

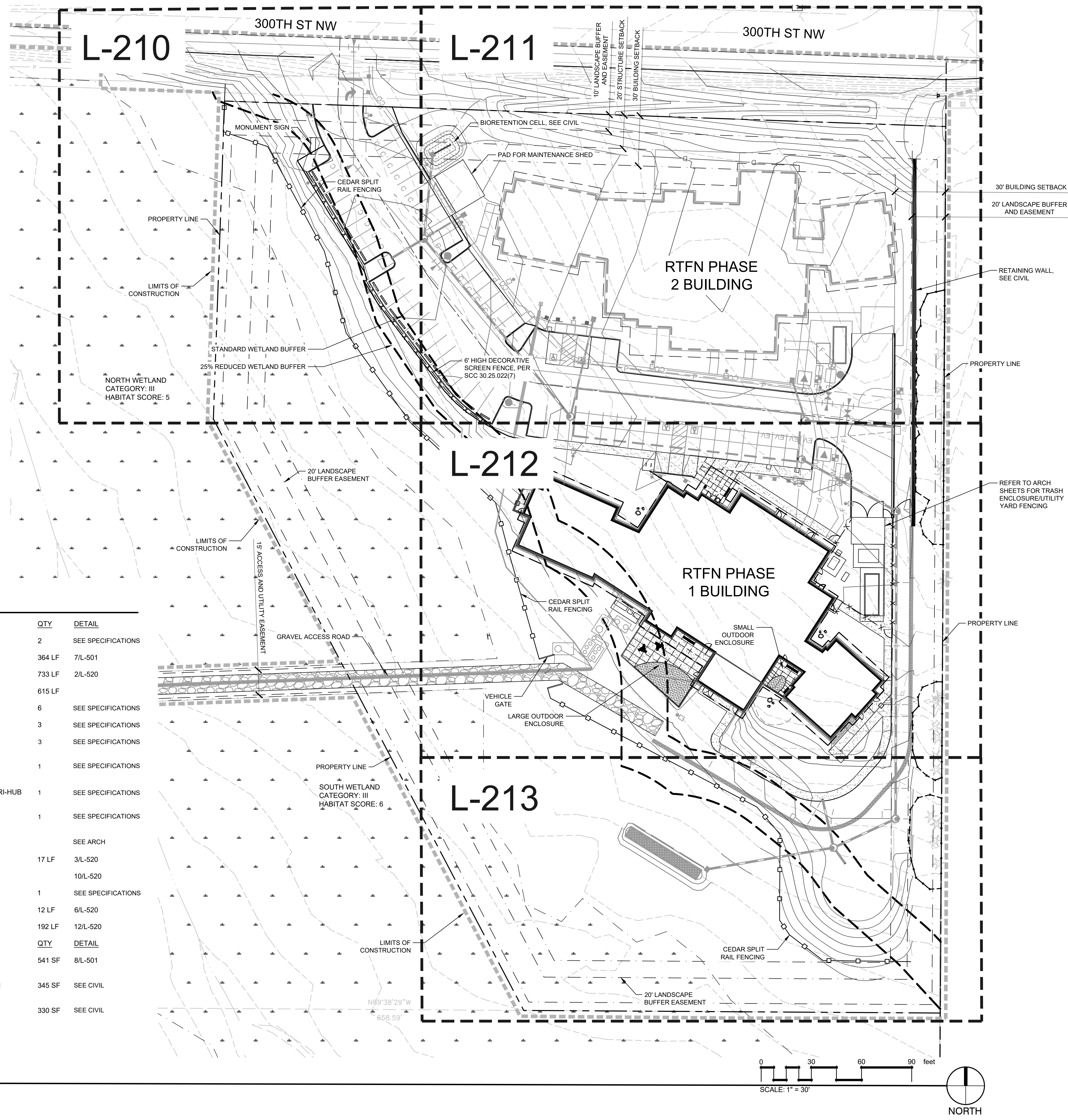
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L-201

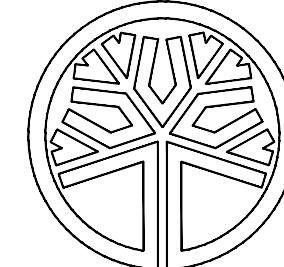
OVERALL MATERIAL KEY PLAN

OVERALL MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL
2	BIKE RACK: LANDSCAPE FORMS RING BIKE RACK	2	SEE SPECIFICATIONS
3	METAL LANDSCAPE EDGING	364 LF	7/L-501
4	CEDAR SPLIT RAIL FENCING WITH WETLAND SIGNAGE	733 LF	2/L-520
5	TREE PRESERVATION FENCING	615 LF	
7	COLUMNAR BASALT: 12-18" DIAMETER, 2-4' HEIGHT	6	SEE SPECIFICATIONS
8	DISH ROCK: COLUMBIA BASALT, 32" DIAMETER	3	SEE SPECIFICATIONS
9	BENCH: FORMS + SURFACES VECTOR SEATING SYSTEM, 8' LENGTH, BACKLESS, SURFACE MOUNT	3	SEE SPECIFICATIONS
10	BENCH: FORMS + SURFACES VECTOR SEATING SYSTEM, 4' LENGTH, BACKLESS, SURFACE MOUNT	1	SEE SPECIFICATIONS
11	BENCH: FORMS + SURFACES VECTOR SEATING SYSTEM, TRI-HUB CONFIGURATION, SURFACE MOUNT	1	SEE SPECIFICATIONS
12	BENCH: FORMS + SURFACES VECTOR SEATING SYSTEM, WALL-TOP MOUNT	1	SEE SPECIFICATIONS
13	SECURITY FENCE, SEE ARCHITECTURAL PLANS		SEE ARCH
14	CONCRETE SEAT WALL	17 LF	3/L-520
16	DOUBLE SWING BARRIER GATE		10/L-520
17	TRASH RECEPTACLE	1	SEE SPECIFICATIONS
20	KEYSTONE WALL	12 LF	6/L-520
21	DECORATIVE SCREEN FENCING	192 LF	12/L-520
SYMBOL	DESCRIPTION	QTY	DETAIL
	ARTIFICIAL TURF	541 SF	8/L-501
	CONCRETE: NATURAL COLOR, MEDIUM SAND BLAST FINISH	345 SF	SEE CIVIL
	CONCRETE: INTEGRAL COLOR	330 SF	SEE CIVIL



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2100 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402



STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
ERIC JOHN STREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT
RESIDENT TREATMENT FACILITY NORTH
300TH ST NW
STANWOOD, WA 98292
PARCELS: 32041800100100

REVISIONS

DATE: 06/24/2022
BCRA NO. 21031.00.00
DRAWN BY: MT DESIGNED BY: ES/MT
REVIEWED BY: ES
SHEET TITLE

OVERALL MATERIAL KEY PLAN

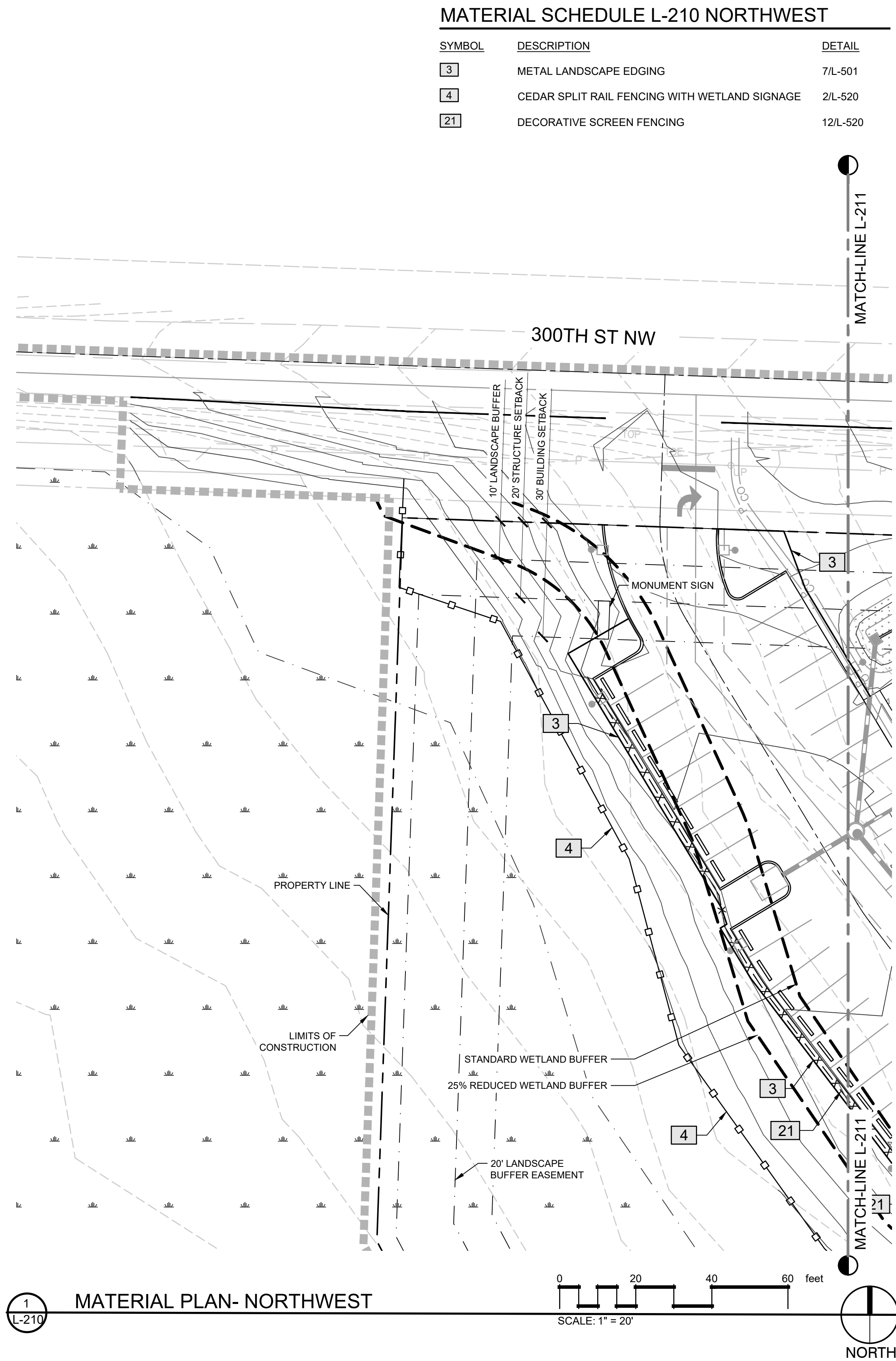
PROJECT FILE NUMBER: 22-102230 CUP

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SHEET

L-201
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STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

ERIC JOHN STREEBY

LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

RESIDENT TREATMENT FACILITY NORTH

2919 60TH AVE NW
STANWOOD, WA 98292
PARCELS: 32041600100100

REVISIONS

NO.	DESCRIPTION	DATE

DATE: 06/24/2022

BCRA NO. 21031.00.00

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REVIEWED BY: ES

SHEET TITLE

MATERIAL PLAN- NORTHWEST

PROJECT FILE NUMBER: 22-102230 CUP

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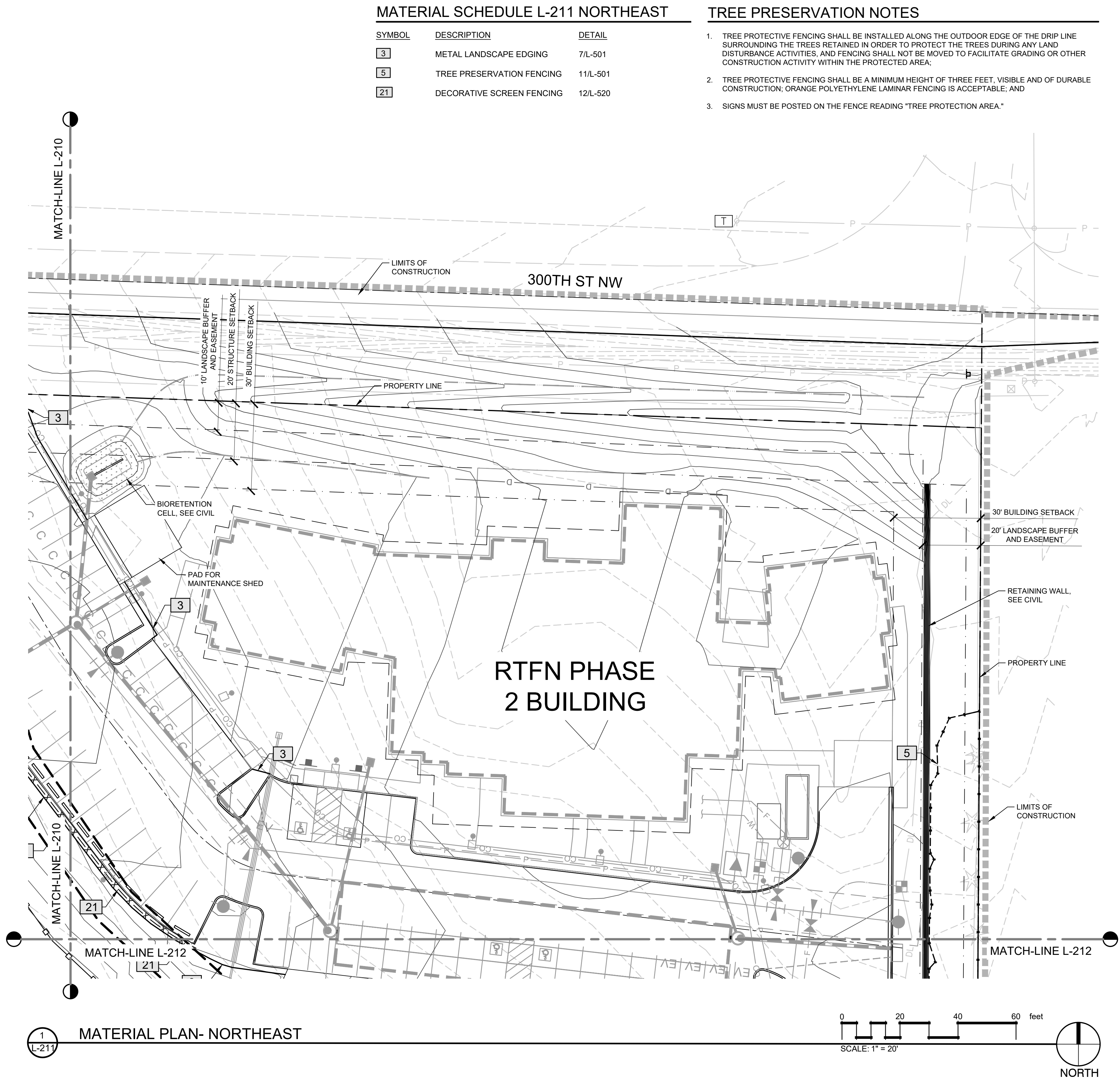
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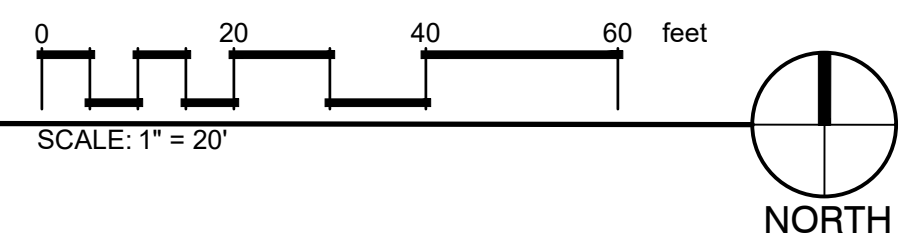
L-210

PERMIT SET

DATE PLOTTED: 8/24/2023 3:00:46 PM FILENAME: L-200 MATERIALS.DWG BY: ---



1 MATERIAL PLAN- NORTHEAST
L-211



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STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

ERIC JOHN STREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

RESIDENT TREATMENT FACILITY NORTH
2919 800TH AVE NW
STANWOOD, WA 98292
PARCELS: 32041800100100

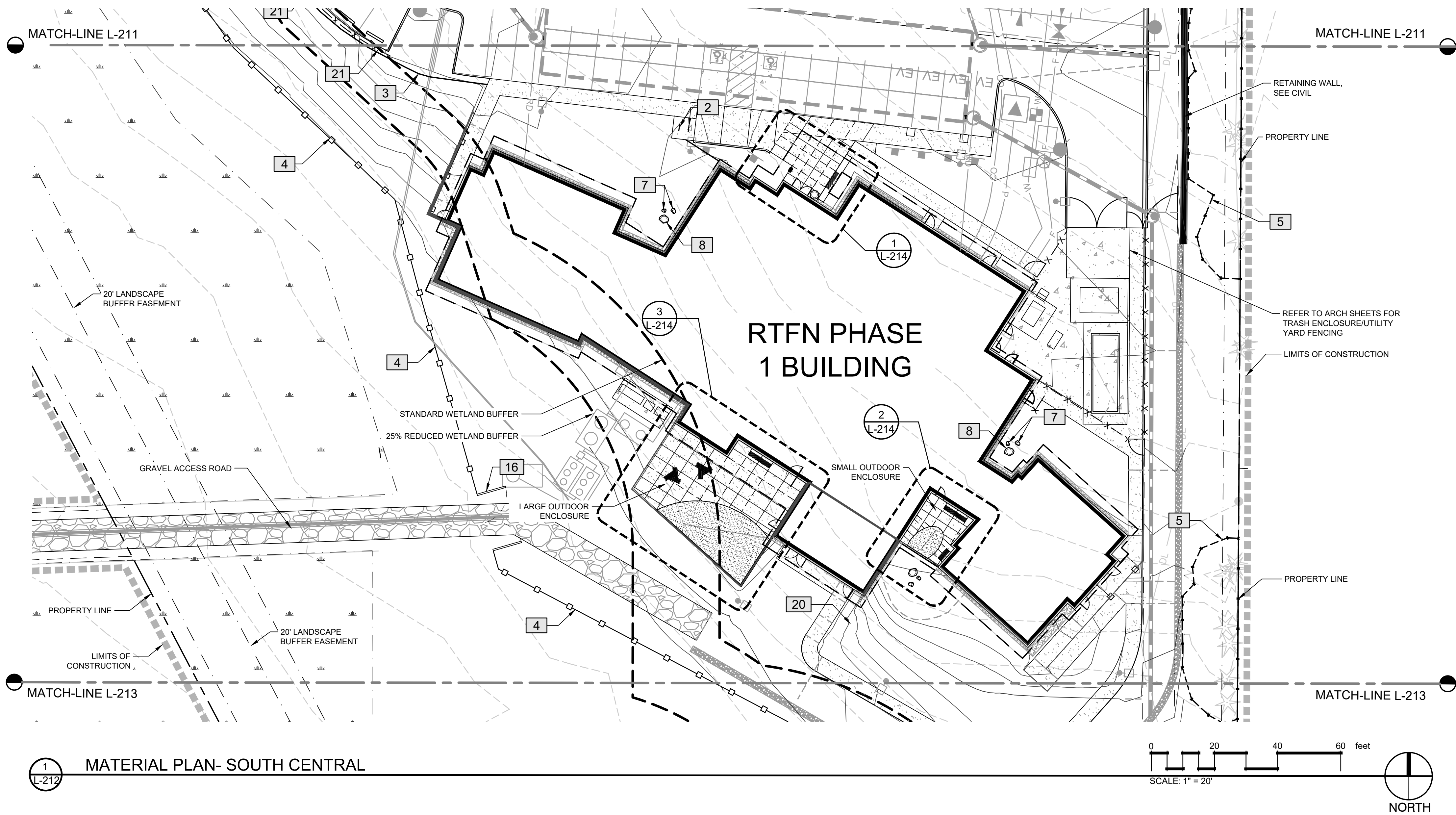
REVISIONS

NO.	DESCRIPTION	DATE

DATE: 06/24/2022
BCRA NO. 21031.00.00
DRAWN BY: MT DESIGNED BY: ES/MT
REVIEWED BY: ES
SHEET TITLE: MATERIAL PLAN- NORTHEAST
PROJECT FILE NUMBER: 22-102230 CUP
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SHEET
L-211
PERMIT SET

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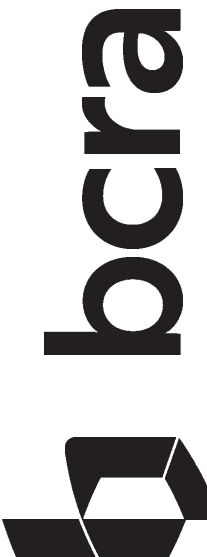


TREE PRESERVATION NOTES

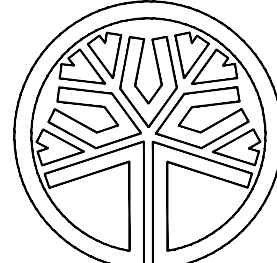
1. TREE PROTECTIVE FENCING SHALL BE INSTALLED ALONG THE OUTDOOR EDGE OF THE DRIP LINE SURROUNDING THE TREES RETAINED IN ORDER TO PROTECT THE TREES DURING ANY LAND DISTURBANCE ACTIVITIES, AND FENCING SHALL NOT BE MOVED TO FACILITATE GRADING OR OTHER CONSTRUCTION ACTIVITY WITHIN THE PROTECTED AREA;
2. TREE PROTECTIVE FENCING SHALL BE A MINIMUM HEIGHT OF THREE FEET, VISIBLE AND OF DURABLE CONSTRUCTION; ORANGE POLYETHYLENE LAMINAR FENCING IS ACCEPTABLE; AND
3. SIGNS MUST BE POSTED ON THE FENCE READING "TREE PROTECTION AREA."

MATERIAL SCHEDULE L-212 SOUTH CENTRAL

SYMBOL	DESCRIPTION	DETAIL
2	BIKE RACK: LANDSCAPE FORMS RING BIKE RACK	
3	METAL LANDSCAPE EDGING	7/L-501
4	CEDAR SPLIT RAIL FENCING WITH WETLAND SIGNAGE	2/L-520
5	TREE PRESERVATION FENCING	11/L-501
7	COLUMNAR BASALT: 12-18" DIAMETER, 2-4' HEIGHT	
8	DISH ROCK: COLUMBIA BASALT, 32" DIAMETER	
16	DOUBLE SWING BARRIER GATE	10/L-520
20	KEYSTONE WALL	6/L-520
21	DECORATIVE SCREEN FENCING	12/L-520



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STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
Eric John Streeby
ERIC JOHN STREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

RESIDENT TREATMENT FACILITY NORTH
2819 SOUTH AVENUE
STACOMA, WA 98402
PARCELS: 3204-1800100100

REVISIONS

DATE: 06/24/2022

BCRA NO. 21031.00.00

DRAWN BY: MT DESIGNED BY: ES/MT

REVIEWED BY: ES

SHEET TITLE

MATERIAL PLAN- SOUTH CENTRAL

PROJECT FILE NUMBER: 22-102230 CUP



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SHEET

L-212

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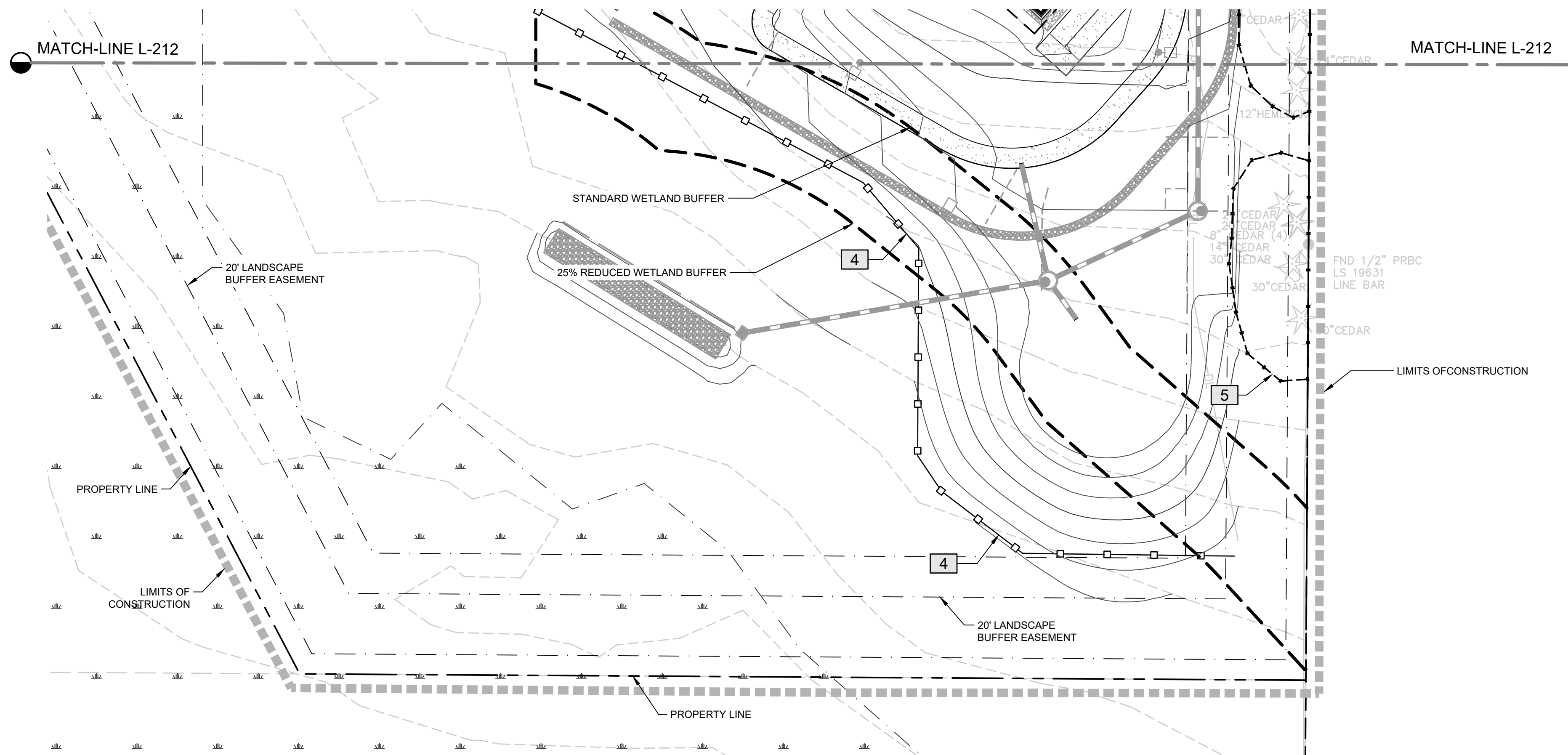
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TREE PRESERVATION NOTES

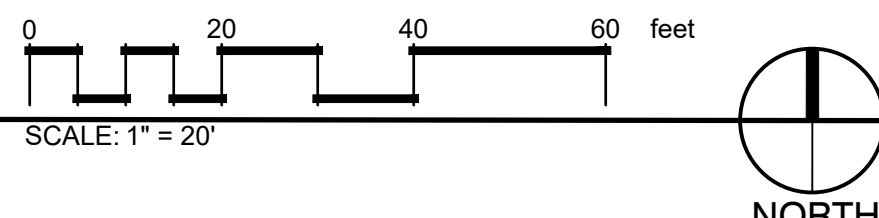
1. TREE PROTECTIVE FENCING SHALL BE INSTALLED ALONG THE OUTDOOR EDGE OF THE DRIP LINE SURROUNDING THE TREES RETAINED IN ORDER TO PROTECT THE TREES DURING ANY LAND DISTURBANCE ACTIVITIES, AND FENCING SHALL NOT BE MOVED TO FACILITATE GRADING OR OTHER CONSTRUCTION ACTIVITY WITHIN THE PROTECTED AREA;
2. TREE PROTECTIVE FENCING SHALL BE A MINIMUM HEIGHT OF THREE FEET, VISIBLE AND OF DURABLE CONSTRUCTION; ORANGE POLYETHYLENE LAMINAR FENCING IS ACCEPTABLE; AND
3. SIGNS MUST BE POSTED ON THE FENCE READING "TREE PROTECTION AREA."

MATERIAL SCHEDULE L-213 SOUTHEAST

<u>SYMBOL</u>	<u>DESCRIPTION</u>	<u>DETAIL</u>
4	CEDAR SPLIT RAIL FENCING WITH WETLAND SIGNAGE	2/L-520
5	TREE PRESERVATION FENCING	11/L-50



1 MATERIAL PLAN- SOUTHEAST
1 212



PROJECT _____

HOLCOMB

REVISIONS

DATE
06/24/2022

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MATERIAL PLAN-
SOUTHEAST

PROJECT FILE NUMBER: 22-102230 CUP

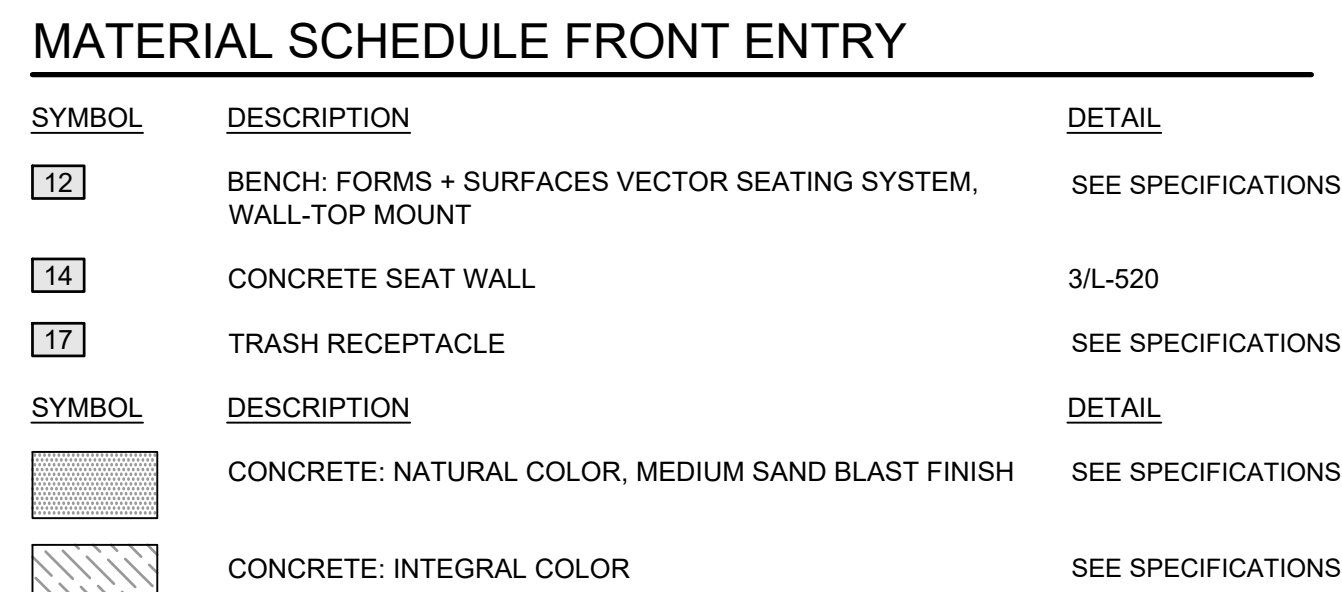


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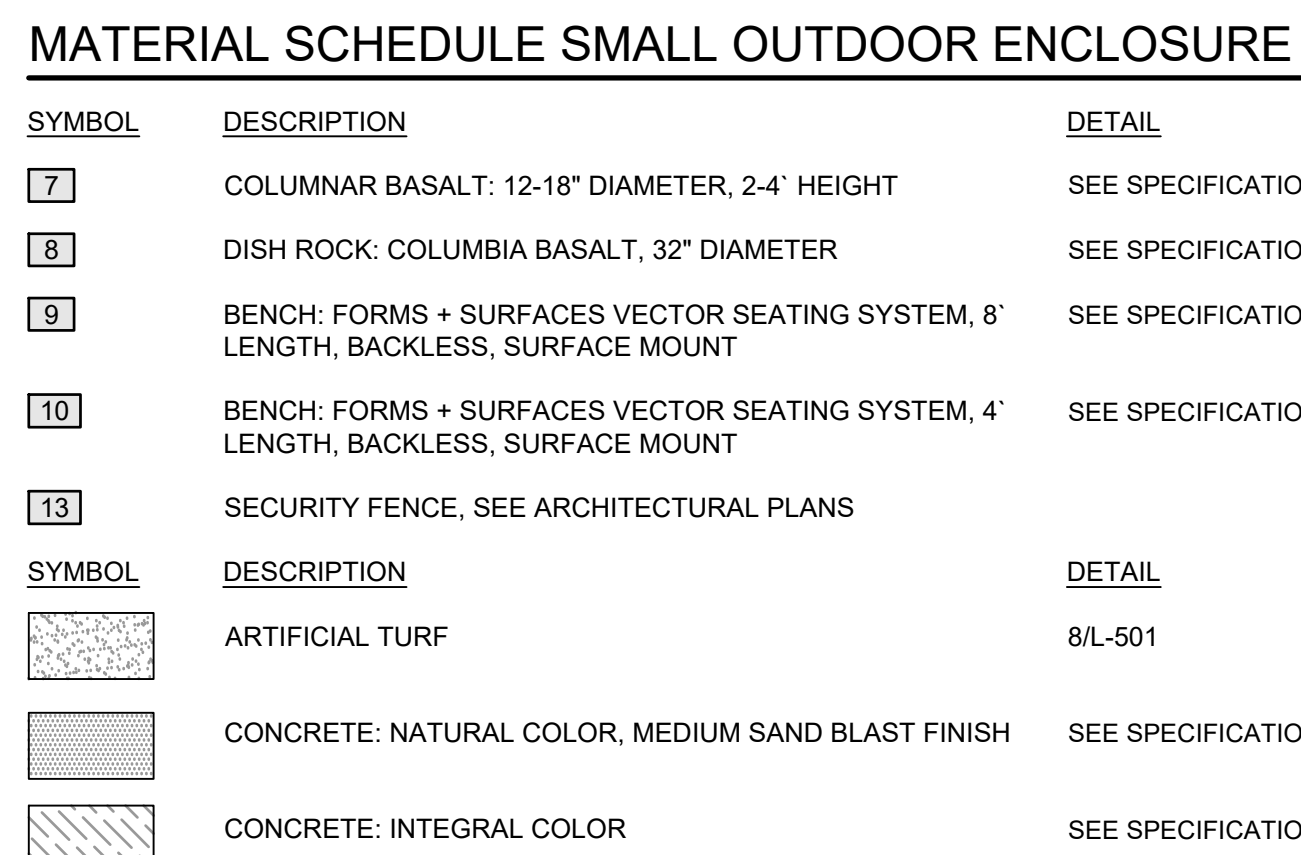
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L-213

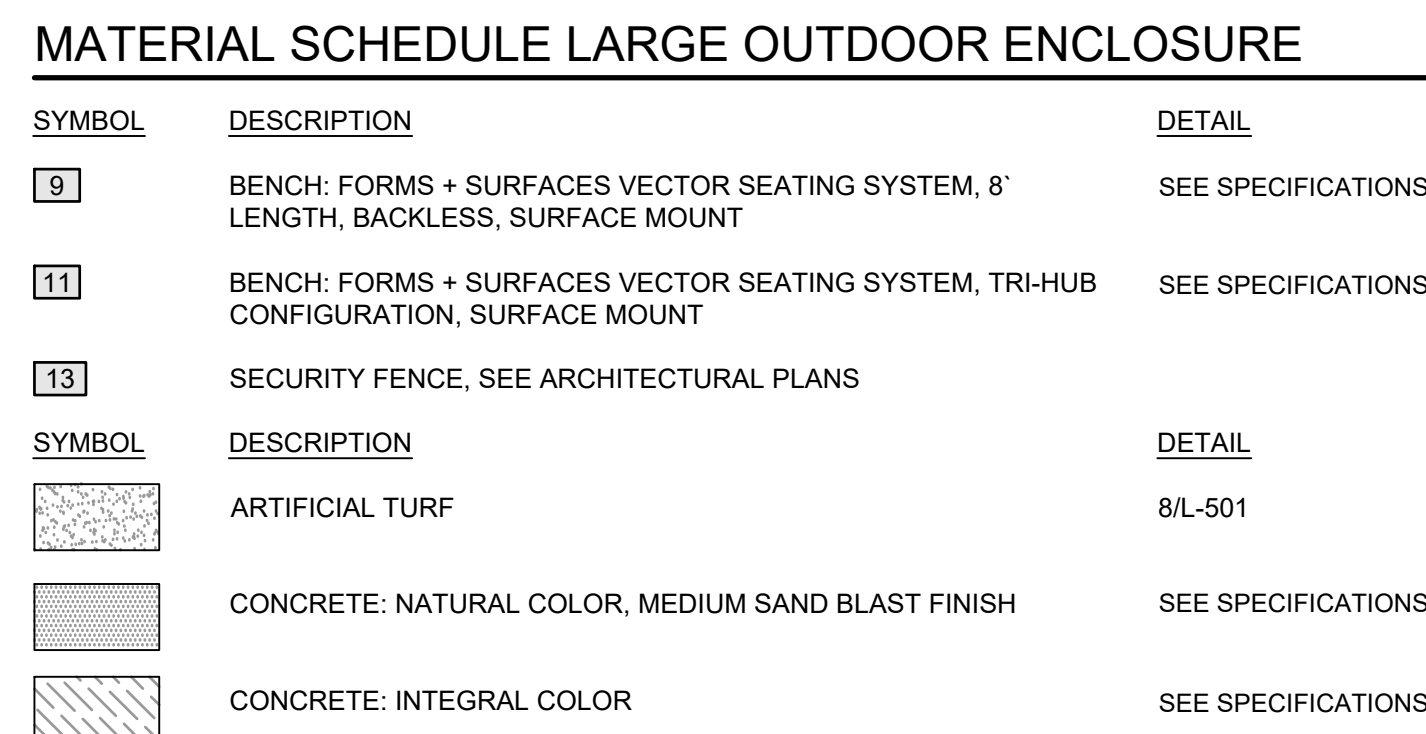
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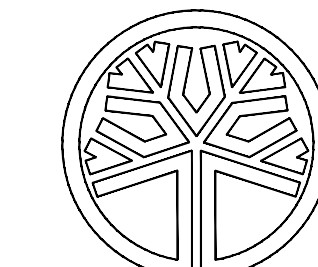
1 MATERIAL PLAN -
L-214 FRONT ENTRY



MATERIAL PLAN - SMALL OUTDOOR ENCLOSURE



MATERIAL PLAN - LARGE OUTDOOR ENCLOSURE



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT



ERIC JOHN STREEBY

LICENSE NO. 1436
EXPIRES ON 01/24/2025

PROJECT
RESIDENT TREATMENT FACILITY NORTH
29919 80TH AVE NW
STANWOOD, WA 98232
PARCELS: 32M1800100100

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SHEET TITLE	

MATERIAL PLAN- ENLARGEMENTS

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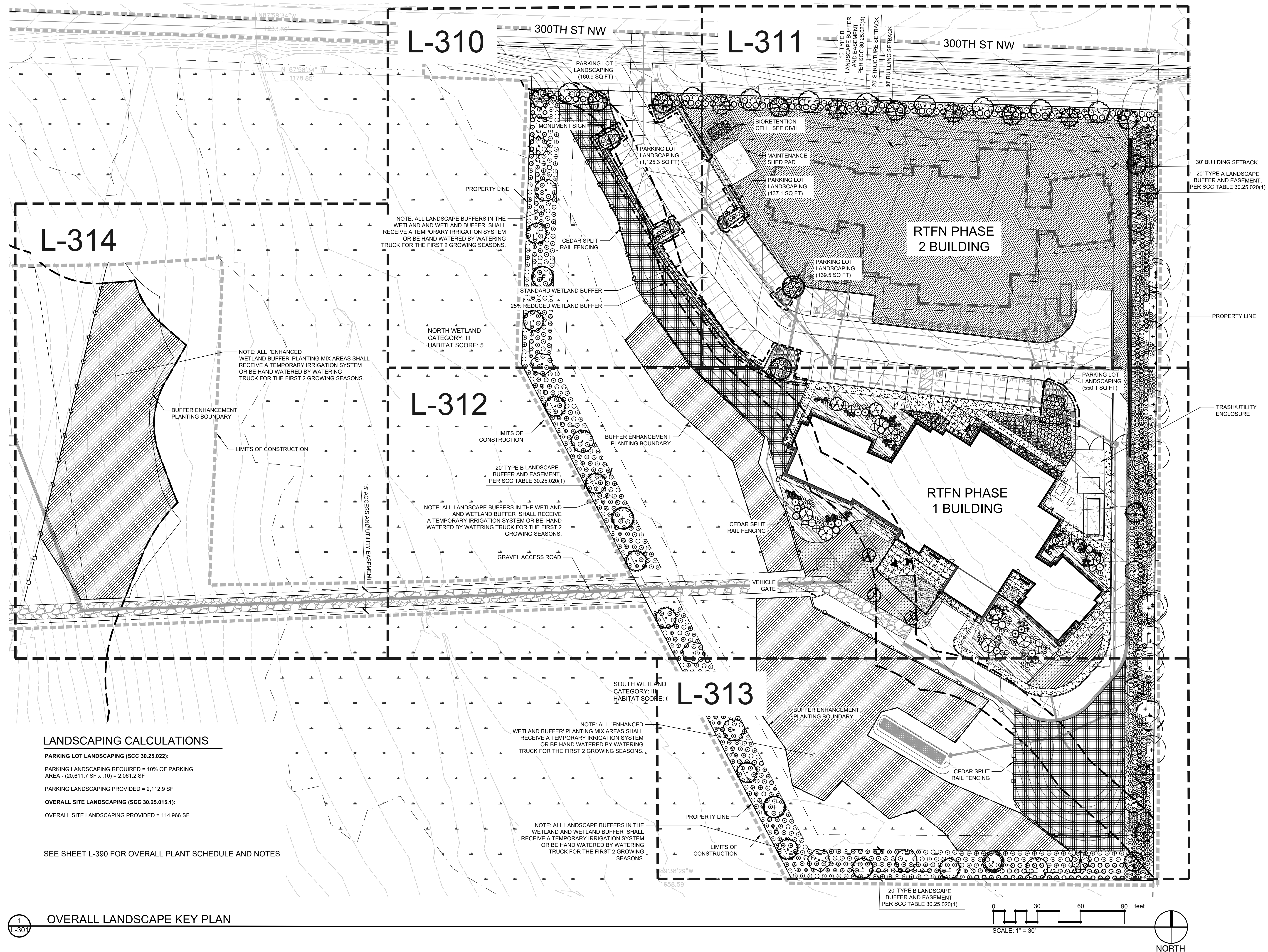


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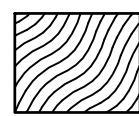
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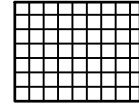


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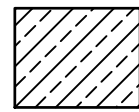
PLANT MIX SCHEDULE L-310 NORTHWEST



XERISCAPE LAWN ALTERNATIVE
ACHILLEA MILLEFOLIUM / COMMON YARROW
FESTUCA OVINA 'QUATRO' / QUATRO SHEEP FESCUE
FESTUCA TRACHYPHYLLA / HARD FESCUE
LOBULARIA MARITIMA / SWEET ALYSSUM
LOLIUM PERENNE / PERENNIAL RYEGRASS
TRIFOLIUM FRAGIFERUM / STRAWBERRY CLOVER
TRIFOLIUM REPENS / WHITE CLOVER



WILD WETLAND ECONOMY MIX
APPLICATION RATE 13 LBS/ACRE
ACHILLEA MILLEFOLIUM / COMMON YARROW
ACMISPON AMERICANUS / BIRDSFOOT TREFOIL
AGROSTIS EXARATA / SPIKE BENTGRASS
ALOPECURUS GENICULATUS / WATER FOXTAIL
BECKMANNIA SYZIGACHNE / AMERICAN SLOUGH GRASS
CAMASSIA QUAMASH / SMALL CAMAS
DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS
DESCHAMPSIA ELONGATA / SLENDER HAIRGRASS
EPILOBIUM DENSIFLORUM / DENSE SPIKE ROSE
ERYOPHYLLUM LANATUM / OREGON SUNSHINE
HORDEUM BRACHYANTHERUM / MEADOW BARLEY
PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH
PRUNELLA VULGARIS / SELF-HEAL
RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP
RANUNCULUS ORTHORHYNCHUS / STRAIGHT BEAK BUTTERCUP
SANGUISORBA ANNUA / WESTERN BURNET

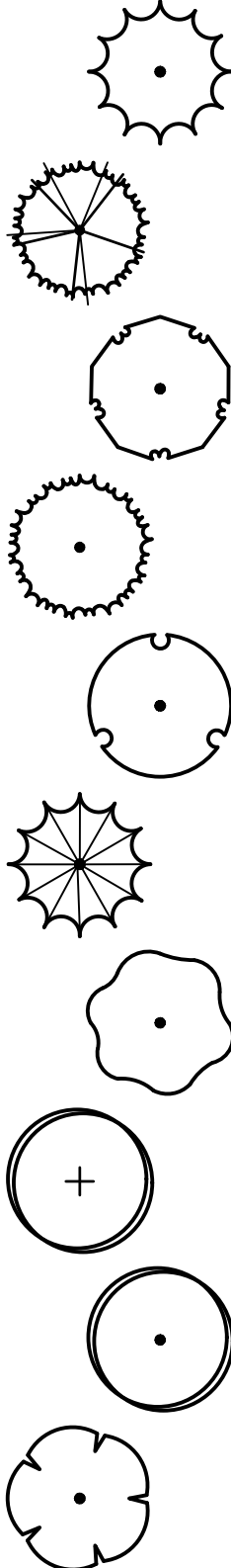


ENHANCED WETLAND BUFFER MIX
TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME SPECIES, IN A RANDOM PATTERN. REFER TO 'WETLAND BUFFER MITIGATION PLAN' BY WIDENER AND ASSOCIATES, DATED MARCH 10, 2022 FOR MORE SPECIFIC PLANTING, PERFORMANCE AND MONITORING REQUIREMENTS.
ALNUS RUBRA / RED ALDER
OEMLERIA CERASIFORMIS / OSOBERY
PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK
ROSA NUTKANA / NOOTKA ROSE
RUBUS PARVIFLORUS / THIMBLEBERRY
SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY

SEE SHEET L-390 FOR OVERALL PLANT SCHEDULE AND NOTES

PLANT SCHEDULE L-310 NORTHWEST

TREES



BOTANICAL / COMMON NAME

ACER MACROPHYLLUM / BIG LEAF MAPLE

CALOCEDRUS DECURRENS / INCENSE CEDAR

CARPINUS BETULUS 'FASTIGIATA' / PYRAMIDAL EUROPEAN HORNBEAN

PICEA SITCHENSIS / SITKA SPRUCE

POPULUS BALSAMIFERA / BALSAM POPLAR

PSEUDOTSUGA MENZIESII / DOUGLAS FIR

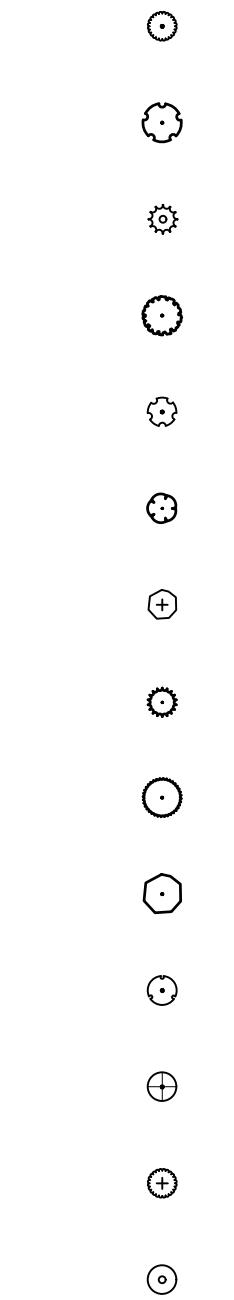
SALIX LUCIDA / PACIFIC WILLOW

SALIX SITCHENSIS / SITKA WILLOW

TILIA CORDATA / LITTLELEAF LINDEN

ZELKOVA SERRATA 'GREEN VASE' / GREEN VASE SAWLEAF ZELKOVA

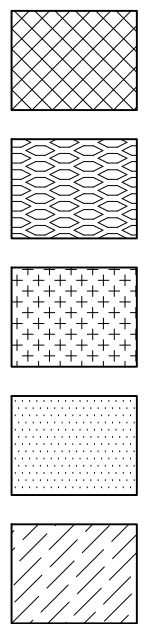
SHRUBS



BOTANICAL / COMMON NAME

ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / KALEIDOSCOPE GLOSSY ABELIA
MIN. 18" HT.
BERBERIS X OTTAWENSIS 'SUPERBA' / SUPERBA BARBERRY
MIN. 18" HT.
CORNUS SERICEA / RED TWIG DOGWOOD
MIN. 18" HT.
COTONEASTER LACTEUS / RED CLUSTERBERRY COTONEASTER
MIN. 18" HT.
ESCALLONIA X 'COMPACTA' / COMPACT ESCALLONIA
MIN. 18" HT.
GAULTHERIA SHALLON / SALAL
MIN. 18" HT.
LONICERA INVOLUCRATA / TWINBERRY
MIN. 18" HT.
MAHONIA AQUIFOLIUM / OREGON GRAPE
MIN. 18" HT.
MORELLA CALIFORNICA / CALIFORNIA WAX MYRTLE
MIN. 18" HT.
PHILADELPHUS LEWISII / WILD MOCKORANGE
MIN. 18" HT.
ROSA PISOCARPA / CLUSTERED WILD ROSE
MIN. 18" HT.
RUBUS PARVIFLORUS / THIMBLEBERRY
MIN. 18" HT.
RUBUS SPECTABILIS / SALMONBERRY
MIN. 18" HT.
SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY
MIN. 18" HT.

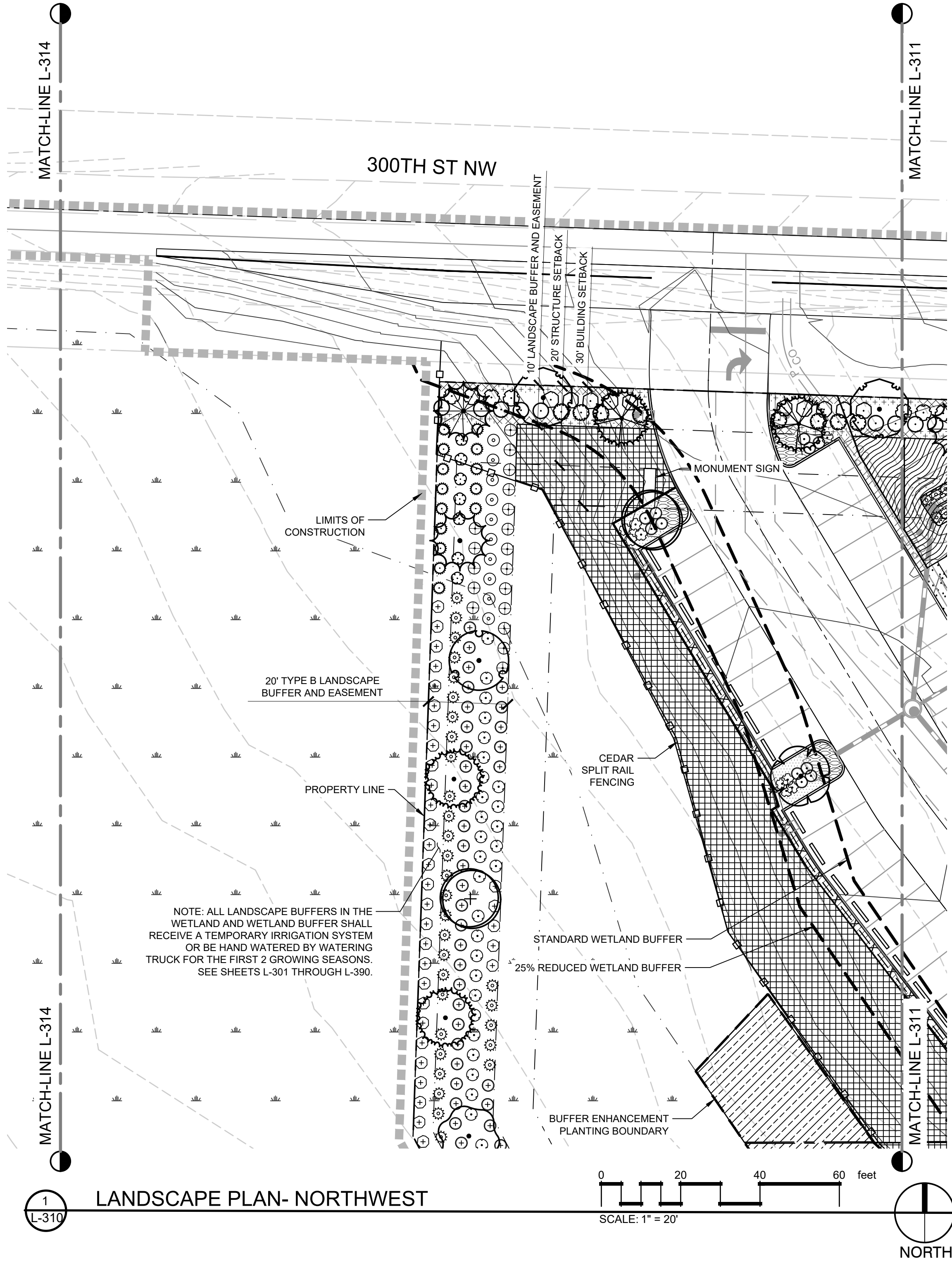
GROUND COVERS



BOTANICAL / COMMON NAME

ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK
CALLUNA VULGARIS 'FIREFLY' / FIREFLY HEATHER
FRAGARIA CHILOENSIS / BEACH STRAWBERRY
FRAGARIA CHILOENSIS / BEACH STRAWBERRY
RUBUS CALYCNIOIDES / CREEPING BRAMBLE

SEE SHEET L-390 FOR OVERALL PLANT SCHEDULE AND NOTES



LANDSCAPE PLAN- NORTHWEST



PROJECT
RESIDENT TREATMENT FACILITY NORTH
3918 600TH AVE NW
STANWOOD, WA 98292
PARCELS: 32041800100100

REVISIONS	

DATE: 06/24/2022
BCRA NO. 21031.00.00
DRAWN BY: MT DESIGNED BY: ES/MT
REVIEWED BY: ES
SHEET TITLE

LANDSCAPE PLAN- NORTHWEST

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SHEET

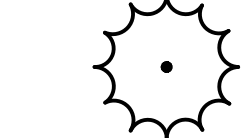
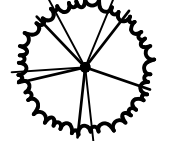
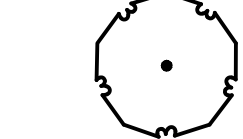
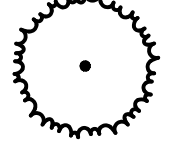
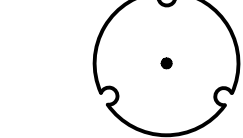
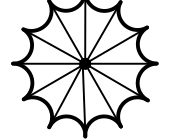
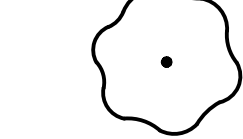
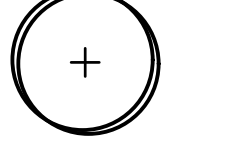
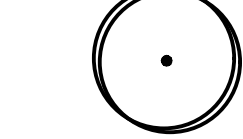
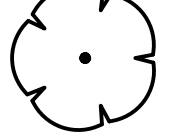
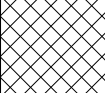
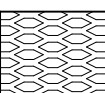
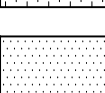
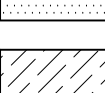
L-310

PERMIT SET

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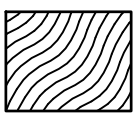
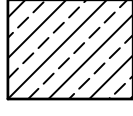
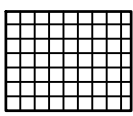
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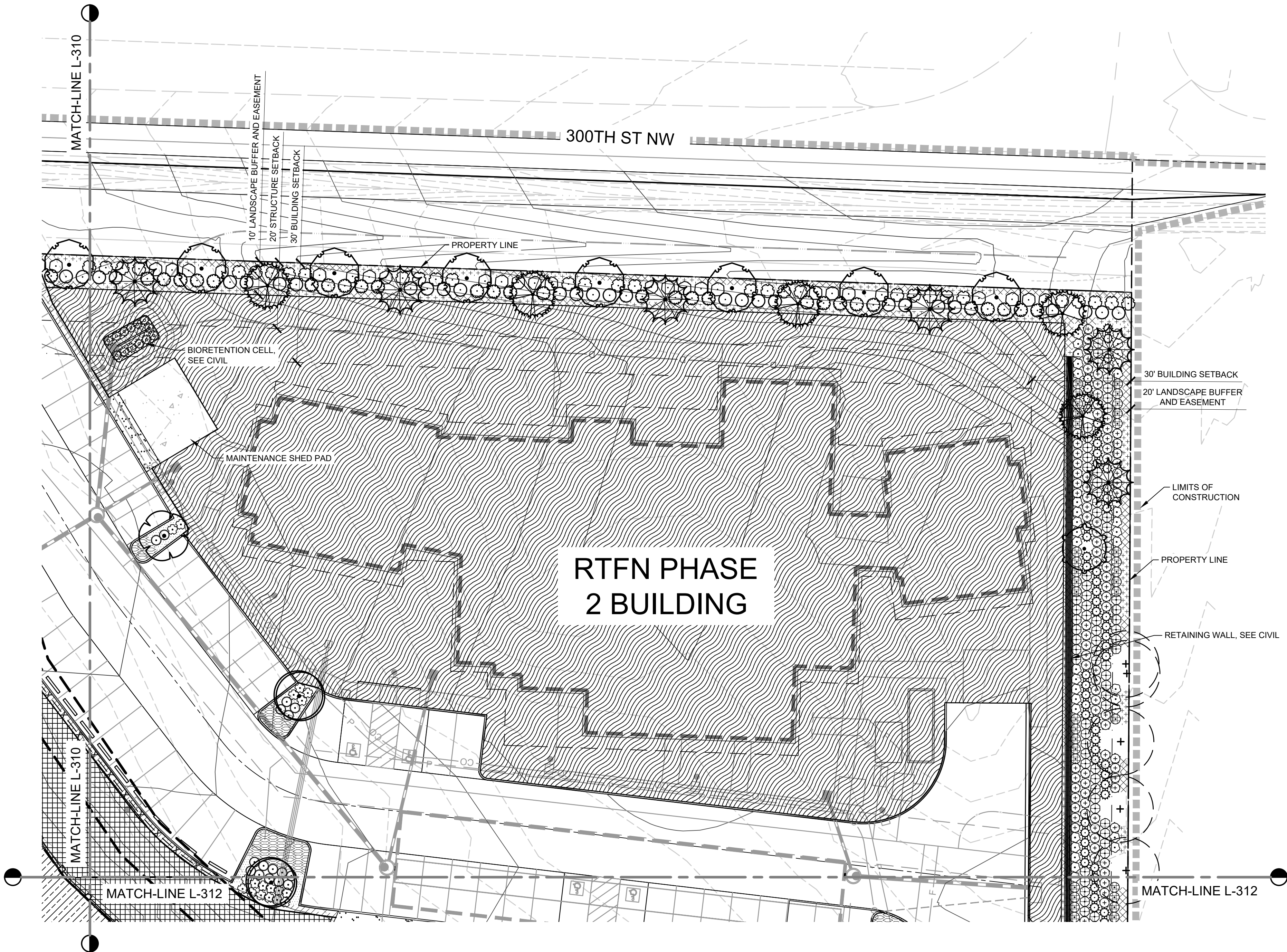
PLANT SCHEDULE L-311 NORTHEAST

TREES	BOTANICAL / COMMON NAME
	ACER MACROPHYLLUM / BIG LEAF MAPLE
	CALOCEDRUS DECURRENS / INCENSE CEDAR
	CARPINUS BETULUS 'FASTIGIATA' / PYRAMIDAL EUROPEAN HORNBEAN
	PICEA SITCHENSIS / SITKA SPRUCE
	POPULUS BALSAMIFERA / BALSAM POPLAR
	PSEUDOTSUGA MENZIESII / DOUGLAS FIR
	SALIX LUCIDA / PACIFIC WILLOW
	SALIX SITCHENSIS / SITKA WILLOW
	TILIA CORDATA / LITTLELEAF LINDEN
	ZELKOVA SERRATA 'GREEN VASE' / GREEN VASE SAWLEAF ZELKOVA
SHRUBS	BOTANICAL / COMMON NAME
	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / KALEIDOSCOPE GLOSSY ABELIA MIN. 18" HT.
	BERBERIS X OTTAWENSIS 'SUPERBA' / SUPERBA BARBERRY MIN. 18" HT.
	CORNUS SERICEA / RED TWIG DOGWOOD MIN. 18" HT.
	COTONEASTER LACTEUS / RED CLUSTERBERRY COTONEASTER MIN. 18" HT.
	ESCALLONIA X 'COMPACTA' / COMPACT ESCALLONIA MIN. 18" HT.
	GAULTHERIA SHALLON / SALAL MIN. 18" HT.
	LONICERA INVOLUCRATA / TWINBERRY MIN. 18" HT.
	MAHONIA AQUIFOLIUM / OREGON GRAPE MIN. 18" HT.
	MORELLA CALIFORNICA / CALIFORNIA WAX MYRTLE MIN. 18" HT.
	PHILADELPHUS LEWISII / WILD MOCKORANGE MIN. 18" HT.
	ROSA PISOCARPA / CLUSTERED WILD ROSE MIN. 18" HT.
	RUBUS PARVIFLORUS / THIMBLEBERRY MIN. 18" HT.
	RUBUS SPECTABILIS / SALMONBERRY MIN. 18" HT.
	SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY MIN. 18" HT.
GROUND COVERS	BOTANICAL / COMMON NAME
	ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK
	CALLUNA VULGARIS 'FIREFLY' / FIREFLY HEATHER
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY
	RUBUS CALYCINOIDES / CREEPING BRAMBLE

SEE SHEET L-390 FOR OVERALL PLANT SCHEDULE AND NOTES

PLANT MIX SCHEDULE L-311 NORTHEAST

	XERISCAPE LAWN ALTERNATIVE ACHILLEA MILLEFOLIUM / COMMON YARROW FESTUCA OVINA 'QUATRO' / QUATRO SHEEP FESCUE FESTUCA TRACHYPHYLLA / HARD FESCUE LOBULARIA MARITIMA / SWEET ALYSSUM LOLIUM PERENNE / PERENNIAL RYEGRASS TRIFOLIUM FRAGIFERUM / STRAWBERRY CLOVER TRIFOLIUM REPENS / WHITE CLOVER		ENHANCED WETLAND BUFFER MIX TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME SPECIES, IN A RANDOM PATTERN. REFER TO 'WETLAND BUFFER MITIGATION PLAN' BY WIDENER AND ASSOCIATES, DATED MARCH 10, 2022 FOR MORE SPECIFIC PLANTING, PERFORMANCE AND MONITORING REQUIREMENTS. ALNUS RUBRA / RED ALDER OEMLERIA CERASIFORMIS / OSOBERY PHYSOCARPUS CAPTATUS / PACIFIC NINEBARK ROSA NUTKANA / NOOTKA ROSE RUBUS PARVIFLORUS / THIMBLEBERRY SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY
	WILD WETLAND ECONOMY MIX APPLICATION RATE 13 LBS/ACRE ACHILLEA MILLEFOLIUM / COMMON YARROW ACMISPON AMERICANUS / BIRDSFOOT TREFOIL AGROSTIS EXARATA / SPIKE BENTGRASS ALOPECURUS GENICULATUS / WATER FOXTAIL BECKMANNIA SYZIGACHNE / AMERICAN SLOUGH GRASS CAMASSIA QUAMASH / SMALL CAMAS DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS DESCHAMPSIA ELONGATA / SLENDER HAIRGRASS EPILOBIUM DENSIFLORUM / DENSE SPIKE ROSE ERYOPHYLLUM LANATUM / OREGON SUNSHINE HOREDEUM BRACHYANTHERUM / MEADOW BARLEY PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH PRUNELLA VULGARIS / SELF-HEAL RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP RANUNCULUS ORTHORHYNCHUS / STRAIGHT BEAK BUTTERCUP SANGUISORBA ANNUA / WESTERN BURNET		



LANDSCAPE PLAN- NORTHEAST

bcra

STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
ERIC JOHN STREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT
RESIDENT TREATMENT FACILITY NORTH
2919 60TH AVE NW
SEATTLE, WA 98122
PARCELS: 32041600100100

REVISIONS

DATE: 06/24/2022
BCRA NO. 21031.00.00
DRAWN BY: MT DESIGNED BY: ES/MT
REVIEWED BY: ES
SHEET TITLE

LANDSCAPE PLAN-
NORTHEAST

PROJECT FILE NUMBER: 22-102230 CUP
bcra
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SHEET

L-311
PERMIT SET

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PLANT SCHEDULE L-312 SOUTH CENTRAL

TREES	BOTANICAL / COMMON NAME
	ACER CIRCINATUM / VINE MAPLE
	ACER PALMATUM / JAPANESE MAPLE
	CALOCEDRUS DECURRENS / INCENSE CEDAR
	PICEA SITCHENSIS / SITKA SPRUCE
	POPULUS BALSAMIFERA / BALSAM POPLAR
	PSEUDOTSUGA MENZIESII / DOUGLAS FIR
	ROBINIA X AMBIGUA 'IDAHOENSIS' / IDAHO PINK LOCUST
	SALIX LUCIDA / PACIFIC WILLOW
	SALIX SITCHENSIS / SITKA WILLOW
	TILIA CORDATA / LITTLELEAF LINDEN
	ZELKOVA SERRATA 'GREEN VASE' / GREEN VASE SAWLEAF ZELKOVA

SHRUBS	BOTANICAL / COMMON NAME
	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / KALEIDOSCOPE GLOSSY ABELIA MIN. 18" HT.
	BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAMA MIN. 18" HT.
	CALLUNA VULGARIS 'FIREFLY' / FIREFLY HEATHER MIN. 18" HT.
	CHAMAECYPARIS OBTUSA 'NANA' / DWARF HINOKI FALSE CYPRESS MIN. 18" HT.
	CISTUS X HYBRIDUS / WHITE ROCKROSE MIN. 18" HT.
	CORNUS SERICEA / RED TWIG DOGWOOD MIN. 18" HT.
	CORNUS STOLONIFERA / RED TWIG DOGWOOD MIN. 18" HT.
	ERICA CARNEA 'PIRBRIGHT ROSE' / PIRBRIGHT ROSE WINTER HEATH MIN. 18" HT.
	ESCALLONIA X 'COMPACTA' / COMPACT ESCALLONIA MIN. 18" HT.
	LONICERA INVOLUCRATA / TWINBERRY MIN. 18" HT.
	NANDINA DOMESTICA 'MOON BAY' / MOON BAY HEAVENLY BAMBOO MIN. 18" HT.
	PENNISETUM ALOPECUROIDES 'HADELN' / HAMELN FOUNTAIN GRASS MIN. 18" HT.
	POLYSTICHUM MUNITUM / WESTERN SWORD FERN MIN. 18" HT.
	PRUNUS LAUROCERASUS 'OTTO LUYKEN' / OTTO LUYKEN ENGLISH LAUREL MIN. 18" HT.
	RIBES SANGUINEUM / RED FLOWERING CURRANT MIN. 18" HT.
	ROSA NUTKANA / NOOTKA ROSE MIN. 18" HT.
	ROSA NUTKANA / NOOTKA ROSE MIN. 18" HT.
	ROSA PISOCARPA / CLUSTERED WILD ROSE MIN. 18" HT.
	ROSA RUGOSA / RUGOSA ROSE MIN. 18" HT.
	RUBUS SPECTABILIS / SALMONBERRY MIN. 18" HT.

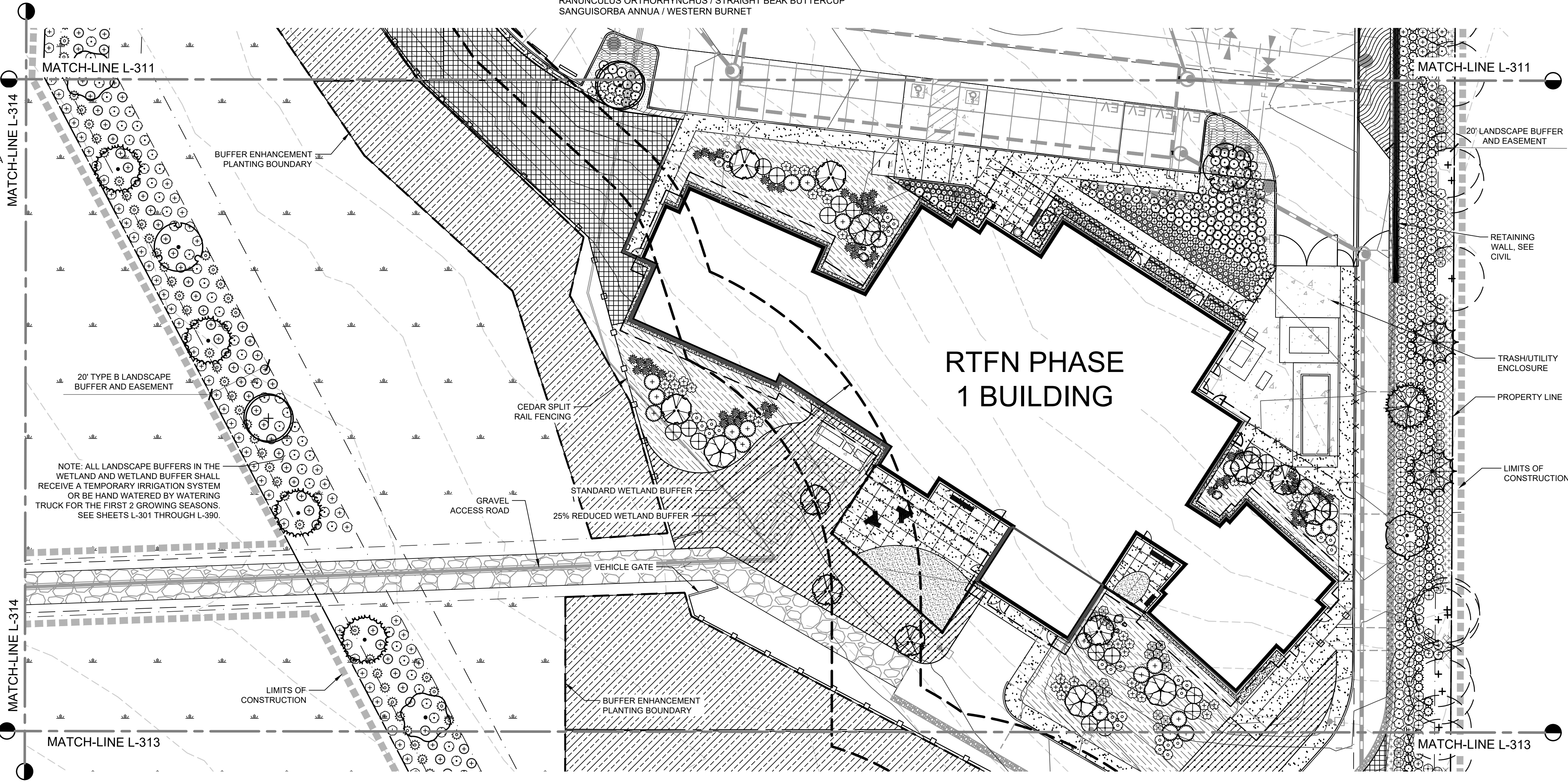
GROUND COVERS	BOTANICAL / COMMON NAME
	ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK
	CALLUNA VULGARIS 'FIREFLY' / FIREFLY HEATHER
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY
	RUBUS CALYCINOIDES / CREEPING BRAMBLE

SEE SHEET L-390 FOR OVERALL PLANT SCHEDULE AND NOTES

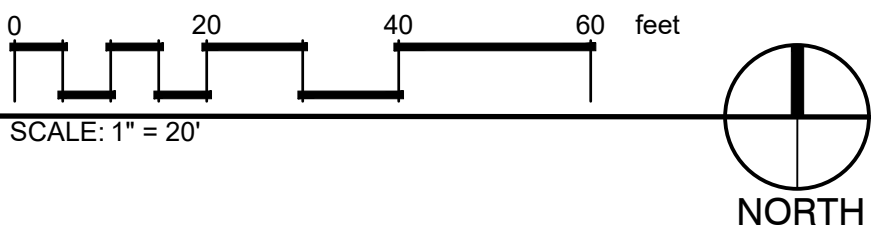
PLANT MIX SCHEDULE L-312 SOUTH CENTRAL

	EXISTING TREE TO REMAIN SEE MATERIALS PLANS NOTES FOR SPECIFIC TREE PRESERVATION FENCING REQUIREMENTS.
	NATIVE URBAN MEADOW MIX ACHILLEA MILLEFOLIUM / COMMON YARROW ALLIUM AMPECTENS / GRACEFUL ALLIUM CAREX PACHYSTACHYA / CHAMISSO SEDGE CAREX TUMULICOLA / FOOTHILL SEDGE COLLINSIA GRANDIFLORA / BLUE-EYED MARY DANTHONIA CALIFORNICA / CALIFORNIA OATGRASS ERIOPHYLLUM LANATUM / WOOLLY SUNFLOWER FESTUCA ROEMERI / ROEMER'S FESCUE HEUCHERA CHLORANTHA / TALL ALUMROOT LOMATIUM NUDICAULE / WILD PARSLEY LOMATIUM UTRICULATUM / BLADDER PARSNIP PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH POTENTILLA GRACILIS / SLENDER CINQUEFOIL PRUNELLA VULGARIS LANCEOLATA / LANCE SELF-HEAL RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP SIDALCEA MALVIFLORA VIRGATA / CHECKERBLOOM VIOLA PRAEMORSA / CANARY VIOLET
	WILD WETLAND ECONOMY MIX APPLICATION RATE 13 LBS/ACRE ACHILLEA MILLEFOLIUM / COMMON YARROW ACNISPON AMERICANUS / BIRDFOOT TREFOIL AGROSTIS EXARATA / SPIKE BENTGRASS ALOPECURUS GENICULATUS / WATER FOXTAIL BECKMANNIA SYZIGACHNE / AMERICAN SLOUGH GRASS CAMASSIA QUAMASH / SMALL CAMAS DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS DESCHAMPSIA ELONGATA / SLENDER HAIRGRASS EPILOBIUM DENSIFLORUM / DENSE SPIKE ROSE ERYOPHYLLUM LANATUM / OREGON SUNSHINE HORDEUM BRACHYANTHERUM / MEADOW BARLEY PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH PRUNELLA VULGARIS / SELF-HEAL RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP RANUNCULUS ORTHORHYNCHUS / STRAIGHT BEAK BUTTERCUP SANGUISORBA ANNUA / WESTERN BURNET

	ENHANCED WETLAND BUFFER MIX TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME SPECIES, IN A RANDOM PATTERN. REFER TO 'WETLAND BUFFER MITIGATION PLAN' BY WIDENER AND ASSOCIATES, DATED MARCH 10, 2022 FOR MORE SPECIFIC PLANTING, PERFORMANCE AND MONITORING REQUIREMENTS. ALNUS RUBRA / RED ALDER OEMLERIA CERASIFORMIS / OSOBERY PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK ROSA NUTKANA / NOOTKA ROSE RUBUS PARVIFLORUS / THIMBLEBERRY SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY
	GROUND COVER MIX TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME SPECIES, IN A RANDOM PATTERN. FRAGARIA CHILOENSIS / BEACH STRAWBERRY FRAGARIA VESCA / WOODLAND STRAWBERRY MAHONIA REPENS / CREEPING MAHONIA



1 LANDSCAPE PLAN- SOUTH CENTRAL
L-312



bcra

STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
ERIC JOHN STREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT
RESIDENT TREATMENT FACILITY NORTH
2819 SOUTH AVENUE
SUITE 100
PARCELS: 32041800100100

REVISIONS

DATE	06/24/2022
BORA NO.	21031.00.00
DRAWN BY	MT
DESIGNED BY	ES/MT
REVIEWED BY	ES
SHEET TITLE	LANDSCAPE PLAN- SOUTH CENTRAL
PROJECT FILE NUMBER	22-102230 CUP
bcra	
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SHEET	
L-312	
PERMIT SET	

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PLANT SCHEDULE L-313 SOUTHEAST

TREES

BOTANICAL / COMMON NAME	CALOCEDRUS DECURRENS / INCENSE CEDAR
	PICEA SITCHENSIS / SITKA SPRUCE
	POPULUS BALSAMIFERA / BALSAM POPLAR
	PSEUDOTSUGA MENZIESII / DOUGLAS FIR
	ROBINIA X AMBIGUA 'IDAHOENSIS' / IDAHO PINK LOCUST
	SALIX LUCIDA / PACIFIC WILLOW
	SALIX SITCHENSIS / SITKA WILLOW
	TSUGA HETEROPHYLLA / WESTERN HEMLOCK

SHRUBS

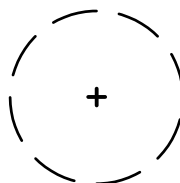
BOTANICAL / COMMON NAME	CHAMAECYPARIS OBTUSA 'NANA' / DWARF HINOKI FALSE CYPRESS MIN. 18" HT.
	CISTUS X HYBRIDUS / WHITE ROCKROSE MIN. 18" HT.
	CORNUS SERICEA / RED TWIG DOGWOOD MIN. 18" HT.
	GAULTHERIA SHALLON / SALAL MIN. 18" HT.
	LONICERA INVOLUCRATA / TWINBERRY MIN. 18" HT.
	MAHONIA AQUIFOLIUM / OREGON GRAPE MIN. 18" HT.
	NANDINA DOMESTICA 'MOON BAY' / MOON BAY HEAVENLY BAMBOO MIN. 18" HT.
	PRUNUS LAUROCERASUS 'OTTO LUYKEN' / OTTO LUYKEN ENGLISH LAUREL MIN. 18" HT.
	ROSA NUTKANA / NOOTKA ROSE MIN. 18" HT.
	ROSA NUTKANA / NOOTKA ROSE MIN. 18" HT.
	ROSA PISOCARPA / CLUSTERED WILD ROSE MIN. 18" HT.
	ROSA RUGOSA / RUGOSA ROSE MIN. 18" HT.
	RUBUS PARVIFLORUS / THIMBLEBERRY MIN. 18" HT.
	RUBUS SPECTABILIS / SALMONBERRY MIN. 18" HT.
	SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY MIN. 18" HT.

GROUND COVERS

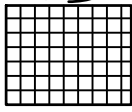
BOTANICAL / COMMON NAME	ARCTOSTAPHYLOS UVA-URSI / KINKKINICK
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY

SEE SHEET L-390 FOR OVERALL PLANT SCHEDULE AND NOTES

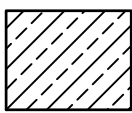
PLANT MIX SCHEDULE L-313 SOUTHEAST



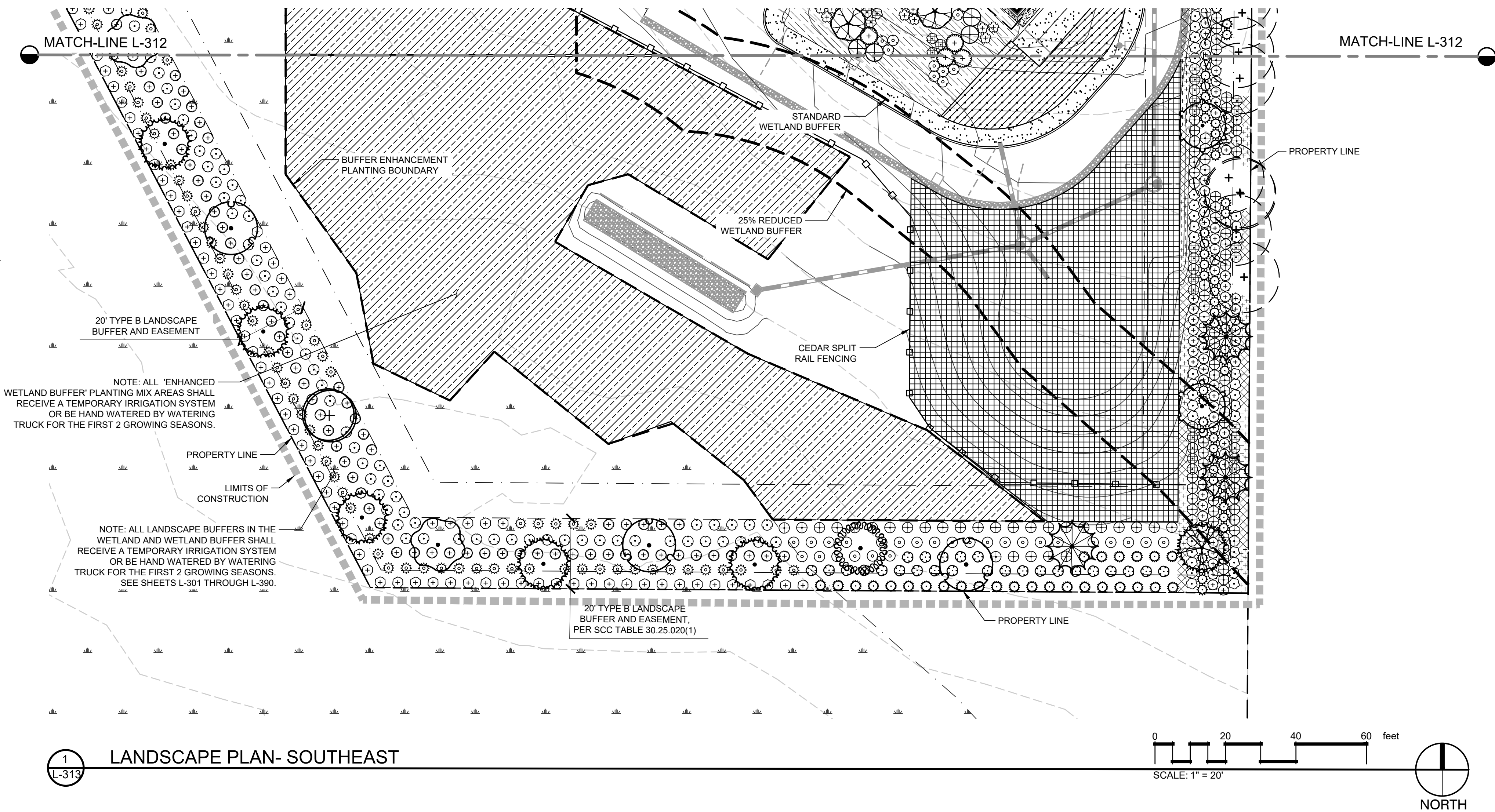
EXISTING TREE TO REMAIN
SEE MATERIALS PLANS NOTES FOR SPECIFIC TREE
PRESERVATION FENCING REQUIREMENTS.



WILD WETLAND ECONOMY MIX
APPLICATION RATE 13 LBS/ACRE
ACHILLEA MILLEFOLIUM / COMMON YARROW
ACMISPON AMERICANUS / BIRDSFOOT TREFOIL
AGROSTIS EXARATA / SPIKE BENTGRASS
ALOPECURUS GENICULATUS / WATER FOXTAIL
BECKMANNIA SYZIGACHNE / AMERICAN SLOUGH GRASS
CAMASSIA QUAMASH / SMALL CAMAS
DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS
DESCHAMPSIA ELONGATA / SLENDER HAIRGRASS
EPILOBIUM DENSIFLORUM / DENSE SPIKE ROSE
ERYOPHYLLUM LANATUM / OREGON SUNSHINE
HORDEUM BRACHYANTHERUM / MEADOW BARLEY
PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH
PRUNELLA VULGARIS / SELF-HEAL
RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP
RANUNCULUS ORTHORHYNCHUS / STRAIGHT BEAK BUTTERCUP
SANGUISORBA ANNUA / WESTERN BURNET

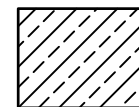


ENHANCED WETLAND BUFFER MIX
TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME
SPECIES, IN A RANDOM PATTERN. REFER TO 'WETLAND
BUFFER MITIGATION PLAN' BY WIDENER AND ASSOCIATES,
DATED MARCH 10, 2022 FOR MORE SPECIFIC PLANTING,
PERFORMANCE AND MONITORING REQUIREMENTS.
ALNUS RUBRA / RED ALDER
OEMLERIA CERASIFORMIS / OSOBERY
PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK
ROSA NUTKANA / NOOTKA ROSE
RUBUS PARVIFLORUS / THIMBLEBERRY
SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY



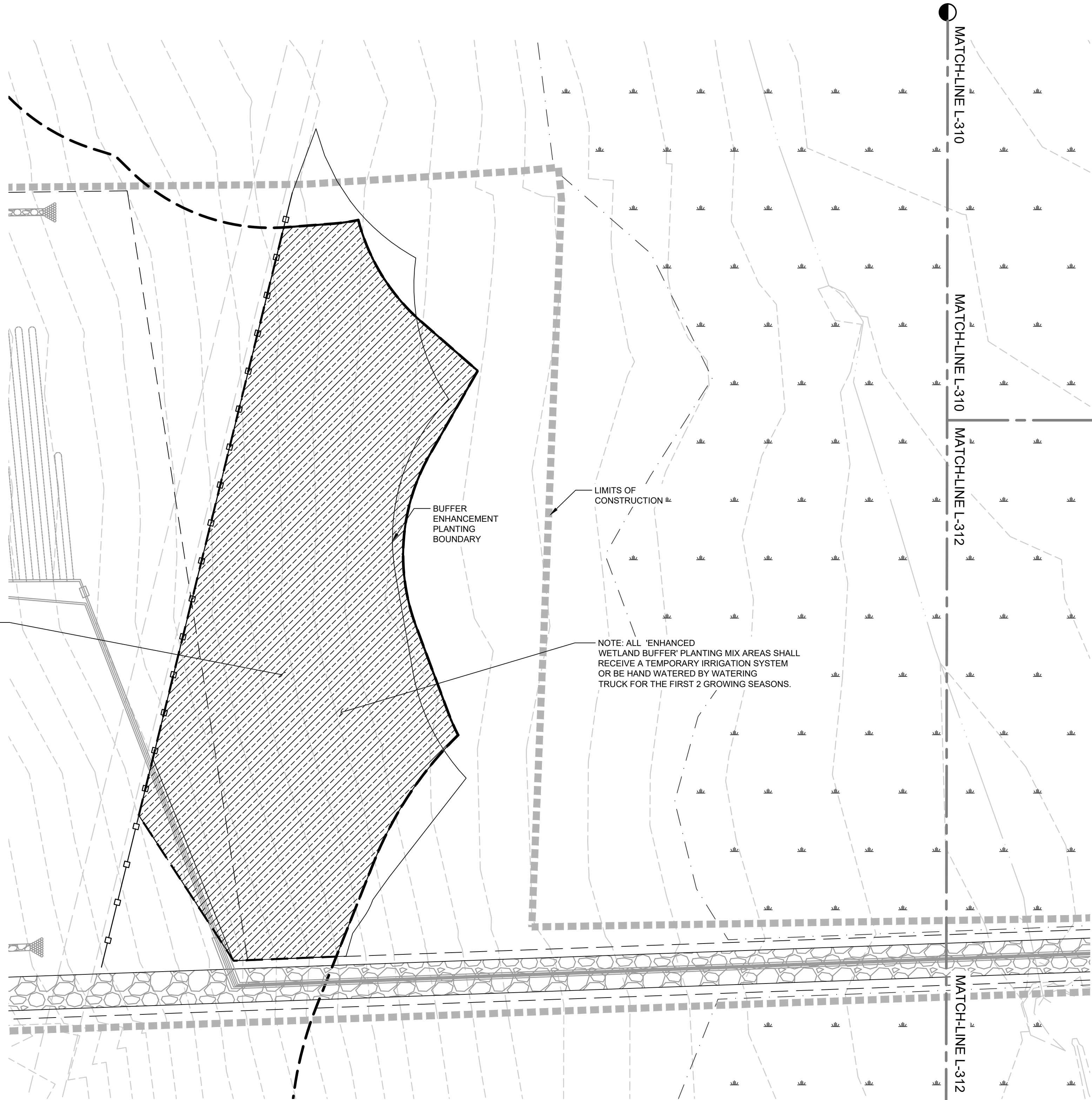
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PLANT MIX SCHEDULE L-314 WEST



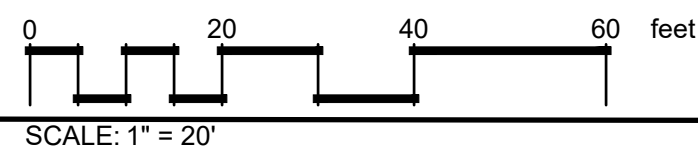
ENHANCED WETLAND BUFFER MIX
TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME
SPECIES, IN A RANDOM PATTERN. REFER TO 'WETLAND
BUFFER MITIGATION PLAN' BY WIDENER AND
ASSOCIATES, DATED MARCH 10, 2022 FOR MORE
SPECIFIC PLANTING, PERFORMANCE AND MONITORING
REQUIREMENTS.
ALNUS RUBRA / RED ALDER
OEMLERIA CERASIFORMIS / OSOBERY
PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK
ROSA NUTKANA / NOOTKA ROSE
RUBUS PARVIFLORUS / THIMBLEBERRY
SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY

SEE SHEET L-390 FOR OVERALL PLANT SCHEDULE AND NOTES

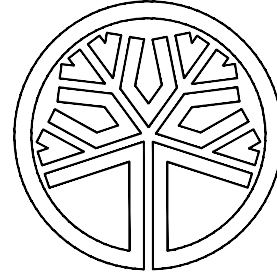


1
L-314

LANDSCAPE PLAN- WEST



SEAL



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

ERIC JOHN TREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

RESIDENT TREATMENT FACILITY NORTH

2919 60TH AVE NW
STANWOOD, WA 98292
PARCELS: 32041800100100

REVISIONS

NO.	DESCRIPTION

DATE

06/24/2022

BORA NO.

21031.00.00

DRAWN BY: MT

DESIGNED BY: ES/MT

REVIEWED BY: ES

SHEET TITLE

LANDSCAPE PLAN-
WEST

PROJECT FILE NUMBER: 22-102230 CUP



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SHEET

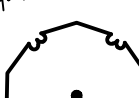
L-314

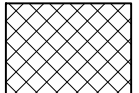
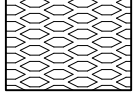
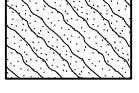
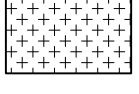
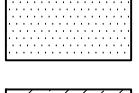
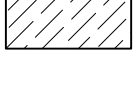
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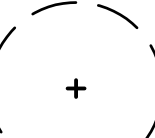
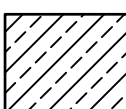
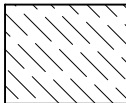
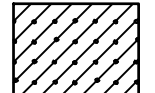
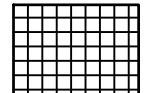
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OVERALL PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	DETAIL
	ACER CIRCINATUM / VINE MAPLE	B & B	1.5" CAL	MIN. 6' HIGH AT TIME OF PLANTING	8	6/L-501
	ACER MACROPHYLLUM / BIG LEAF MAPLE	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	1	6/L-501
	ACER PALMATUM / JAPANESE MAPLE	B & B	1.5" CAL	MIN. 6' HIGH AT TIME OF PLANTING	6	6/L-501
	CALOCEDRUS DECURRENS / INCENSE CEDAR	6" MIN. HT.		MIN. 6' HIGH AT TIME OF PLANTING	9	5/L-501
	CARPINUS BETULUS 'FASTIGIATA' / PYRAMIDAL EUROPEAN HORNBEAN	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	9	6/L-501
	PICEA SITCHENSIS / SITKA SPRUCE	6" MIN. HT.		MIN. 6' HIGH AT TIME OF PLANTING	11	5/L-501
	POPULUS BALSAMIFERA / BALSAM POPLAR	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	5	6/L-501
	PSEUDOTSUGA MENZIESII / DOUGLAS FIR	6" MIN. HT.		MIN. 6' HIGH AT TIME OF PLANTING	12	5/L-501
	ROBINIA X AMBIGUA 'IDAHOENSIS' / IDAHO PINK LOCUST	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	4	6/L-501
	SALIX LUCIDA / PACIFIC WILLOW	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	3	6/L-501
	SALIX SITCHENSIS / SITKA WILLOW	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	3	6/L-501
	TILIA CORDATA / LITTLELEAF LINDEN	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	3	6/L-501
	TSUGA HETEROPHYLLA / WESTERN HEMLOCK	6" MIN. HT.		MIN. 6' HIGH AT TIME OF PLANTING	1	5/L-501
	ZELKOVA SERRATA 'GREEN VASE' / GREEN VASE SAWLEAF ZELKOVA	B & B	2" CAL	MIN. 6' HIGH AT TIME OF PLANTING	3	6/L-501
SHRUBS	BOTANICAL / COMMON NAME	SIZE			QTY	
	ABELIA X GRANDIFLORA 'KALEIDOSCOPE' / KALEIDOSCOPE GLOSSY ABELIA MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		98	3/L-501
	BERBERIS X OTTAWENSIS 'SUPERBA' / SUPERBA BARBERRY MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		35	3/L-501
	BOUTELOUA GRACILIS 'BLONDE AMBITION' / BLONDE AMBITION BLUE GRAMA MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		54	3/L-501
	CALLUNA VULGARIS 'FIREFLY' / FIREFLY HEATHER MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		91	3/L-501
	CHAMAECYPARIS OBTUSA 'NANA' / DWARF HINOKI FALSE CYPRESS MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		32	3/L-501
	CISTUS X HYBRIDUS / WHITE ROCKROSE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		233	3/L-501
	CORNUS SERICEA / RED TWIG DOGWOOD MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		150	3/L-501
	CORNUS STOLONIFERA / RED TWIG DOGWOOD MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		46	3/L-501
	COTONEASTER LACTEUS / RED CLUSTERBERRY COTONEASTER MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		36	3/L-501
	ERICA CARNEA 'PIRBRIGHT ROSE' / PIRBRIGHT ROSE WINTER HEATH MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		18	3/L-501
	ESCALLONIA X 'COMPACTA' / COMPACT ESCALLONIA MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		51	3/L-501
	GAULTHERIA SHALLON / SALAL MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		32	3/L-501
	LONICERA INVOLUCRATA / TWINBERRY MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		154	3/L-501
	MAHONIA AQUIFOLIUM / OREGON GRAPE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		41	3/L-501
	MORELLA CALIFORNICA / CALIFORNIA WAX MYRTLE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		34	3/L-501
	NANDINA DOMESTICA 'MOON BAY' / MOON BAY HEAVENLY BAMBOO MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		159	3/L-501
	PENNISETUM ALOPECUROIDES 'HAELMN' / HAELMN FOUNTAIN GRASS MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		112	3/L-501
	PHILADELPHUS LEWISII / WILD MOCKORANGE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		36	3/L-501
	POLYSTICHUM MUNITUM / WESTERN SWORD FERN MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING		55	3/L-501

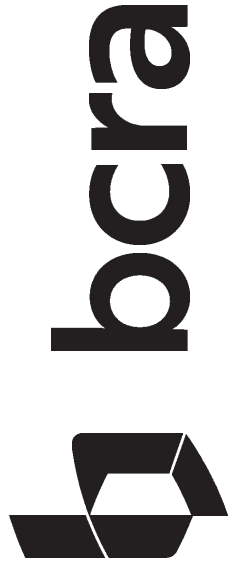
SHRUBS	BOTANICAL / COMMON NAME	SIZE	QTY	DETAIL
	PRUNUS LAUROCERASUS 'OTTO LUYKEN' / OTTO LUYKEN ENGLISH LAUREL MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 220	3/L-501
	RIBES SANGUINEUM / RED FLOWERING CURRANT MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 17	3/L-501
	ROSA NUTKANA / NOOTKA ROSE MIN. 18" HT.	3 GAL	MIN. 18" HIGH AT TIME OF PLANTING 97	3/L-501
	ROSA NUTKANA / NOOTKA ROSE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 21	3/L-501
	ROSA PISOCARPA / CLUSTERED WILD ROSE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 139	3/L-501
	ROSA RUGOSA / RUGOSA ROSE MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 84	3/L-501
	RUBUS PARVIFLORUS / THIMBLEBERRY MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 46	3/L-501
	RUBUS SPECTABILIS / SALMONBERRY MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 149	3/L-501
	SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY MIN. 18" HT.	5 GAL	MIN. 18" HIGH AT TIME OF PLANTING 36	3/L-501
GROUND COVERS	BOTANICAL / COMMON NAME	CONT	SPACING	QTY
	ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK	1 GAL	12" o.c.	1,962 SF
	CALLUNA VULGARIS 'FIREFLY' / FIREFLY HEATHER	1 GAL	24" o.c.	578 SF
	CAREX OBNUPTA / SLOUGH SEDGE	1 GAL	18" o.c.	29 SF
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY	1 GAL	12" o.c.	1,901 SF
	FRAGARIA CHILOENSIS / BEACH STRAWBERRY	1 GAL	24" o.c.	343 SF
	RUBUS CALYCINOIDES / CREEPING BRAMBLE	1 GAL	24" o.c.	521 SF

OVERALL PLANT MIX SCHEDULE

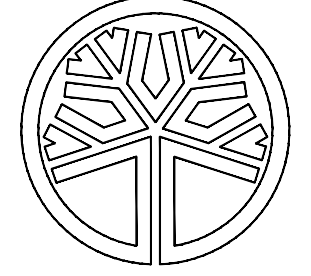
	EXISTING TREE TO REMAIN SEE MATERIALS PLANS NOTES FOR SPECIFIC TREE PRESERVATION FENCING REQUIREMENTS.	20		ENHANCED WETLAND BUFFER MIX TO BE PLANTED IN GROUPS OF 5-7 PLANTS OF THE SAME SPECIES, IN A RANDOM PATTERN. REFER TO 'WETLAND BUFFER MITIGATION PLAN' BY WIDENER AND ASSOCIATES, DATED MARCH 10, 2022 FOR MORE SPECIFIC PLANTING, PERFORMANCE AND MONITORING REQUIREMENTS.	34,315 SF					
	XERISCAPE LAWN ALTERNATIVE ACHILLEA MILLEFOLIUM / COMMON YARROW FESTUCA OVINA 'QUATRO' / QUATRO SHEEP FESCUE FESTUCA TRACHYPHYLLA / HARD FESCUE LOBULARIA MARITIMA / SWEET ALYSSUM LOLIUM PERENNE / PERENNIAL RYEGRASS TRIFOLIUM FRAGIFERUM / STRAWBERRY CLOVER TRIFOLIUM REPENS / WHITE CLOVER	53,425 SF	SEED SEED SEED SEED SEED SEED			223 335 335 446 446 446	1 GAL 1 GAL 1 GAL 1 GAL 1 GAL 1 GAL	10% @ 48" oc 15% @ 48" oc 15% @ 48" oc 20% @ 48" oc 20% @ 48" oc 20% @ 48" oc		
	NATIVE URBAN MEADOW MIX ACHILLEA MILLEFOLIUM / COMMON YARROW ALLIUM AMPLECTENS / GRACEFUL ALLIUM CAREX PACHYSTACHYA / CHAMISSO SEDGE CAREX TUMULICOLA / FOOTHILL SEDGE COLLIINSIA GRANDIFLORA / BLUE-EYED MARY DANTHONIA CALIFORNICA / CALIFORNIA OATGRASS ERIOPHYLLUM LANATUM / WOOLLY SUNFLOWER FESTUCA ROEMERI / ROEMER'S FESCUE HEUCHERA CHLORANTHA / TALL ALUMROOT LOMATIUM NUDICAULE / WILD PARSLEY LOMATIUM UTRICULATUM / BLADDER PARSNIP PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH POTENTILLA GRACILIS / SLENDER CINQUEFOIL PRUNELLA VULGARIS LANCEOLATA / LANCE SELF-HEAL RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP SIDALCEA MALVIFLORA VIRGATA / CHECKERBLOOM VIOLA PRAEMORSA / CANARY VIOLET	7,970 SF	SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED		FRAGARIA CHILOENSIS / BEACH STRAWBERRY FRAGARIA VESCA / WOODLAND STRAWBERRY MAHONIA REPENS / CREEPING MAHONIA	5,445 5,445 5,445	1 GAL 1 GAL 1 GAL	33% @ 18" oc 33% @ 18" oc 33% @ 18" oc		
	WILD WETLAND ECONOMY MIX APPLICATION RATE 13 LBS/ACRE ACHILLEA MILLEFOLIUM / COMMON YARROW ACMISPON AMERICANUS / BIRDSFOOT TREFOIL AGROSTIS EXARATA / SPIKE BENTGRASS ALOPECURUS GENICULATUS / WATER FOXTAIL BECKMANNIA SYZIGACHNE / AMERICAN SLOUGH GRASS CAMASSIA QUAMASH / SMALL CAMAS DESCHAMPSIA CESPITOSA / TUFTED HAIR GRASS DESCHAMPSIA ELONGATA / SLENDER HAIRGRASS EPILOBIUM DENSIFLORUM / DENSE SPIKE ROSE ERYOPHYLLUM LANATUM / OREGON SUNSHINE HORDEUM BRACHYANTHERUM / MEADOW BARLEY PLECTRITIS CONGESTA / SHORTSPUR SEABLUSH PRUNELLA VULGARIS / SELF-HEAL RANUNCULUS OCCIDENTALIS / WESTERN BUTTERCUP RANUNCULUS ORTHORHYNCHUS / STRAIGHT BEAK BUTTERCUP SANGUISORBA ANNUA / WESTERN BURNET	13,857 SF	SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED SEED							

PLANTING NOTES

- LANDSCAPE CONTRACTOR SHALL LOCATE ALL TREES, SHRUBS AND PLANTING BEDS ACCORDING TO LOCATIONS SHOWN ON DRAWINGS. ALL PLANTING LOCATIONS SHALL BE SUBJECT TO REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO THE START OF PLANTING OPERATIONS. LANDSCAPE CONTRACTOR SHALL MAKE MODIFICATIONS IN LOCATIONS AS DIRECTED BY LANDSCAPE ARCHITECT.
- THE PLANT SCHEDULE IS FOR CONTRACTOR'S CONVENIENCE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND REPORTING IN WRITING TO THE LANDSCAPE ARCHITECT ANY CONFLICTS RELATIVE TO IMPLEMENTATION OF THE LANDSCAPE CONSTRUCTION DOCUMENTS. BCRA SHALL NOT ASSUME ANY ERRORS OR OMISSIONS IN THE PLANT SCHEDULE LISTED HEREIN. THE PLANT SYMBOLS SHOWN ON THE LANDSCAPE PLAN SHALL PREVAIL SHOULD THERE BE ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLAN AND PLANT SCHEDULE.
- LANDSCAPE CONTRACTOR SHALL PROVIDE PLANT PROTECTION AND MAINTENANCE THROUGHOUT INSTALLATION AND UNTIL FINAL ACCEPTANCE OF LANDSCAPE INSTALLATION AS FOLLOWS:
 - ALL PLANT MATERIAL SHALL BE PROTECTED, FROM TIME OF DIGGING TO TIME OF FINAL ACCEPTANCE, FROM INJURY, EXCESSIVE DRYING FROM WINDS, IMPROPER VENTILATION, OVER-WATERING, FREEZING, HIGH TEMPERATURES, OR ANY OTHER CONDITION DAMAGING TO PLANTS. PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY IF POSSIBLE. ALL PLANTS NOT PLANTED ON THE DAY OF DELIVERY SHALL BE PLACED IN A TEMPORARY NURSERY AND KEPT MOIST, SHADED, AND PROTECTED FROM THE SUN AND WIND. EACH ROOTBALL SHALL BE COVERED ENTIRELY WITH MULCH. ALL PLANT MATERIALS SHALL BE INSTALLED PER THE PLAN DRAWINGS AND SPECIFICATIONS.
 - LANDSCAPE CONTRACTOR SHALL PROVIDE PLANT MATERIALS THAT COMPLY WITH THE REQUIREMENTS OF THE MOST RECENT ANSI Z 60.1 "STANDARDS FOR NURSERY STOCK" UNLESS OTHERWISE SPECIFIED. CALIPER OF B&B TREES SHALL BE TAKEN 6 INCHES ABOVE THE GROUND UP TO AND INCLUDING 4 INCH CALIPER SIZE, AND 12 INCHES ABOVE THE GROUND FOR LARGER SIZES.
- PLANTING MAINTENANCE SHALL INCLUDE WATERING, WEEDING, CULTIVATING, RESETTING PLANTS TO PROPER GRADES OR POSITION, RE-ESTABLISHING SETTLED GRADES. HERBICIDE IS NOT RECOMMENDED FOR ONE YEAR FOLLOWING LANDSCAPE INSTALLATION.
- PLANT MAINTENANCE SHALL INCLUDE THOSE OPERATIONS NECESSARY TO PROPER GROWTH AND SURVIVAL OF ALL PLANT MATERIALS. CONTRACTOR SHALL PROVIDE THIS WORK IN ADDITION TO SPECIFIC WARRANTY/GUARANTEES.
- CONTRACTOR SHALL VERIFY AND MAINTAIN ALL SETBACKS, CLEAR ZONES AND SIGHT TRIANGLES REQUIRED BY ALL LOCAL AND MUNICIPAL CODES WHERE APPLICABLE.
- LANDSCAPE CONTRACTOR SHALL ENSURE THAT THE LANDSCAPE INSTALLATION IS COORDINATED WITH THE PLANS PREPARED BY OTHER CONSULTANTS SO THAT THE PROPOSED GRADING, STORM DRAINAGE OR OTHER PROPOSED CONSTRUCTION DOES NOT CONFLICT WITH NOR PRECLUDE INSTALLATION AND MAINTENANCE OF LANDSCAPE ELEMENTS AS DESIGNATED ON THIS PLAN.
- ALL PLANTING AREAS ARE TO RECEIVE 2" DEPTH OF MULCH CONSISTING OF A 50% FINE BARK / 50% ORGANIC MULCH MIXTURE.



T 252.627.4587 F 252.627.4586 WWW.BCRA.COM
2103 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402



STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
Eric John Treeby
ERIC JOHN TREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

RESIDENT TREATMENT FACILITY NORTH
2819 SOUTH HAVEN RD
STANWOOD, WA 98292
PARCELS: 32041600100100

REVISIONS

DATE	06/24/2022
BCRA NO.	21031.00.00
DRAWN BY	MT
DESIGNED BY	ES/MT
REVIEWED BY	ES
SHEET TITLE	

LANDSCAPE SCHEDULE AND NOTES

PROJECT FILE NUMBER: 22-102230 CUP



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SHEET

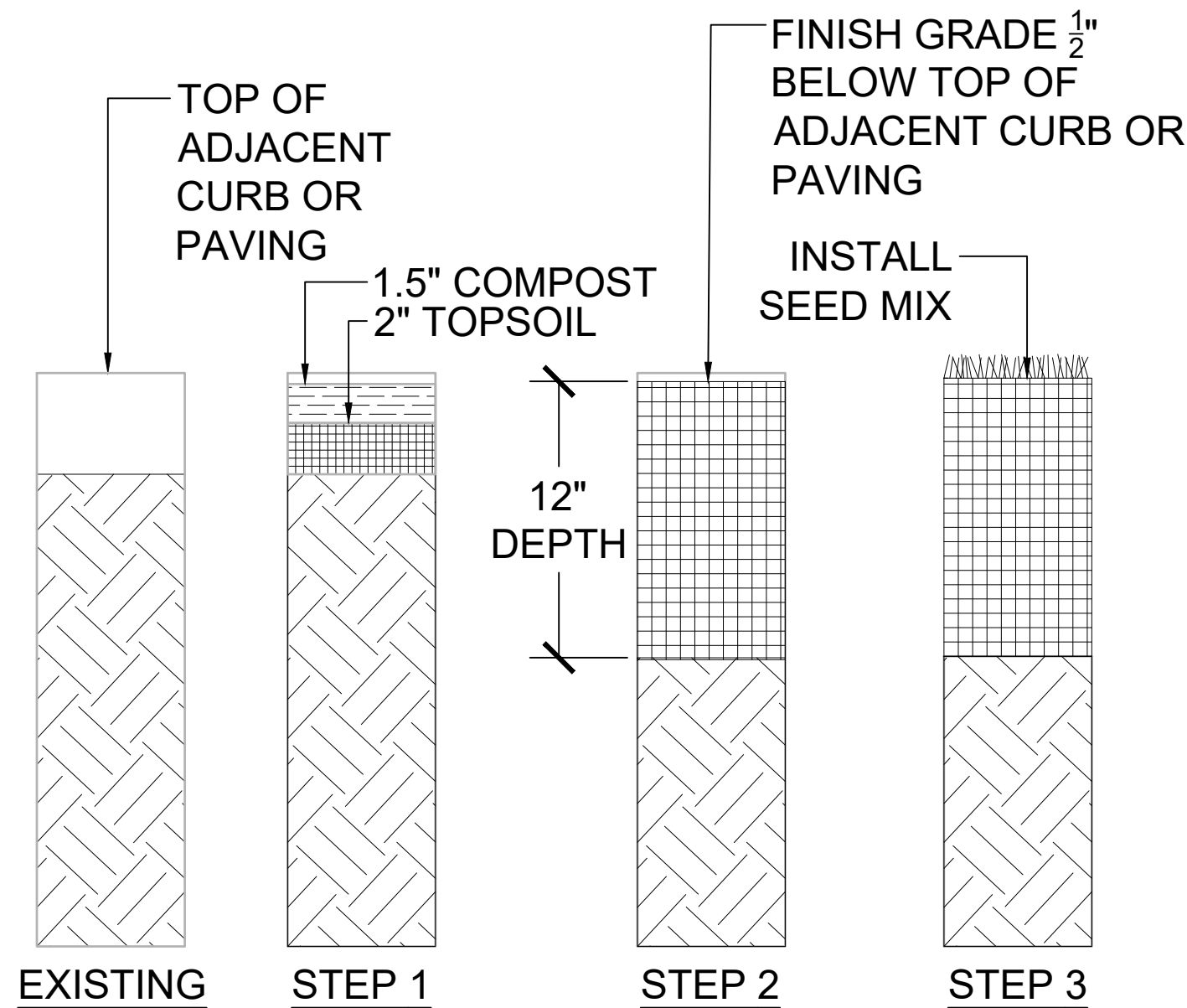
L-390

PERMIT SET

IF SHEET MEASURES LESS THAN 24"x36" IT IS A REDUCED PRINT. REDUCE SCALE ACCORDINGLY



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4 SOIL RESTORATION: TURF

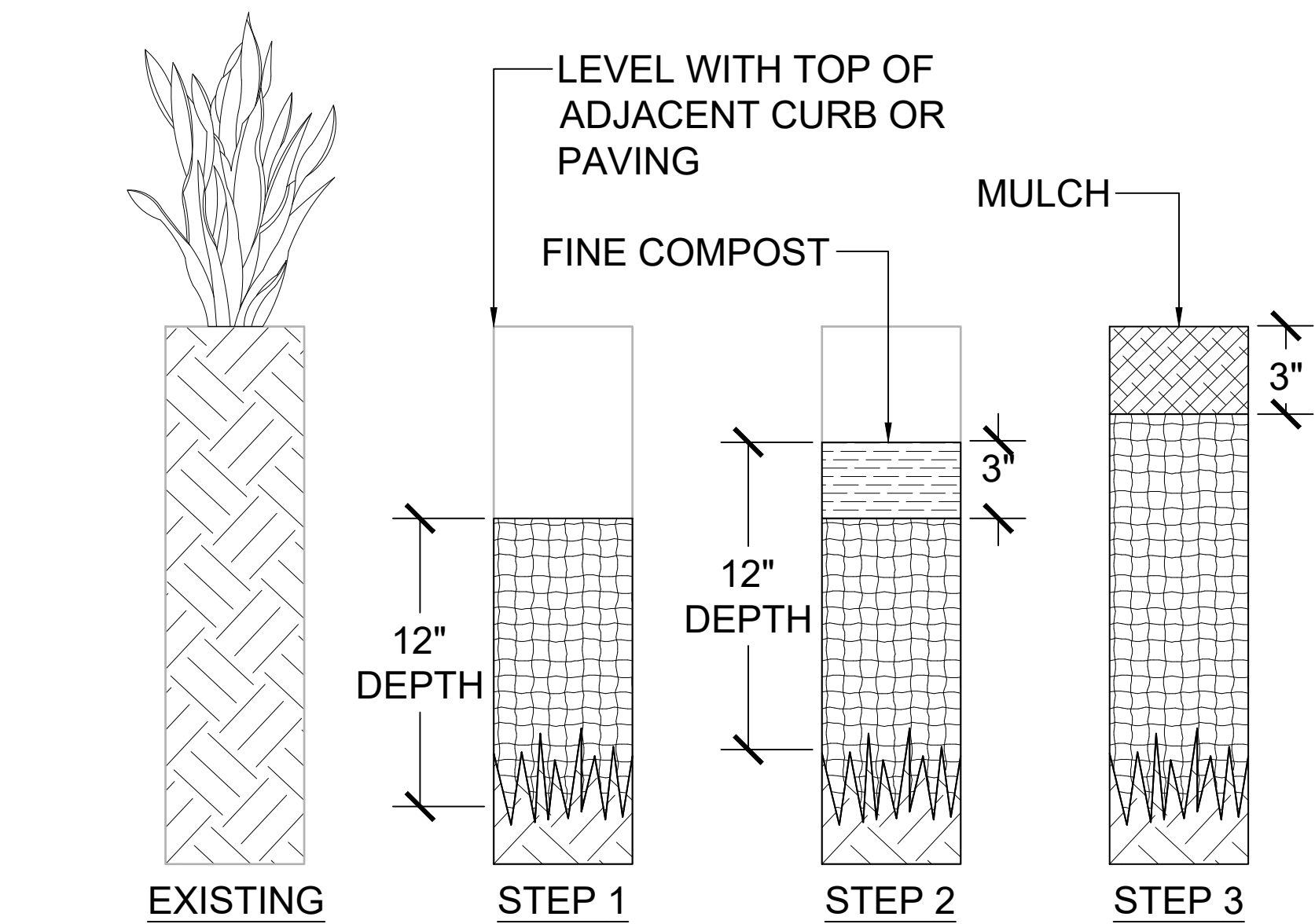
PLANTING AREA PREPARATION
PREPARE EXISTING
ADDRESS COMPACTION: COMPACTION LEVELS SHOULD BE APPROPRIATE FOR ROOT GROWTH (75-85% PROCTOR DENSITY) OR AS OTHERWISE APPROVED BY ENGINEER. DRAINAGE RATE SHALL BE BETWEEN 1-5 INCHES PER HOUR OR AS OTHERWISE APPROVED BY THE ENGINEER. WORK WITHIN EXISTING ROOT ZONES SHALL BE DONE BY HAND.

STEP 1
PLACE TWO (2) INCH LAYER OF TOPSOIL. PLACE TWO (2) INCH LAYER OF SAND.

STEP 2
INCORPORATE TO A TWELVE (12) INCH DEPTH. APPLY MINERAL AMENDMENTS AND FERTILIZER, IF USING.

STEP 3
INSTALL SEED MIX PER SPECIFICATIONS OR HYDROSEED PER SEED SUPPLIER INSTRUCTIONS.

P-HE-RTF-05



1 SOIL PREPARATION: MIXED PLANTING

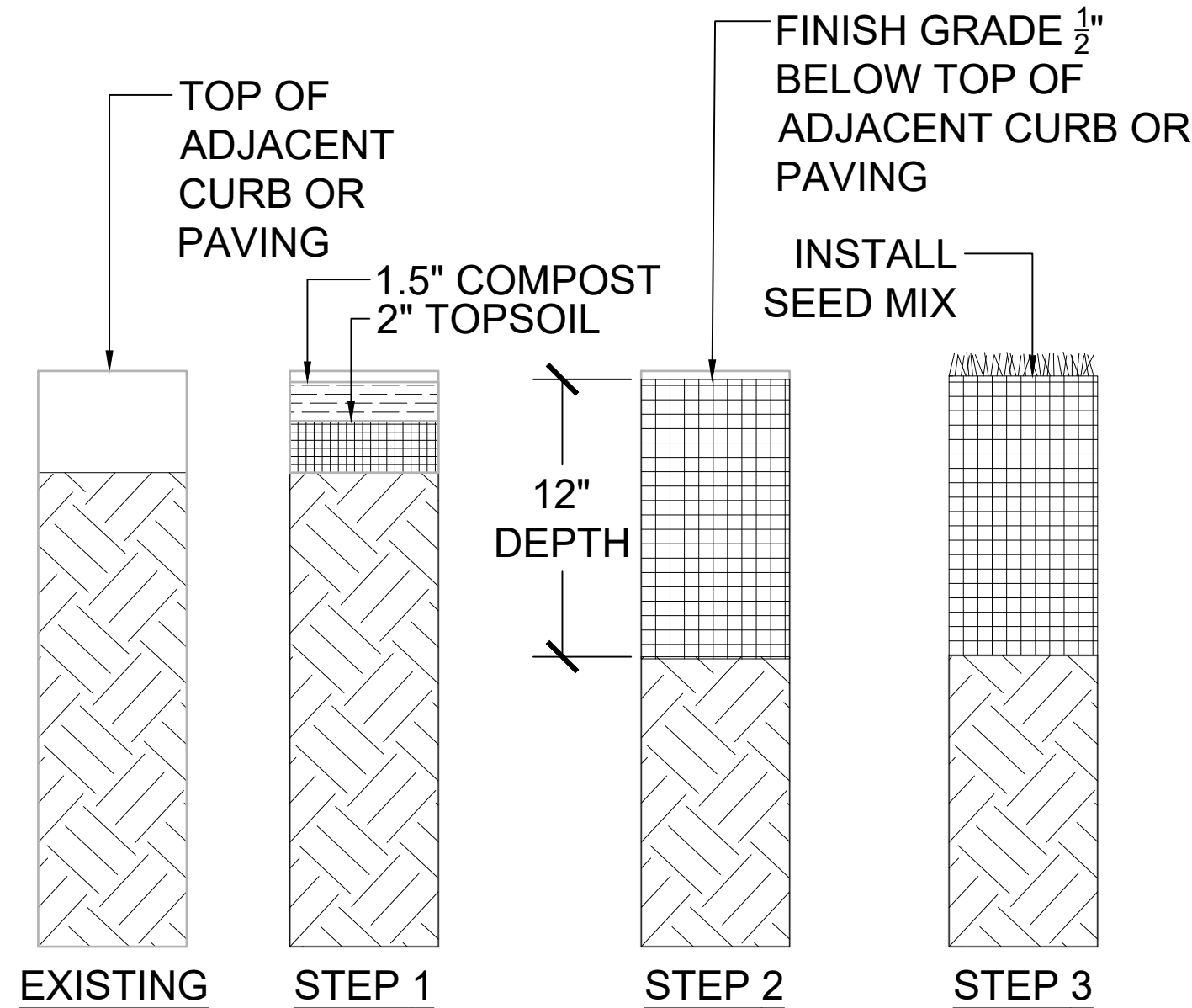
PLANTING AREA PREPARATION

STEP 1
DECOMPACT/SCARIFY TO A MIN TWELVE (12) INCH DEPTH.

STEP 2
PLACE THREE (3) INCH LAYER OF FINE COMPOST AND INCORPORATE TO TWELVE (12) INCH TOTAL DEPTH.

STEP 3
PLACE THREE (3) INCH MULCH LAYER AND INSTALL PLANTS. (SEE PLANTING DETAIL)

P-HE-RTF-01



2 SOIL RESTORATION: SEEDED MEADOW

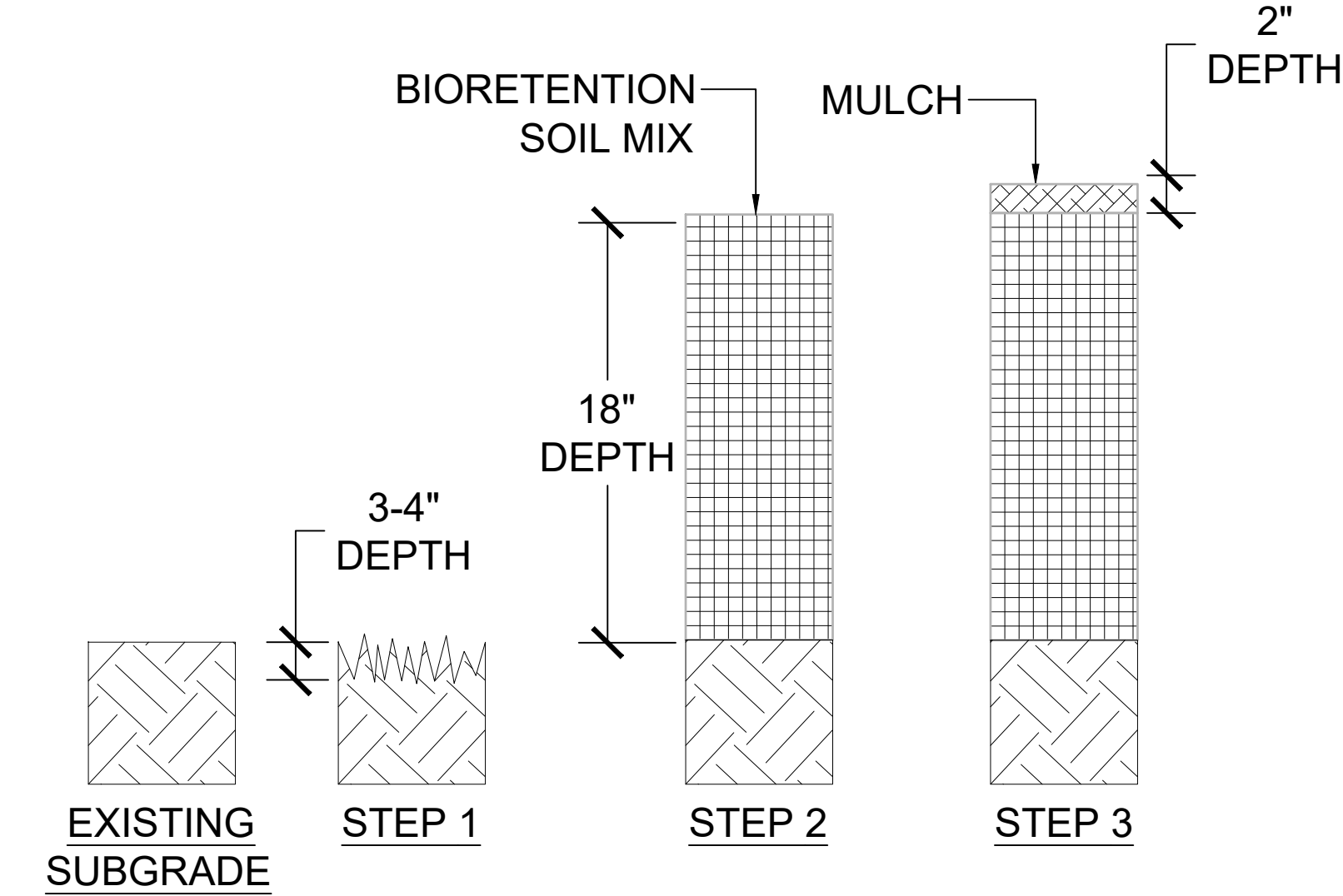
PLANTING AREA PREPARATION
PREPARE EXISTING
ADDRESS COMPACTION: COMPACTION LEVELS SHOULD BE APPROPRIATE FOR ROOT GROWTH (75-85% PROCTOR DENSITY) OR AS OTHERWISE APPROVED BY ENGINEER. DRAINAGE RATE SHALL BE BETWEEN 1-5 INCHES PER HOUR OR AS OTHERWISE APPROVED BY THE ENGINEER. WORK WITHIN EXISTING ROOT ZONES SHALL BE DONE BY HAND.

STEP 1
PLACE TWO (2) INCH LAYER OF TOPSOIL. PLACE ONE AND A HALF (1.5") INCH LAYER OF COMPOST.

STEP 2
INCORPORATE TO A TWELVE (12) INCH DEPTH.

STEP 3
INSTALL SEED MIX PER SPECIFICATIONS AND SEED SUPPLIER INSTRUCTIONS.

P-HE-RTF-02



3 SOIL RESTORATION: BIORETENTION

PLANTING AREA PREPARATION

STEP 1
SCARIFY OR OTHERWISE DECOMPACT PER ENGINEER SEQUENCE. PERFORM DRAINAGE TESTING AND CONFIRM RATE AS SPECIFIES IN CIVIL DOCUMENTS.

STEP 2
PLACE EIGHTEEN (18) INCH DEPTH OF BIORETENTION SOIL MIX OR AS DIRECTED BY CIVIL ENGINEER AFTER DRAINAGE TESTING.

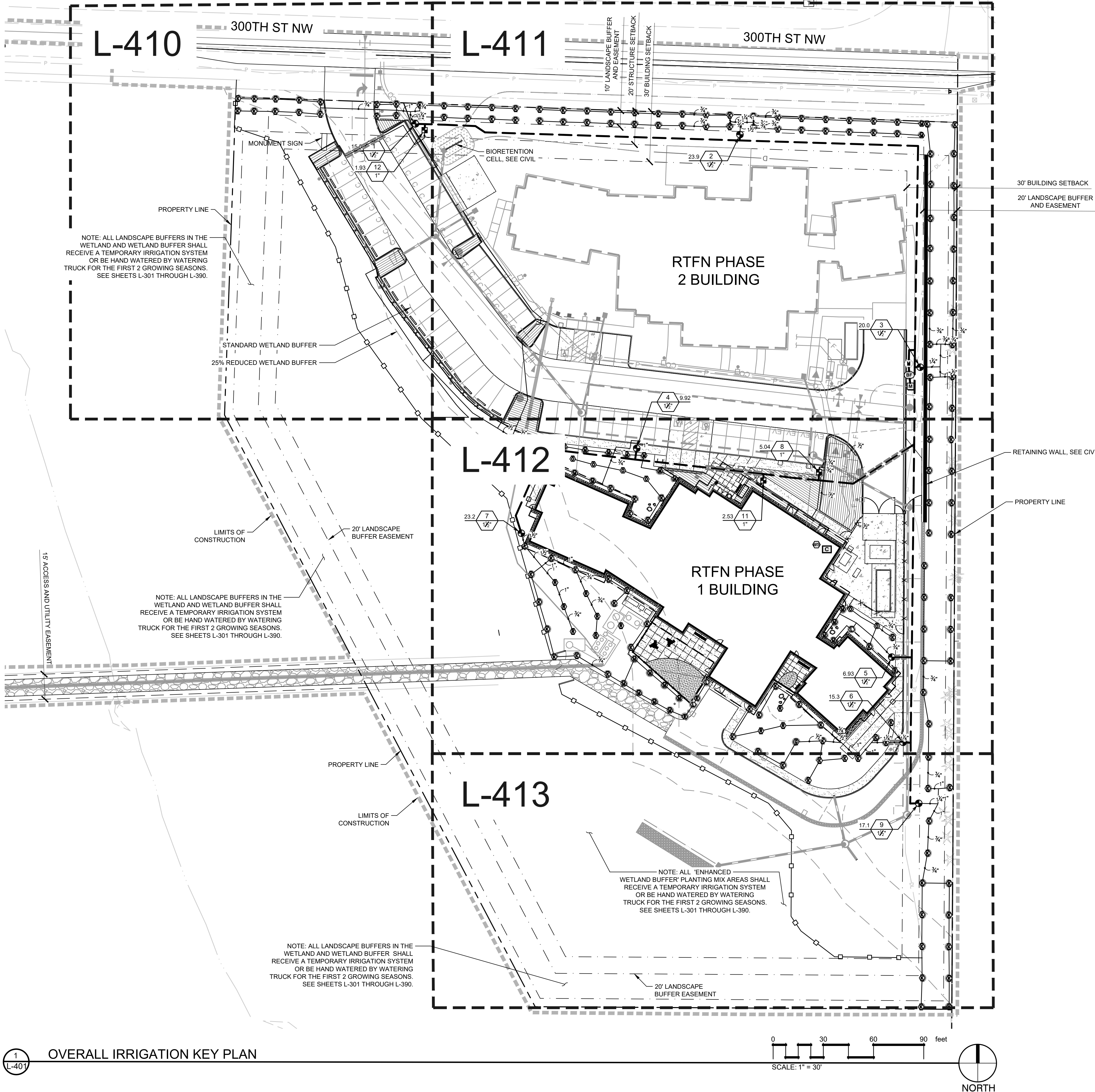
STEP 3
INSTALL MULCH LAYER TWO (2) INCHES DEEP AND INSTALL PLANTS. (SEE PLANTING DETAIL).

P-HE-RTF-03

SITE PREPARATION NOTES

1. REFER TO L-391 FOR SITE PREPARATION PLAN.
2. A SOIL TEST IS REQUIRED PRIOR TO REUSE OF EXISTING SOILS. SOIL TESTS SHALL BE COMPLETED PRIOR TO SOIL PREPARATION WORK. PRESCRIPTIONS FOR SOIL AMENDMENT MAY VARY IN RESPONSE TO SOIL TEST RESULTS; COORDINATE WITH LANDSCAPE ARCHITECT AFTER SUBMITTAL OF SOIL TEST RESULTS AND PRIOR TO START OF SOIL PREPARATION WORK.

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OVERALL IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
	HUNTER MP1000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOODGARD, RECLAIMED BODY CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE, LST-HVORY LEFT STRIP, SST-BROWN SIDE STRIP, RST-COPPER RIGHT STRIP ON PRS40 BODY.	6	40	1/L-510
	HUNTER MP1000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH CHECK VALVE, FLOODGARD, PURPLE CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE, M-MAROON ADJ ARC 80 TO 210, L-LIGHT BLUE 210 TO 270 ARC, O-OLIVE 360 ARC ON PRS40 BODY.	30	40	1/L-510
	HUNTER MP2000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOODGARD, RECLAIMED BODY CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE, K-BLACK ADJ ARC 80-210, G-GREEN ADJ ARC 210-270, R-RED 360 ARC ON PRS40 BODY.	156	40	1/L-510
	HUNTER MP3000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOODGARD, RECLAIMED BODY CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE, B-BLUE ADJ ARC 80-210, Y-YELLOW ADJ ARC 210-270, A-GRAY 360 ARC ON PRS40 BODY.	1	40	1/L-510

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	HUNTER ICZ-101-40-LF-R DRAIN CONTROL ZONE KIT, 1" ICV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM, PRESSURE REGULATION, 40PSI, FLOW RANGE: 5-15 GPM, 150 MESH STAINLESS STEEL SCREEN, RECLAIMED PURPLE F FILTER COVER.	4	
	HUNTER HDL-06-18-R (3) HDL-06-18-R HUNTER DRIPLINE WITH 0.6 GPH FLOW, LIGHT BROWN TUBING WITH PURPLE STRIPING, EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN, INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS.	2,431 L.F.	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	HUNTER ICV-G 1" 1-1/2", 2" AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	8	12/L-510
	HUNTER BV-1-1/2" 1" 1-1/2", 2" AND 3" BRASS ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.	1	6/L-510
	FESCO 850 1-1/2" DOUBLE CHECK BACKFLOW PREVENTION, 1/2" TO 2"	1	6/L-510
	HUNTER A2C-750-P 75-STATION DECODER CONTROLLER IN AN OUTDOOR PLASTIC WALL MOUNT ENCLOSURE.	1	2/L-510
	HUNTER MWS WEATHER STATION WITH RAIN SENSOR, WIND SENSOR, 120 VAC, 5 AMP, 5 YEAR WARRANTY.	1	
	WATER METER 1-1/2"	1	

	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	3,800 L.F.	5/L-510
	IRRIGATION MAINLINE: PVC SCHEDULE 80	1,077 L.F.	5/L-510
	PIPE SLEEVE: PVC SCHEDULE 80	103.0 L.F.	4/L-510

Valve	Valve Number	Valve Size

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	DESIGN PSI	PSI	PSI @ POC	PRECIP
1	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	15.51	584.7	40	45.88	58.66	0.47 in/h
2	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	23.90	393.2	40	45.88	58.66	0.47 in/h
3	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	20.04	154.1	40	45.88	58.66	0.47 in/h
4	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	9.92	178.4	40	45.88	58.66	0.47 in/h
5	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	6.93	244.0	40	45.88	58.66	0.47 in/h
6	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	15.26	287.8	40	45.88	58.66	0.47 in/h
7	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	23.25	280.5	40	45.88	58.66	0.47 in/h
8	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	5.04	66.2	40	45.88	58.66	0.47 in/h
9	HUNTER ICV-G	1-1/2"	SHRUB ROTARY	17.06	324.6	40	45.88	58.66	0.47 in/h
10	HUNTER ICZ-101-40-LF-R	1"	AREA FOR DRIPLINE	5.06	251.8	40	45.88	58.66	0.47 in/h
11	HUNTER ICZ-101-40-LF-R	1"	AREA FOR DRIPLINE	2.53	98.4	40	45.88	58.66	0.47 in/h
12	HUNTER ICZ-101-40-LF-R	1"	AREA FOR DRIPLINE	1.93	582.6	40	45.88	58.66	0.47 in/h
	Common Wire				1,107				

IRRIGATION NOTES

- THE CONTRACTOR IS TO INSTALL AN AUTOMATIC IRRIGATION SYSTEM THAT WILL PROVIDE 100% COVERAGE FOR ALL LANDSCAPED AREAS.
- REFER TO SPECIFICATIONS AND DETAILS FOR INSTALLATION INSTRUCTIONS.
- MEET ALL APPLICABLE LOCAL AND MUNICIPAL CODES FOR WORK NECESSARY IN IRRIGATION SYSTEM INSTALLATION.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL LICENSES, PERMITS, AND USE/SALES TAXES APPLICABLE TO THIS PROJECT.
- VERIFY ALL SITE INFORMATION PRIOR TO CONSTRUCTION. NOTIFY OWNER/LANDSCAPE ARCHITECT OF ANY DISCREPANCIES FROM PREPARED IRRIGATION PLANS.
- LOCATE ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UNDERGROUND UTILITIES CAUSED BY INSTALLATION OF IRRIGATION SYSTEM.
- CONTRACTOR IS TO REFER TO AND COORDINATE IRRIGATION SYSTEM INSTALLATION WITH LANDSCAPE PLANS. AVOID CONFLICTING LOCATIONS BETWEEN PIPING AND LANDSCAPE MATERIAL, EDGING, ETC.
- TAP LOCATION ON PLAN IS SCHEMATIC. CONTRACTOR IS TO VERIFY LOCATION AND COORDINATE WITH OWNER AND ALL OTHER DISCIPLINES.
- CONTRACTOR IS TO PROVIDE ALL NECESSARY PIPE, VALVES, ETC. DOWNSTREAM FROM POINT OF CONNECTION NOT INSTALLED BY OTHER DISCIPLINES.
- CONTRACTOR IS TO VERIFY AVAILABLE PRESSURE AND FLOW AT POINT OF CONNECTION PRIOR TO INSTALLATION OF IRRIGATION SYSTEM EQUIPMENT AND NOTIFY LANDSCAPE ARCHITECT WITH VERIFICATION FIGURES. FAILURE TO NOTIFY LANDSCAPE ARCHITECT WILL RESULT IN CONTRACTOR TAKING RESPONSIBILITY FOR ANY ALTERATIONS TO THE PLAN DUE TO VARIATIONS OF PRESSURE OR FLOW AT HIS/HER OWN RISK.
- INSTALL MANUAL DRAIN VALVES AT ALL LOW POINTS TO ALLOW FOR SYSTEM WINTERIZATION.
- CONTRACTOR TO COORDINATE INSTALLATION OF SLEEVING WITH BUILDING CONSTRUCTION AND INSTALLATION OF PAVING AND SIDEWALKS. ALL SLEEVING UNDER PAVED SURFACES SHOWN ON PLANS IS BY CONTRACTOR UNLESS OTHERWISE NOTED. ALL MAIN LINES, LATERAL LINES, DRIPLINES AND CONTROL WIRES UNDER PAVED SURFACES ARE TO BE INSTALLED IN SLEEVING. INSTALL SLEEVING AS PER DETAIL AND SPECIFICATIONS. ALL SLEEVING TO BE TWICE THE SIZE OF PIPING ROUTED THROUGH SLEEVE.
- ALL PIPING, PVC ELECTRICAL SLEEVES, ETC. UNDER PAVING SHALL BE INSTALLED PRIOR TO PAVING WORK. NO TEES, ELLS OR OTHER TURNS IN PIPING SHALL BE LOCATED UNDER PAVING EXCEPT WHERE SHOWN ON DRAWINGS. CAP ALL ENDS HAND TIGHT PRIOR TO BACKFILL. USE PVC SCHEDULE 40 PIPE FOR ALL NON-PRESSURE LATERAL LINE PIPING INSTALLED UNDER PAVED AREAS.
- CONTRACTOR IS TO PROVIDE ELECTRICAL POWER TO THE AUTOMATIC CONTROLLER. COORDINATE LOCATION WITH OWNER/LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL EXTEND SPARE CONTROL WIRES FROM EACH CONTROLLER TO THE END OF THE MAINLINE SERVING THAT CONTROLLER. SEE DETAILS AND SPECIFICATIONS FOR NUMBER OF SPARE WIRES AND INSTALLATION REQ.
- INSTALL ALL MATERIALS AND EQUIPMENT AS SHOWN IN DETAILS. USE TEFLON TAPE OR TEFLON PIPE DOPE ON ALL MALE PIPE THREADS ON ALL IRRIGATION SWING JOINT AND VALVE ASSEMBLIES.
- ALL TRENCHES TO BE COMPACTED TO THE SAME DENSITY AS THE UNDISTURBED ADJACENT SOIL.
- CONTRACTOR TO PERFORM IRRIGATION AUDIT FOR IRRIGATION ZONES AS PART OF FINAL IRRIGATION ACCEPTANCE.
- IT IS THE INTENT OF THIS DESIGN THAT ALL IRRIGATION EQUIPMENT BE INSTALLED IN LANDSCAPED AREAS AND WITHIN THE PROPERTY LIMITS. ANY EQUIPMENT SHOWN OUTSIDE OF THESE LIMITS IS SHOWN IN THAT LOCATION FOR GRAPHICAL CLARITY ONLY. ALL VALVE BOXES SHALL BE INSTALLED A MINIMUM OF 2'-0" FROM EDGE OF ANY PAVED SURFACES, AND A MINIMUM OF 3'-0" FROM THE CENTERLINE OF ANY DRAINAGE SWALES.
- IF PROPOSED IRRIGATION SYSTEM IS CONNECTING TO AN EXISTING SYSTEM, CONTRACTOR IS RESPONSIBLE FOR TESTING AND VERIFYING BOTH EXISTING AND NEW IRRIGATION SYSTEMS PROVIDE 100% COVERAGE.

CRITICAL ANALYSIS

Generated:	2022-05-06 13:57
P.O.C. NUMBER: 01	
Water Source Information:	
Flow Available:	1.12"
Water Meter Size:	75 GPM
Pressure Available:	
Static Pressure at POC:	60.00 PSI
Elevation Change:	5.00 R
Service Line Size:	2"
Length of Service Line:	20 ft
Pressure Available:	58.00 psi
DESIGN ANALYSIS	
Maximum Station Flow:	23.9 GPM
Flow Available at POC:	75 GPM
Residual Flow Available:	51.1 GPM
Critical Station:	2
Design Pressure:	40 PSI
Friction Loss:	3.98 PSI
Fittings Loss:	0.4 PSI
Elevation Loss:	0 PSI
Loss through Valve:	1.5 PSI
Pressure Req. at Critical Station:	45.88 PSI
Loss for Fittings:	0.14 PSI
Loss for Main Line:	1.45 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	0.5 PSI
Loss for Master Valve:	1.5 PSI
Loss for Water Meter:	1.19 PSI
Critical Station Pressure at POC:	56.66 PSI
Pressure Available:	58 PSI
Residual Pressure Available:	1.34 PSI

bcra

STATE OF WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

ERIC JOHN STREEBY

LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

REVISIONS

DATE: 06/24/2022

BCRA NO. 21031.00.00

DRAWN BY: MT DESIGNED BY: ES/MT

REVIEWED BY: ES

SHEET TITLE

OVERALL SCHEMATIC IRRIGATION KEY PLAN

PROJECT FILE NUMBER: 22-102230.CUP

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SHEET

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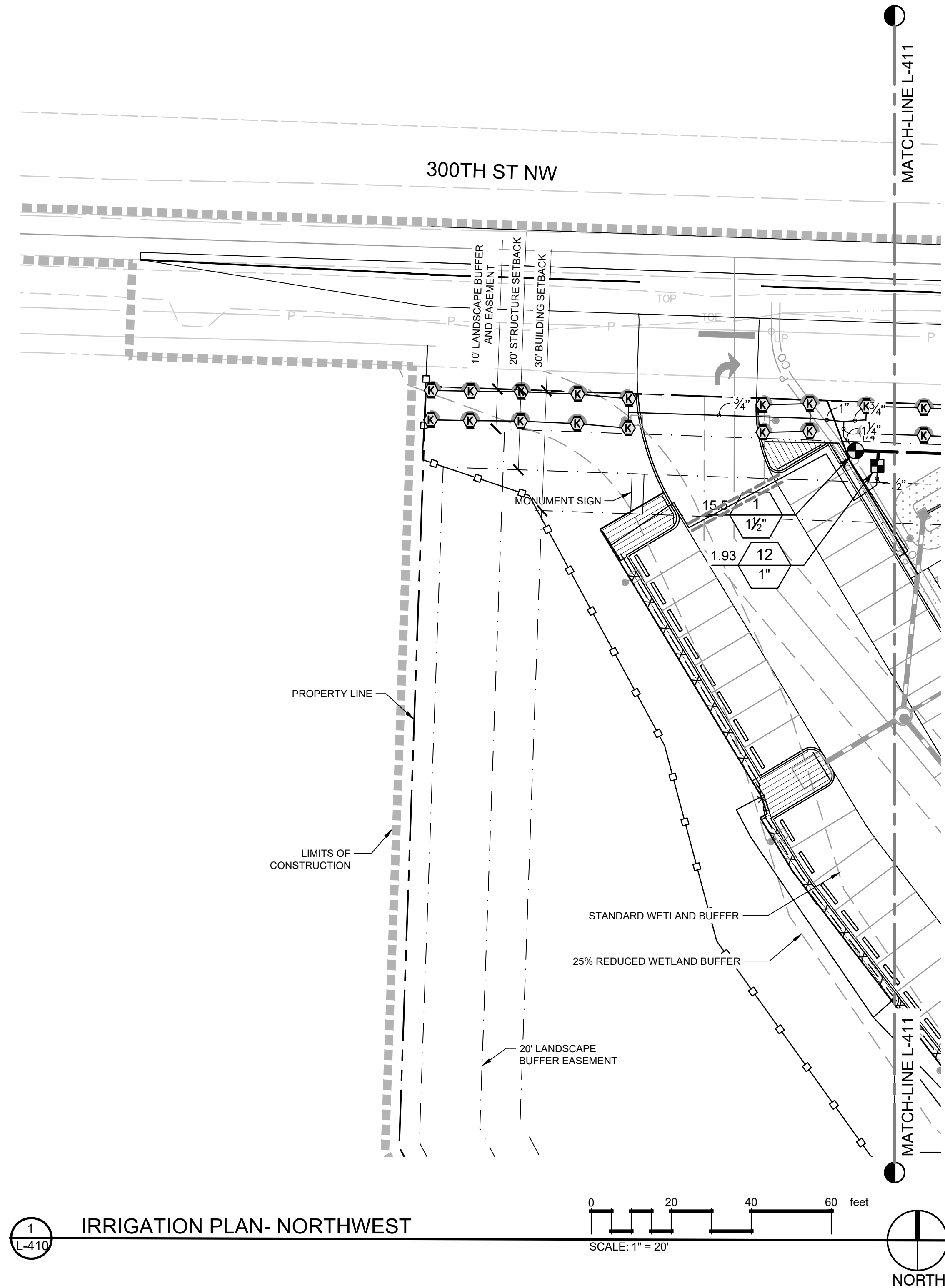
L-401

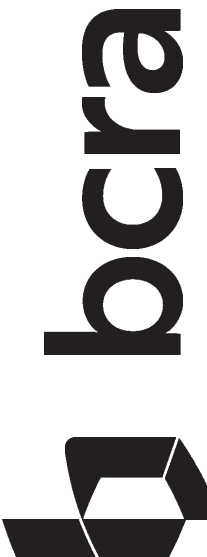
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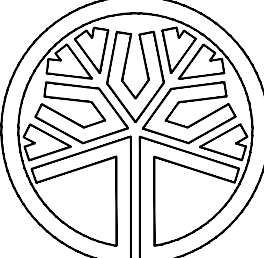
IRRIGATION SCHEDULE L-410 NORTHWEST

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER MP2000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOGUARD, RECLAIMED BODY CAP. PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC ON PRS40 BODY.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICZ-101-40-LF-R DRIP CONTROL ZONE KIT. 1" ICV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 40PSI. FLOW RANGE: 5-15 GPM. 150 MESH STAINLESS STEEL SCREEN. RECLAIMED PURPLE FILTER COVER.
	AREA TO RECEIVE DRIPLINE HUNTER HDL-06-18-R (3) HDL-06-18-R: HUNTER DRIPLINE WITH 0.6 GPH FLOW. LIGHT BROWN TUBING WITH PURPLE STRIPING. EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER ICV-G 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES. GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 80
	PIPE SLEEVE: PVC SCHEDULE 80
	Valve Callout Valve Number Valve Flow Valve Size





T 252.627.4587 F 252.627.4586 WWW.BCRADSGN.COM
2100 PACIFIC AVENUE, SUITE 300, TACOMA, WA 98402



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT
Eric John Streeby
ERIC JOHN STREEBY
LICENSE NO. 1436
EXPIRES ON 01/24/2024

PROJECT

RESIDENT TREATMENT FACILITY NORTH
2919 86TH AVE NW
SPOKANE, WA 99202
PARCELS: 32041800100100

REVISIONS

DATE:
06/24/2022

BCRA NO.
21031.00.00

DRAWN BY: MT DESIGNED BY: ES/MT

REVIEWED BY: ES

SHEET TITLE

SCHEMATIC IRRIGATION PLAN- NORTHWEST

PROJECT FILE NUMBER: 22-102230 CUP



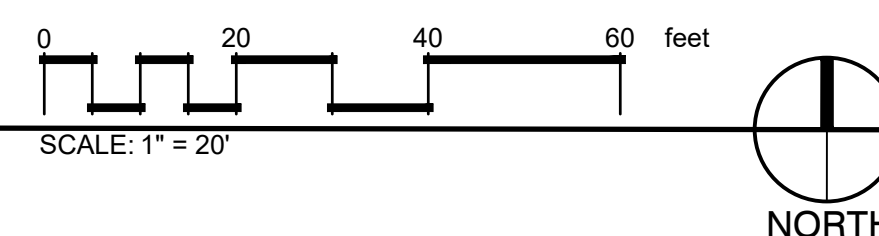
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SHEET

L-410

PERMIT SET

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER MP1000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH CHECK VALVE, FLOGUARD, PURPLE CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC ON PRS40 BODY.
	HUNTER MP2000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOGUARD, RECLAIMED BODY CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC ON PRS40 BODY.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	AREA TO RECEIVE DRIPLINE HUNTER HDL-06-18-R (3) HDL-06-18-R: HUNTER DRIPLINE WITH 0.6 GPH FLOW. LIGHT BROWN TUBING WITH PURPLE STRIPE. EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. INSTALL WITH HUNTER PLD BARBED OR PLD-LOC FITTINGS.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER IGV-3 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.
	HUNTER IBV 1-1/2" 1", 1-1/2", 2", AND 3" BRASS ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.
	FEBCO 850 1-1/2" DOUBLE CHECK BACKFLOW PREVENTION, 1/2" TO 2"
	WATER METER 1-1/2"
-----	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
-----	IRRIGATION MAINLINE: PVC SCHEDULE 80
	Valve Callout Valve Number Valve Flow Valve Size



PROJECT _____

RESIDENT TREATMENT FACILITY NORTH

29919 80TH AVE NW
STANWOOD, WA 98292
PARCELS: 32041600100100

[illegible]

PROJECT FILE NUMBER: 22-102230 CU

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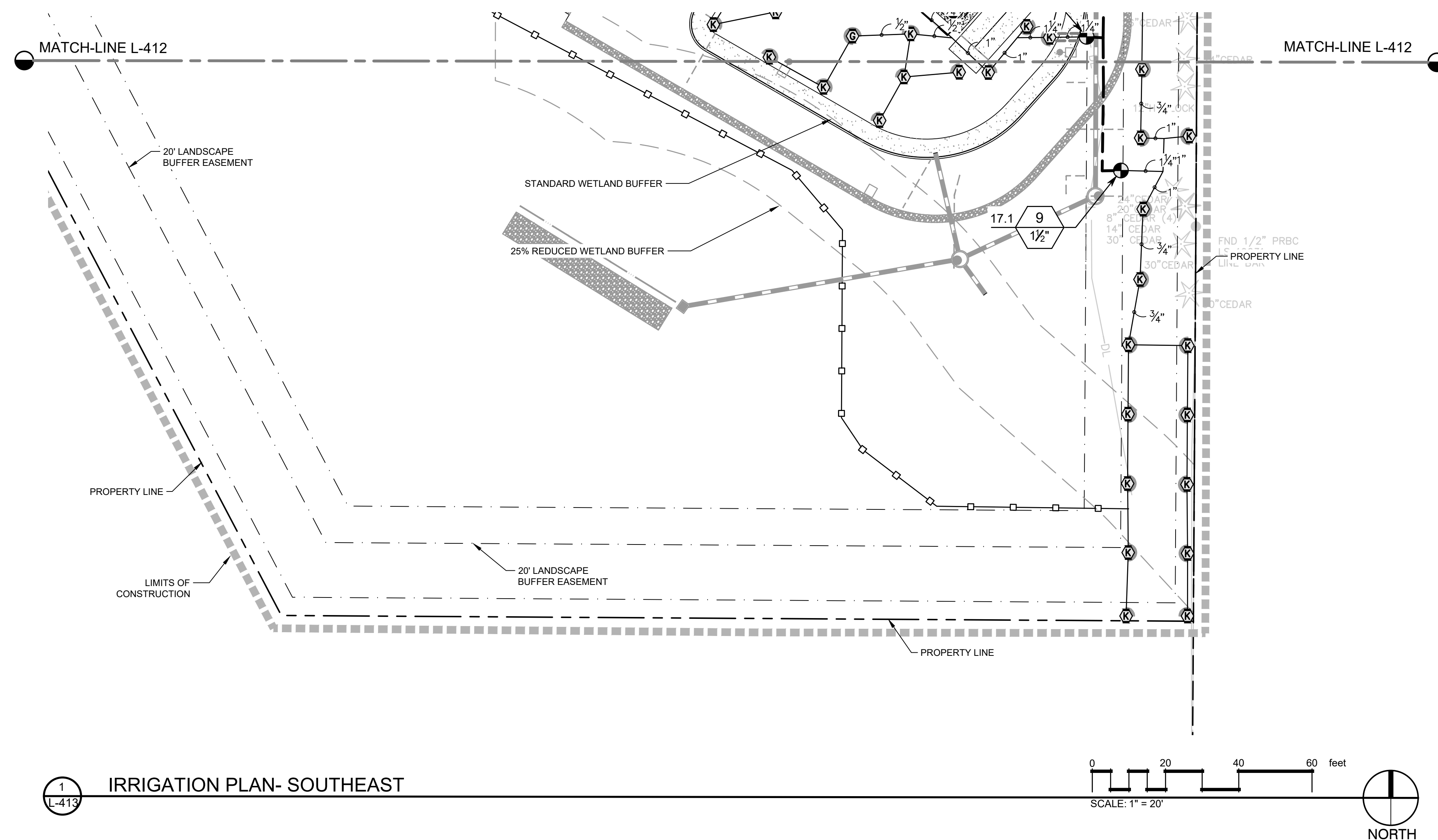
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SHEET

L-411

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<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>
	HUNTER MP2000 PROS-12-PRS40-CV-F-R SHRUB ROTATOR, 12" POP-UP WITH FACTORY INSTALLED CHECK VALVE, FLOUGUARD, RECLAIMED BODY CAP, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC ON PRS40 BODY.
<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>
	HUNTER ICG-V 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION MAINLINE: PVC SCHEDULE 80

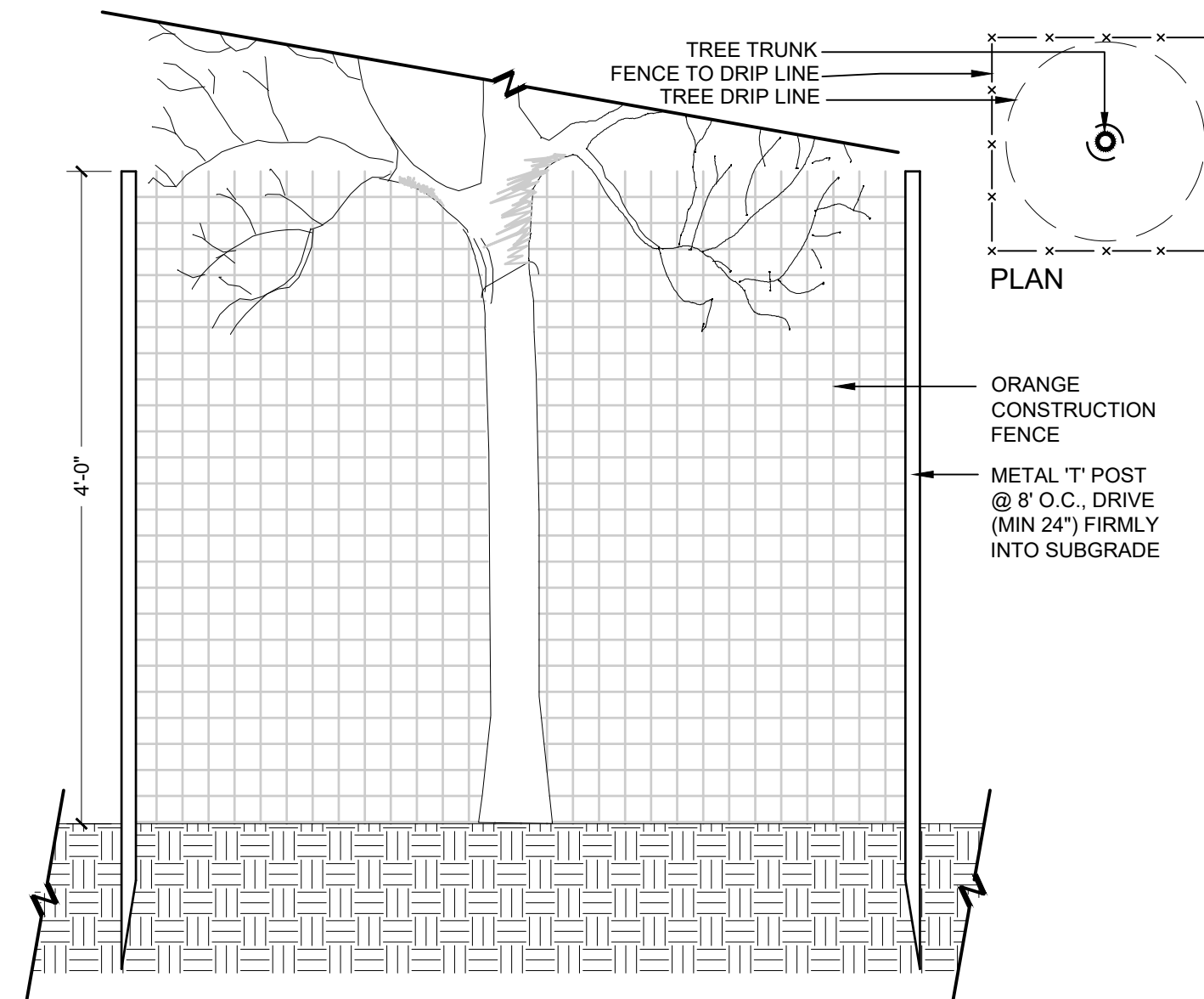


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12 SYNTHETIC TURF CURB

NTS

P-HE-RTF-10



11 TREE PROTECTION

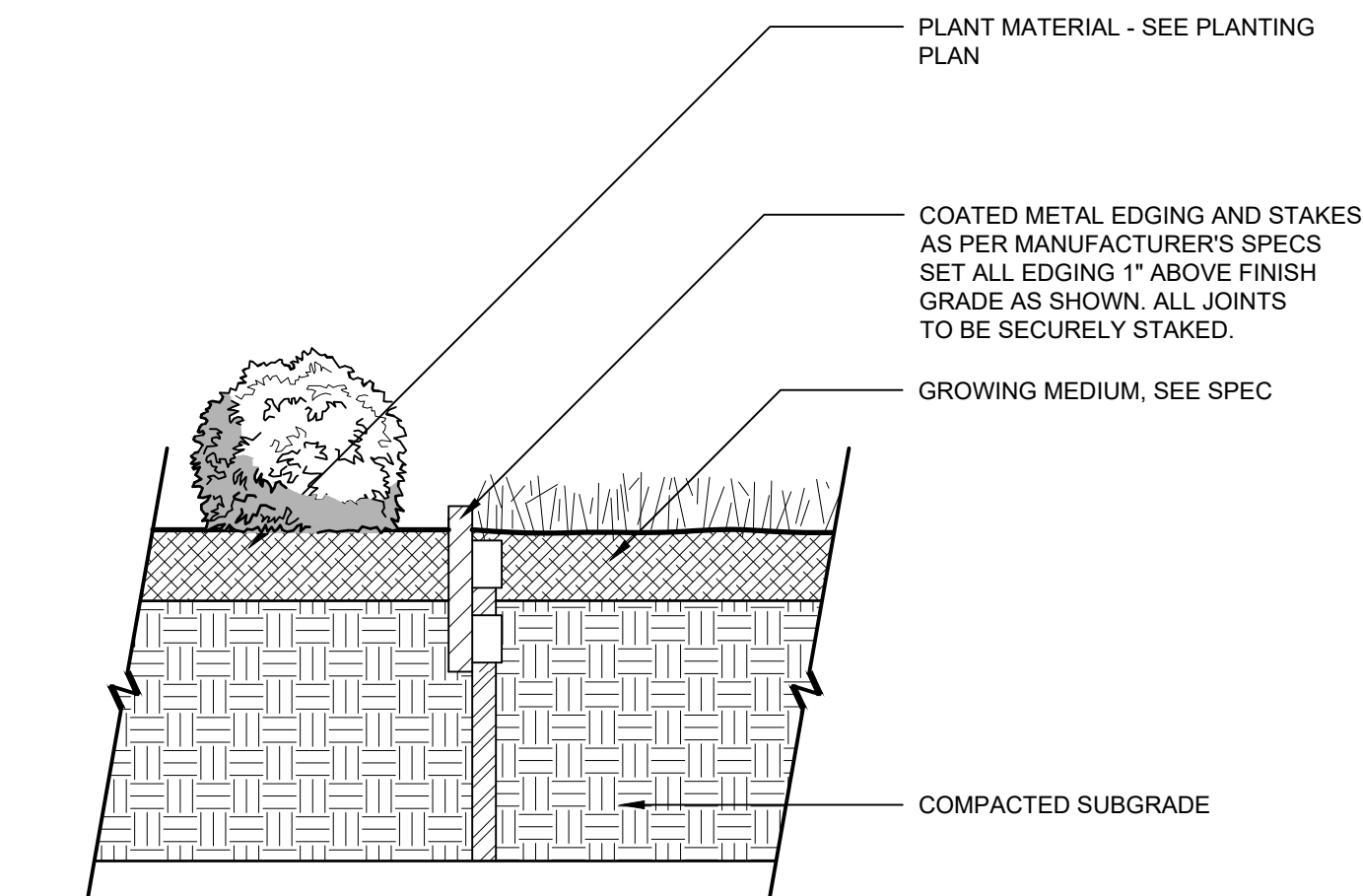
1" = 1'-0"

P-HE-RTF-13

8 SYNTHETIC TURF

N.T.S.

P-HE-RTF-09



7 METAL EDGING @ TURF AND PLANTING AREAS

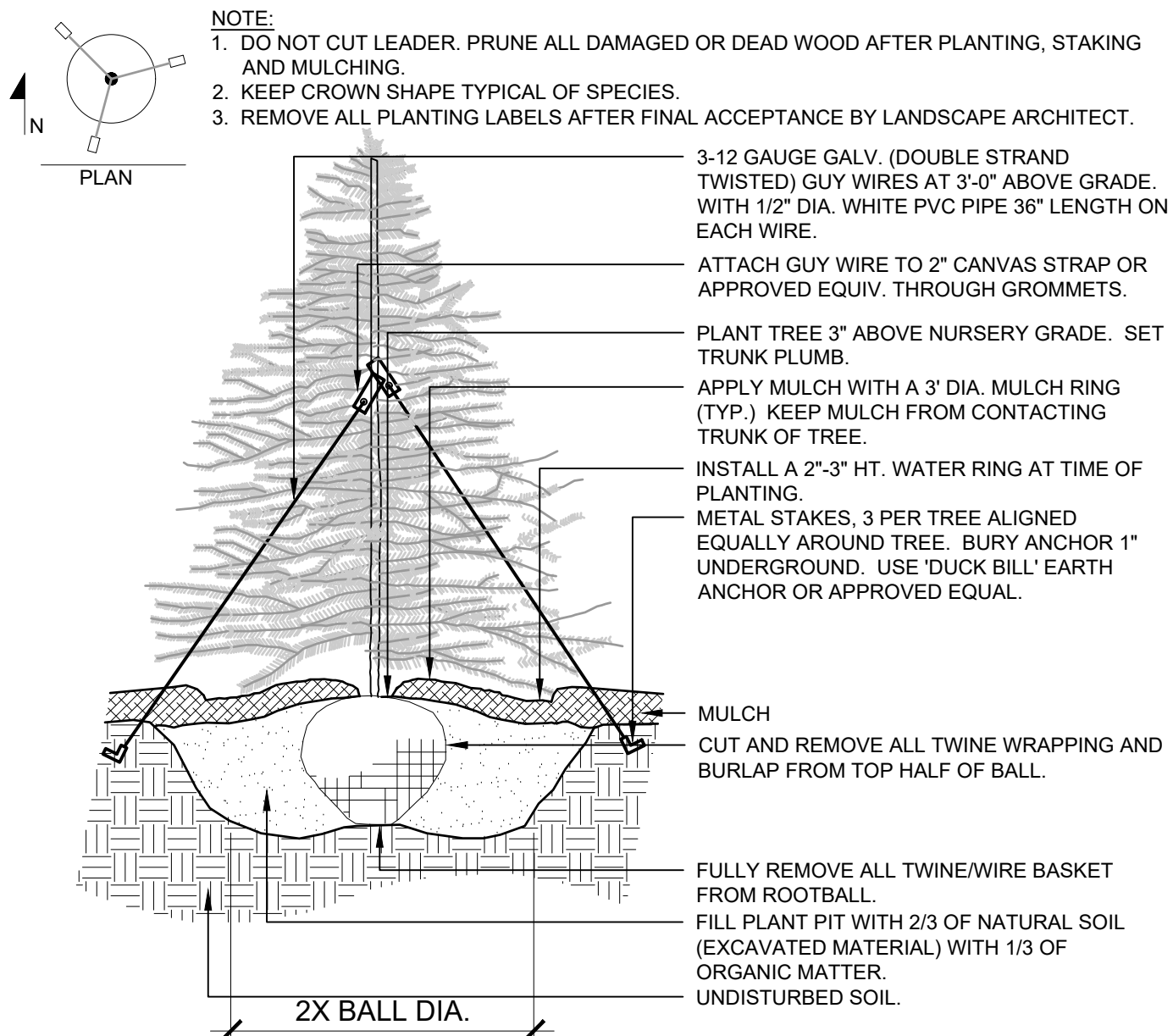
1 1/2" = 1'-0"

329413.01-06

6 DECIDUOUS TREE PLANTING

1" = 1'-0"

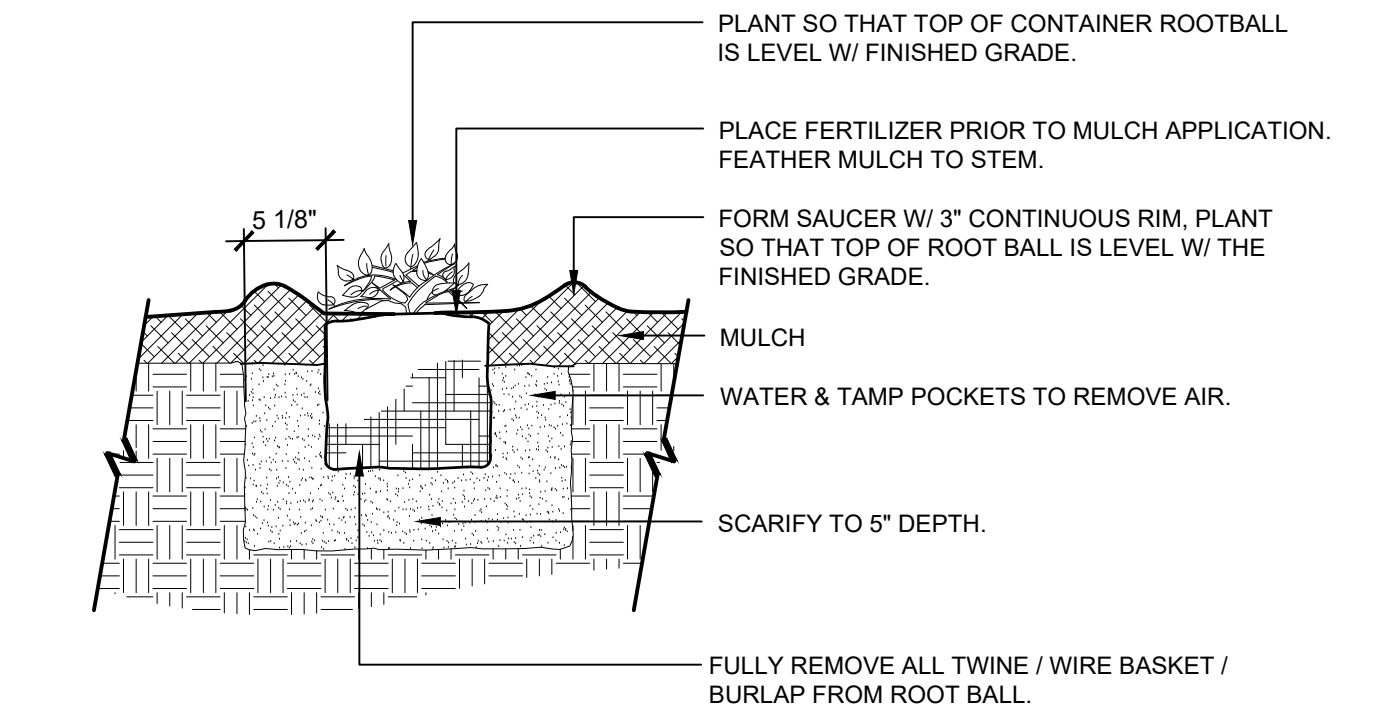
329343.43-28



5 EVERGREEN TREE PLANTING

1" = 1'-0"

329343.43-27



4 GROUNDCOVER PLANTING

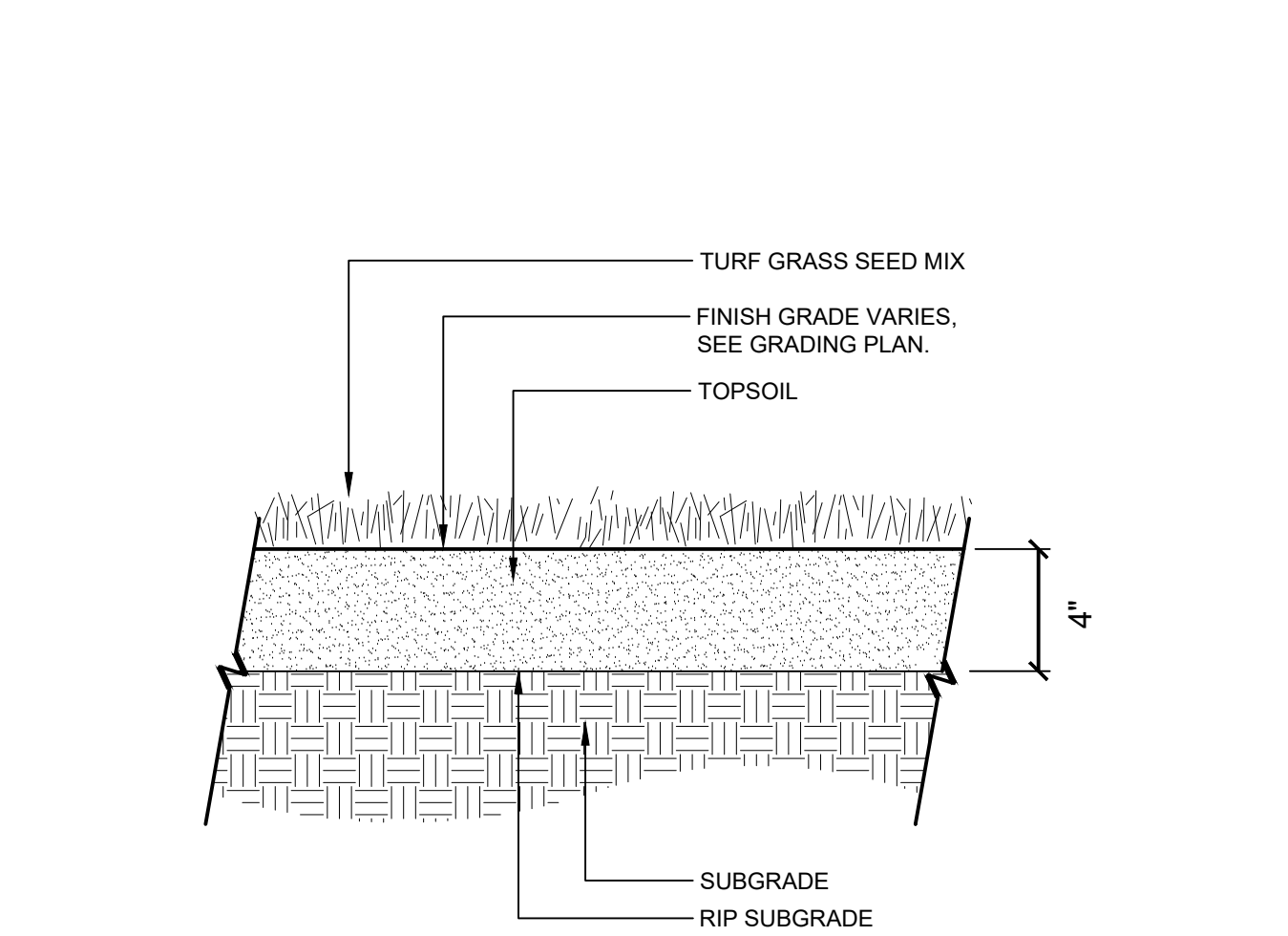
1" = 1'-0"

329333.83-01

3 SHRUB PLANTING - CONTAINER

1" = 1'-0"

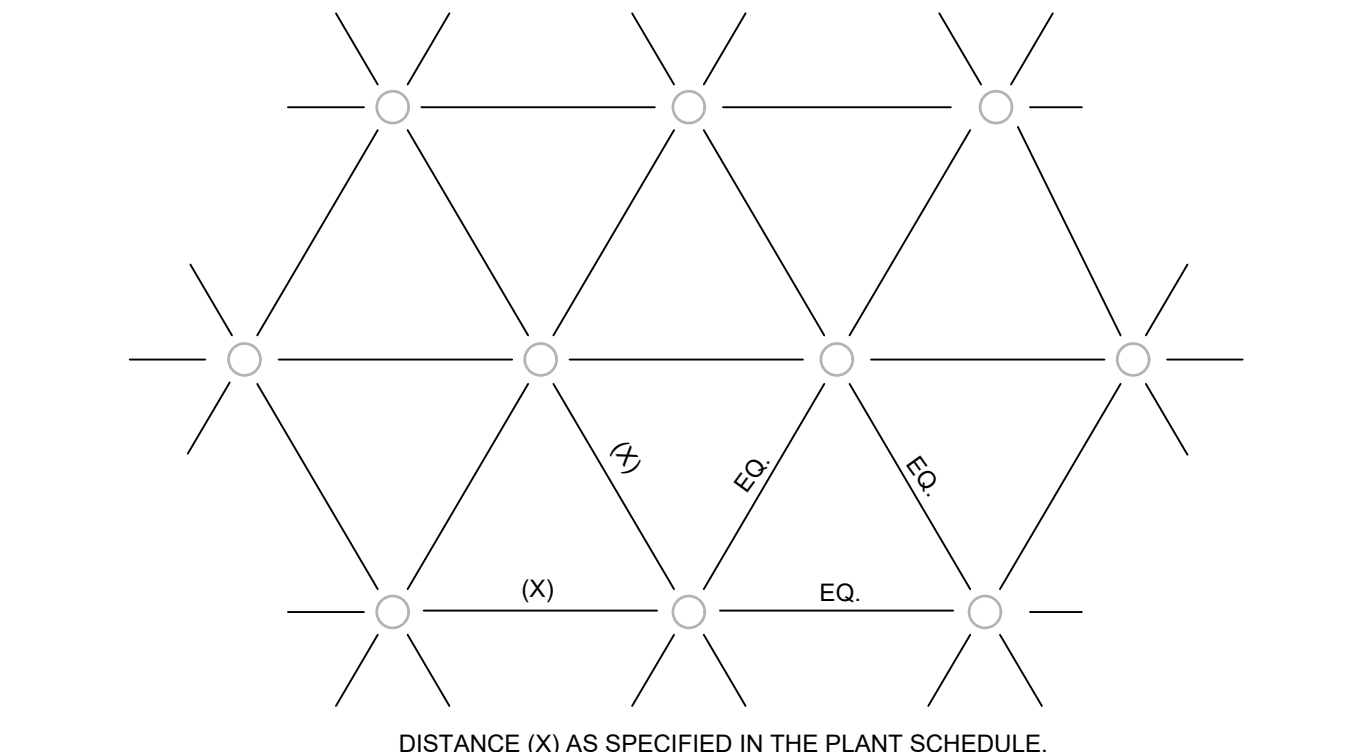
329333.13-01



2 TURF

1" = 1'-0"

329313-01



1 PLANT SPACING

1" = 1"

329300-05

REVISIONS

DATE:
06/24/2022
BCRA NO.
21031.00.00
DRAWN BY: MT DESIGNED BY: ES/MT
REVIEWED BY: ES
SHEET TITLE

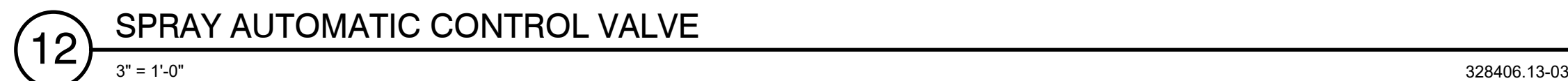
PLANTING / SYNTHETIC TURF DETAILS

PROJECT FILE NUMBER: 22-102230 CUP

L-501

PERMIT SET

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MAXIMUM LATERAL LENGTH (FEET)						
PSI	EMITTER FLOW RATE GPH					
	12" SPACING		18" SPACING		24" SPACING	
	0.6	0.9	0.6	0.9	0.6	0.9
10	125	96	175	135	218	171
20	249	191	354	271	442	340
30	307	236	434	333	550	422
40	350	268	495	380	627	471
50	125	96	175	135	218	171
60	125	96	175	135	218	171

MAXIMUM FLOW PER ZONE		
	MAX GPM	PSI LOSS
SCHEDULE 40 PVC HEADER SIZE		
1/2"	4.7 GPM	7.7 PSI
3/4"	8.3 GPM	5.6 PSI
1"	13.5 GPM	4.2 PSI
1-1/2"	33.9 GPM	2.9 PSI
2"	52.4 GPM	1.9 PSI

POLY PIPE HEADER SIZE		
1/2"	4.7 GPM	8.8 PSI
3/4"	8.3 GPM	6.3 PSI
1"	13.5 GPM	4.8 PSI
1-1/2"	31.8 GPM	2.9 PSI
2"	52.4 GPM	2.2 PSI

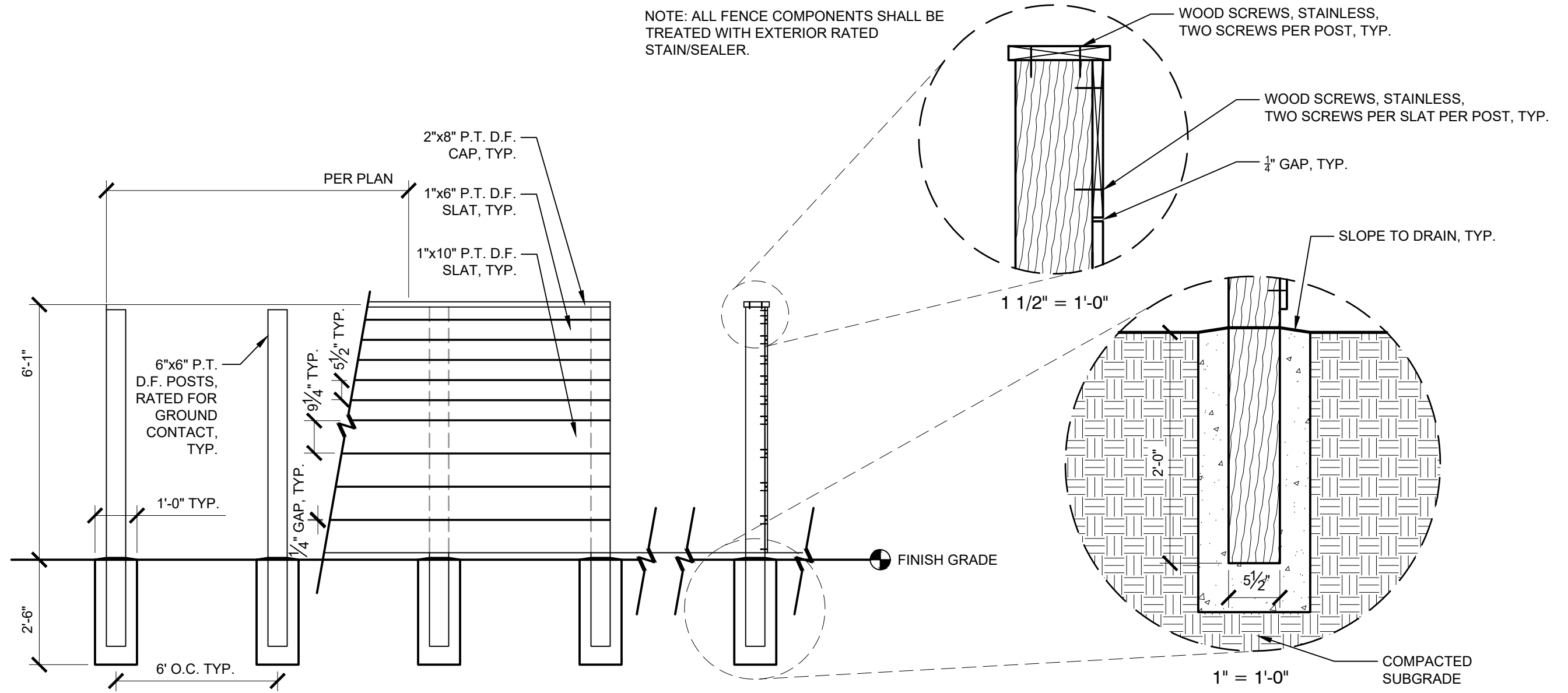


DATE PLOTTED: 8/24/2022 3:06:57 PM FILENAME: L-500 DETAILS DWG BY: ---

12

6' HIGH DECORATIVE SCREEN FENCE

3/8" = 1'-0"

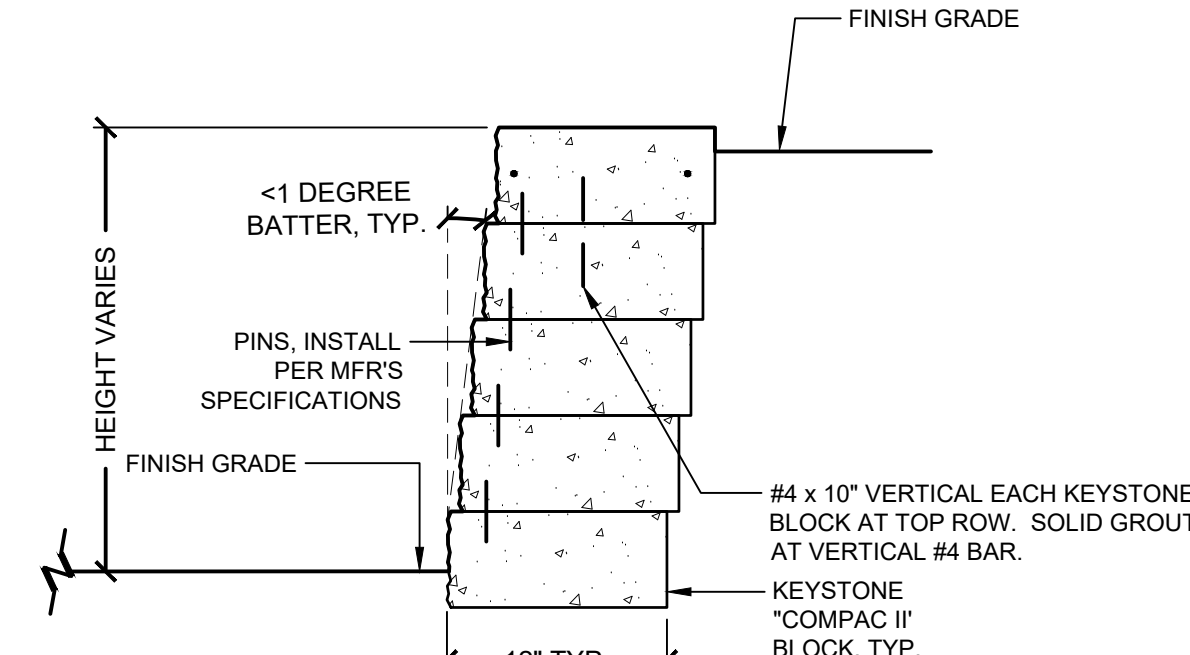


P-HE-RTF-15

6

KEYSTONE WALL

3/4" = 1'-0"

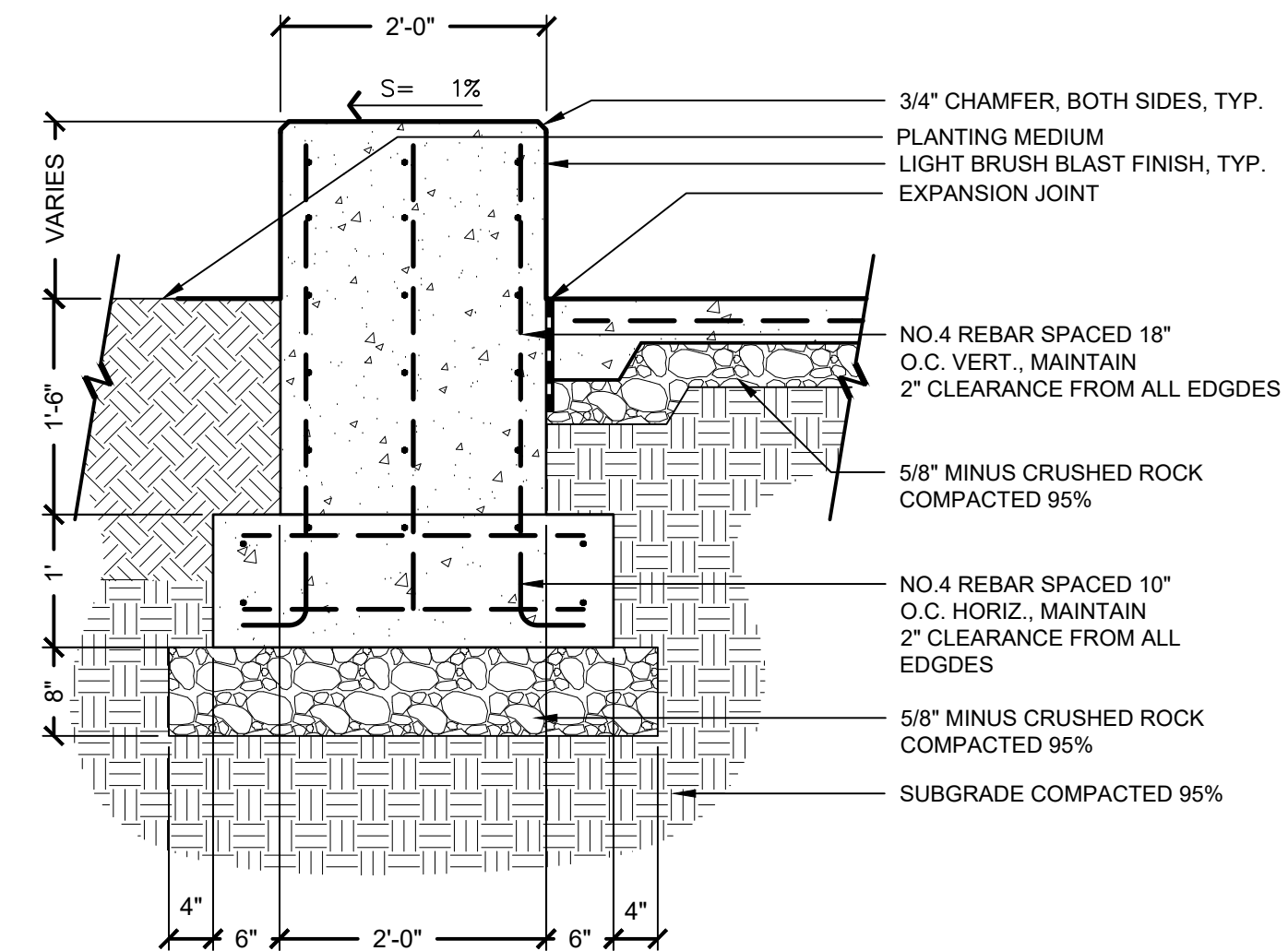


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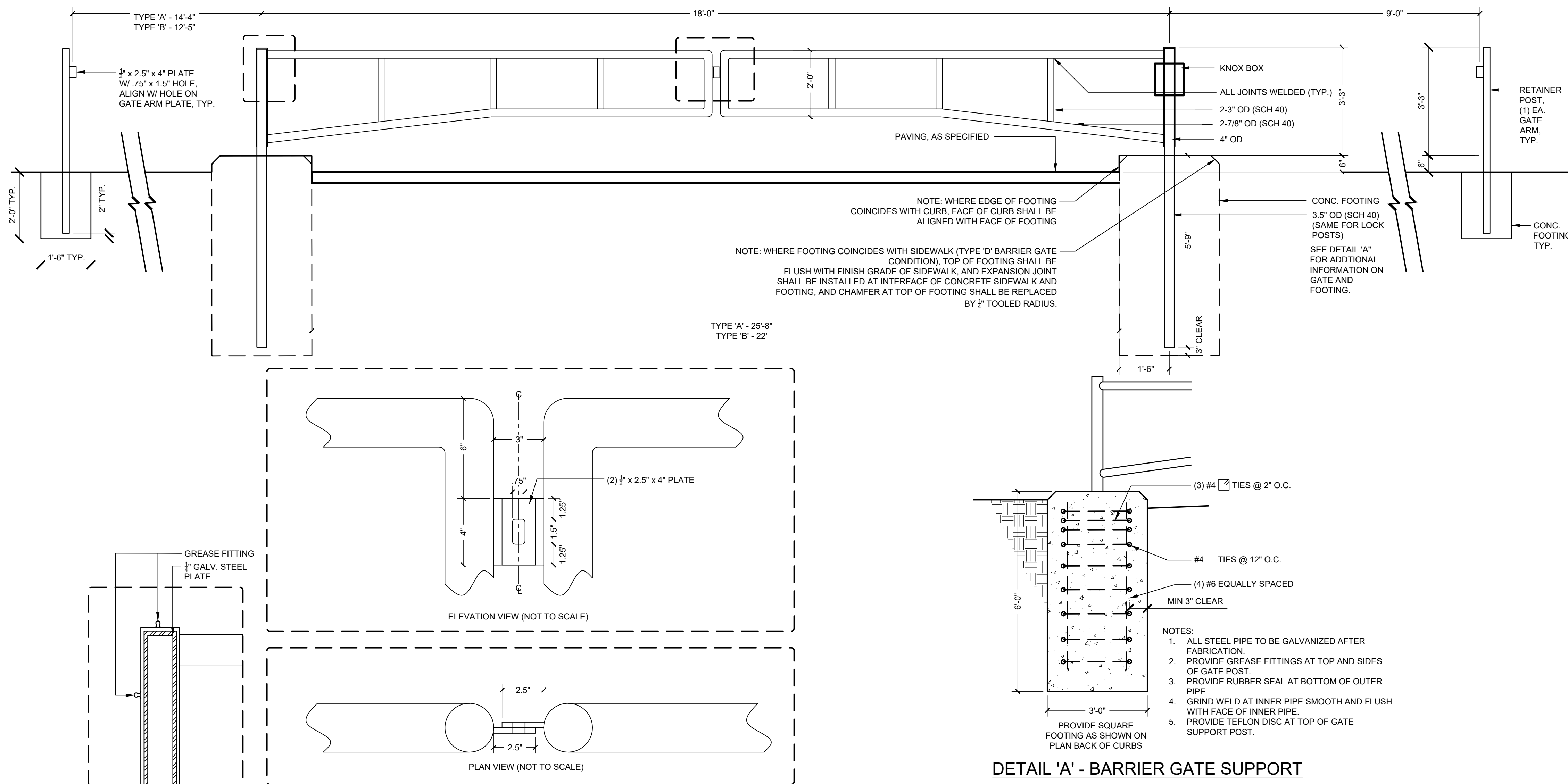
3

CONCRETE SEAT WALL - 24" WIDTH

3/4" = 1'-0"



P-HE-RTF-11



10

DOUBLE SWING BARRIER GATE W/RETAINER POST

NOT TO SCALE

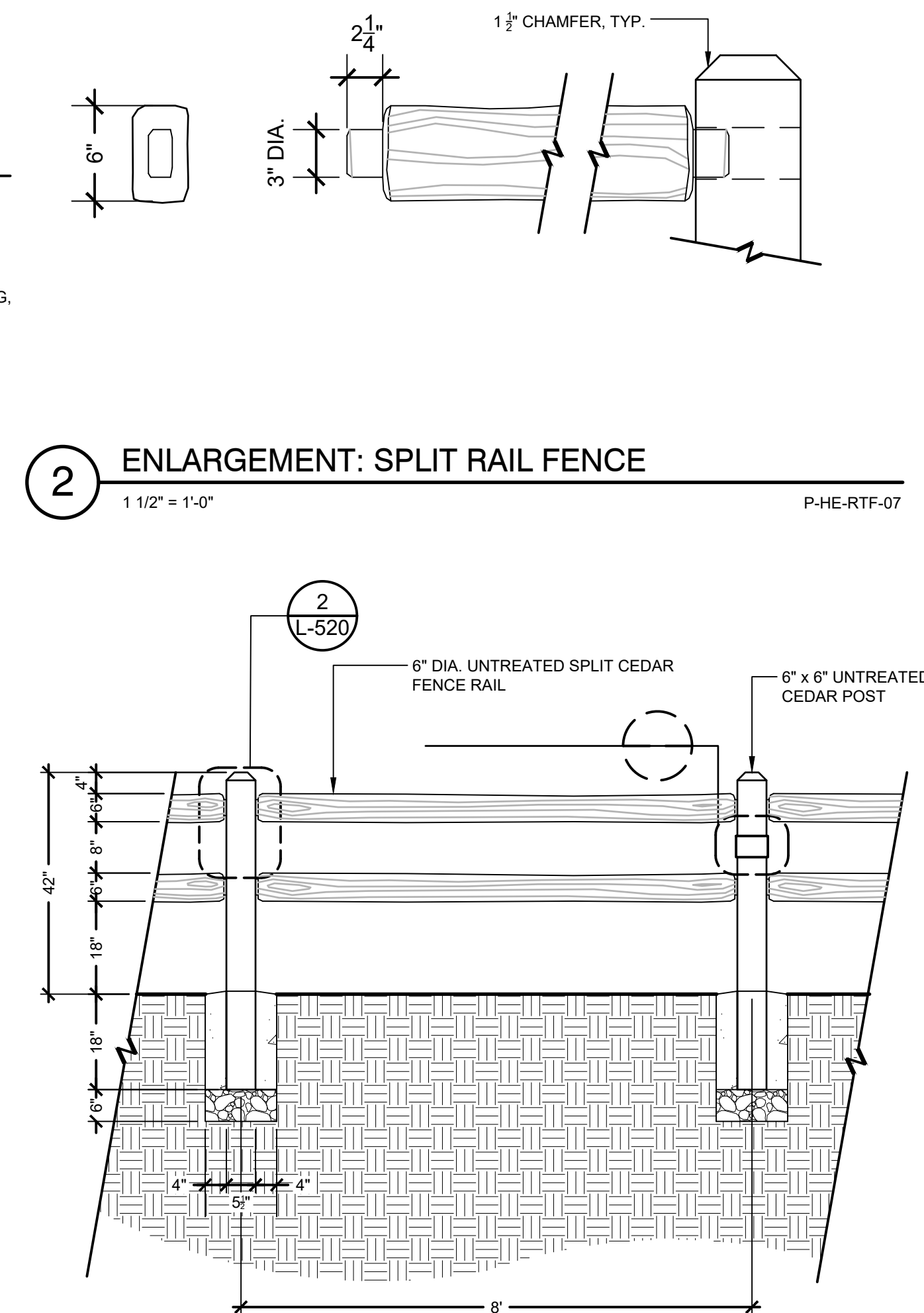
P-HE-RTF-08

1

SPLIT RAIL FENCE

1/2" = 1'-0"

P-HE-RTF-06



PROJECT

RESIDENT TREATMENT FACILITY NORTH

2819 SOUTH AVENUE NW
SUITE 300
TACOMA, WA 98402
PARCELS: 32041800100100

REVISIONS

NO.	DESCRIPTION

DATE
06/24/2022

BORA NO.
21031.00.00

DRAWN BY: MT DESIGNED BY: ES/MT

REVIEWED BY: ES

SHEET TITLE

SITE DETAILS

PROJECT FILE NUMBER: 22-102230 CUP

bora

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SHEET

L-520

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