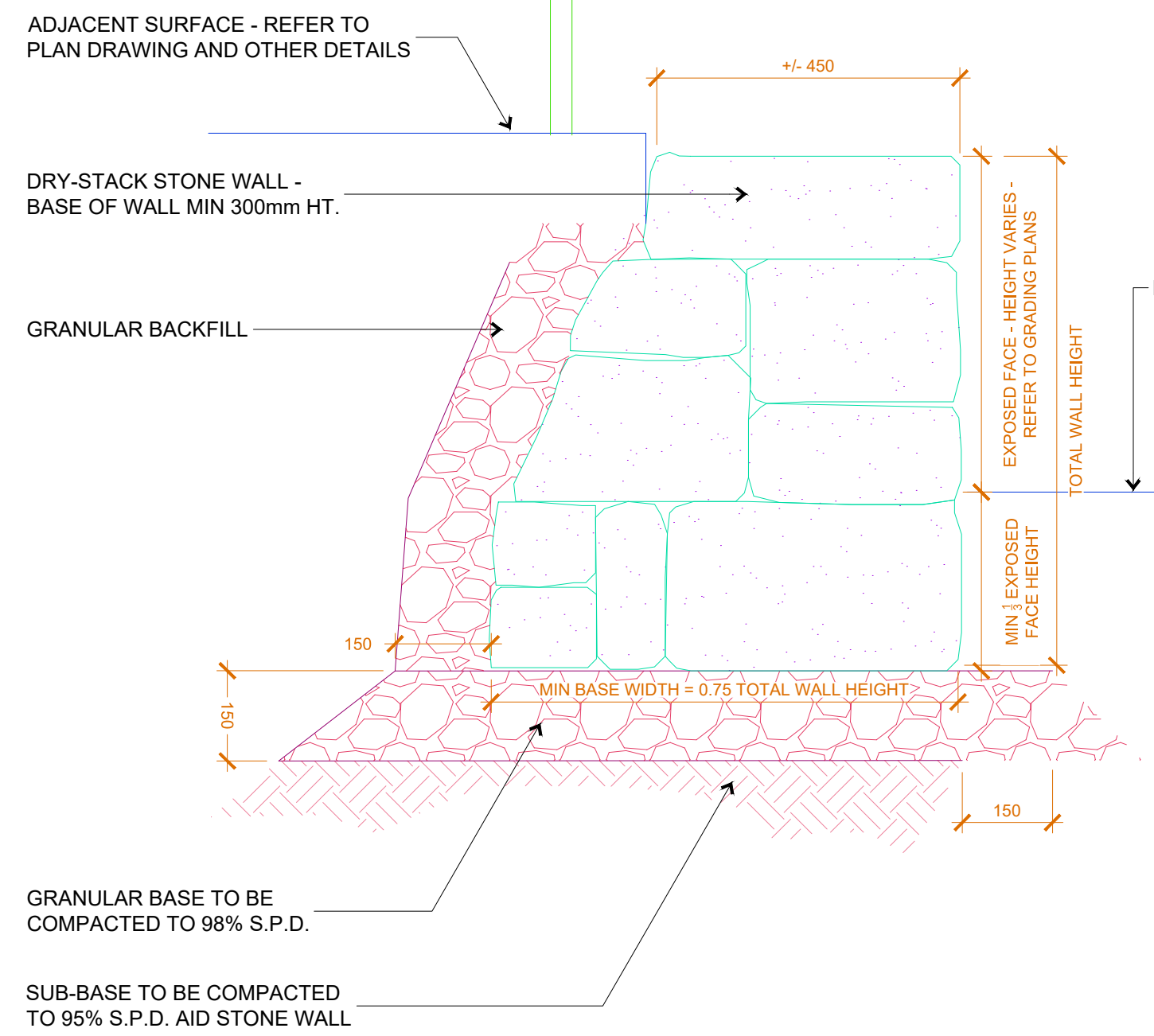


MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE
SOUTHERN INTERIOR REGION
HIGHWAY ENGINEERING AND GEOMATICS

SCALE: AS SHOWN		CAD FILENAME: LAND-DETAILS	
		PLOT DATE: 2023-11-16	
REV	DATE	REVISIONS	NAME

LANDSCAPE DETAILS			
HIGHWAY No. 95			
KICKING HORSE RIVER BRIDGE 1 & 2 REPLACEMENT AND APPROACHES			

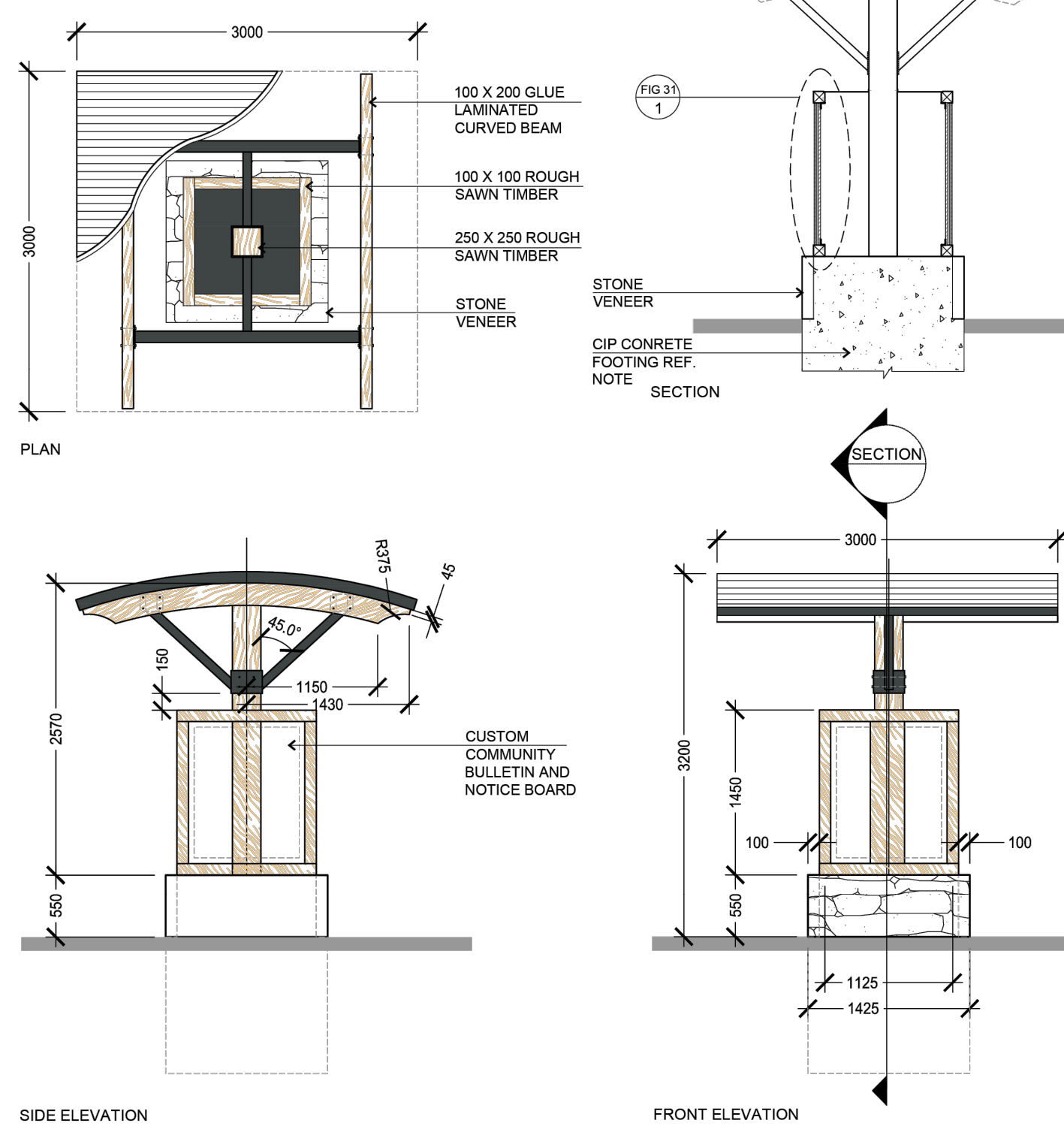
DESIGNED: S. MCCOY DATE: 2023-11-16		QUALITY CONTROL: J. WILKISON DATE: 2023-11-16	
QUALITY ASSURANCE: T. BLACKBURN DATE: 2023-11-16		DRAWN: J. BRUINEMAN DATE: 2023-11-16	
SENIOR DESIGNER	DATE: 2023-11-15	PROJECT NUMBER: 26379-0000	REV: 2
FILE NUMBER: 1961.0459.01	DRAWING NUMBER: R2-1131-1106 (COLOUR)		



NOTES

1. THIS DETAIL IS SCHEMATIC AND REPRESENTS THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON SITE FOR A DRY-STACK STONE WALL. CONTRACTOR TO CONSULT WITH LANDSCAPE ARCHITECT FOR ANY ADDITIONAL CLARIFICATION TO ACCOMMODATE SITE CONDITIONS AND TO ENSURE HIGHEST QUALITY OF FINISH. WALL STONE TO BE RUNDLE STONE OR OTHER APPROVED PRODUCT WITH FLAT SIDES. WALL STONE TO BE STRUCTURALLY SOUND, FREE OF ANY CRACKS, CREVICES, OR SPLINTERS. CONTRACTOR TO PROVIDE SAMPLES OF WALL STONE FOR APPROVAL PRIOR TO DELIVERY ON SITE (TOWN PREFERENCE IS FOR WALL STONE WITH NO IRON).
2. ALL STONE UTILIZED IN DRY-STACKING TO BE MIN 150mm ON TWO SIDES AND MIN. 300 ON AT LEAST 1 SIDE. NUMBER OF STONES IN WALL WILL BE DEPENDENT ON SIZE OF STONE USED.
3. CONTRACTOR TO ENSURE WALLS ARE SELF LOCKING, STABLE & DO NOT SHIFT FOLLOWING INSTALLATION.
4. ALL GAPS GREATER THAN 100mm ON VERTICAL FACES TO BE CHINKED w/ SMALLER ROCK. GAPS GREATER THAN 100mm ON HORIZONTAL PORTIONS TO BE FILLED & COMPACTED w/ CRUSHED AGGREGATE.

ORIGINAL DESIGN DETAIL - FOR REFERENCE ONLY



NOTES:

1. KIOSK DRAWINGS SHOWN FOR REFERENCE ONLY.
2. REFER TO REFERENCE MATERIAL FOR ADDITIONAL KIOSK AND STRUCTURAL INFORMATION.

1 DRY-STACK WALL - SINGLE COURSE

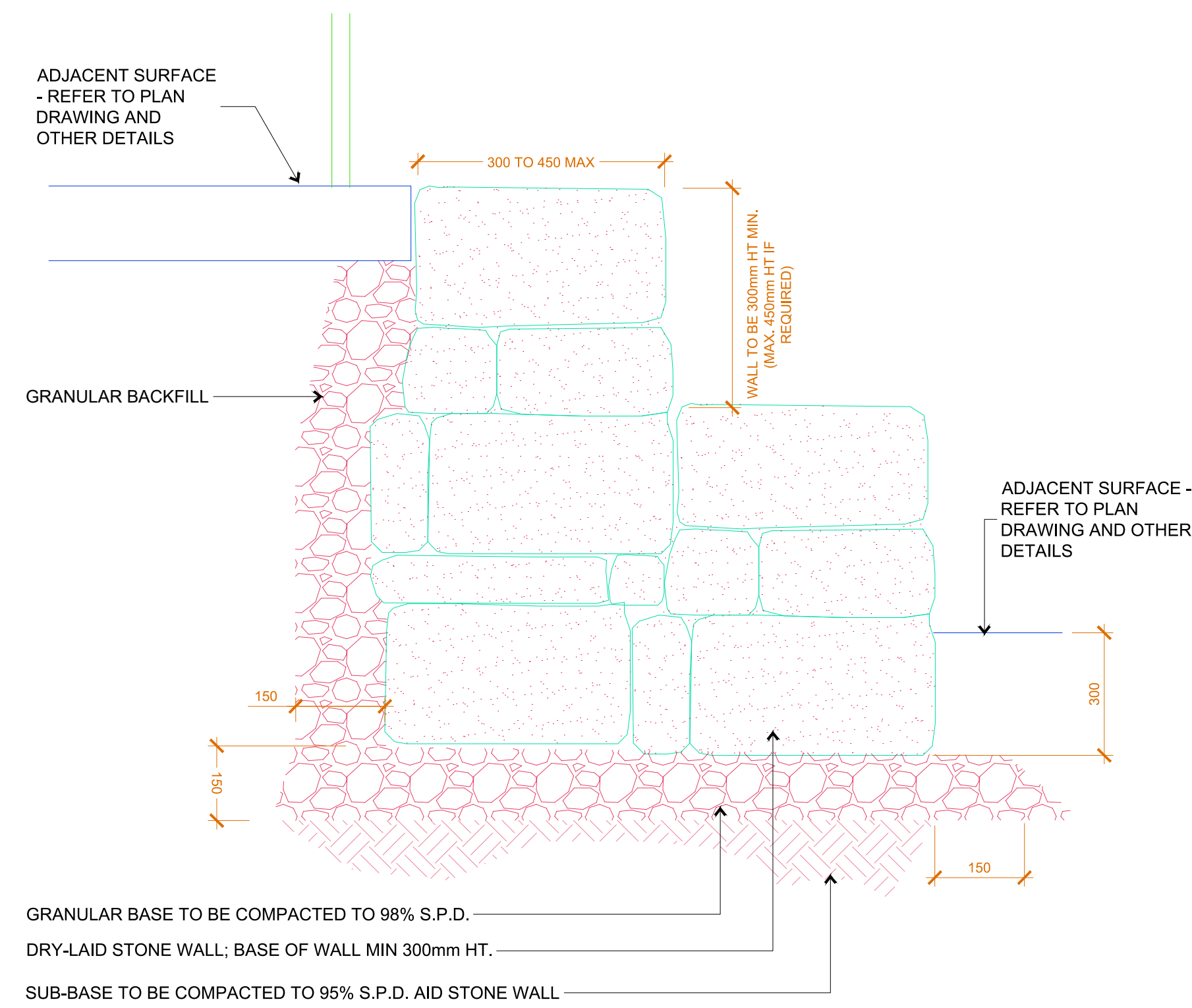
SCALE 1:10

P1-1961-0459-37

3 REINSTATED LARGE KIOSK ON NEW CONCRETE PAD

SCALE NTS

P1-1961-0459-43



NOTES

1. THIS DETAIL IS SCHEMATIC AND REPRESENTS THE GENERAL DESIGN INTENT TO BE IMPLEMENTED ON SITE FOR A DRY-STACK STONE WALL. CONTRACTOR TO CONSULT WITH LANDSCAPE ARCHITECT FOR ANY ADDITIONAL CLARIFICATION TO ACCOMMODATE SITE CONDITIONS AND TO ENSURE HIGHEST QUALITY OF FINISH.
2. WALL STONE TO BE RUNDLE STONE OR OTHER APPROVED PRODUCT WITH FLAT SIDES. WALL STONE TO BE STRUCTURALLY SOUND, FREE OF ANY CRACKS, CREVICES, OR SPLINTERS. CONTRACTOR TO PROVIDE SAMPLES OF WALL STONE FOR APPROVAL PRIOR TO DELIVERY ON SITE (TOWN PREFERENCE IS FOR WALL STONE WITH NO IRON).
3. ALL STONE UTILIZED IN DRY-STACKING TO BE MIN 150mm ON TWO SIDES AND MIN. 300 ON AT LEAST 1 SIDE. NUMBER OF STONES IN WALL WILL BE DEPENDENT ON SIZE OF STONE USED.
4. CONTRACTOR TO ENSURE WALLS ARE SELF LOCKING, STABLE & DO NOT SHIFT FOLLOWING INSTALLATION.
5. ALL GAPS GREATER THAN 100mm ON VERTICAL FACES TO BE CHINKED w/ SMALLER ROCK. GAPS GREATER THAN 100mm ON HORIZONTAL PORTIONS TO BE FILLED & COMPACTED w/ CRUSHED AGGREGATE.

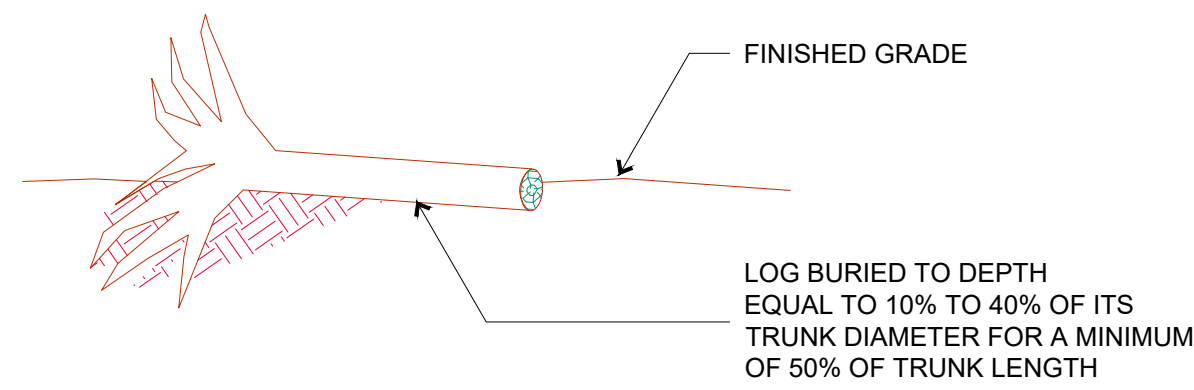
THIS DETAIL IS FOR REFERENCE ONLY. EXACT BASE STRUCTURE IS BASED ON SIZE OF BOULDERS USED.

P1-1961-0459-57

2 DRY-STACK WALL - MULTIPLE COURSES

SCALE 1:10

URBAN SYSTEMS		BRITISH COLUMBIA MINISTRY OF TRANSPORTATION AND INFRASTRUCTURE SOUTHERN INTERIOR REGION HIGHWAY ENGINEERING AND GEOMATICS	
SCALE: AS SHOWN		CAD FILENAME: LAND-DETAILS PLOT DATE: 2023-11-16	
REV	DATE	REVISIONS	NAME
LANDSCAPE DETAILS HIGHWAY No. 95 KICKING HORSE RIVER BRIDGE 1 & 2 REPLACEMENT AND APPROACHES		DESIGNED: S. MCCOY DATE: 2023-11-16 QUALITY CONTROL: J. WILKINSON DATE: 2023-11-16 QUALITY ASSURANCE: T. BLACKBURN DATE: 2023-11-16 DRAWN: J. BRUINEMAN DATE: 2023-11-16	
SENIOR DESIGNER		DATE: 2023-11-15	
FILE NUMBER	PROJECT NUMBER	REG	DRAWING NUMBER
1961.0459.01	26379-0000	2	R2-1131-1107 (COLOUR)

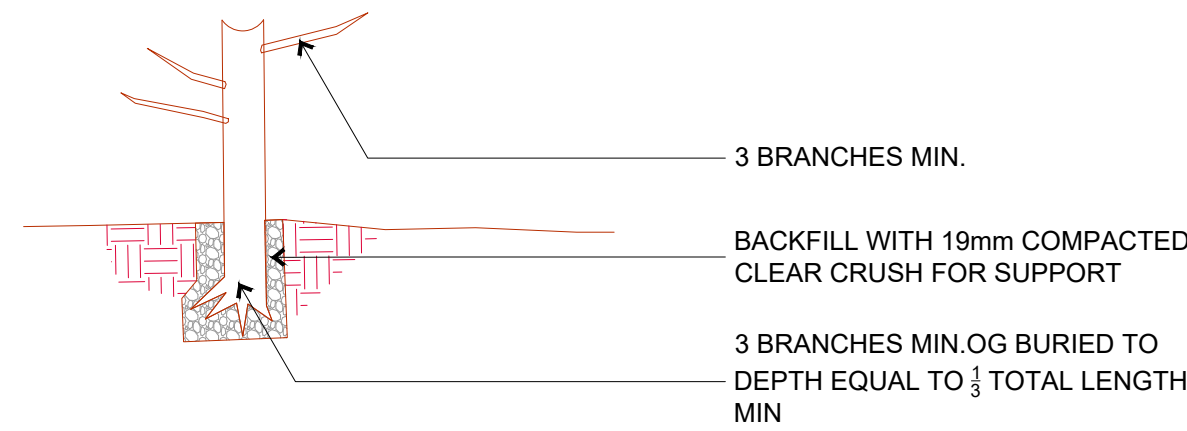


NOTES:

- BOTH CONIFER AND DECIDUOUS TREES ACCEPTABLE, WITH SOME BRANCHES INTACT AND ROOTWADS PRESENT IF AVAILABLE.
- DIAMETER OF TRUNK PIECE TO BE 300mm TO 450mm AT BUTT.
- LENGTH OF TRUNK SHALL BE 5m TO 10m (VARIABLE).
- WHERE LOGS OVERLAP, CUT NOTCH IN LOGS AT JUNCTION.

1 EMBEDDED LARGE WOODY DEBRIS

SCALE 1:10 P1-1961-0459-71

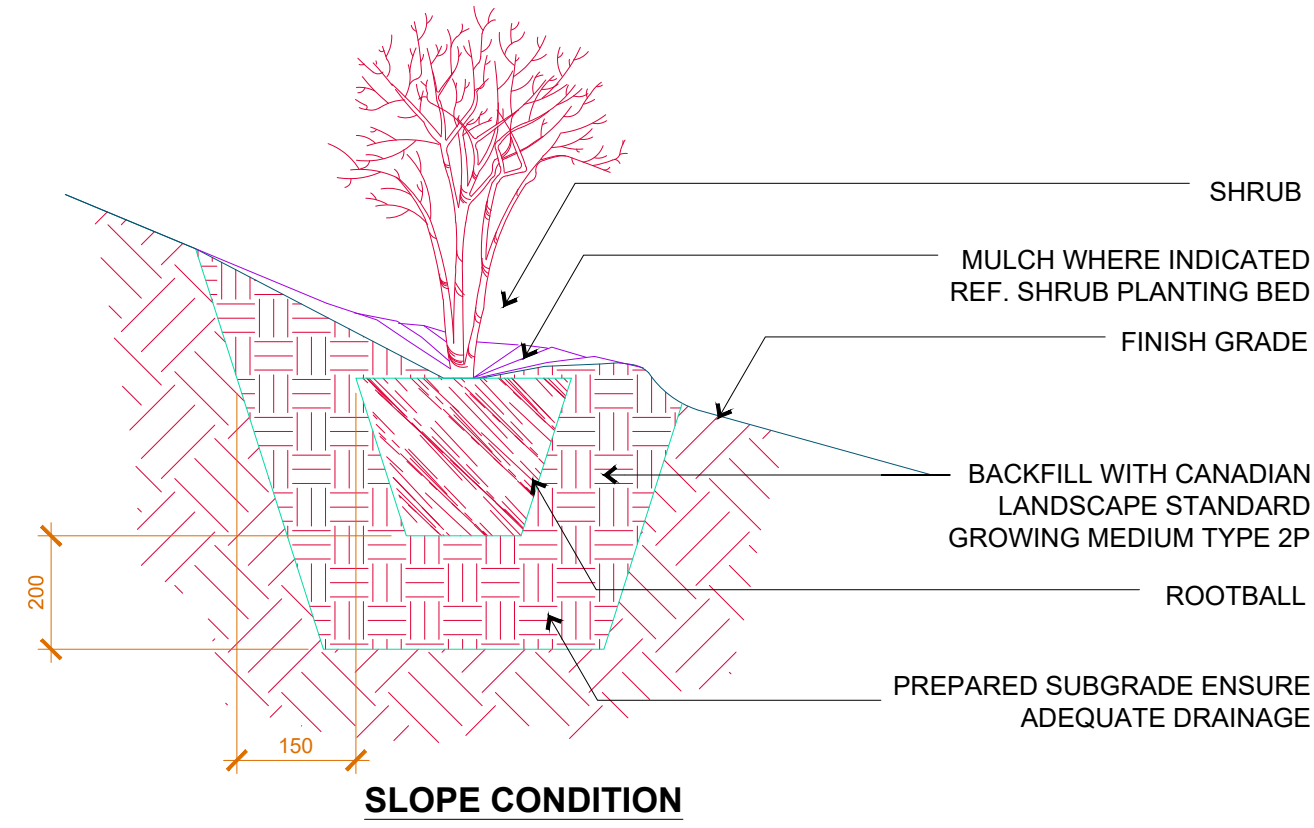


NOTES:

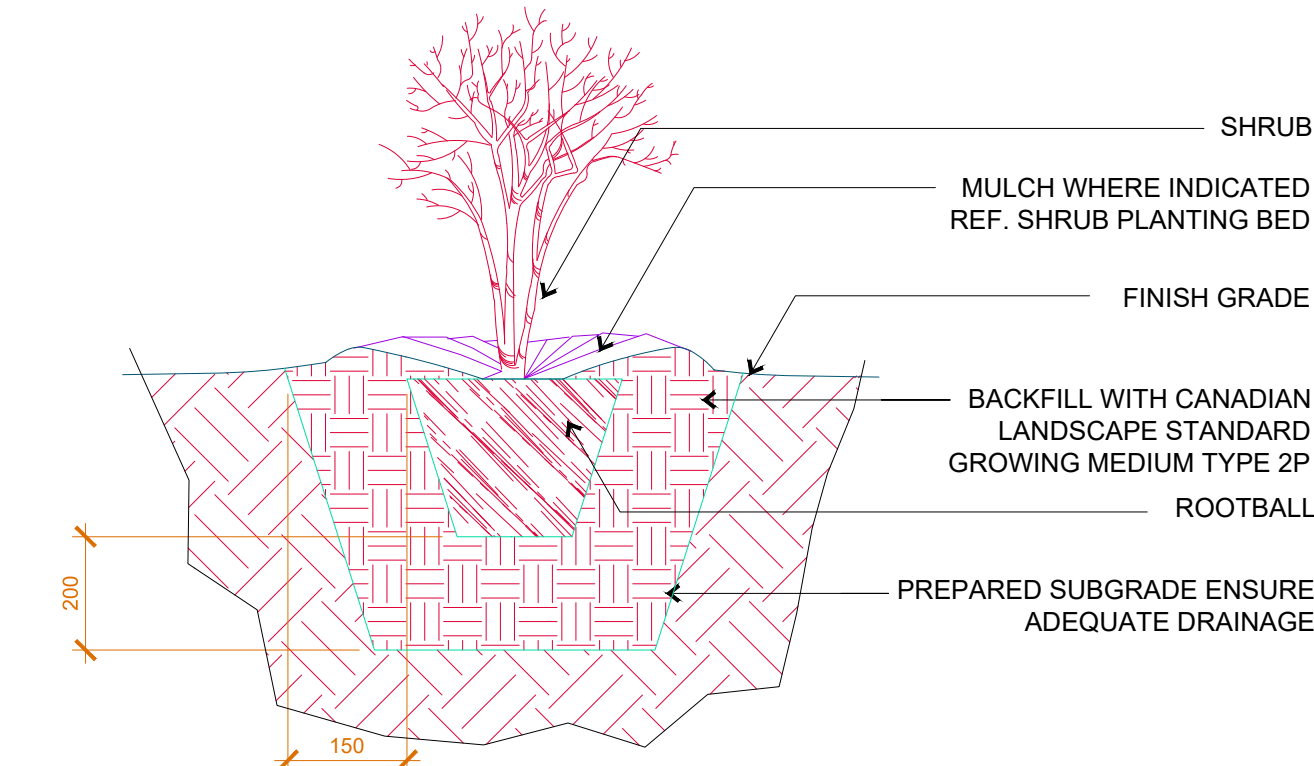
- LOGS TO BE NATIVE CONIFER SPECIES.
- DIAMETER OF TRUNK TO BE A MINIMUM OF 450 mm.
- TRUNK SHALL BE 5m - 9m IN LENGTH.

2 VERTICAL LOG SNAG

SCALE 1:10 P1-1961-0459-69



SLOPE CONDITION



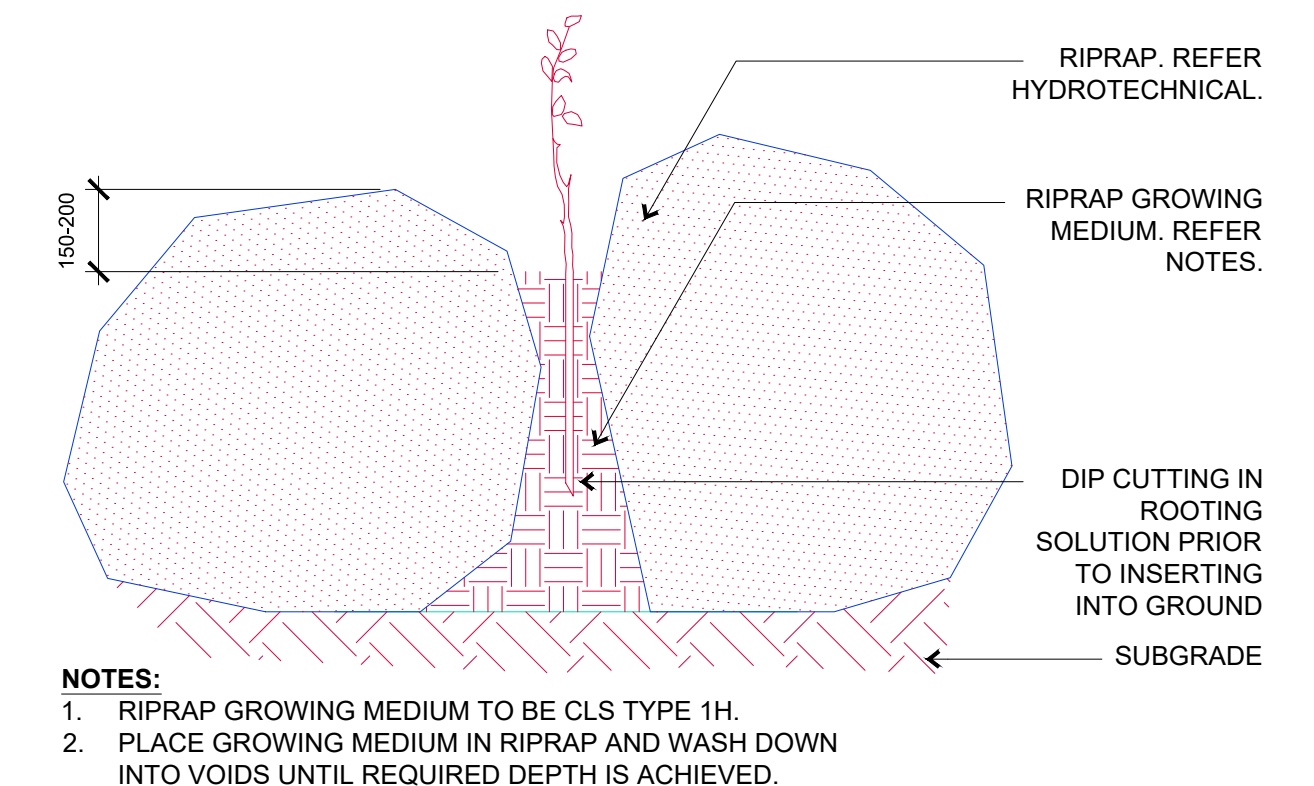
FLAT CONDITION

NOTE:

- SHRUBS SHOWN IN INDIVIDUAL PLANTING PITS FOR CLARITY ONLY. ALL SHRUBS TO BE INSTALLED IN SHRUB PLANTING BED TO DEPTHS SHOWN UNLESS OTHERWISE INDICATED.

5 SHRUB PLANTING - TYPICAL (BY OTHERS)

SCALE 1:10

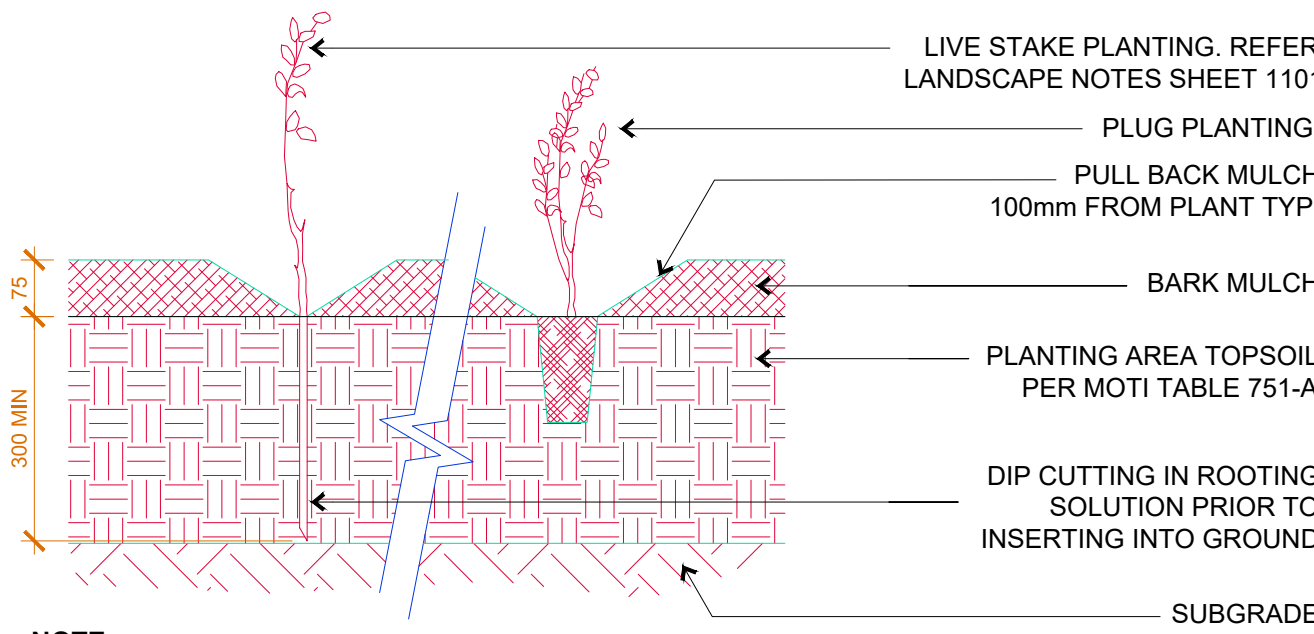


NOTES:

- RIPRAP GROWING MEDIUM TO BE CLS TYPE 1H.
- PLACE GROWING MEDIUM IN RIPRAP AND WASH DOWN INTO VOIDS UNTIL REQUIRED DEPTH IS ACHIEVED.

7 LIVE STAKE PLANTING - IN RIPRAP

SCALE 1:10 P1-1961-0459-45

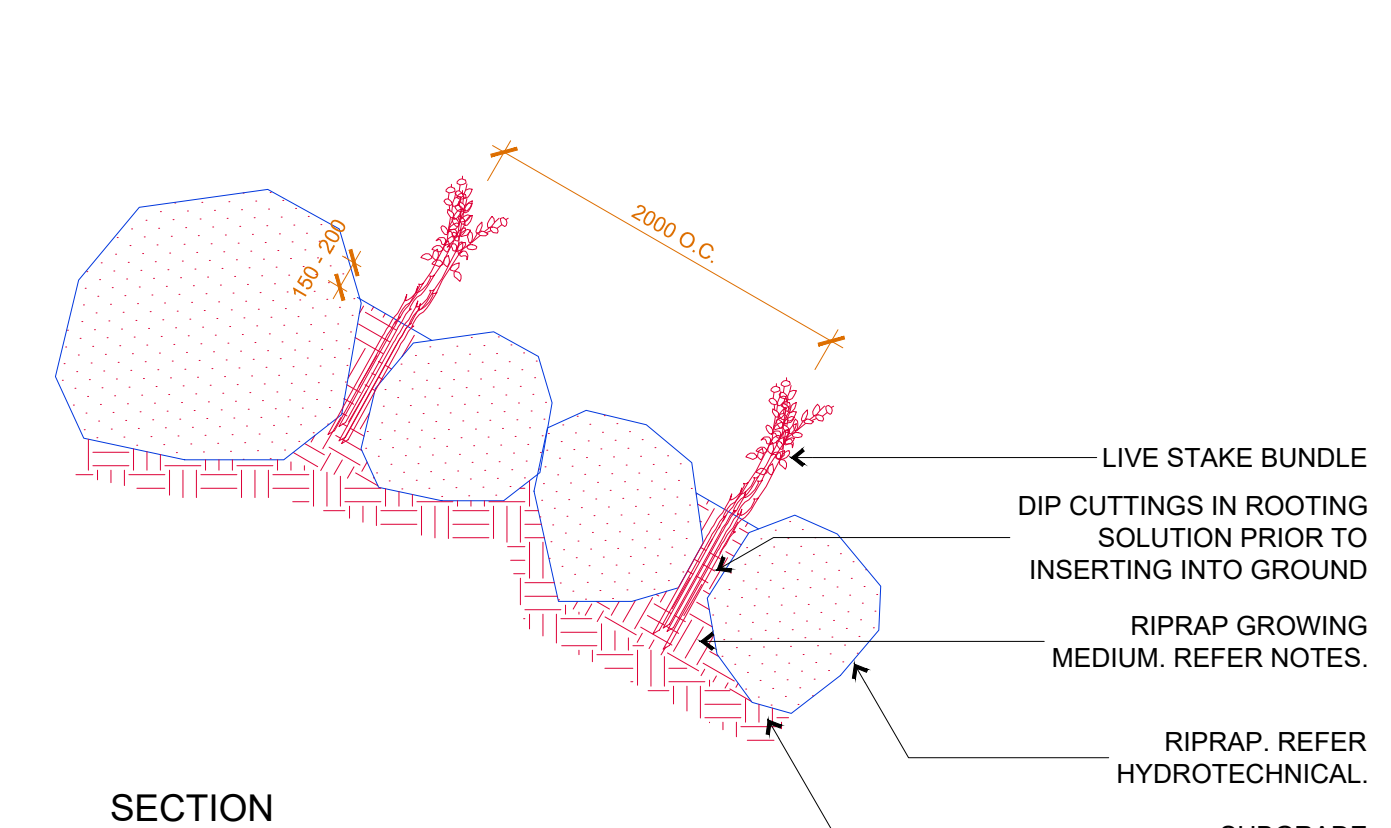


NOTE:

- REFER TO RIPARIAN RESTORATION PLANTING SCHEDULE SHEET 1101 FOR LIVE STAKE AND PLUG SPACING.

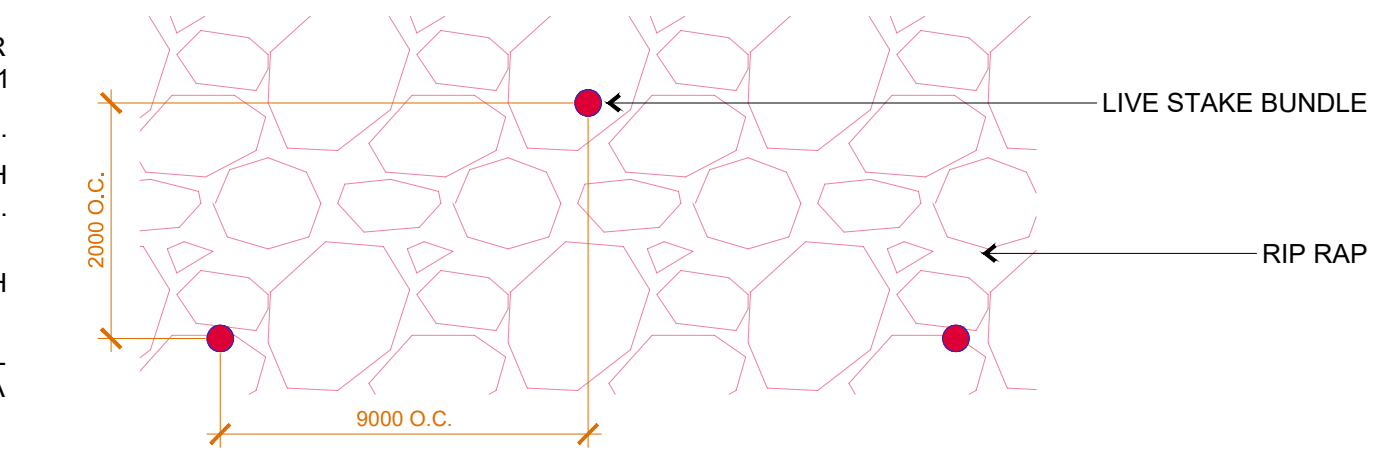
8 LIVE STAKE AND PLUG PLANTING - NO RIPRAP

SCALE 1:10 P1-1961-0459-05



SECTION

SCALE 1:40



PLAN

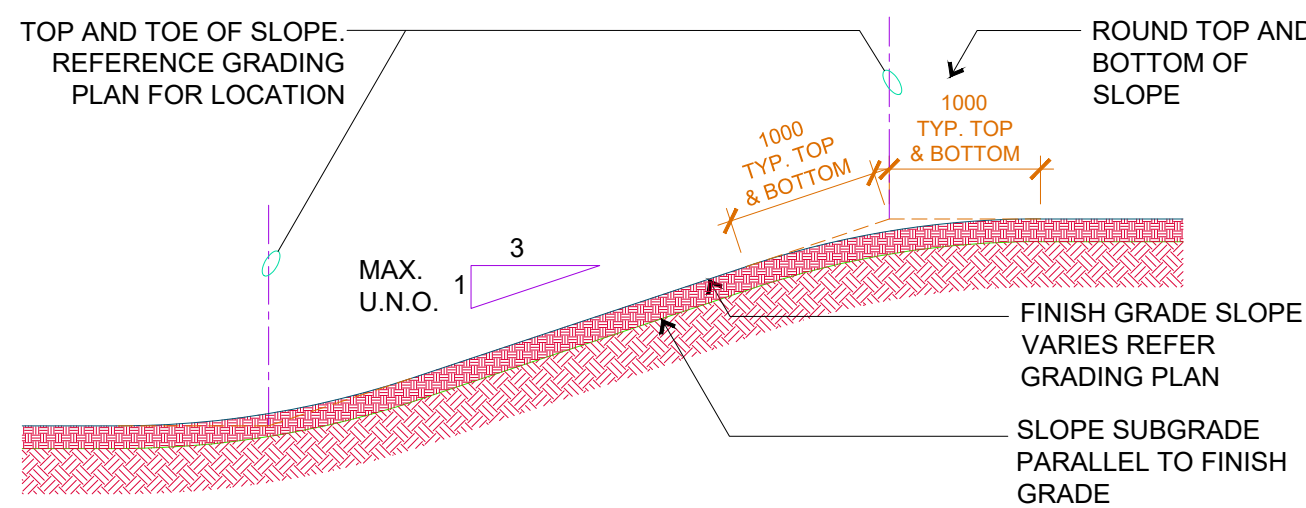
NTS

NOTES:

- RIPRAP GROWING MEDIUM TO BE CLS TYPE 1H.
- PLACE GROWING MEDIUM IN RIPRAP AND WASH DOWN INTO VOIDS UNTIL REQUIRED DEPTH IS ACHIEVED.

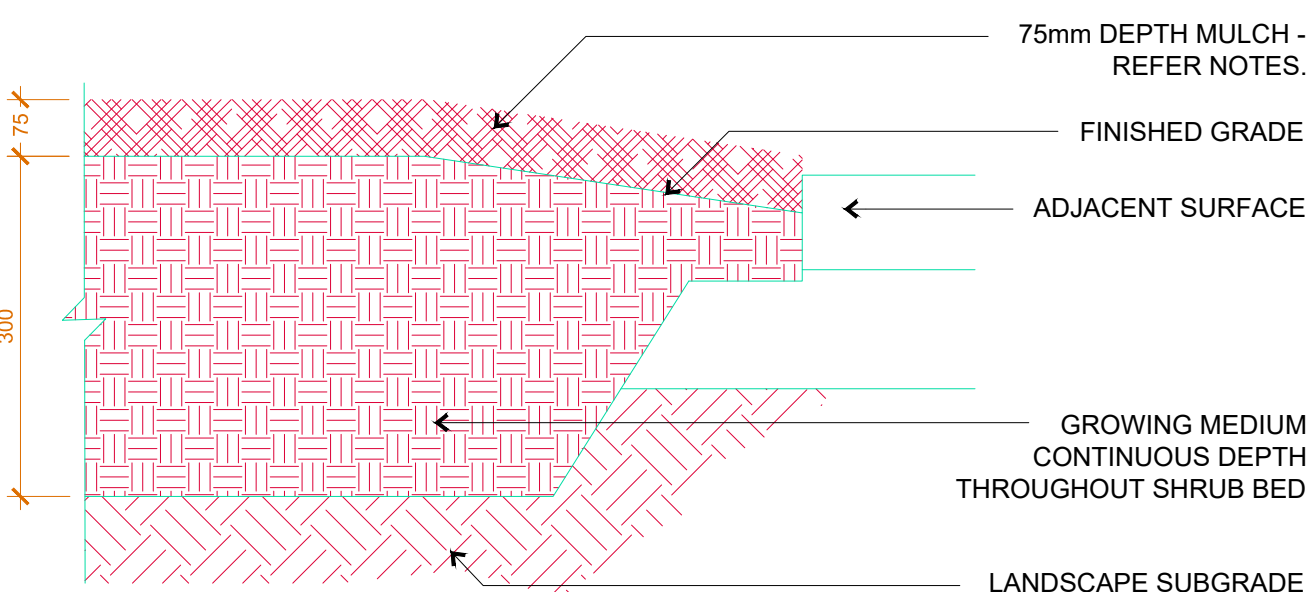
10 LIVE STAKE BUNDLES - IN DIKE RIPRAP

SCALE 1:40 P1-1961-0459-61



3 LANDSCAPE GRADING

SCALE 1:50 P1-2177-0005-08

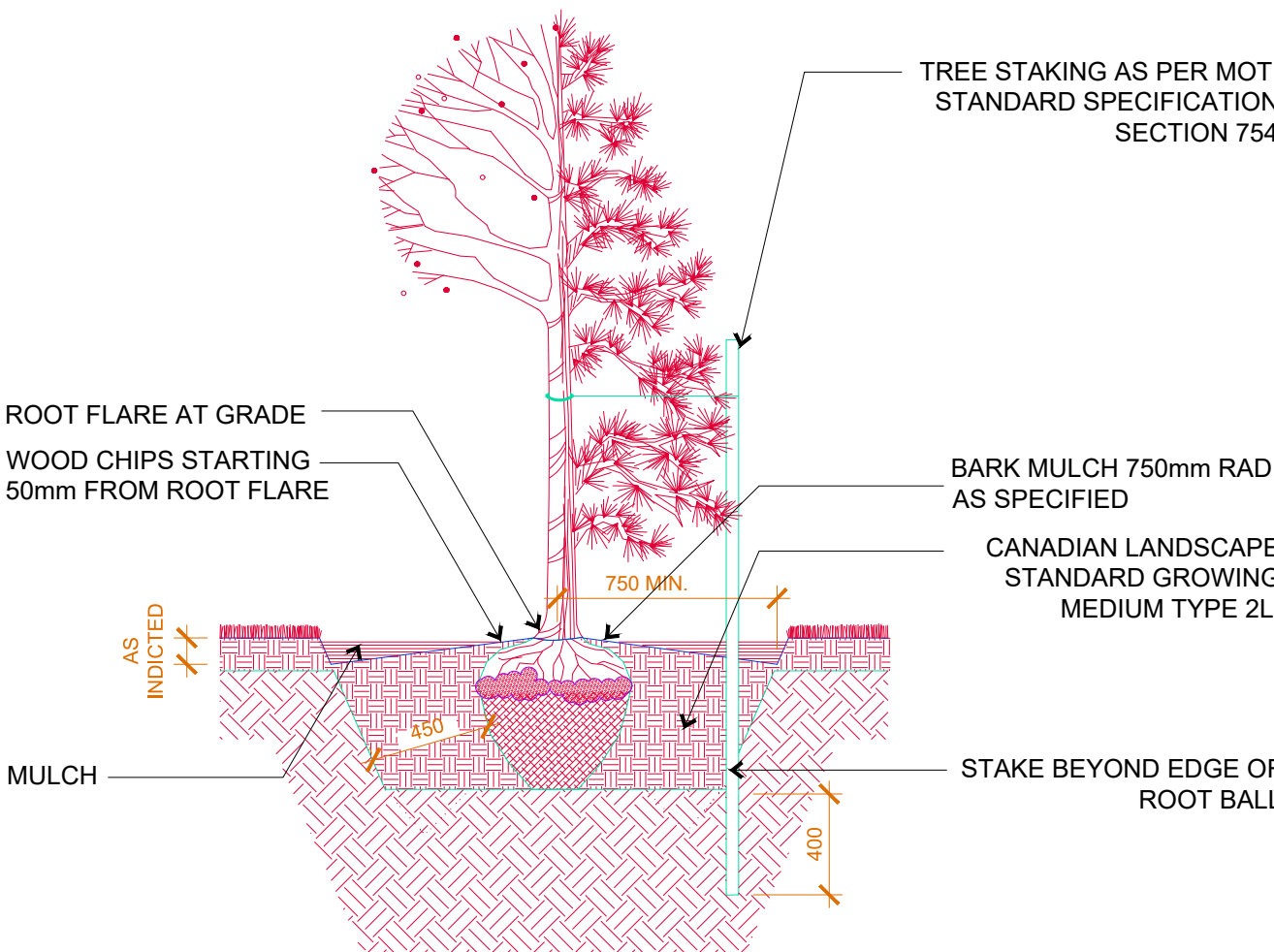


NOTES:

- XERISCAPE SHRUB BED TO RECEIVE DECORATIVE ROCK MULCH - REFER DETAIL 5 SHEET 1106.
- PARK SHRUB PLANTING BEDS TO RECEIVE BARK MULCH.

4 SHRUB PLANTING BED

SCALE 1:10 P1-1961-0459-50

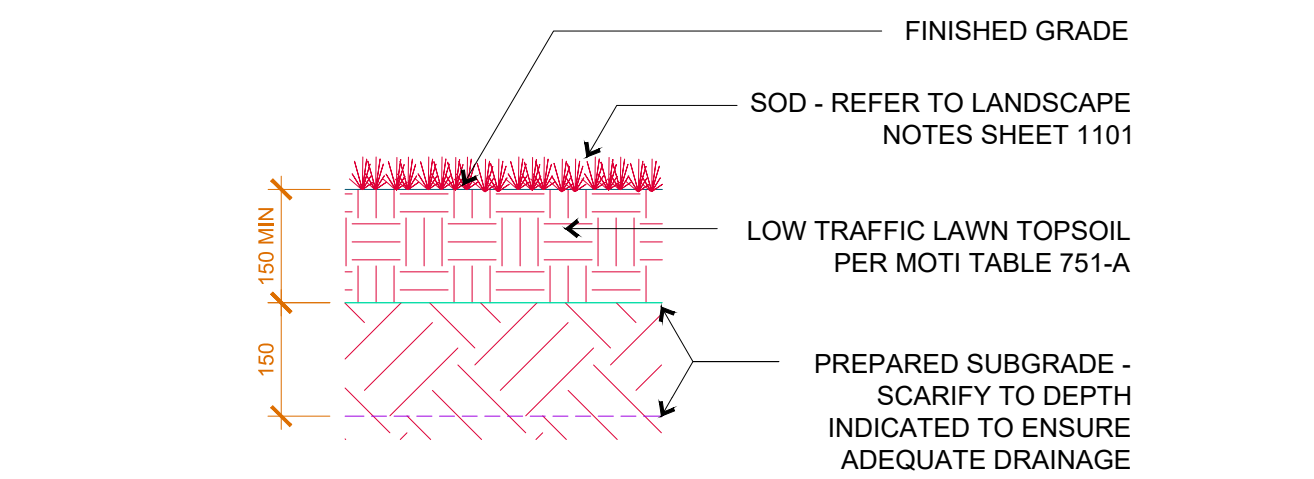


NOTE:

- ATTACHMENT TO TREE SHALL BE NO HIGHER THAN NECESSARY TO STABILIZE THE ROOTBALL WHILE PERMITTING FREE MOVEMENT OF TREE CROWN.
- INSTALL TREE TIE AT APPROX. 50% OF TREE HT. FOR CONIFERS LESS THAN 3m HT. AND 100mm BELOW LOWEST BRANCH FOR DECIDUOUS LESS THAN 100mm CAL. DO NOT REMOVE OR CONSTRAIN ANY BRANCHES.
- FOR B&B, REMOVE ALL STRING, TWINE, ETC. AND DROP BURLAP TO BOTTOM OF PLANT HOLE.

6 TREE PLANTING (BY OTHERS)

SCALE 1:25



9 SOD PLACEMENT

SCALE 1:10 P1-2177-0005-14

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REV	DATE	REVISIONS	NAME

PLOT DATE: 2023/11/16
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