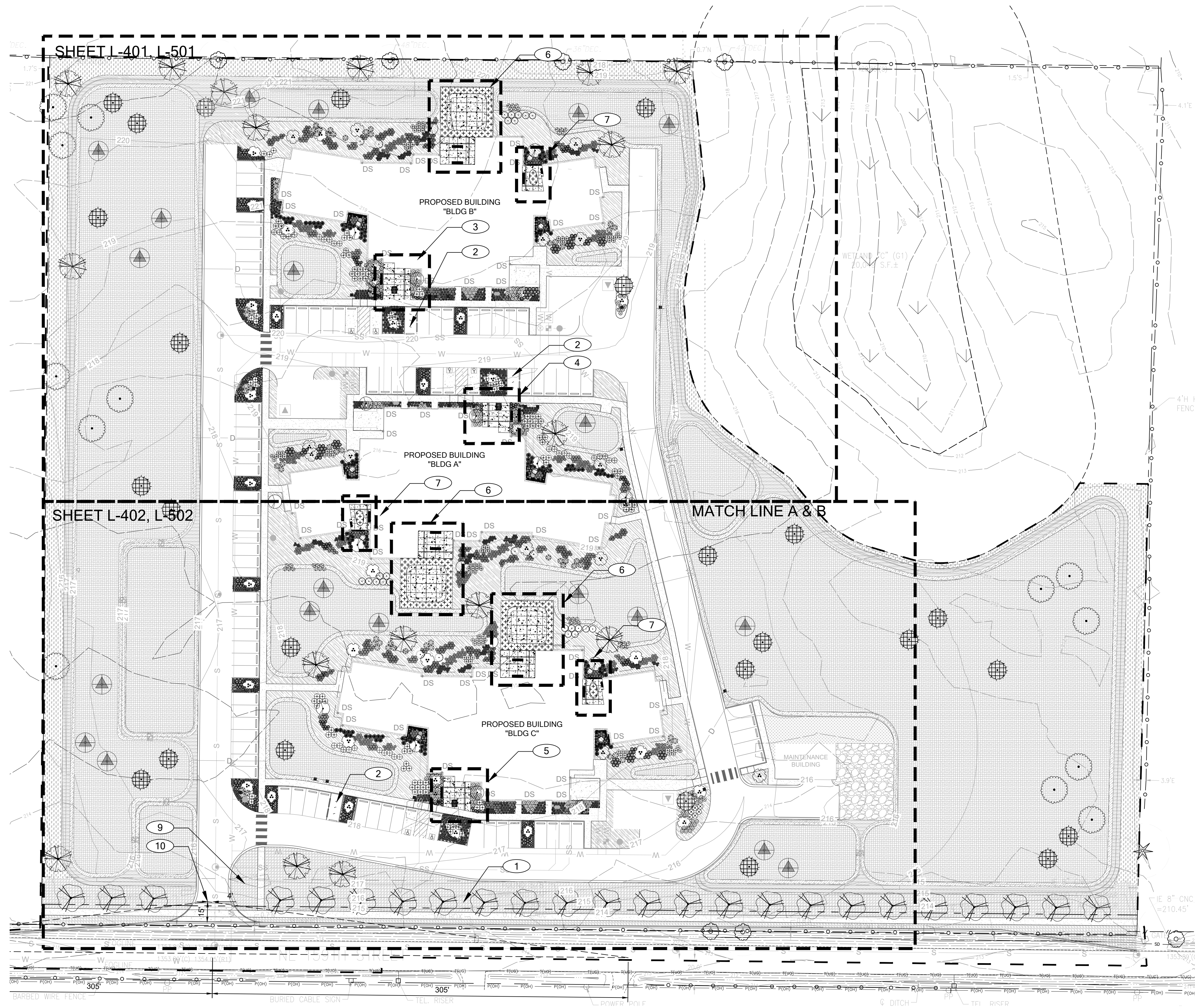




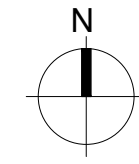


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# LANDSCAPE PLAN OVERVIEW

SCALE 1" = 40'



## LANDSCAPE PLAN OVERVIEW

- 1 LANDSCAPE BUFFER AREA. PROVIDES PARKING LOT SCREENING FROM HIGHWAY. EXISTING TREES TO BE RETAINED SHALL BE INCLUDED IN LANDSCAPE BUFFER AREA
- 2 COVERED BICYCLE PARKING
- 3 FRONT ENTRY PLAZA BLDG B
- 4 FRONT ENTRY PLAZA BLDG A
- 5 FRONT ENTRY PLAZA BLDG C
- 6 LARGE ENCLOSURE, TYP.
- 7 SMALL ENCLOSURE, TYP.
- 8 LANDSCAPE BUFFER AREA. PROVIDES PARKING LOT SCREENING FROM HIGHWAY. EXISTING TREES TO BE RETAINED SHALL BE INCLUDED IN LANDSCAPE BUFFER AREA.
- 9 SITE MONUMENT SIGN, SEE ARCH SHEET A-643.
- 10 SIGHT DISTANCE TRIANGLE

## NOTES

1. SEE CIVIL DRAWINGS FOR GRADING AND FULL SITE PLAN.
2. REFER TO TREE PRESERVATION PLAN FOR TREE PROTECTION MEASURES AND DETAILS.
3. REFER TO L-403 AND L-404 FOR LANDSCAPE PLANTING DETAILS AND NOTES.



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PROJECT  
DEPARTMENT OF SOCIAL AND HEALTH SERVICES  
2020-473 BH 48 BED COMMUNITY RTF  
16015 NE 50TH AVE  
VANCOUVER, WA 98686

REVISIONS

DATE

06.18.2021

BCRA NO.

19093.02

DRAWN BY: KB

DESIGNED BY: AMC

REVIEWED BY: AMC/MSF

SHEET TITLE

LANDSCAPE  
PLAN  
OVERVIEW



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SHEET

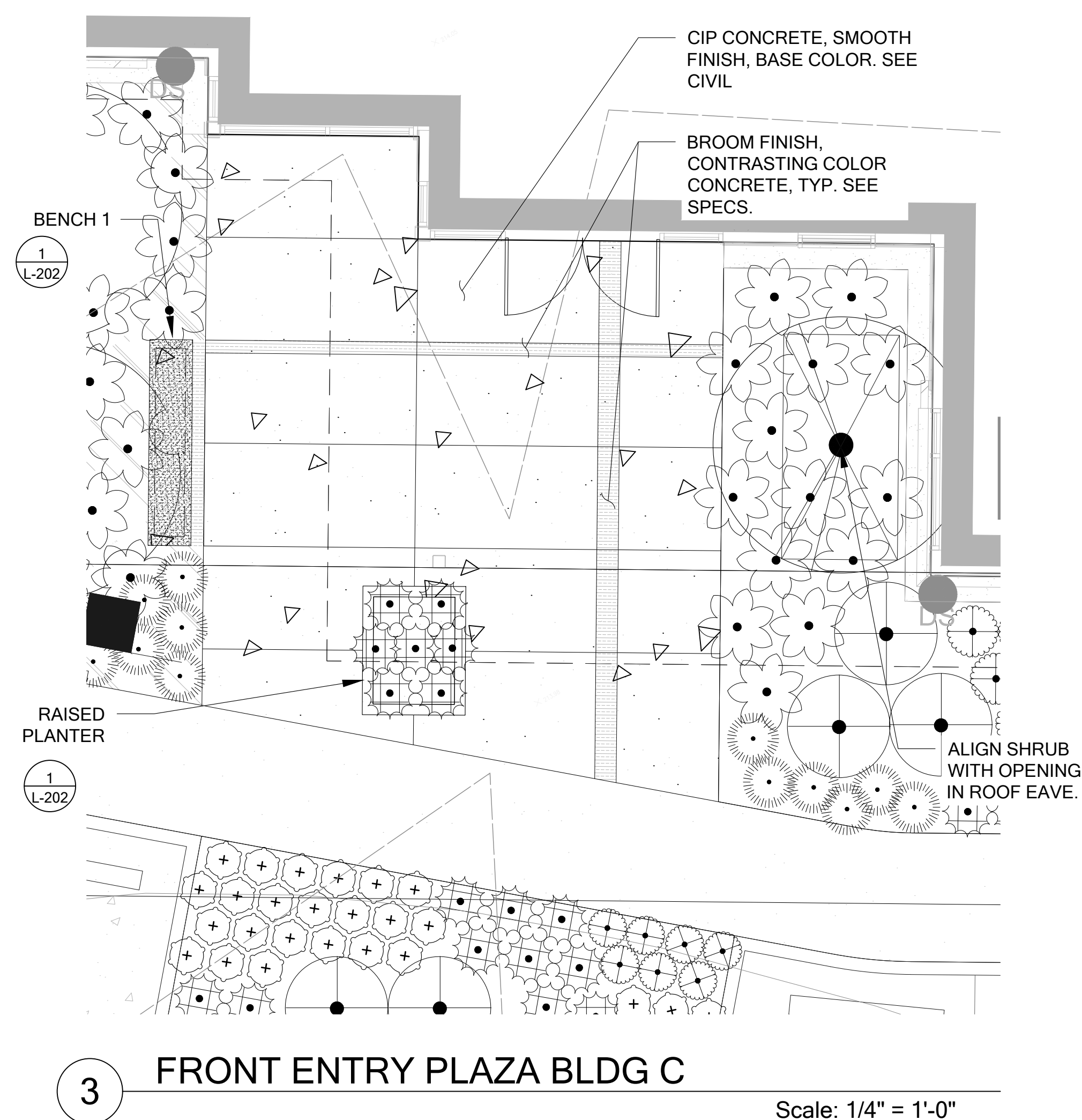
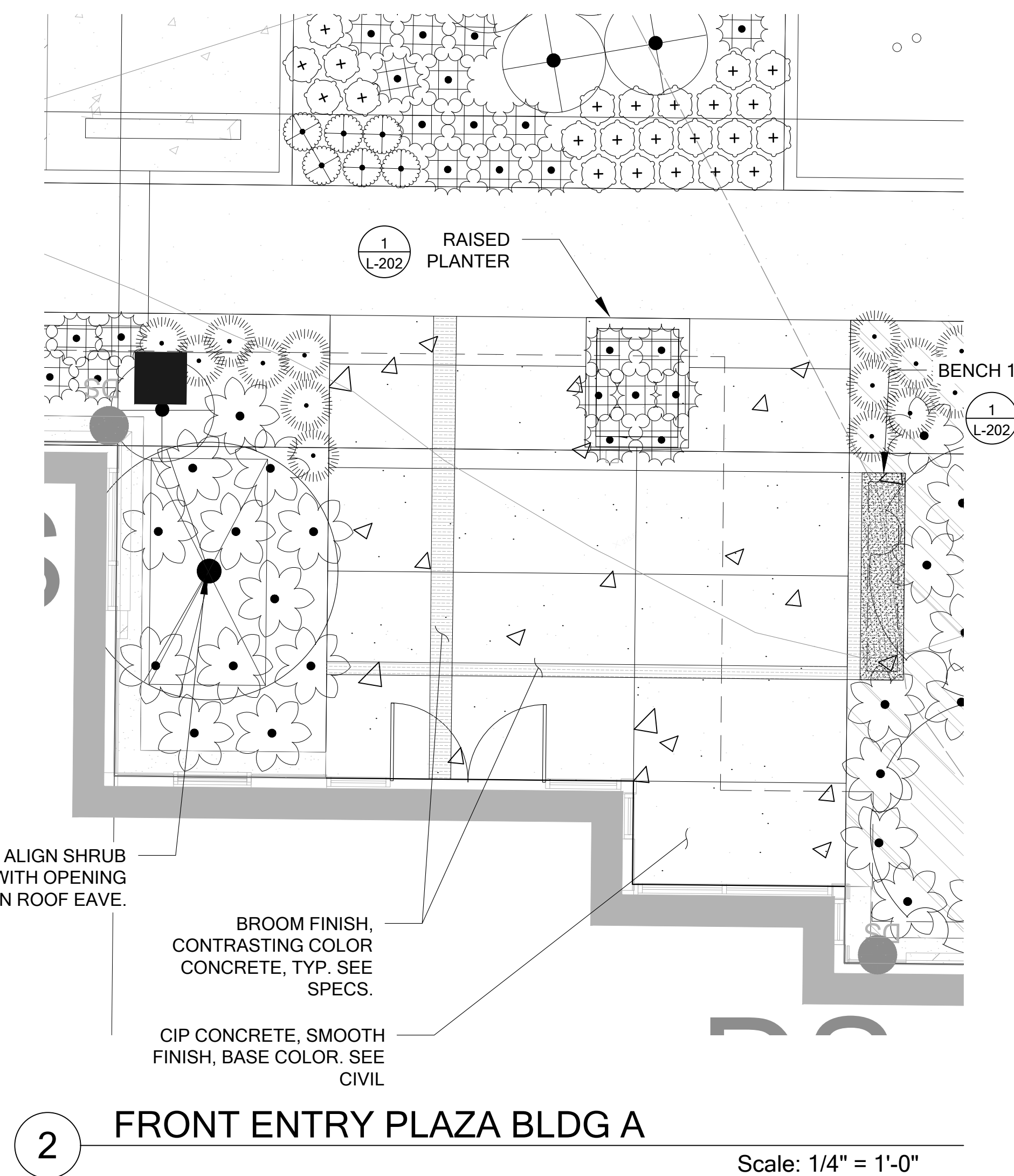
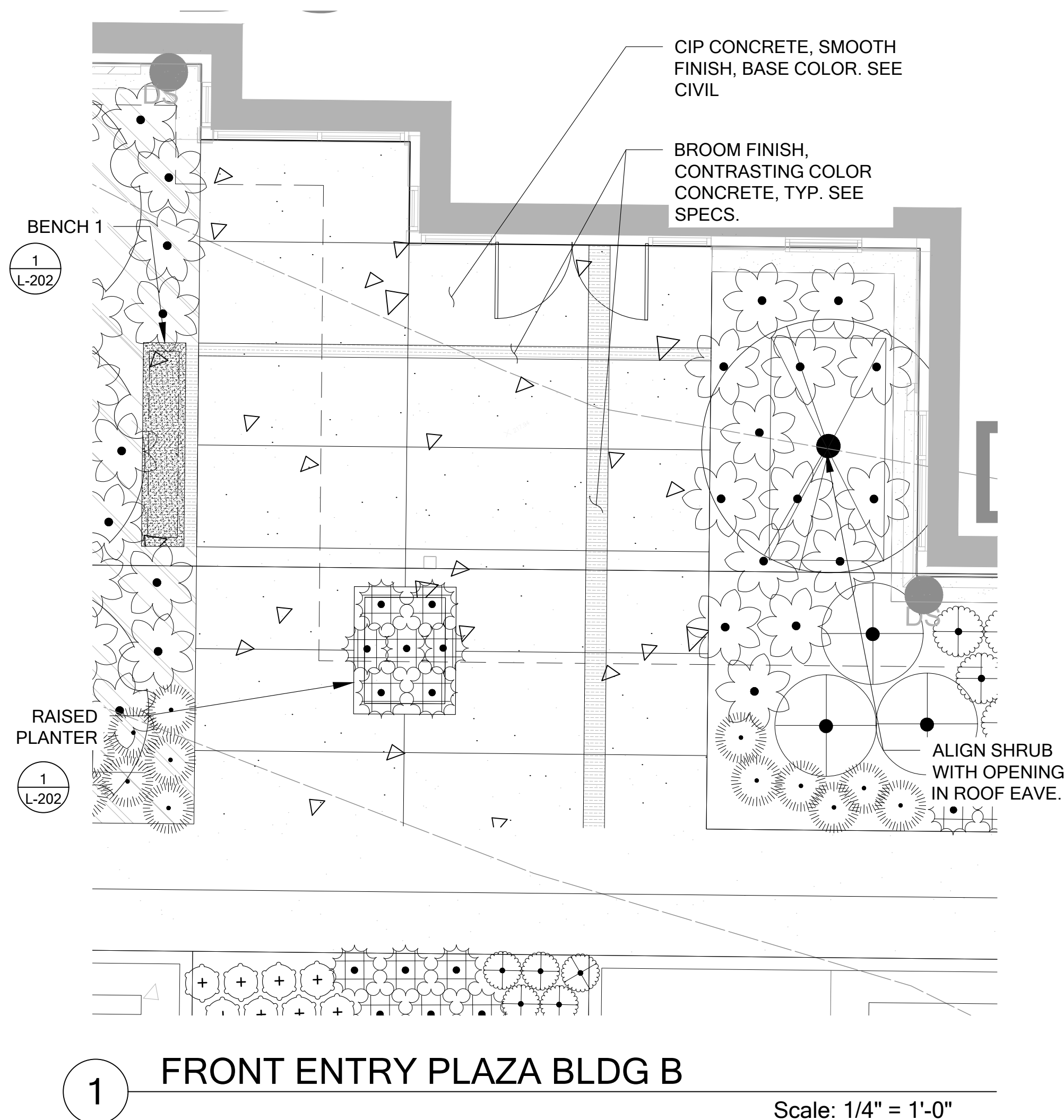
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PERMIT SET &  
CD PROGRESS SET

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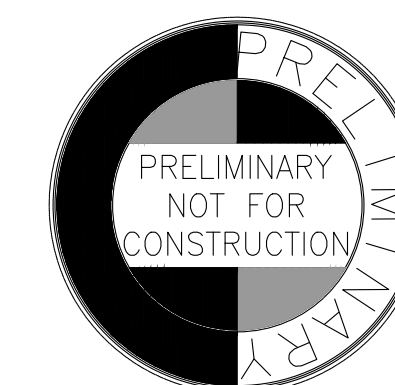
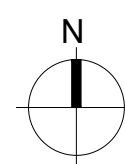


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## LANDSCAPE PLAN INSETS - FRONT PLAZAS

SCALE 1/4" = 1'-0"



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REVISIONS

DATE: 06.18.2021  
BCRA NO: 19093.02  
DRAWN BY: KB DESIGNED BY: AMC  
REVIEWED BY: AMC/MSF  
SHEET TITLE: LANDSCAPE PLAN INSETS - FRONT PLAZAS

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**L-201**

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6.18.2021

RA NO.

9093.02

AWN BY: KB      DESIGNED BY: AMC

REVIEWED BY: AMC/MSF

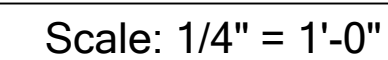
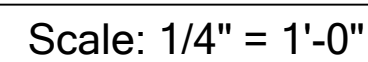
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LANDSCAPE  
LAN INSETS -  
ENCLOSURES

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EET

L-202

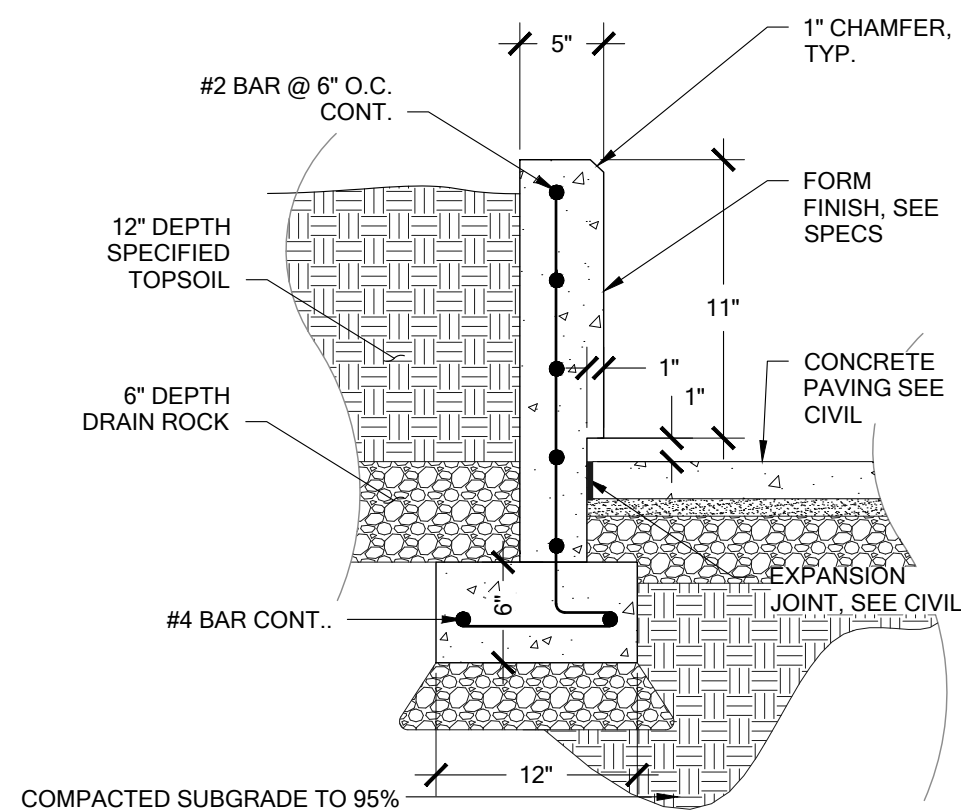
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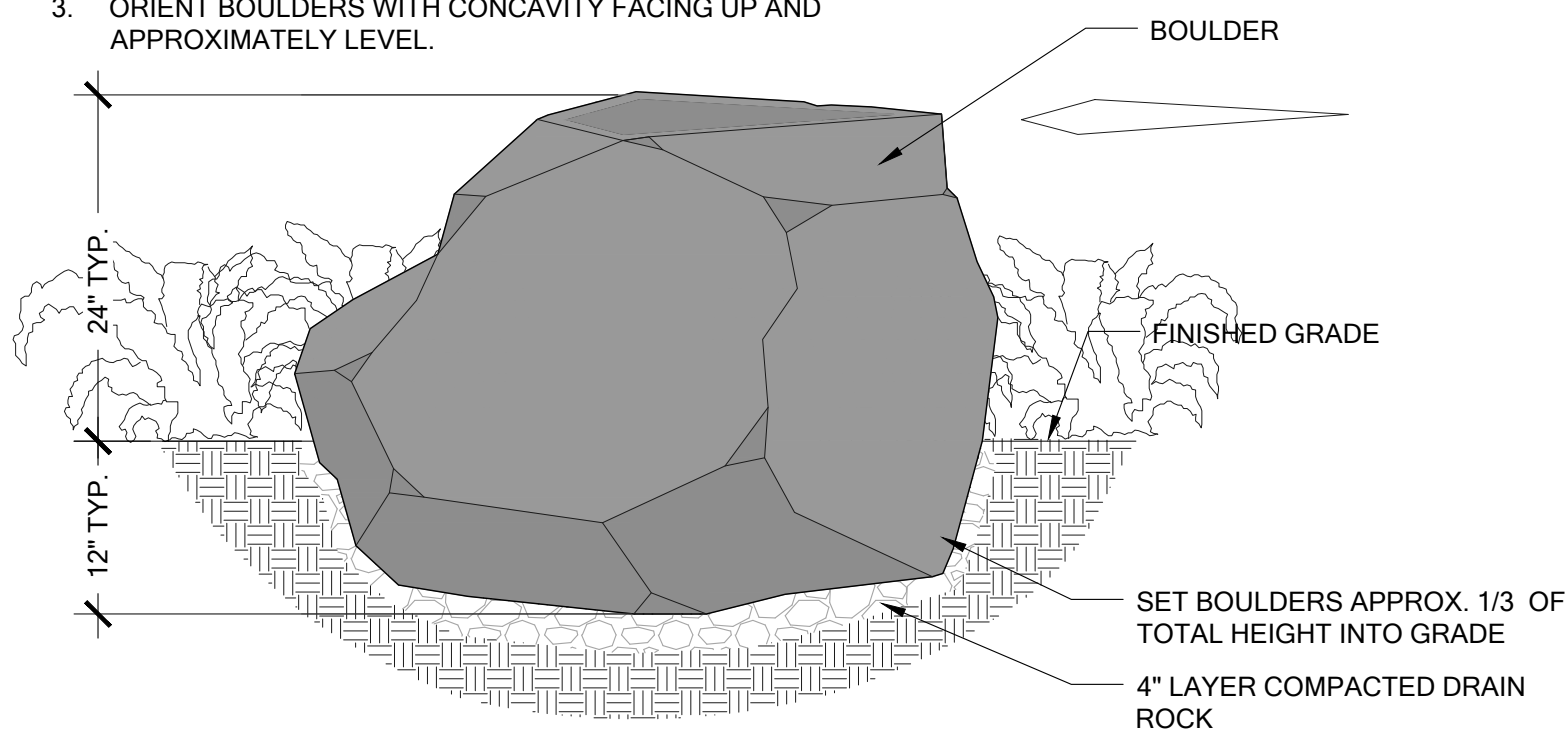


## 1 FRONT PLAZA RAISED PLANTER

Scale: NTS

### INSTALLATION NOTES:

- BOULDERS SHALL BE 'COLOMBIA DISH ROCK'. SELECTED BOULDERS SHALL HAVE A CONCAVITY ON ONE SIDE SUFFICIENT TO CATCH AND HOLD WATER. EACH BOULDER SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
- FINAL PLACEMENT OF EACH BOULDER SHALL BE DETERMINED BY THE LANDSCAPE ARCHITECT DURING INSTALLATION.
- ORIENT BOULDERS WITH CONCAVITY FACING UP AND APPROXIMATELY LEVEL.

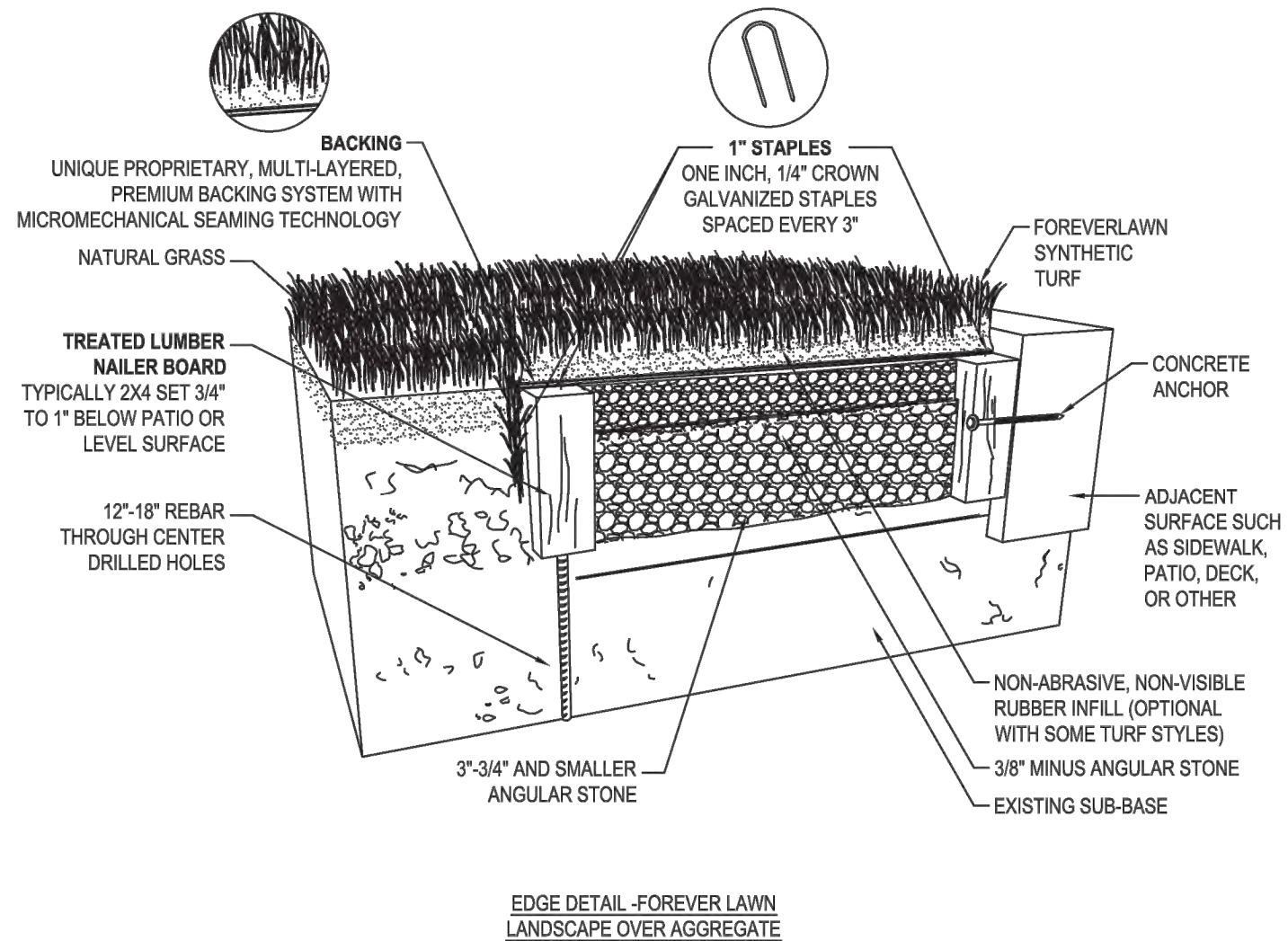


## 4 DECORATIVE BOULDER

Scale: NTS

**ForeverLawn®**

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LOUISVILLE, OH 44641  
TOLL FREE: 1-866-992-7876  
PHONE: (866) 992-7876  
FAX: (866) 212-1925  
www.foreverlawn.com



### NOTES:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DO NOT SCALE DRAWING.
- THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
- ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
- CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT [www.CADdetails.com/info](http://www.CADdetails.com/info) AND ENTER REFERENCE NUMBER 1148-065

LANDSCAPE GRASS

LANDSCAPE TURF: LANDSCAPE GRASS SYSTEM - LANDSCAPE OVER AGGREGATE

1148-065

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REVISION DATE 24/02/2021

CADdetails.com

## 2 ARTIFICIAL TURF

Scale: NTS

## 3 ROOT BARRIER

Scale: NTS

### UB 18-2 Specifications 18" DeepRoot® Tree Root Barrier

Specified tree root barrier is a mechanical barrier and root deflector used to prevent tree roots from damaging hardscapes and landscapes. Assembled in 24" (609 mm) long modules to create varying lengths for linear applications, or perimeter surround applications in varying sizes.

#### A. Materials

1. The contractor shall furnish and install tree root barrier as specified. The tree root barrier shall be either product #UB 18-2 as manufactured by DeepRoot® Green Infrastructure, LLC, 530 Washington Street, San Francisco, CA, www.deeproot.com (800.458.7668).

2. Root barrier shall be recyclable, black, injection molded panels with 0.75" (1.90 mm) wall thickness in modules 24" (609 mm) long and 18" (460 mm) deep.

3. Root barrier shall be manufactured with 75% reprocessed polypropylene with added ultraviolet inhibitors.

4. Root barrier shall be comprised of 24" (609 mm) panels. Each panel shall have no less than four (4) Molded Integral Vertical Root Directing Ribs of a minimum 0.060" (1.52 mm) thickness, protruding 1/2" (12.7 mm) at 90° from interior of the barrier panel, spaced 6" (152.4 mm) apart. (See Details A & D)

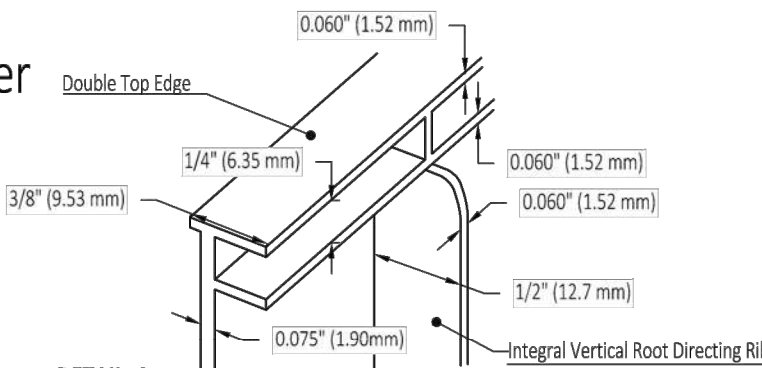
5. Root barrier shall have a Double Top Edge consisting of two parallel, integral, horizontal ribs at the top of the panel at 0.060" (1.52 mm) thickness, 3/8" (9.53 mm) wide and 1/4" (6.35 mm) apart with the lower rib attached to the vertical Root Directing Ribs (See Detail A).

6. Root barrier shall have a minimum of nine (9) Anti-Lift Ground Lock Tabs consisting of integral horizontal ridges of minimum 0.060" (1.52 mm) thickness in the shape of a segment of a circle, the 2 1/4" (57.15 mm) chord of the segment joining the panel wall and the segment, protruding 3/8" (9.53 mm) from the panel. The ground locks on each panel shall be about equally spaced between each of the vertical root directing ribs (See Details B & D).

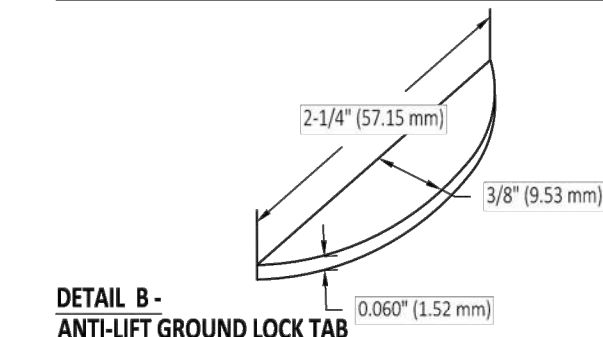
7. Root barrier shall have an integrated Zipper Joining System for assembly by sliding one panel into another (See Detail C).

U.S. Patents: 5,305,549; and 5,528,857. Other Patents Pending.

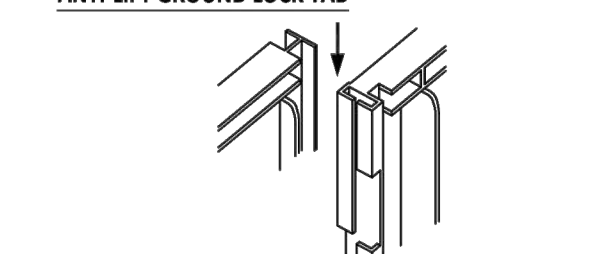
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Tensile strength @ yield - Wall	2,354 PSI	D638
Tensile strength @ yield - Hinge	2,846 PSI	D638
Yield Elongation - Wall	7.44%	D638
Yield Elongation - Hinge	7.01%	D638
Flexural Modulus	119,625 PSI	D790B
Notched Irod Impact - Wall	3.84 (ft-lbs)	D256A
Rockwell Hardness r. scale - Wall	84.4	D785A



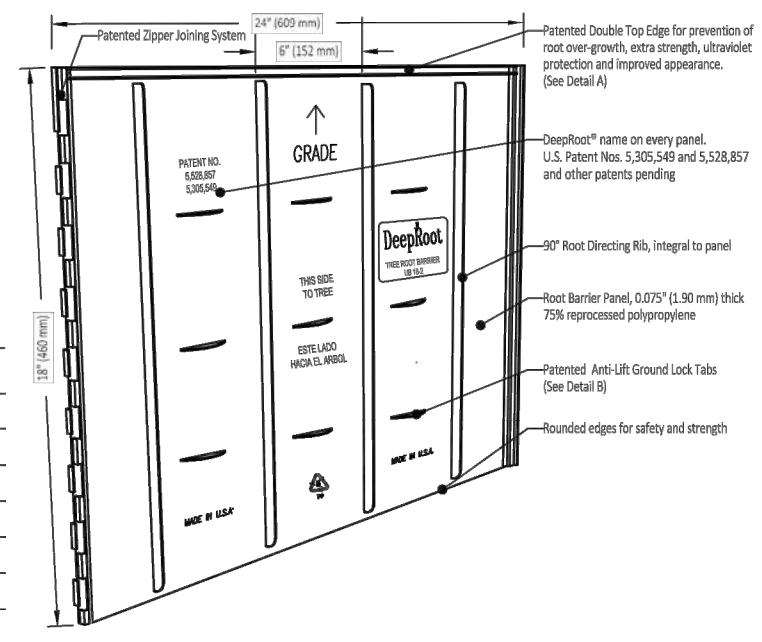
DETAIL A  
DOUBLE TOP EDGE AND VERTICAL ROOT DIRECTING RIB



DETAIL B -  
ANTI-LIFT GROUND LOCK TAB



DETAIL C - ZIPPER JOINING SYSTEM



DETAIL D - TREE ROOT BARRIER PANEL

deeproot

THE  
WATERSHED  
COMPANY

750 Sixth Street South  
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#### REVISIONS

NO.	DESCRIPTION	DATE

#### DATE

06.18.2021

#### BCRA NO.

19093.02

#### DRAWN BY:

KB

#### DESIGNED BY:

AMC

#### REVIEWED BY:

AMC/MSF

#### SHEET TITLE

LANDSCAPE

DETAILS - SITE

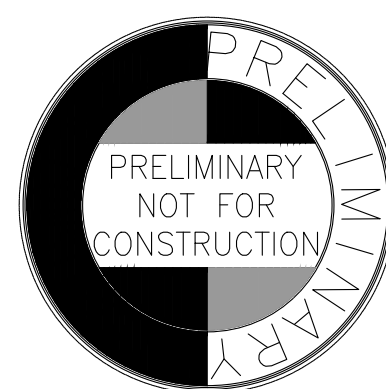
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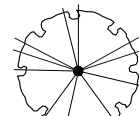

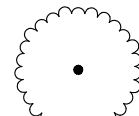
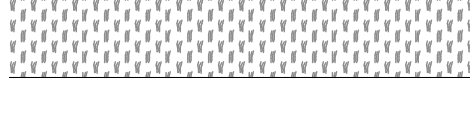
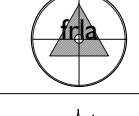
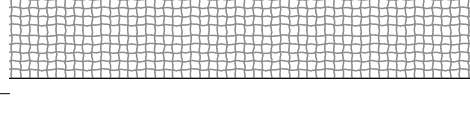
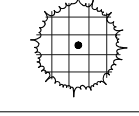
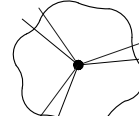
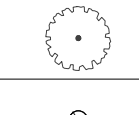
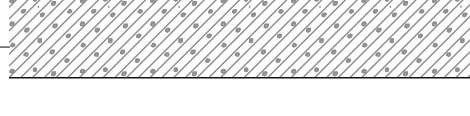

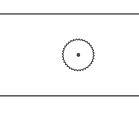
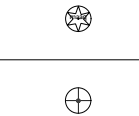
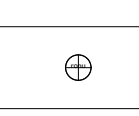
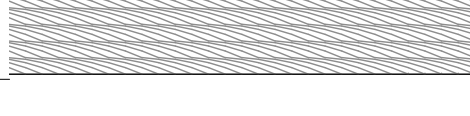
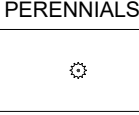
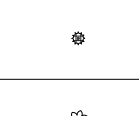
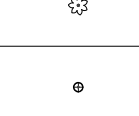

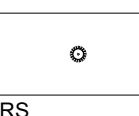

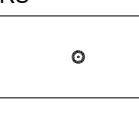
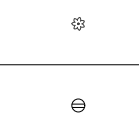
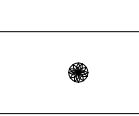
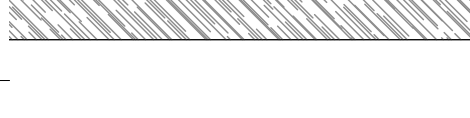

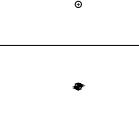


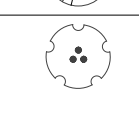












L-204

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CONTRACTORS SET



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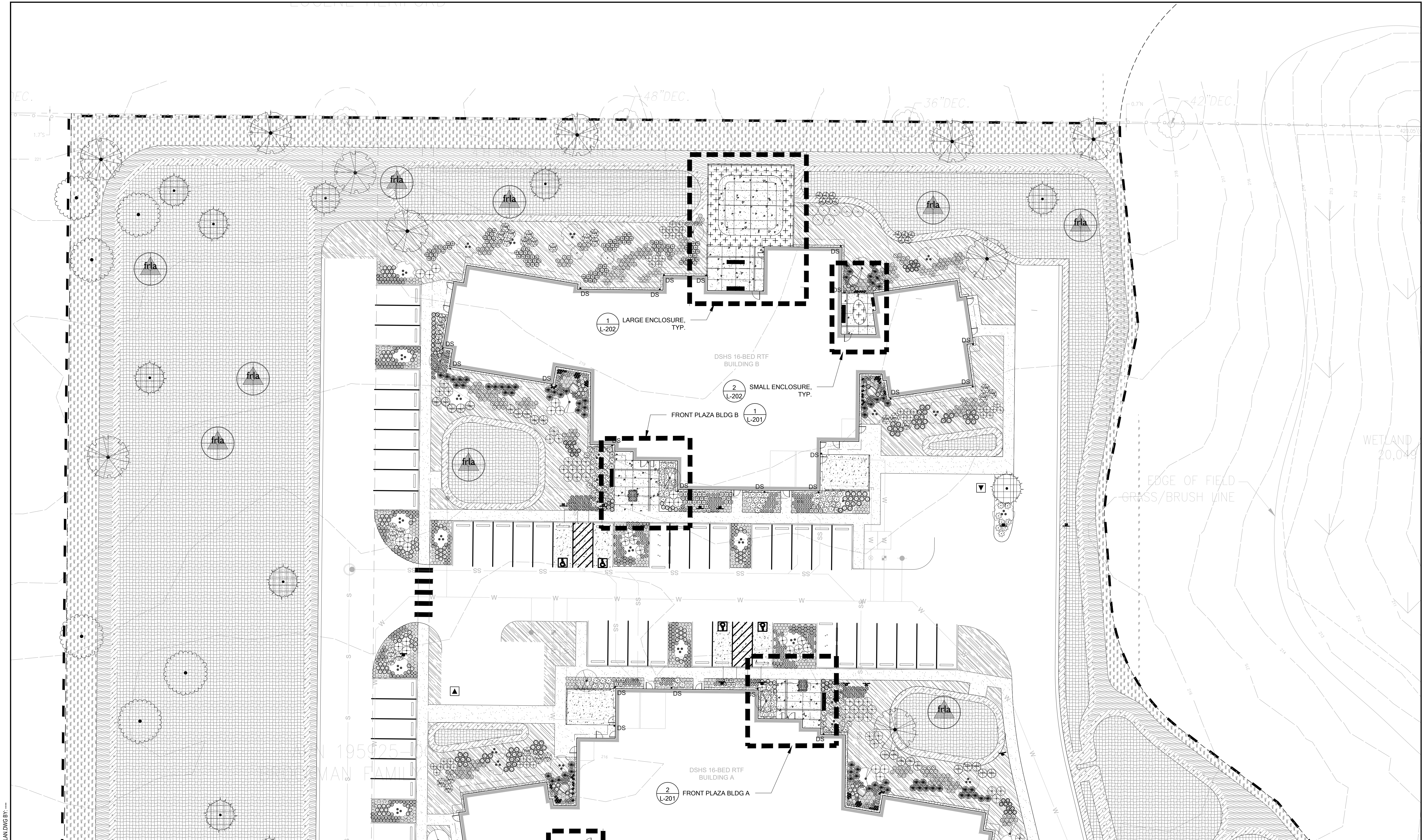
PLANT SCHEDULE											
TREES	BOTANICAL / COMMON NAME	SIZE		QTY	REMARKS	GROUND COVERS	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY	REMARKS
	ACER MACROPHYLLUM / BIG LEAF MAPLE	5 GAL, 6' MIN		16			PT 705 XERISCAPE LAWN ALTERNATIVE			1,871 SF	2 - 3 LBS PER 1000 SQ FT OR 120 LBS PER ACRE
							-			1,871 SF	
	ALNUS RUBRA / RED ALDER	2 GALLON		13			PT 454 NATIVE URBAN MEADOW MIX			22,300 SF	APPLICATION RATE: 4 OZ PER 1000 SQUARE FEET OR 10-11 LBS PER ACRE
							-			22,300 SF	
	FRAXINUS LATIFOLIA / OREGON ASH	5 GAL, 6' HT MIN		18			BIORETENTION ZONE 1			133,489 SF	GROUP PLANTS BY SPECIES IN GROUPINGS OF 10-30.
	THUJA PLICATA / WESTERN RED CEDAR	5 GAL, 6' HT MIN		24			CAREX OBNUPTA / SLOUGH SEDGE	PLUG	20% @ 12" o.c.	27,746	
							CORNUS SERICEA 'KELSEY' / KELSEY'S DWARF RED TWIG DOGWOOD	1 GALLON	15% @ 24" o.c.	5,203	
							IRIS TENAX / OREGON IRIS	BULB	15% @ 12" o.c.	20,809	
	BOTANICAL / COMMON NAME	SIZE		QTY	REMARKS		SCIRPUS ACUTUS / HARDSTEM BULRUSH	PLUG	20% @ 12" o.c.	27,746	
	QUERCUS SHUMARDII / SHUMARD OAK	MIN 1.5" CAL.		24			SCIRPUS MICROCARPUS / SMALL-FRUITED BULRUSH	PLUG	20% @ 12" o.c.	27,746	
	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY	REMARKS		SPIRAEA DOUGLASII / WESTERN SPIREA	1 GALLON	10% @ 36" o.c.	1,542	
	ACER CIRCINATUM / VINE MAPLE	MULI-STEM, MIN (3) >1" CALIPER	120" o.c.	3			BIORETENTION ZONE 2			19,238 SF	GROUP PLANTS BY SPECIES IN GROUPINGS OF 9-15.
	CORNUS STOLONIFERA / RED TWIG DOGWOOD	3 GAL.	36" o.c.	27			CAMASSIA LEICHTLINII / GREAT CAMAS	BULB	10% @ 12" o.c.	2,000	
	ERICA CARNEA 'PINBRIGHT ROSE' / PINBRIGHT ROSE WINTER HEATH	2 GALLON	18" o.c.	608			CORNUS SERICEA 'KELSEY' / KELSEY'S DWARF RED TWIG DOGWOOD	1 GALLON	18% @ 30" o.c.	576	
	HOLODISCUS DISCOLOR / OCEAN-SPRAY	2 GALLON	60" o.c.	7			MAHONIA AQUIFOLIUM 'COMPACTA' / COMPACT OREGON GRAPE	1 GALLON	18% @ 30" o.c.	576	
	MAHONIA AQUIFOLIUM / OREGON GRAPE	2 GAL.	48" o.c.	26			PHYSOCARPUS CAPITATUS / PACIFIC NINEBARK	1 GALLON	18% @ 30" o.c.	576	
	PODOCARPUS LAWRENCEI 'BLUE GEM' / BLUE GEM MOUNTAIN PLUM PINE	3 GAL.	48" o.c.	96			PHYSOCARPUS CAPITATUS 'SISKIYOU BEAUTY' / SISKIYOU BEAUTY PACIFIC NINEBARK	1 GALLON	18% @ 30" o.c.	576	
	ROSA NUTKANA / NOOTKA ROSE	2 GAL.	48" o.c.	10			SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY	1 GALLON	18% @ 30" o.c.	576	
	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY	REMARKS		BIORETENTION ZONE 3			17,238 SF	GROUP PLANTS BY SPECIES IN GROUPINGS OF 9-15.
	ANEMANTHELE LESSONIANA / HAIR GRASS	1 GALLON	30" o.c.	53			ECHINACEA PURPUREA / CONEFLOWER	1 GALLON	15% @ 24" o.c.	672	
	BOUTELOUA GRACILIS / BLUE GRAMA GRASS	1 GAL.	24" o.c.	175			ERIGERON SPECIOSUS / SHOWY FLEABANE	1 GALLON	15% @ 24" o.c.	672	
	CHIONOCHLOA RUBRA / RED TUSSOCK	1 GAL.	36" o.c.	221			MAHONIA REPENS / CREEPING MAHONIA	1 GALLON	15% @ 24" o.c.	672	
	FESTUCA IDAHOENSIS 'SISKIYOU BLUE' / SISKIYOU BLUE FESCUE	1 GAL.	18" o.c.	626			MISCANTHUS SINENSIS 'LITTLE KITTEN' / LITTLE KITTEN EULALIA GRASS	1 GALLON	15% @ 24" o.c.	672	
	STIPA BRACHYTRICHA / KOREAN FEATHER REED GRASS	1 GALLON	30" o.c.	48			PENNISETUM ALOPECUROIDES 'LITTLE BUNNY' / LITTLE BUNNY FOUNTAIN GRASS	1 GALLON	15% @ 24" o.c.	672	
	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY	REMARKS		PENNISETUM ALOPECUROIDES 'LITTLE HONEY' / LITTLE HONEY DWARF FOUNTAIN GRASS	1 GALLON	10% @ 24" o.c.	448	
	CAREX OSHIMENSIS 'EVERILLO' TM / EVERILLO SEDGE	1 GAL.	24" o.c.	274			SPIRAEA X BUMALDA 'GOLDFLAME' / GOLDFLAME SPIREA	1 GALLON	15% @ 36" o.c.	299	
	HEUCHERA X 'CRIMSON CURLS' / CRIMSON CURLS CORAL BELLS	1 GAL.	24" o.c.	87			GROUNDCOVER INFILL			37,512 SF	GROUP BY SPECIES IN ODD NUMBERED GROUPINGS OF 3-15
	MAHONIA REPENS / CREEPING MAHONIA	1 GAL.	24" o.c.	11			FRAGARIA CHILOENSIS / BEACH STRAWBERRY	PLUG	20% @ 30" o.c.	1,248	
	POLYSTICHUM MUNITUM / WESTERN SWORD FERN	1 GAL.	36" o.c.	89			FRAGARIA VESCA / WOODLAND STRAWBERRY	PLUG	20% @ 30" o.c.	1,248	
	POLYSTICHUM POLYBLEPHARUM / JAPANESE TASSEL FERN	1 GAL.	24" o.c.	54			GERANIUM MACRORRHIZUM / BIGROOT GERANIUM	4" CONTAINER	25% @ 30" o.c.	1,560	
	SEDUM HISPANICUM 'PURPLE FORM' / SPANISH STONECROP	1 GAL.	12" o.c.	135			MAHONIA REPENS / CREEPING MAHONIA	PLUG	35% @ 30" o.c.	2,184	
	SEDUM SPECTABILE 'AUTUMN JOY' / AUTUMN JOY STONECROP	1 GAL.	12" o.c.	129			ROW PLANTER STRIP MIX			3,566 SF	GROUP BY GENUS IN ODD NUMBERED GROUPINGS OF 5-15
	BOTANICAL / COMMON NAME	SIZE	SPACING	QTY	REMARKS		ARCTOSTAPHYLOS UVA-URSI / KINNIKINNICK	1 GALLON	20% @ 24" o.c.	186	
	ACER PALMATUM 'WOLFF' TM / EMPEROR I JAPANESE MAPLE	5 GAL, 6' HT MIN.	120" o.c.	13			FRAGARIA CHILOENSIS / BEACH STRAWBERRY	4" CONTAINER	10% @ 12" o.c.	371	
	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE' / AUTUMN BRILLIANCE APPLE SERVICEBERRY	10 GAL.	120" o.c.	41			FRAGARIA VESCA / WOODLAND STRAWBERRY	4" CONTAINER	10% @ 12" o.c.	371	
							GAULTHERIA SHALLON 'SNOQUALMIE PASS' / DWARF SALAL	1 GALLON	30% @ 30" o.c.	178	
							MAHONIA REPENS / CREEPING MAHONIA	1 GALLON	30% @ 24" o.c.	278	
							FRONTAGE SHRUB MIX			17,930 SF	GROUP BY SPECIES IN ODD NUMBERED GROUPINGS OF 5-15
							CORNUS STOLONIFERA 'KELSEY' / KELSEY'S DWARF RED TWIG DOGWOOD	1 GALLON	20% @ 36" o.c.	415	
							MAHONIA AQUIFOLIUM / OREGON GRAPE	1 GALLON	20% @ 36" o.c.	415	
							ROSA GYMNOCARPA / WOOD ROSE	1 GALLON	10% @ 36" o.c.	208	
							ROSA NUTKANA / NOOTKA ROSE	1 GALLON	5% @ 36" o.c.	104	
							ROSA PISOCARPA / CLUSTERED WILD ROSE	1 GALLON	5% @ 36" o.c.	104	
							SYMPHORICARPOS ALBUS / COMMON WHITE SNOWBERRY	1 GALLON	20% @ 36" o.c.	415	
							VACCINIUM OVATUM / EVERGREEN HUCKLEBERRY	1 GALLON	20% @ 36" o.c.	415	
											
											
											
											
											
											
											
											



DATE PLOTTED: 6/19/2021 10:42:17 PM FILENAME: 200330\_PLANTING PLANDWG BY: ...

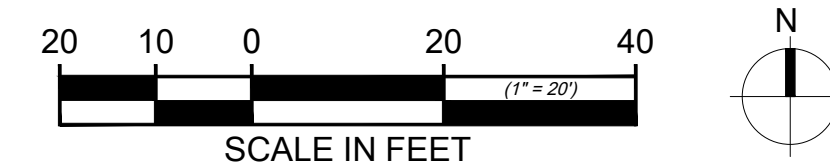
# PLANTING PLAN 1 OF 2

SCALE 1" = 20'



## NOTES

1. SEE CIVIL DRAWINGS FOR TESC AND DEMOLITION PLAN.
2. REFER TO TREE PRESERVATION PLAN FOR TREE PROTECTION MEASURES AND DETAILS.
3. REFER TO L-400 FOR L-403 FOR LANDSCAPE PLANTING SCHEDULE AND DETAILS.
4. WITHIN SIGHT TRIANGLE, PROPOSED VEGETATION SHALL PROVIDE CLEAR VIEWS BETWEEN 3'-6" AND 8'-0" ABOVE GROUND.



MATCHLINE A



**PROJECT**  
DEPARTMENT OF SOCIAL AND HEALTH SERVICES  
**2020-473 BH 48 BED COMMUNITY RTF**  
16015 NE 50TH AVE  
VANCOUVER, WA 98686

REVISIONS	

**DATE**  
06.18.2021  
**BCRA NO.**  
19093.02  
**DRAWN BY:** KB **DESIGNED BY:** AMC  
**REVIEWED BY:** AMC/MSF  
**SHEET TITLE**  
PLANTING  
PLAN 1 OF 2



