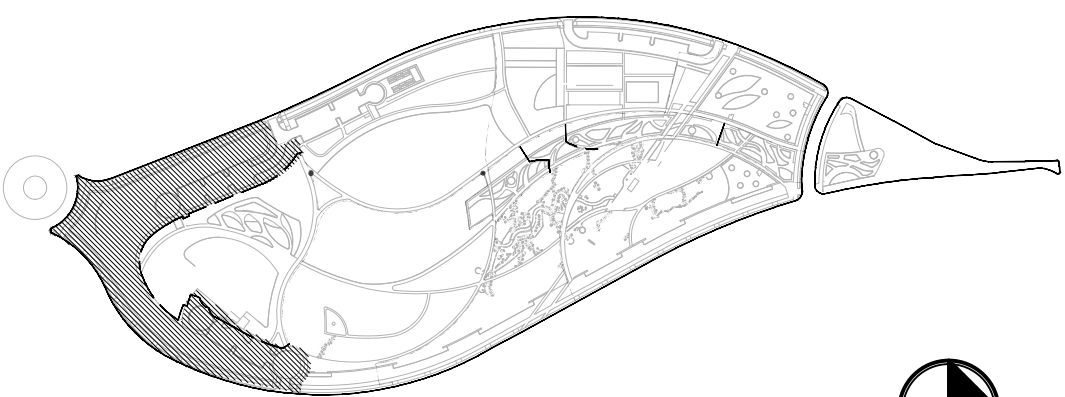


SHRUBS				
	BUD BLU	292	Buddleja x 'Blue Chip' Blue Chip Butterfly Bush	5 gal.
	CAR CLN	217	Caryopteris x clandonensis 'First Choice' First Choice Bluebeard	5 gal.
	COR HAL	25	Cornus alba 'Bailhalo' TM Ivory Halo Dogwood	5 gal.
	ERI NAU	118	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	PIN HIL	19	Pinus sylvestris 'Hillside Creeper' Hillside Creeper Scotch Pine	5 gal.
	POT RED	102	Potentilla fruticosa 'Red Ace' Red Ace Bush Cinquefoil	5 gal.
	POT DRO	16	Potentilla fruticosa 'Gold Drop' Gold Drop Bush Cinquefoil	5 gal.
	PRU PAW	60	Prunus besseyi 'P011S' TM Pawnee Buttes Sand Cherry	5 gal.
	RHU GRO	302	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal.
	RHU TAA	85	Rhus trilobata 'Autumn Amber' Autumn Amber Sumac	5 gal.
	ROS RE6	61	Rosa x 'Meineble' Red Meidiland Rose	5 gal.
	ROS NWD	247	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	ROS RWH	31	Rosa x 'Radwhite' TM White Knock Out Rose	5 gal.
	SPI JAP	308	Spiraea japonica 'Little Princess' Little Princess Japanese Spirea	5 gal.
GRASSES				
	BOU BL2	200	Bouteloua gracilis 'Blonde Ambition' <del>Blonde Ambition Blue Grama</del>	1 gal.
	CAL KAR	237	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	PAN HEA	74	Panicum virgatum 'Heavy Metal' Heavy Metal Switch Grass	5 gal.
	PAN SHD	30	Panicum virgatum 'Shenandoah' Shenandoah Switch Grass	1 gal.
	SCH ST3	373	Schizachyrium 'Standing Ovation' Standing Ovation Little Bluestem	1 gal.
	SPO HE2	36	Sporobolus heterolepis Prairie Dropseed	1 gal.
PERENNIALS				
	ACH MOO	78	Achillea x 'Moonshine' Moonshine Yarrow	1 gal.
	ECH PUR	30	Echinacea purpurea Coneflower	1 gal.
	GAU WHI	37	Gaura lindheimeri 'Whirling Butterflies' Whirling Butterflies Gaura	1 gal.
	LIA VTN	54	Liatris punctata Native Blazing Star	1 gal.
	NEP FAA	104	Nepeta x faassenii 'Walker's Low' Catmint	1 gal.
	OEN MIS	23	Oenothera macrocarpa Missouri Evening Primrose	1 gal.
	PER LIT	400	Perovskia atriplicifolia 'Little Spire' Little Spire Russian Sage	1 gal.
	RUD GO2	136	Rudbeckia fulgida sullivanii 'Goldsturm' Goldsturm Coneflower	1 gal.
GROUND COVERS				
	RE TURF	558 sf	Poa pratensis Kentucky Bluegrass Sod (reinforced)	sod
	MIX C	65,220 sf	SEED MIX C COOL SEASON TALL GRASS	seed



Scale: 1" = 30'  
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KEY MAP

PLANT SCHEDULE 400A

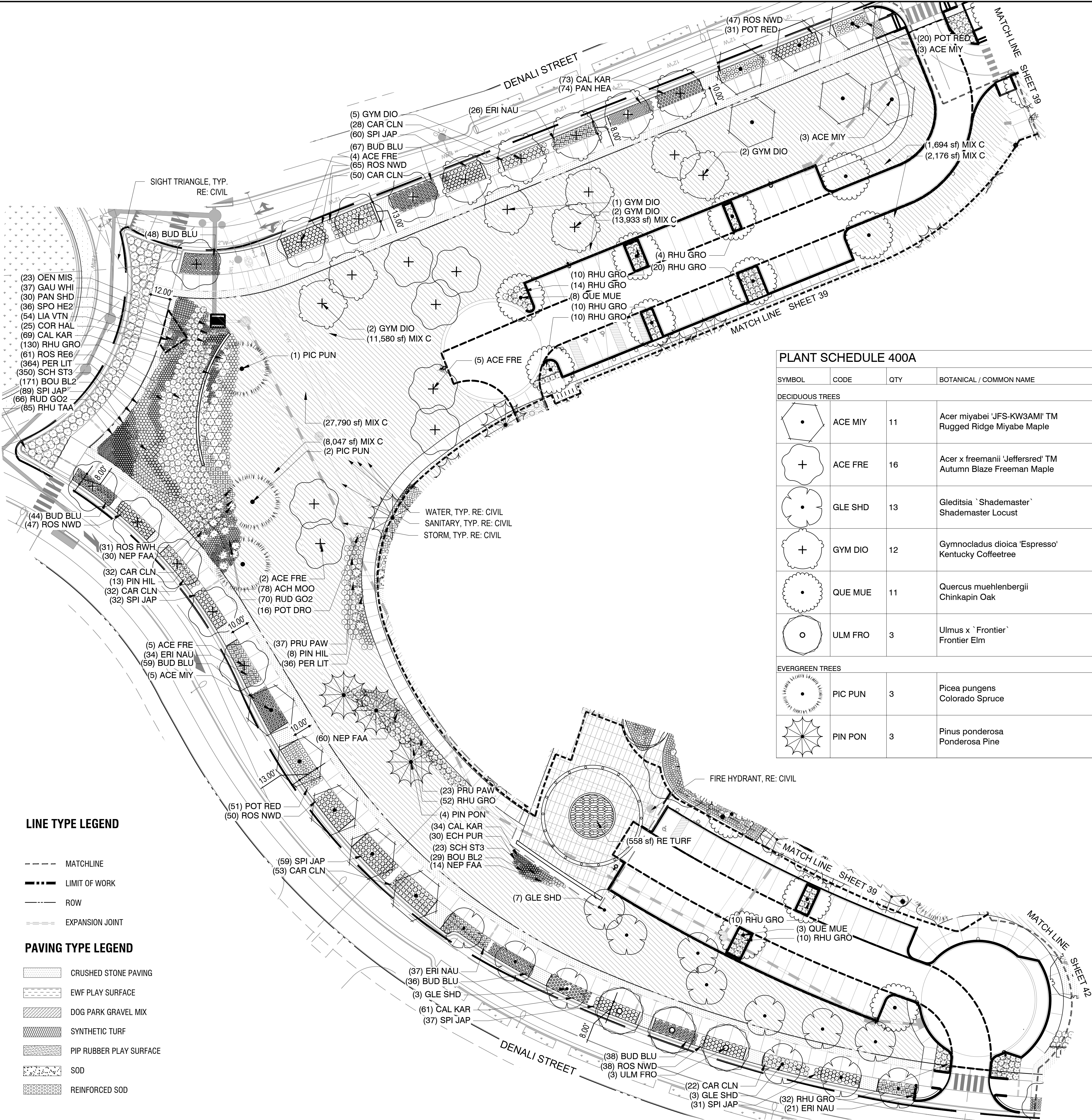
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	11	Acer miyabei 'JFS-KW3AMI' TM Rugged Ridge Miyabe Maple	B & B
	ACE FRE	16	Acer x freemanii 'Jeffersred' TM Autumn Blaze Freeman Maple	2.5" Cal.
	GLE SHD	13	Gleditsia 'Shademaster' Shademaster Locust	2.5" Cal.
	GYM DIO	12	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal.
	QUE MUE	11	Quercus muhlenbergii Chinkapin Oak	2.5" Cal.
	ULM FRO	3	Ulmus x 'Frontier' Frontier Elm	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	3	Picea pungens Colorado Spruce	8' Ht.
	PIN PON	3	Pinus ponderosa Ponderosa Pine	6' Ht.

LINE TYPE LEGEND

- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

- CRUSHED STONE PAVING
- EWf PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD

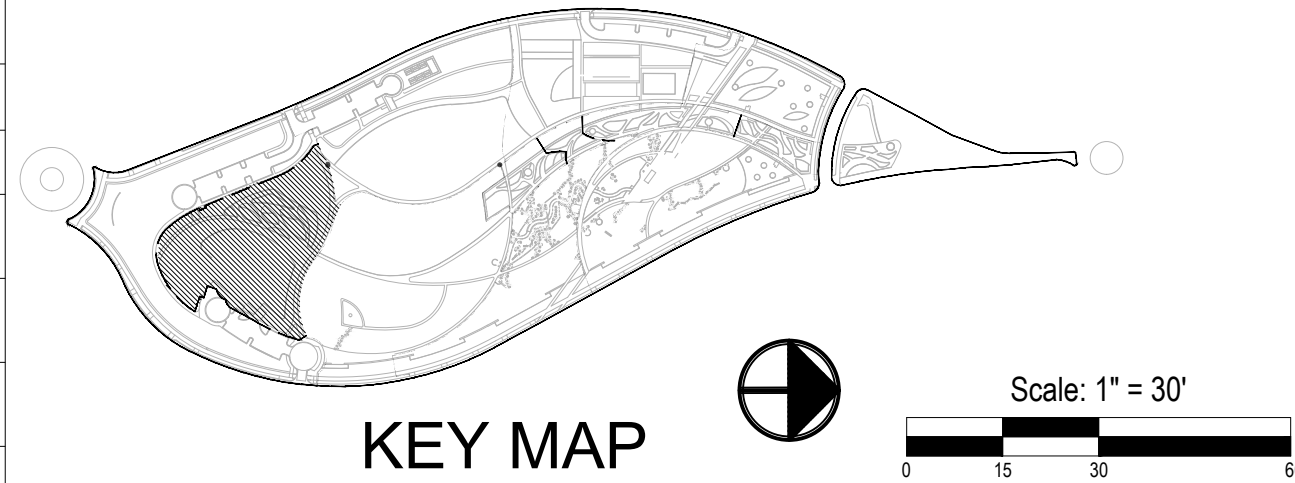






PLANT SCHEDULE 400B				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
TREES				
	PIN PO2	1	Pinus ponderosa Ponderosa Pine	12" Ht.
DECIDUOUS TREES				
	ACE MIY	3	Acer miyabei 'JFS-KW3AMI' TM Rugged Ridge Miyabe Maple	B & B
	ACE FR2	1	Acer x freemanii 'Jeffersred' TM Autumn Blaze Freeman Maple	5"-6" Caliper
	CAT SPE	3	Catalpa speciosa Northern Catalpa	2.5" Cal.
	GLE SKY	16	Gleditsia `Skyline` Skyline Honey Locust	2.5" Cal.
	PYR CAL	4	Pyrus calleryana 'Redspire' Redspire Callery Pear	2" Cal.
	QUE MUE	3	Quercus muehlenbergii Chinkapin Oak	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	3	Picea pungens Colorado Spruce	8` Ht.
	PIN PON	14	Pinus ponderosa Ponderosa Pine	6` Ht.
SHRUBS				
	AMO LEA	46	Amorpha canescens Leadplant	5 gal.
	ARO MLN	93	Aronia melanocarpa Black Chokeberry	---
	CAR PYG	17	Caragana pygmaea Pygmy Peashrub	5 gal.
	COR ISA	60	Cornus sericea 'Isanti' Isanti Red Twig Dogwood	---
	HES PAR	60	Hesperaloe parviflora Red Yucca	5 gal.
	PIN HIL	2	Pinus sylvestris `Hillside Creeper` Hillside Creeper Scotch Pine	5 gal
	RHU GRO	20	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal
	ROS RWH	70	Rosa x `Radwhite` TM White Knock Out Rose	5 gal.
	VIB DEN	11	Viburnum dentatum 'Christom' Blue Muffin Arrowwood Viburnum	5 gal.
GRASSES				
	BOU BL2	1,728	Bouteloua gracilis 'Blonde Ambition' Blonde Ambition Blue Grama	1 gal.
	FES SIS	88	Festuca idahoensis `Siskiyou Blue` Siskiyou Blue Fescue	1 gal.
	HAK AUR	39	Hakonechloa macra 'Aureola' Golden Variegated Forest Grass	1 gal.
	MIS SAR	29	Miscanthus sinensis 'Silver Feather' Silver Feather Maiden Grass	1 gal.
	MUH REV	39	Muhlenbergia reverchonii 'Undaunted' Undaunted Ruby Muhly	1 gal.
	NAS TEN	72	Nassella tenuissima Mexican Feather Grass	---
	SCH ST3	573	Schizachyrium `Standing Ovation` Standing Ovation Little Bluestem	1 gal.
PERENNIALS				
	AST MON	256	Aster x frikartii `Monch` Monch Frikart's Aster	1 gal.
	NEP FAA	60	Nepeta x faassenii 'Walker's Low' Catmint	1 gal.
	PER LIT	74	Perovskia atriplicifolia 'Little Spire' Little Spire Russian Sage	1 gal.
	STA HEL	481	Stachys byzantina 'Helen von Stein' Helen von Stein Lamb's Ear	1 gal.
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
GROUND COVERS				
	RE TURF	459 sf	Poa pratensis Kentucky Bluegrass Sod (reinforced)	sod
	TURF	6,138 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX B	6,561 sf	SEED MIX B WARM SEASON SHORT GRASS	seed
	MIX C	42,276 sf	SEED MIX C COOL SEASON TALL GRASS	seed
	MIX D	5,741 sf	SEED MIX D COOL SEASON SHORT GRASS	seed

NOT FOR CONSTRUCTION



CIVITAS  
1200 Bannock St.  
Denver, CO 80204  
Tel. 303 571.0053  
Fax 303 425.0438

DISCOVERY PARK  
AURORA, COLORADO  
WINDLER

GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp:

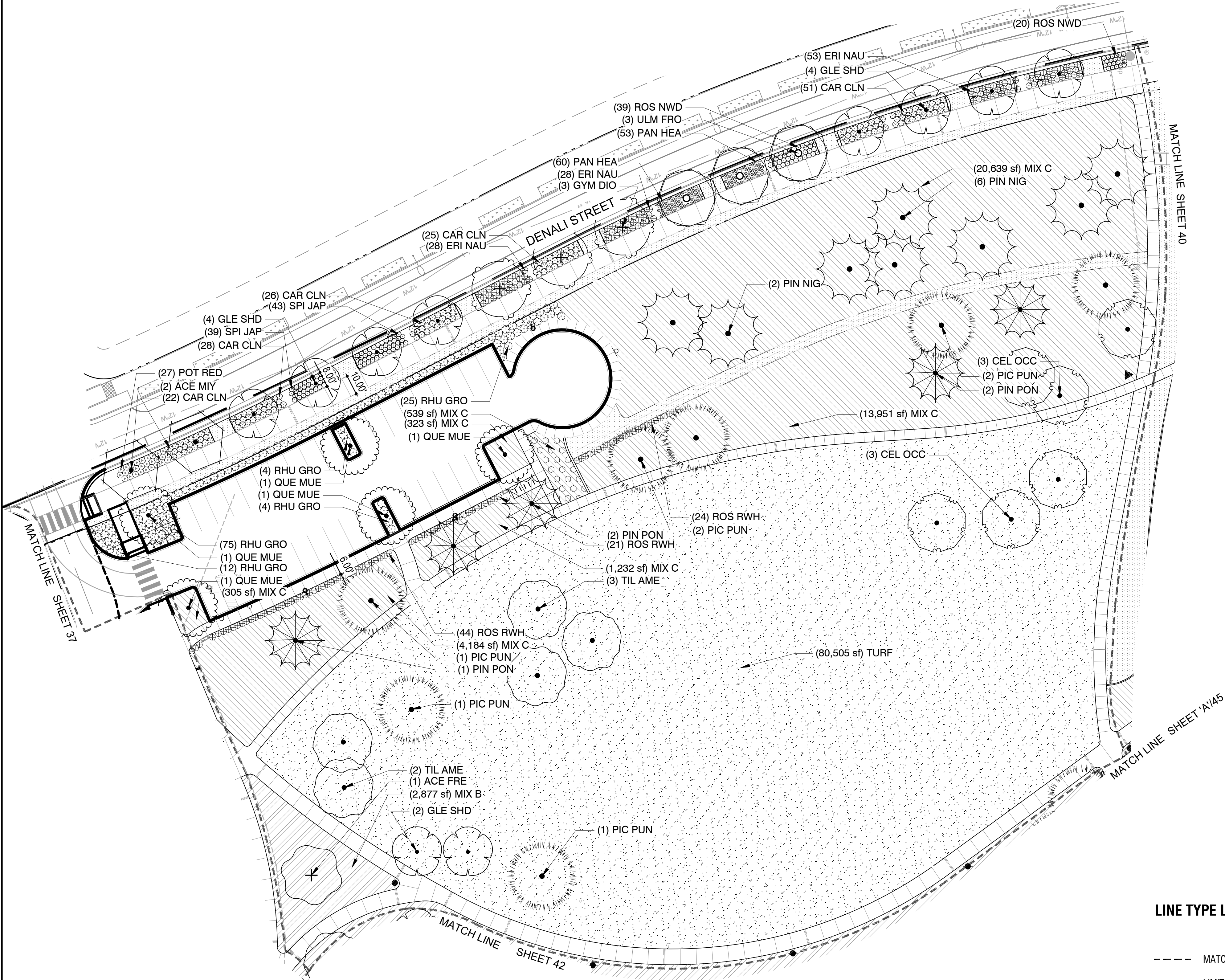
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1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

Revisions:

CVT Proj. #: 2-21-0036  
Drawn: DL, HM  
Checked: HM, CV

L-400B  
PLANTING





LINE TYPE LEGEND

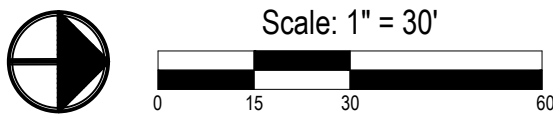
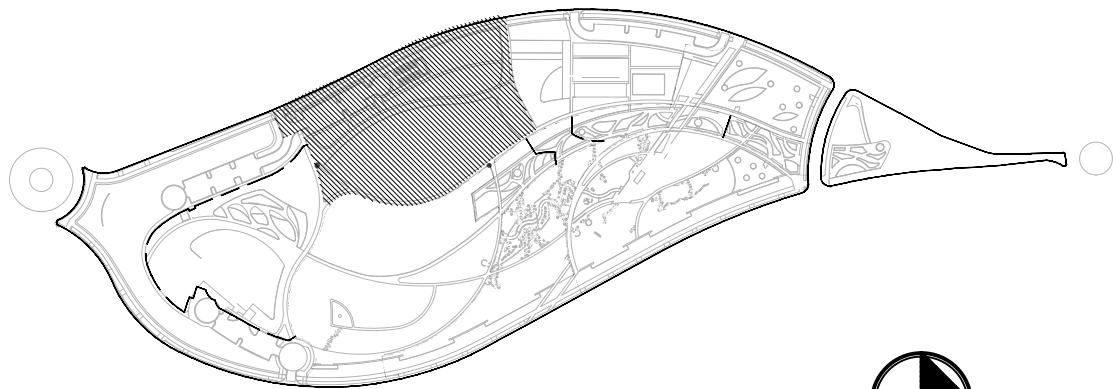
- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

- CRUSHED STONE PAVING
- EWIF PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD

PLANT SCHEDULE L-401

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	2	Acer miyabei 'JFS-KW3AMI' TM Rugged Ridge Miyabe Maple	B & B
	ACE FRE	1	Acer x freemanii 'Jeffersred' TM Autumn Blaze Freeman Maple	2.5" Cal.
	CEL OCC	6	Celtis occidentalis Common Hackberry	2.5" Cal.
	GLE SHD	10	Gleditsia 'Shademaster' Shademaster Locust	2.5" Cal.
	GYM DIO	3	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal.
	QUE MUE	5	Quercus muehlenbergii Chinkapin Oak	2.5" Cal.
	TIL AME	5	Tilia americana 'Redmond' Redmond American Linden	2.5" Cal.
	ULM FRO	3	Ulmus x 'Frontier' Frontier Elm	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	7	Picea pungens Colorado Spruce	8' Ht.
	PIN NIG	8	Pinus nigra Austrian Pine	8'-10' H
	PIN PON	5	Pinus ponderosa Ponderosa Pine	6' Ht.
SHRUBS				
	CAR CLN	152	Caryopteris x clandonensis 'First Choice' First Choice Bluebeard	5 gal
	ERI NAU	109	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	POT RED	27	Potentilla fruticosa 'Red Ace' Red Ace Bush Cinquefoil	5 gal.
	RHU GRO	119	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal
	ROS NWD	59	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	ROS RWH	89	Rosa x 'Radwhite' TM White Knock Out Rose	5 gal.
	SPI JAP	82	Spiraea japonica 'Little Princess' Little Princess Japanese Spirea	5 gal.
GRASSES				
	PAN HEA	113	Panicum virgatum 'Heavy Metal' Heavy Metal Switch Grass	5 gal.
GROUND COVERS				
	TURF	80,505 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX B	2,877 sf	SEED MIX B WARM SEASON SHORT GRASS	seed
	MIX C	41,173 sf	SEED MIX C COOL SEASON TALL GRASS	seed



GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp:

Issue Record:	
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3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

Revisions:

CVT Proj. #: 2-21-0036

Drawn: DL, HM

Checked: HM, CV



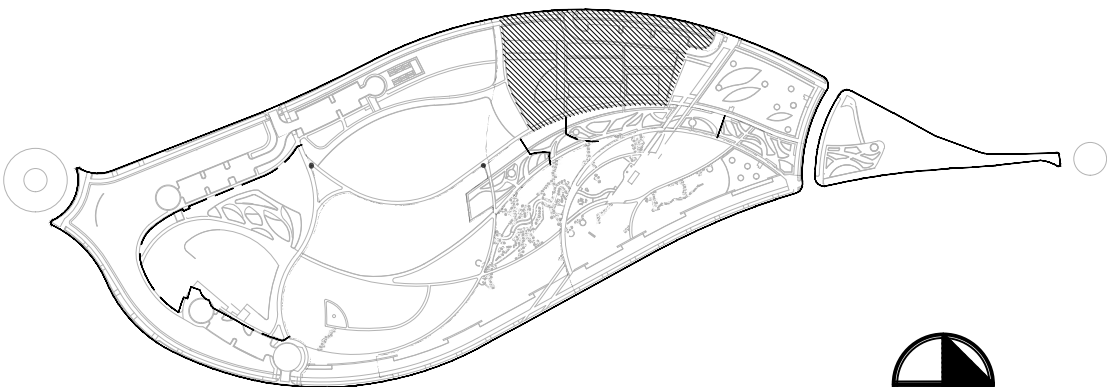
PLANT SCHEDULE L-402				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	7	Acer miyabei 'JFS-KW3AMI' TM Rugged Ridge Miyabe Maple	B & B
	GYM DIO	6	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal
	PYR CAL	105	Pyrus calleryana 'Redspire' Redspire Callery Pear	2" Cal.
	QUE MUE	5	Quercus muehlenbergii Chinkapin Oak	2.5" Cal
	ULM FRO	3	Ulmus x `Frontier` Frontier Elm	2.5" Cal
EVERGREEN TREES				
	PIC PUN	1	Picea pungens Colorado Spruce	8` Ht.
SHRUBS				
	BUD BLU	20	Buddleja x `Blue Chip` Blue Chip Butterfly Bush	5 gal.
	CAR CLN	65	Caryopteris x clandonensis `First Choice` First Choice Bluebeard	5 gal
	ERI NAU	46	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	RHU GRO	20	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal
	ROS NWD	153	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	SPI JAP	57	Spiraea japonica `Little Princess` Little Princess Japanese Spirea	5 gal.
GRASSES				
	CAL KAR	433	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	PAN HEA	65	Panicum virgatum 'Heavy Metal' Heavy Metal Switch Grass	5 gal.
	PAN SHD	317	Panicum virgatum `Shenandoah` Shenandoah Switch Grass	1 gal.
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
GROUND COVERS				
	TURF	5,032 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX B	3,727 sf	SEED MIX B WARM SEASON SHORT GRASS	seed
	MIX C	39,330 sf	SEED MIX C COOL SEASON TALL GRASS	seed

LINE TYPE LEGEND

- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

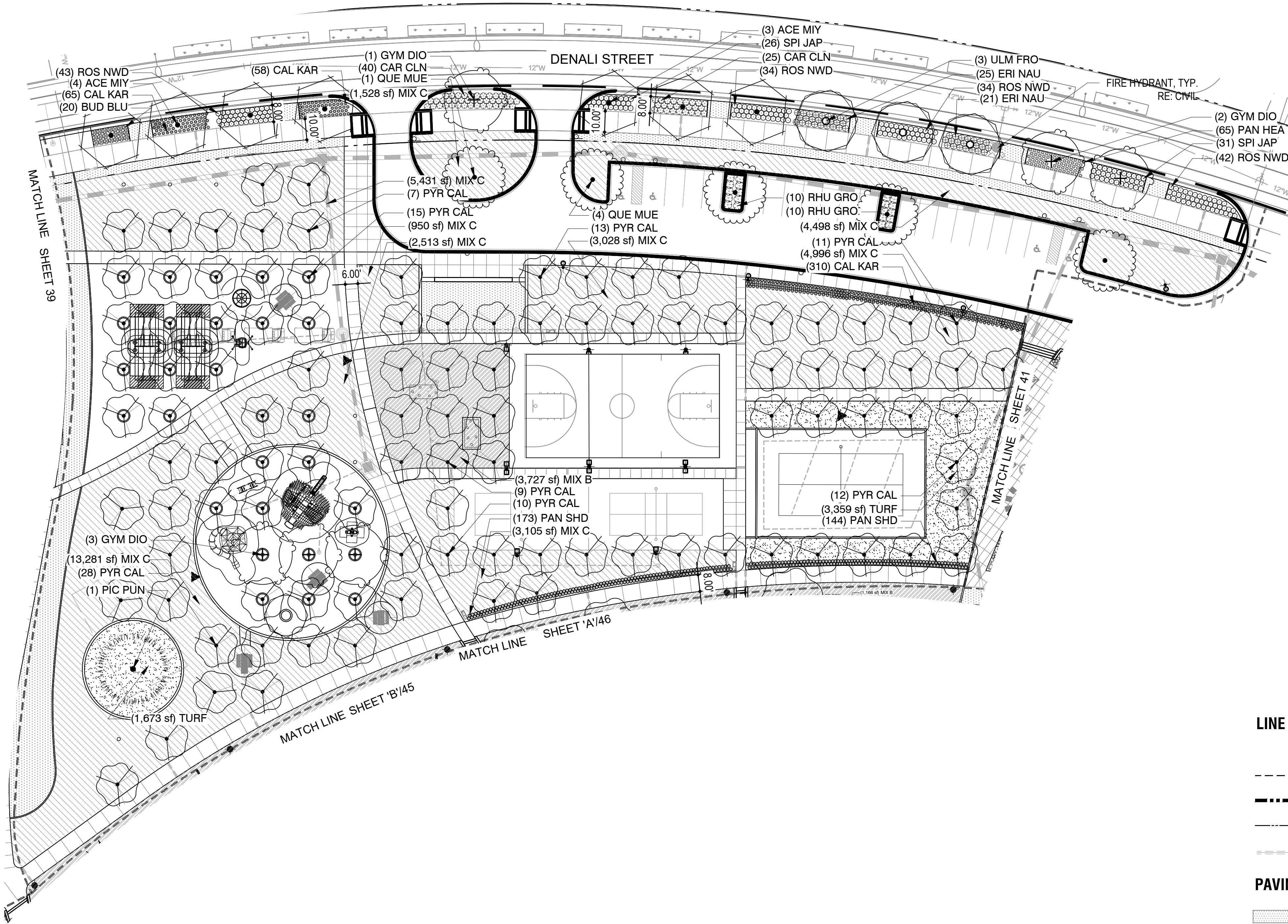
- CRUSHED STONE PAVING
- EWf PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD



KEY MAP



Scale: 1" = 30'





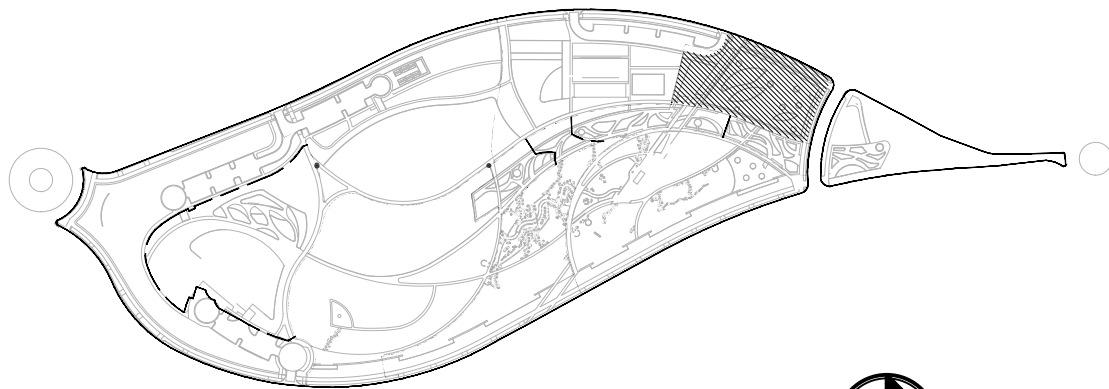
PLANT SCHEDULE L-403				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	2	Acer miyabei 'JFS-KW3AM' TM Rugged Ridge Miyabe Maple	B & B
	CEL OCC	4	Celtis occidentalis Common Hackberry	2.5" Cal.
	GLE SHD	3	Gleditsia 'Shademaster' Shademaster Locust	2.5" Cal.
	GYM DIO	3	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	3	Picea pungens Colorado Spruce	8' Ht.
	PIN PON	3	Pinus ponderosa Ponderosa Pine	6' Ht.
SHRUBS				
	BUD BLU	31	Buddleja x 'Blue Chip' Blue Chip Butterfly Bush	5 gal.
	HES PAR	46	Hesperaloe parviflora Red Yucca	5 gal.
	MAH COM	274	Mahonia aquifolium Oregon Grape Holly	5 gal.
	PRU PAW	39	Prunus besseyi 'P011S' TM Pawnee Buttes Sand Cherry	5 gal.
	ROS NWD	79	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	SPI JAP	28	Spiraea japonica 'Little Princess' Little Princess Japanese Spirea	5 gal.
GRASSES				
	CAL KAR	138	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	SCH ST3	89	Schizachyrium 'Standing Ovation' Standing Ovation Little Bluestem	1 gal.
GROUND COVERS				
	TURF	1,901 sf	Poa pratensis Kentucky Bluegrass Sod	sod

LINE TYPE LEGEND

- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

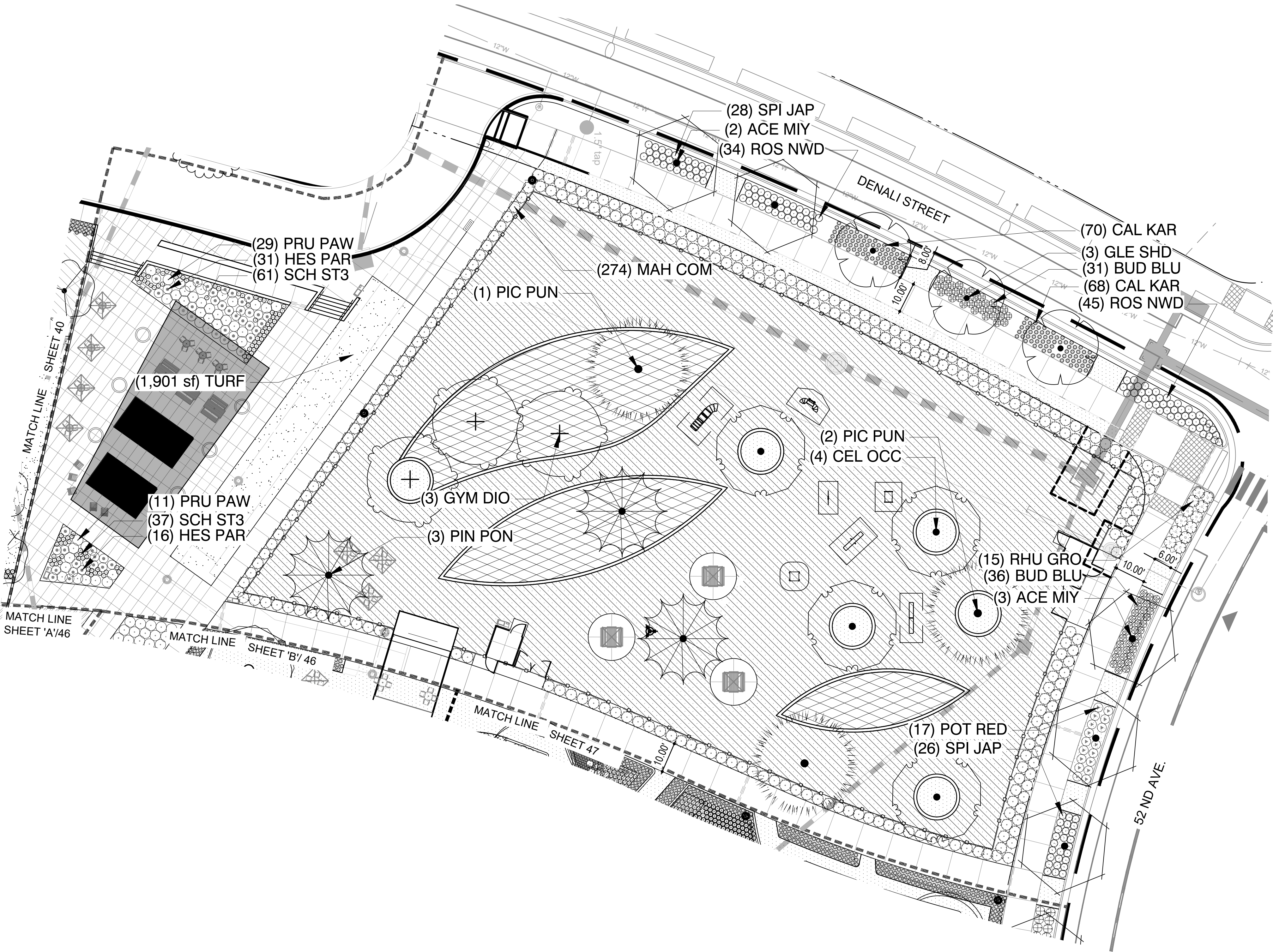
- CRUSHED STONE PAVING
- EWf PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD



KEY MAP



Scale: 1" = 20'





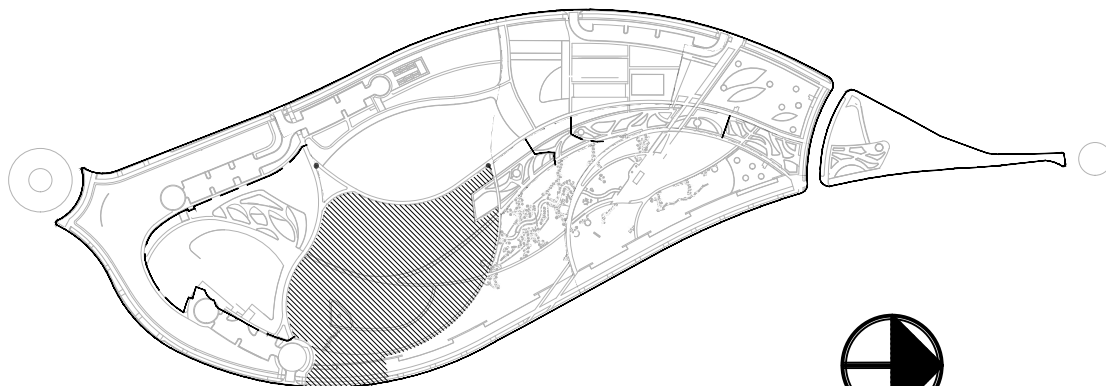
PLANT SCHEDULE L-404				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE FRE	2	Acer x freemanii 'Jeffersred' TM Autumn Blaze Freeman Maple	2.5" Cal.
	ALN TNF	1	Alnus incana tenuifolia Thinleaf Alder	2" Cal.
	CAT SPE	2	Catalpa speciosa Northern Catalpa	2.5" Cal.
	CEL OCC	15	Celtis occidentalis Common Hackberry	2.5" Cal.
	GLE SHD	1	Gleditsia 'Shademaster' Shademaster Locust	2.5" Cal.
	GYM DIO	10	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal.
	QUE MUE	3	Quercus muehlenbergii Chinkapin Oak	2.5" Cal.
	TIL AME	4	Tilia americana 'Redmond' Redmond American Linden	2.5" Cal.
	ULM FRO	4	Ulmus x 'Frontier' Frontier Elm	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	6	Picea pungens Colorado Spruce	8' Ht.
	PIN PON	11	Pinus ponderosa Ponderosa Pine	6' Ht.
SHRUBS				
	ERI NAU	28	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	ROS RE6	51	Rosa x 'Meineble' Red Meidiland Rose	5 gal.
	ROS NWD	81	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
GRASSES				
	CAL KAR	149	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	PAN HEA	74	Panicum virgatum 'Heavy Metal' Heavy Metal Switch Grass	5 gal.
GROUND COVERS				
	TURF	50,411 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX A	18,032 sf	SEED MIX A WARM SEASON TALL GRASS	seed
	MIX B	19,412 sf	SEED MIX B WARM SEASON SHORT GRASS	seed
	MIX C	36,158 sf	SEED MIX C COOL SEASON TALL GRASS	seed

LINE TYPE LEGEND

- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

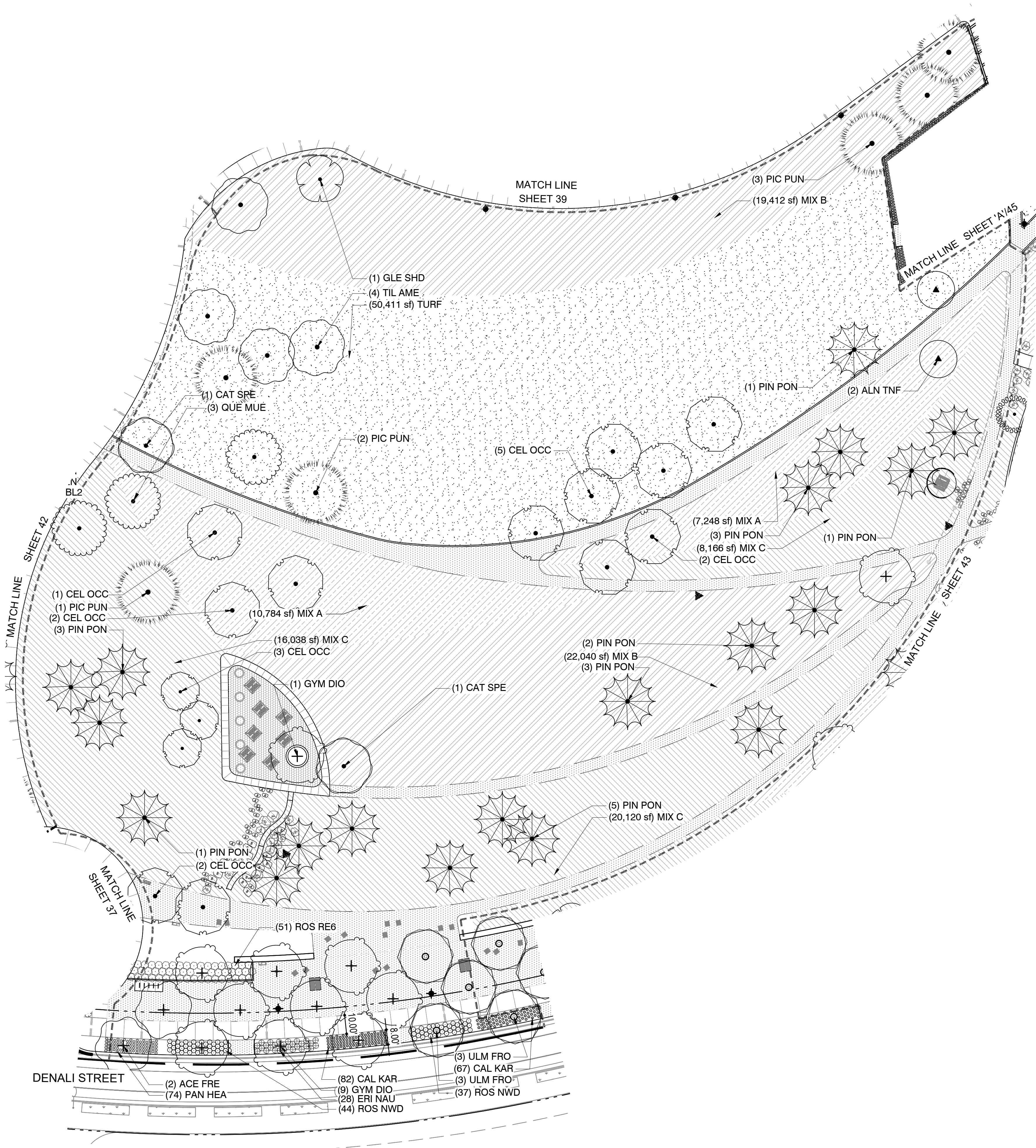
- CRUSHED STONE PAVING
- EWf PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD



KEY MAP



Scale: 1" = 30'



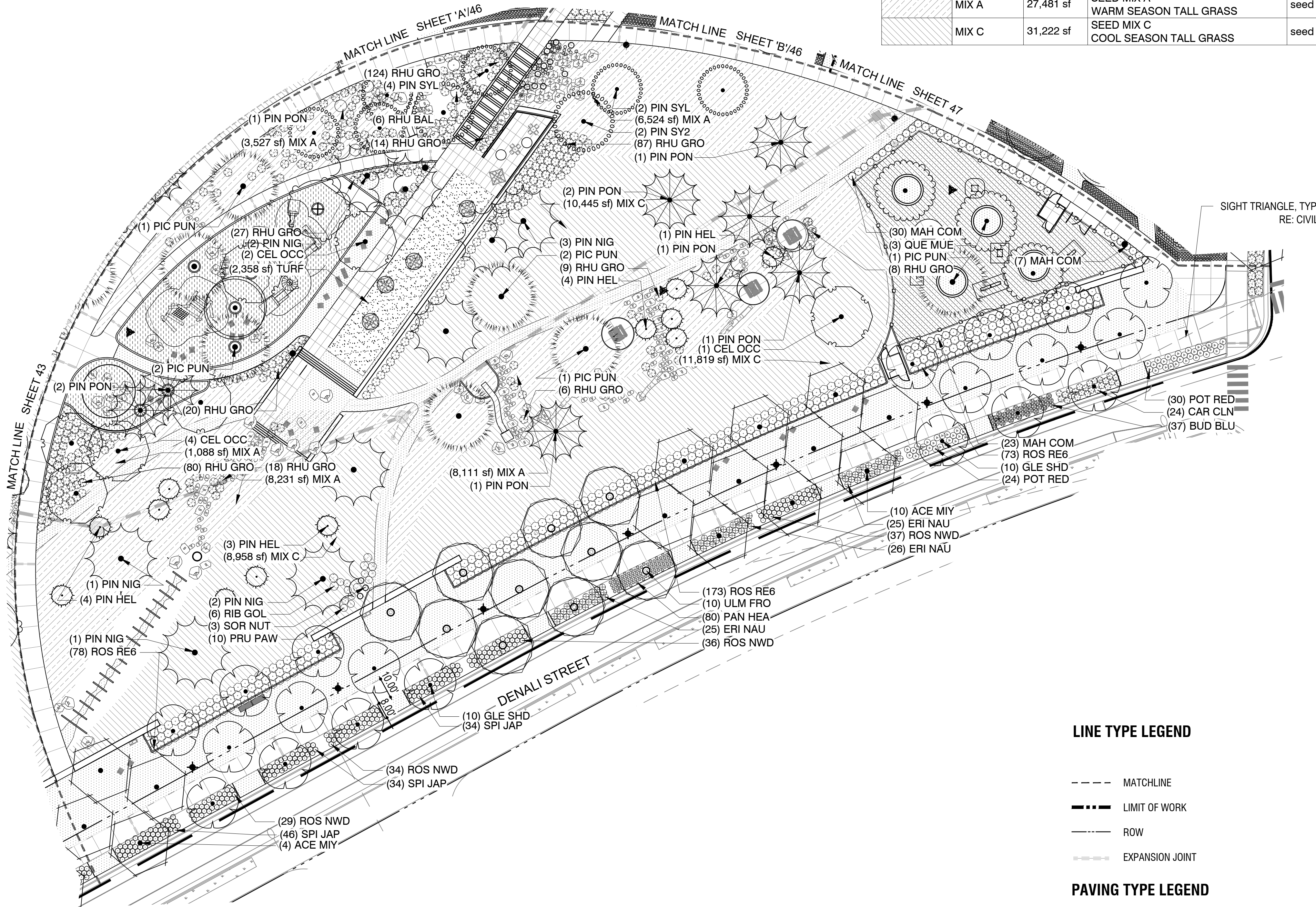






PERENNIALS				
	AGA CR2	21	Agastache aurantiaca 'Coronado' Coronado Giant Hyssop	1 gal.
	ECH TOT	36	Echinacea x 'Tomato Soup' Tomato Soup Coneflower	1 gal.
GROUND COVERS				
	TURF	2,358 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX A	27,481 sf	SEED MIX A WARM SEASON TALL GRASS	seed
	MIX C	31,222 sf	SEED MIX C COOL SEASON TALL GRASS	seed

PLANT SCHEDULE L-406				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	14	Acer miyabei 'JFS-KW3AMI' TM Rugged Ridge Miyabe Maple	B & B
	CEL OCC	7	Celtis occidentalis Common Hackberry	2.5" Cal.
	GLE SHD	20	Gleditsia `Shademaster` Shademaster Locust	2.5" Cal.
	GLE SKY	1	Gleditsia `Skyline` Skyline Honey Locust	2.5" Cal.
	GYM DIO	1	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal.
	QUE MUE	3	Quercus muehlenbergii Chinkapin Oak	2.5" Cal.
	ULM FRO	10	Ulmus x `Frontier` Frontier Elm	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	7	Picea pungens Colorado Spruce	8' Ht.
	PIN HEL	12	Pinus heldreichii Bosnian Pine	6' Ht.
	PIN NIG	9	Pinus nigra Austrian Pine	8' -10' H
	PIN PON	8	Pinus ponderosa Ponderosa Pine	6' Ht.
	PIN SYL	6	Pinus sylvestris Scotch Pine	6' Ht.
	PIN SY2	2	Pinus sylvestris Scotch Pine w nice form	8' Ht.
SHRUBS				
	BUD BLU	37	Buddleja x `Blue Chip` Blue Chip Butterfly Bush	5 gal.
	CAR CLN	24	Caryopteris x clandonensis `First Choice` First Choice Bluebeard	5 gal
	ERI NAU	76	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	MAH COM	60	Mahonia aquifolium Oregon Grape Holly	5 gal.
	POT RED	54	Potentilla fruticosa 'Red Ace' Red Ace Bush Cinquefoil	5 gal.
	PRU PAW	10	Prunus besseyi 'P011S' TM Pawnee Buttes Sand Cherry	5 gal.
	RHU GRO	371	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal
	RHU BAL	6	Rhus typhina 'Baltiger' TM Tiger Eyes Staghorn Sumac	5 gal
	RIB GOL	6	Ribes aureum Golden Currant	5 gal.
	ROS RE6	324	Rosa x 'Meineble' Red Meidiland Rose	5 gal.
	ROS NWD	136	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	SPI JAP	114	Spiraea japonica `Little Princess` Little Princess Japanese Spirea	5 gal.
GRASSES				
	CAL KAR	1	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	PAN HEA	80	Panicum virgatum 'Heavy Metal' Heavy Metal Switch Grass	5 gal.
	SCH ST3	56	Schizachyrium `Standing Ovation` Standing Ovation Little Bluestem	1 gal.
	SOR NUT	25	Sorghastrum nutans Indian Grass	1 gal.

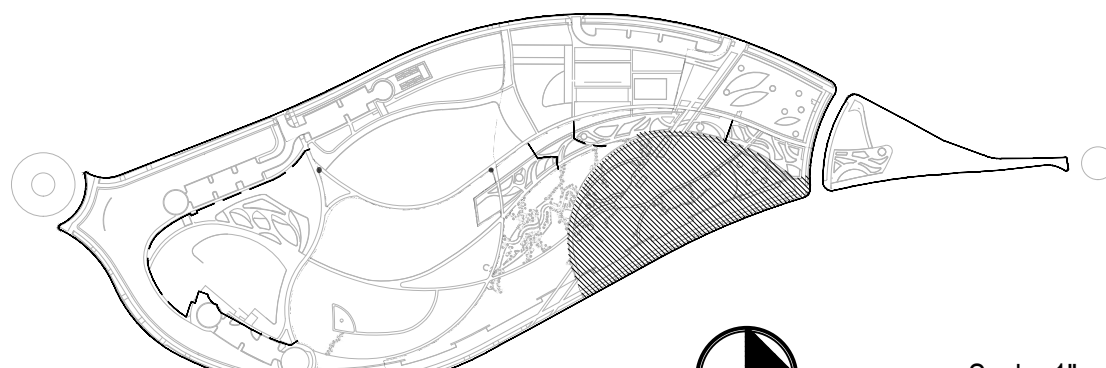


LINE TYPE LEGEND

- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

- CRUSHED STONE PAVING
- EWf PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD



Scale: 1" = 30'





LINE TYPE LEGEND

- MATCHLINE  
--- LIMIT OF WORK  
--- ROW  
--- EXPANSION JOINT

PAVING TYPE LEGEND

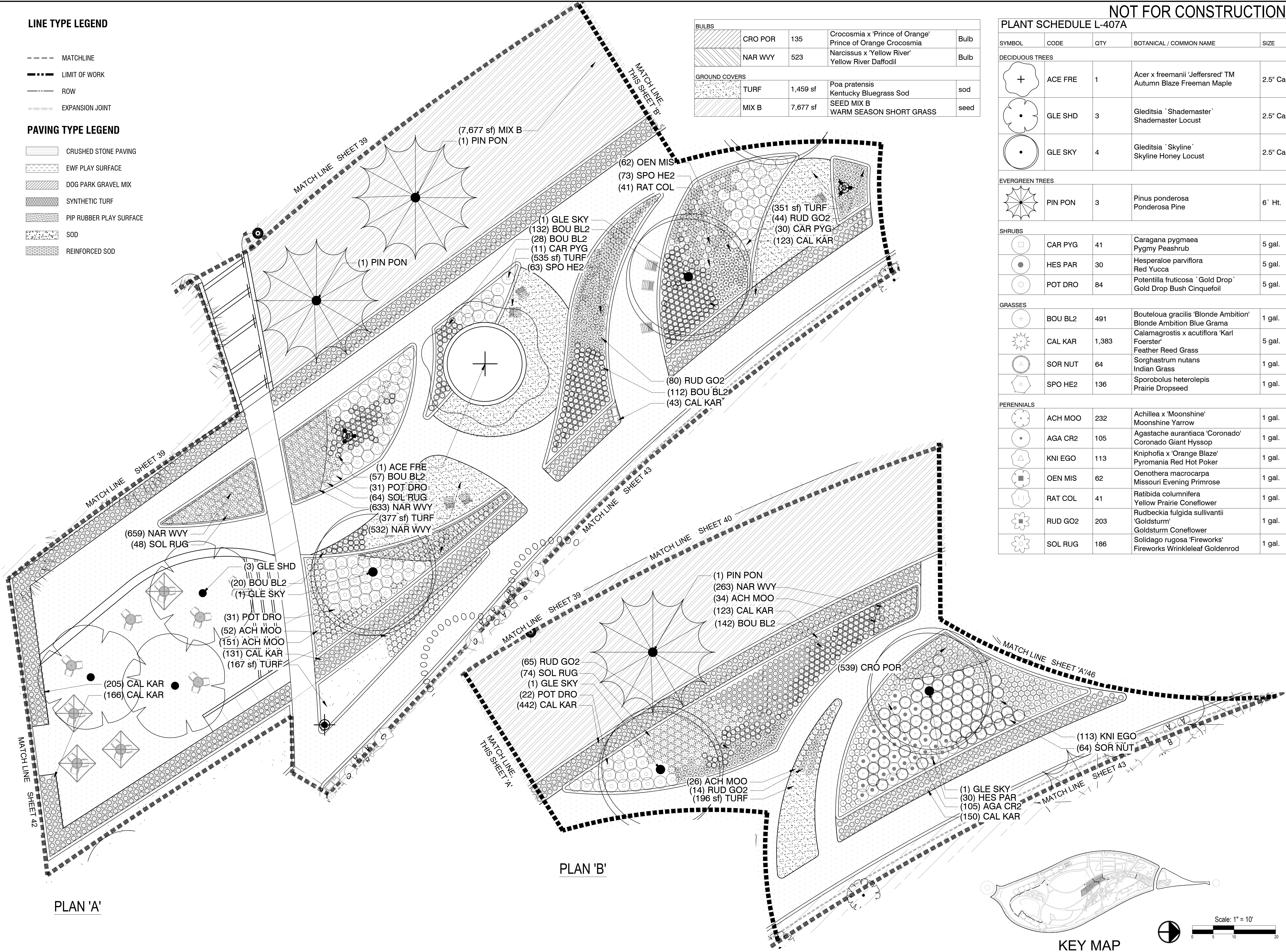
- CRUSHED STONE PAVING  
EWF PLAY SURFACE  
DOG PARK GRAVEL MIX  
SYNTHETIC TURF  
PIP RUBBER PLAY SURFACE  
SOD  
REINFORCED SOD

BULBS	CRO POR	135	Crococsmia x 'Prince of Orange' Prince of Orange Crocosmia	Bulb
	NAR WVY	523	Narcissus x 'Yellow River' Yellow River Daffodil	Bulb
GROUND COVERS	TURF	1,459 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX B	7,677 sf	SEED MIX B WARM SEASON SHORT GRASS	seed

NOT FOR CONSTRUCTION

PLANT SCHEDULE L-407A

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE FRE	1	Acer x freemanii 'Jeffersred' TM Autumn Blaze Freeman Maple	2.5" Cal.
	GLE SHD	3	Gleditsia 'Shademaster' Shademaster Locust	2.5" Cal.
	GLE SKY	4	Gleditsia 'Skyline' Skyline Honey Locust	2.5" Cal.
EVERGREEN TREES				
	PIN PON	3	Pinus ponderosa Ponderosa Pine	6' Ht.
SHRUBS				
	CAR PYG	41	Caragana pygmaea Pygmy Peashrub	5 gal.
	HES PAR	30	Hesperaloe parviflora Red Yucca	5 gal.
	POT DRO	84	Potentilla fruticosa 'Gold Drop' Gold Drop Bush Cinquefoil	5 gal.
GRASSES				
	BOU BL2	491	Bouteloua gracilis 'Blonde Ambition' Blonde Ambition Blue Grama	1 gal.
	CAL KAR	1,383	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	SOR NUT	64	Sorghastrum nutans Indian Grass	1 gal.
	SPO HE2	136	Sporobolus heterolepis Prairie Dropseed	1 gal.
PERENNIALS				
	ACH MOO	232	Achillea x 'Moonshine' Moonshine Yarrow	1 gal.
	AGA CR2	105	Agastache aurantiaca 'Coronado' Coronado Giant Hyssop	1 gal.
	KNI EGO	113	Kniphofia x 'Orange Blaze' Pyromania Red Hot Poker	1 gal.
	OEN MIS	62	Oenothera macrocarpa Missouri Evening Primrose	1 gal.
	RAT COL	41	Ratibida columnifera Yellow Prairie Coneflower	1 gal.
	RUD GO2	203	Rudbeckia fulgida sullivantii 'Goldsturm' Goldsturm Coneflower	1 gal.
	SOL RUG	186	Solidago rugosa 'Fireworks' Fireworks Wrinkleleaf Goldenrod	1 gal.



Stamp:

Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

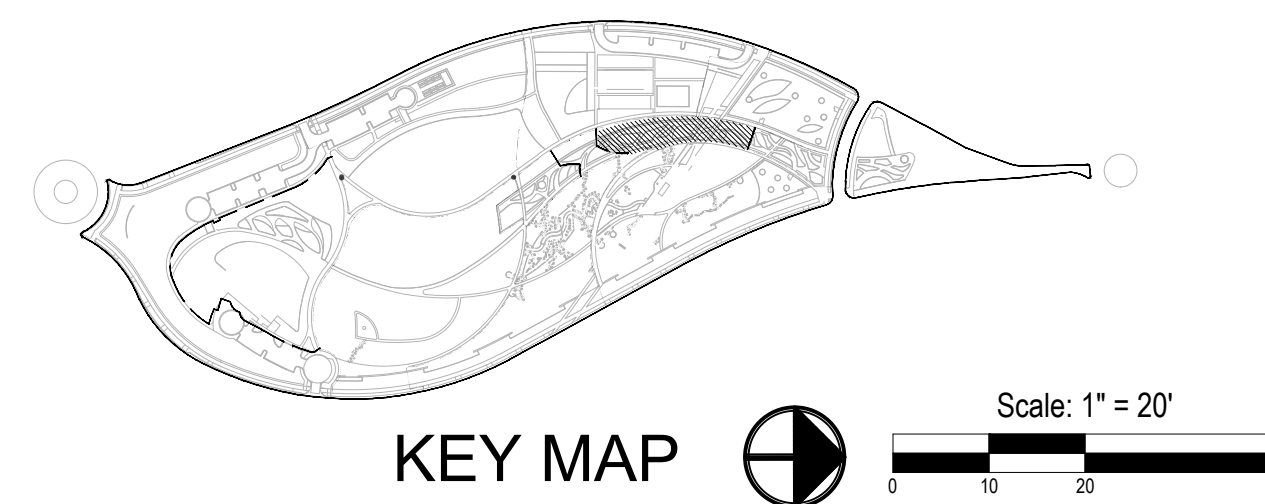
Revisions:


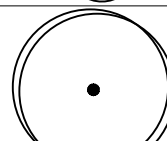
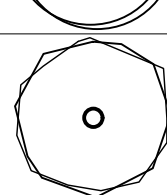


















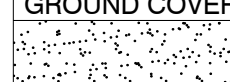
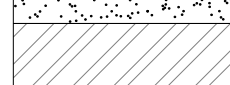
CVT Proj. #: 2-21-0036

Drawn: DL, HM

Checked: HM, CV





SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
<b>DECIDUOUS TREES</b>				
	ACE FRE	4	Acer x freemantii 'Jeffersred' TM Autumn Blaze Freeman Maple	2.5" Cal.
	GLE SKY	6	Gleditsia 'Skyline' Skyline Honey Locust	2.5" Cal.
	ULM FRO	1	Ulmus x 'Frontier' Frontier Elm	2.5" Cal.
<b>SHRUBS</b>				
	POT RED	12	Potentilla fruticosa 'Red Ace' Red Ace Bush Cinquefoil	5 gal.
	PRU PAW	44	Prunus besseyi 'P011S' TM Pawnee Buttes Sand Cherry	5 gal.
	RHU GRO	84	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal
<b>GRASSES</b>				
	BOU BL2	229	Bouteloua gracilis 'Blonde Ambition' Blonde Ambition Blue Grama	1 gal.
	CAL KAR	1,275	Calamagrostis x acutiflora 'Karl Foerster' Feather Reed Grass	5 gal.
	PAN HEA	80	Panicum virgatum 'Heavy Metal' Heavy Metal Switch Grass	5 gal.
	PAN SHD	358	Panicum virgatum 'Shenandoah' Shenandoah Switch Grass	1 gal.
	SOR NUT	67	Sorghastrum nutans Indian Grass	1 gal.
	SPO HE2	176	Sporobolus heterolepis Prairie Dropseed	1 gal.
<b>PERENNIALS</b>				
	ACH TER	178	Achillea millefolium 'Terra Cotta' Terra Cotta Common Yarrow	1 gal.
	AGA CR2	163	Agastache aurantiaca 'Coronado' Coronado Giant Hyssop	1 gal.
	ECH TOT	251	Echinacea x 'Tomato Soup' Tomato Soup Coneflower	1 gal.
	HEM FUL	229	Hemerocallis fulva Orange Daylily	1 gal.
	KNI EGO	84	Kniphofia x 'Orange Blaze' Pyromania Red Hot Poker	1 gal.
	MON CAM	281	Monarda x 'Cambridge Scarlet' Cambridge Scarlet Bee Balm	1 gal.
	RAT PUL	77	Ratibida columnifera pulcherrima Prairie Red Coneflower	1 gal.
<b>BULBS</b>				
	CRO POR	219	Crocosmia x 'Prince of Orange' Prince of Orange Crocosmia	Bulb
	TUL XRE	139	Tulipa x 'Red Impression' Red Impression Tulip	Bulb
<b>GROUND COVERS</b>				
	TURF	711 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX B	3,556 sf	SEED MIX B WARM SEASON SHORT GRASS	seed



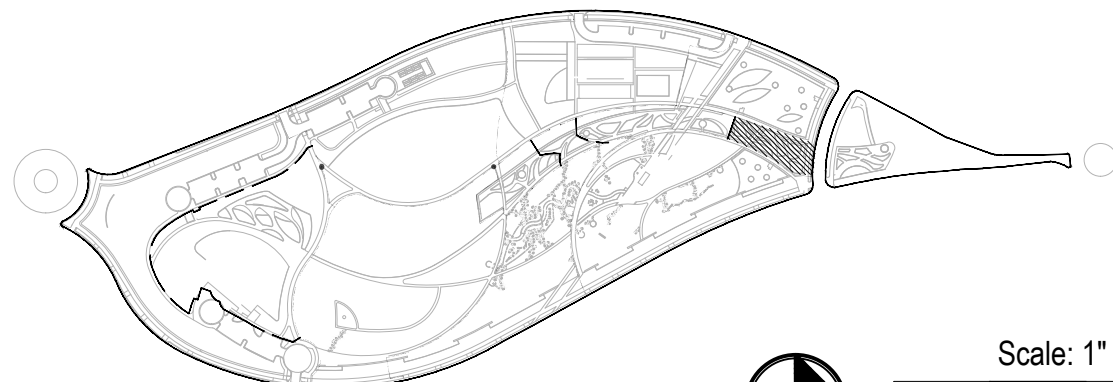
PLANT SCHEDULE L-407C				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	2	Acer miyabei 'JFS-KW3AMI' TM Rugged Ridge Miyabe Maple	B & B
	GLE SKY	4	Gleditsia `Skyline` Skyline Honey Locust	2.5" Ca
	ULM FRO	1	Ulmus x `Frontier` Frontier Elm	2.5" Ca
SHRUBS				
	AMO LEA	21	Amorpha canescens Leadplant	5 gal.
	ERI NAU	22	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	RHU GRO	20	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal
	ROS NWD	31	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	SPI JAP	27	Spiraea japonica `Little Princess` Little Princess Japanese Spirea	5 gal.
GRASSES				
	CAL KAR	887	Calamagrostis x acutiflora 'Karl Foerster Feather Reed Grass	5 gal.
	MIS SAR	36	Miscanthus sinensis `Silver Feather` Silver Feather Maiden Grass	1 gal.
	MUH REV	407	Muhlenbergia reverchonii `Undaunted` Undaunted Ruby Muhly	1 gal.
	SCH ST3	428	Schizachyrium `Standing Ovation` Standing Ovation Little Bluestem	1 gal.
PERENNIALS				
	AST MON	82	Aster x frikartii `Monch` Monch Frikart` s Aster	1 gal.
	CEN RUB	111	Centranthus ruber Red Valerian	1 gal.
	ECH PUR	117	Echinacea purpurea Coneflower	1 gal.
	GAU WHI	54	Gaura lindheimeri `Whirling Butterflies` Whirling Butterflies Gaura	1 gal.
	LIA VTN	99	Liatris punctata Native Blazing Star	1 gal.
	LIA KOB	139	Liatris spicata 'Kobold' Kobold Blazing Star	1 gal.
	NEP FAA	63	Nepeta x faassenii 'Walker's Low' Catmint	1 gal.
	PER LIT	82	Perovskia atriplicifolia 'Little Spire' Little Spire Russian Sage	1 gal.
	SED AU3	80	Sedum x 'Autumn Joy' Autumn Joy Sedum	1 gal.
	STA HEL	248	Stachys byzantina 'Helen von Stein' Helen von Stein Lamb's Ear	1 gal.
BULBS				
	ALL SNE	447	Allium senescens German Garlic	Bulb
	ALL MNM	94	Allium x 'Millenium' Millenium Ornamental Onion	Bulb
GROUND COVERS				
	TURF	573 sf	Poa pratensis Kentucky Bluegrass Sod	sod

LINE TYPE LEGEND

- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

- CRUSHED STONE PAVING
- EWf PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD

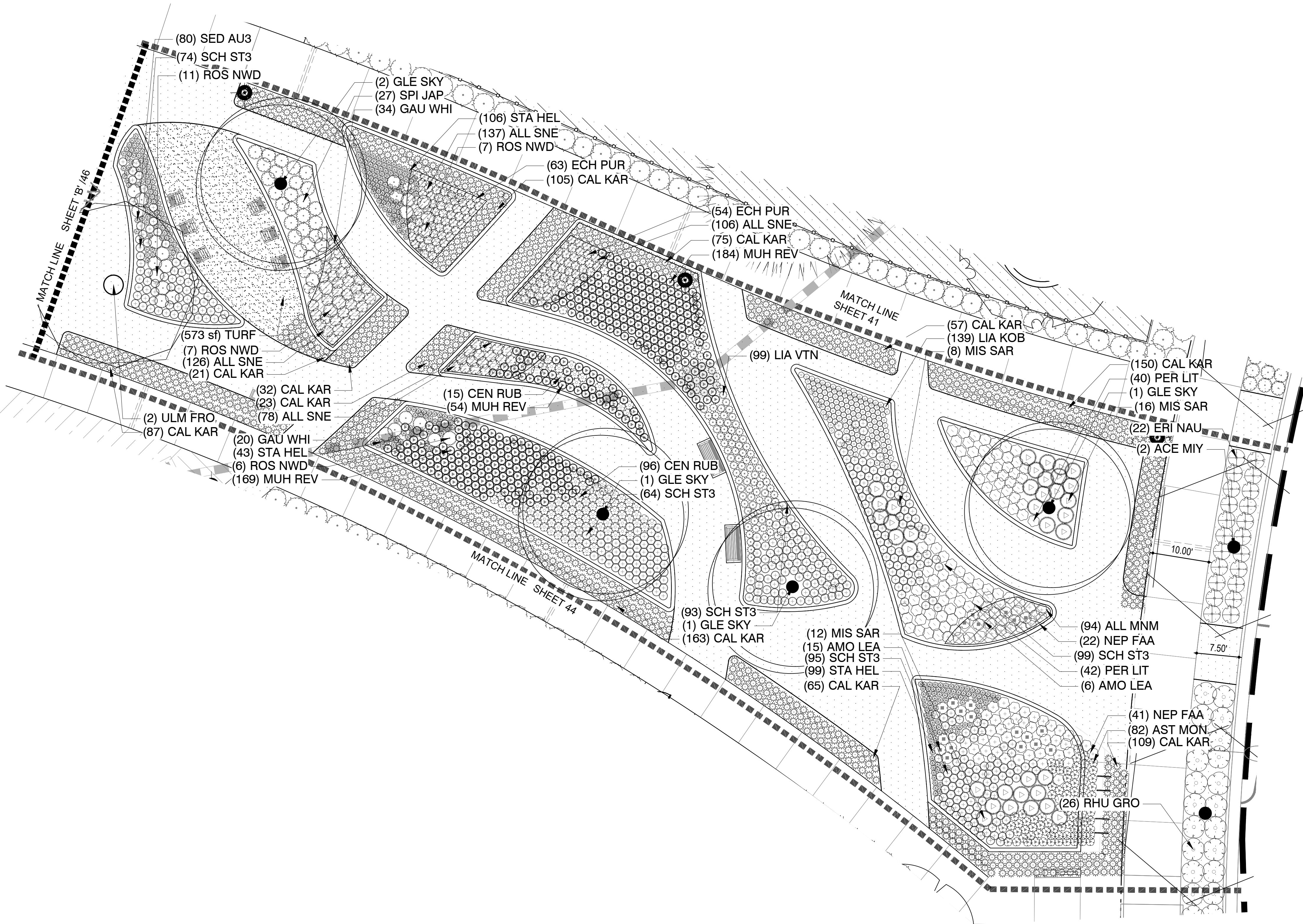


KEY MAP



Scale: 1" = 10'

0 5 10 20





GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp:

Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

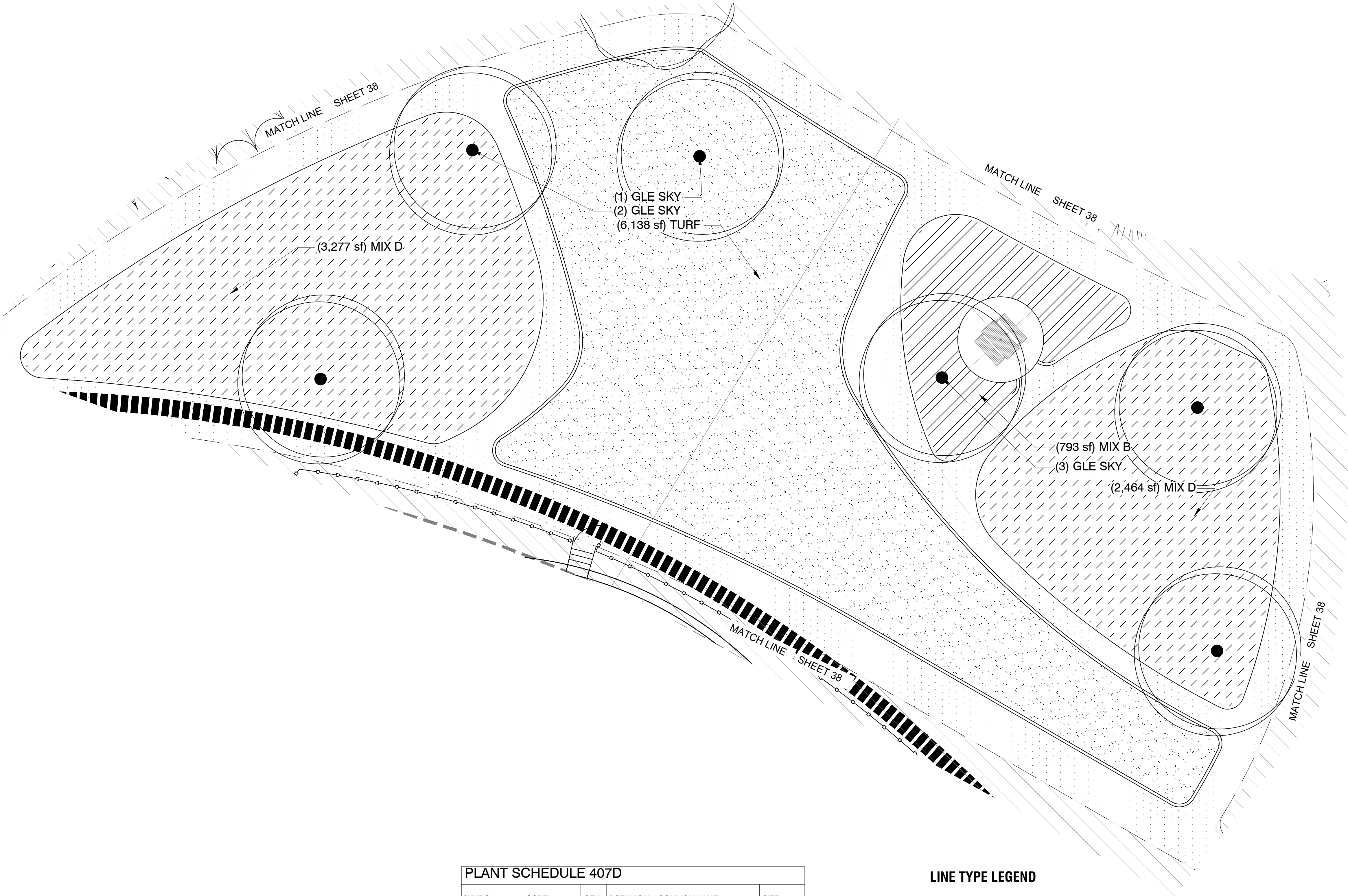
Revisions:	

CVT Proj. #: 2-21-0036

Drawn: DL, HM

Checked: HM, CV

L-407D  
PLANTING



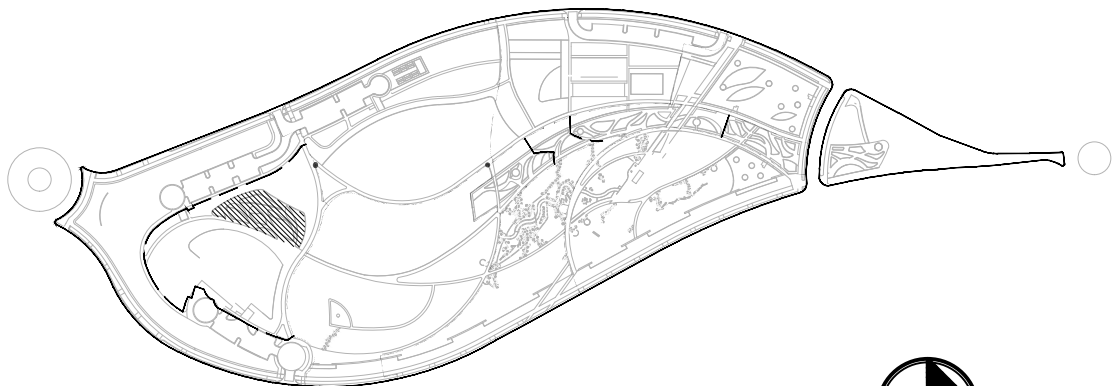
PLANT SCHEDULE 407D				
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	GLE SKY	6	Gleditsia `Skyline` Skyline Honey Locust	2.5" Cal.
SYMBOL	CODE		BOTANICAL / COMMON NAME	
GROUND COVERS				
	TURF		Poa pratensis Kentucky Bluegrass Sod	
	MIX B		SEED MIX B WARM SEASON SHORT GRASS	
	MIX D		SEED MIX D COOL SEASON SHORT GRASS	

LINE TYPE LEGEND

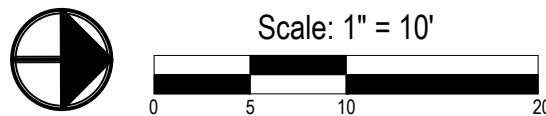
- MATCHLINE
- LIMIT OF WORK
- ROW
- EXPANSION JOINT

PAVING TYPE LEGEND

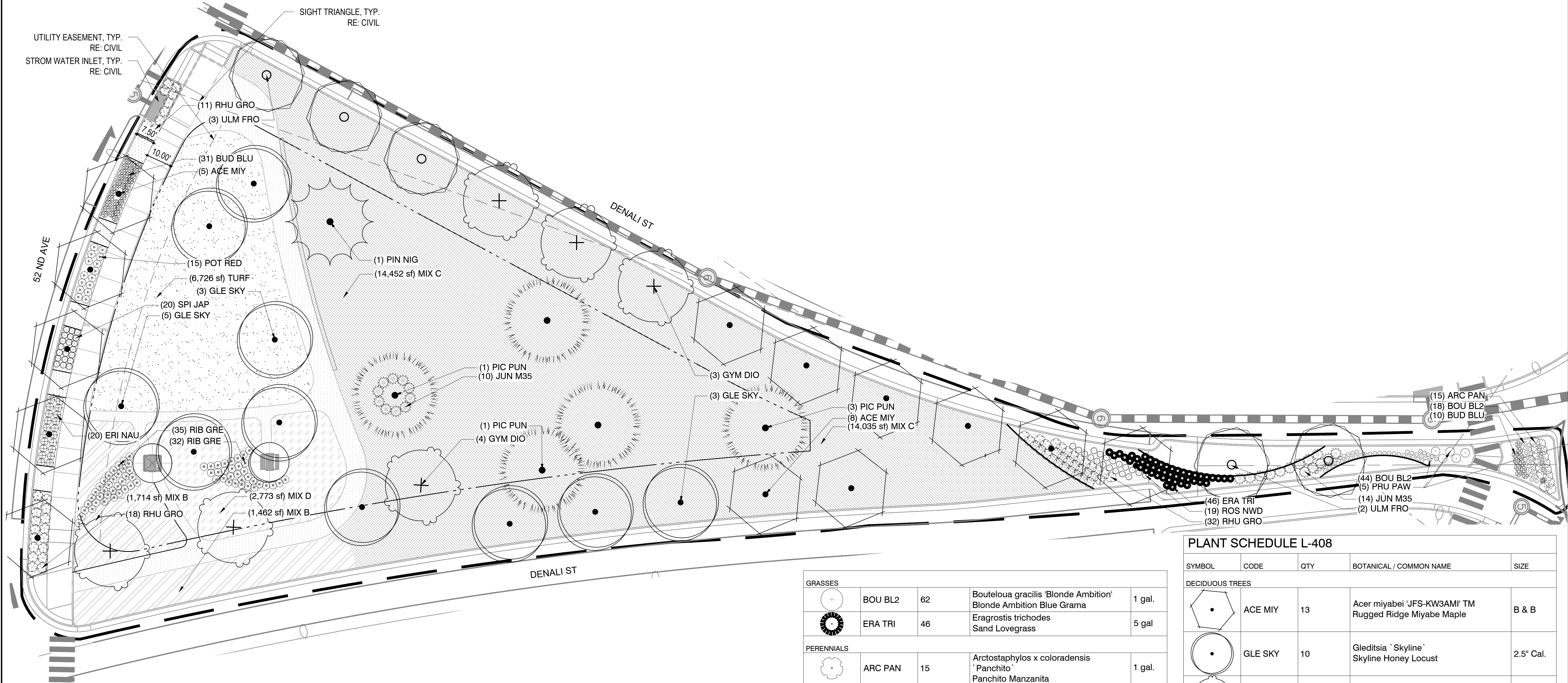
- CRUSHED STONE PAVING
- EWF PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD



KEY MAP







PLANT SCHEDULE L-408

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
DECIDUOUS TREES				
	ACE MIY	13	Acer miyabei 'JFS-KW3AM' TM Rugged Ridge Miyabe Maple	B & B
	GLE SKY	10	Gleditsia 'Skyline' Skyline Honey Locust	2.5" Cal.
	GYM DIO	6	Gymnocladus dioica 'Espresso' Kentucky Coffeetree	2.5" Cal.
	ULM FRO	5	Ulmus x 'Frontier' Frontier Elm	2.5" Cal.
EVERGREEN TREES				
	PIC PUN	5	Picea pungens Colorado Spruce	8' Ht.
	PIN NIG	1	Pinus nigra Austrian Pine	8'-10' H
SHRUBS				
	BUD BLU	41	Buddleja x 'Blue Chip' Blue Chip Butterfly Bush	5 gal.
	ERI NAU	20	Ericameria nauseosa speciosa Dwarf Blue Rabbitbrush	5 gal.
	JUN M35	24	Juniperus communis 'Mondap' TM Alpine Carpet Common Juniper	5 gal.
	POT RED	15	Potentilla fruticosa 'Red Ace' Red Ace Bush Cinquefoil	5 gal.
	PRU PAW	5	Prunus besseyi 'P011S' TM Pawnee Buttes Sand Cherry	5 gal.
	RHU GRO	61	Rhus aromatica 'Gro-Low' Gro-Low Fragrant Sumac	5 gal.
	RIB GRE	67	Ribes alpinum 'Green Mound' Green Mound Alpine Currant	5 gal.
	ROS NWD	19	Rosa x 'Nearly Wild' Nearly Wild Floribunda Rose	5 gal.
	SPI JAP	20	Spiraea japonica 'Little Princess' Little Princess Japanese Spirea	5 gal.

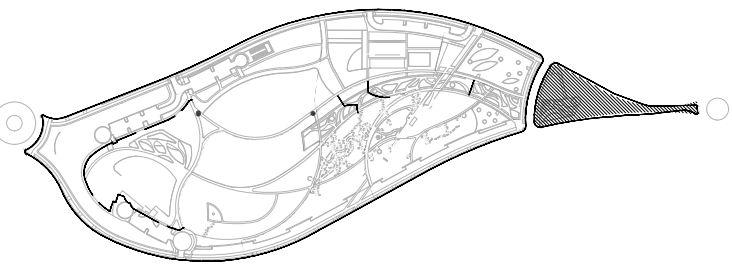
GRASSES				
	BOU BL2	62	Bouteloua gracilis 'Blonde Ambition' Blonde Ambition Blue Grama	1 gal.
	ERA TRI	46	Eragrostis trichodes Sand Lovegrass	5 gal.
PERENNIALS				
	ARC PAN	15	Arctostaphylos x coloradensis 'Panchito' Panchito Manzanita	1 gal.
GROUND COVERS				
	TURF	6,726 sf	Poa pratensis Kentucky Bluegrass Sod	sod
	MIX B	3,176 sf	SEED MIX B WARM SEASON SHORT GRASS	seed
	MIX C	28,487 sf	SEED MIX C COOL SEASON TALL GRASS	seed
	MIX D	2,773 sf	SEED MIX D COOL SEASON SHORT GRASS	seed

LINE TYPE LEGEND

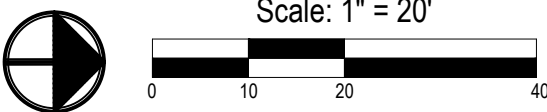
- MATCHLINE
- LIMIT OF WORK
- ROW
- ===== EXPANSION JOINT

PAVING TYPE LEGEND

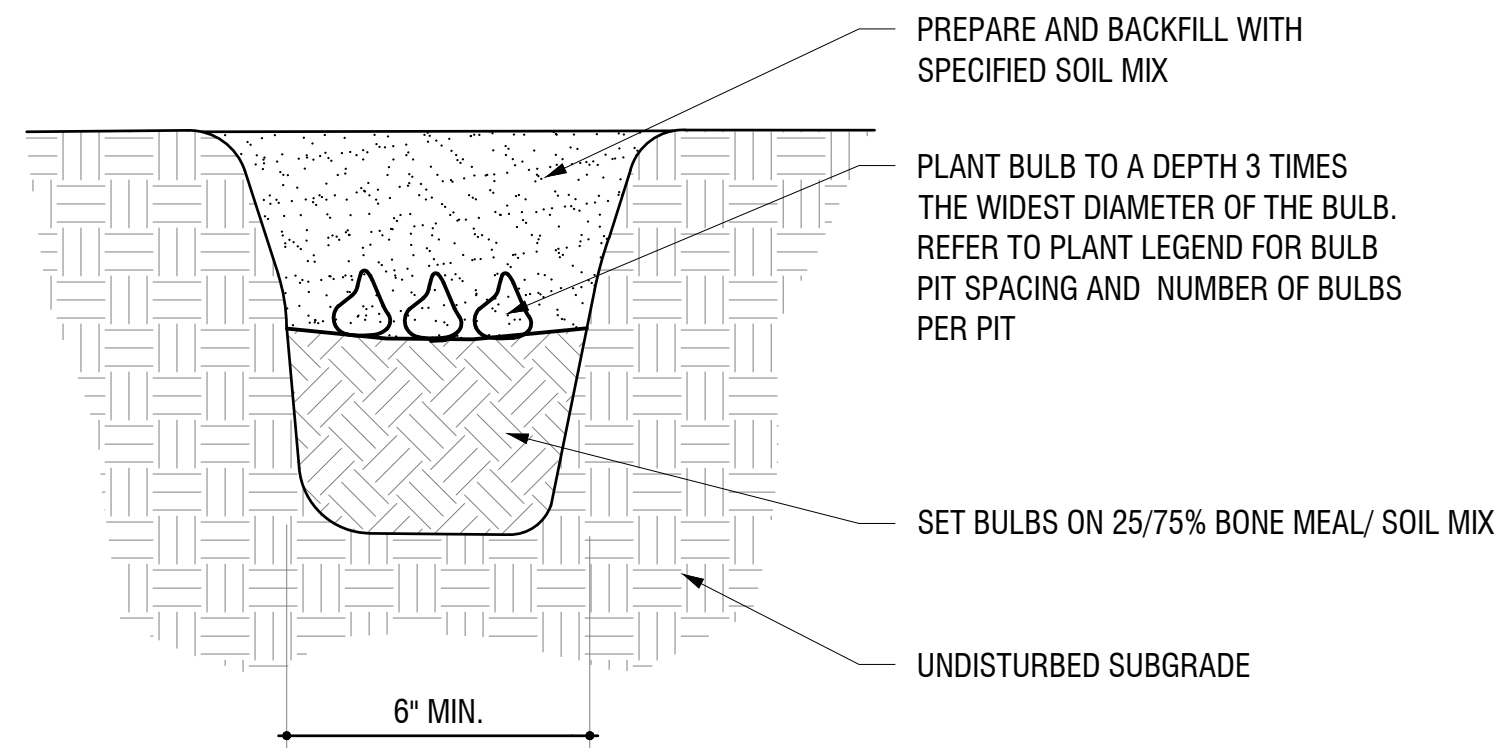
- CRUSHED STONE PAVING
- EWV PLAY SURFACE
- DOG PARK GRAVEL MIX
- SYNTHETIC TURF
- PIP RUBBER PLAY SURFACE
- SOD
- REINFORCED SOD



KEY MAP

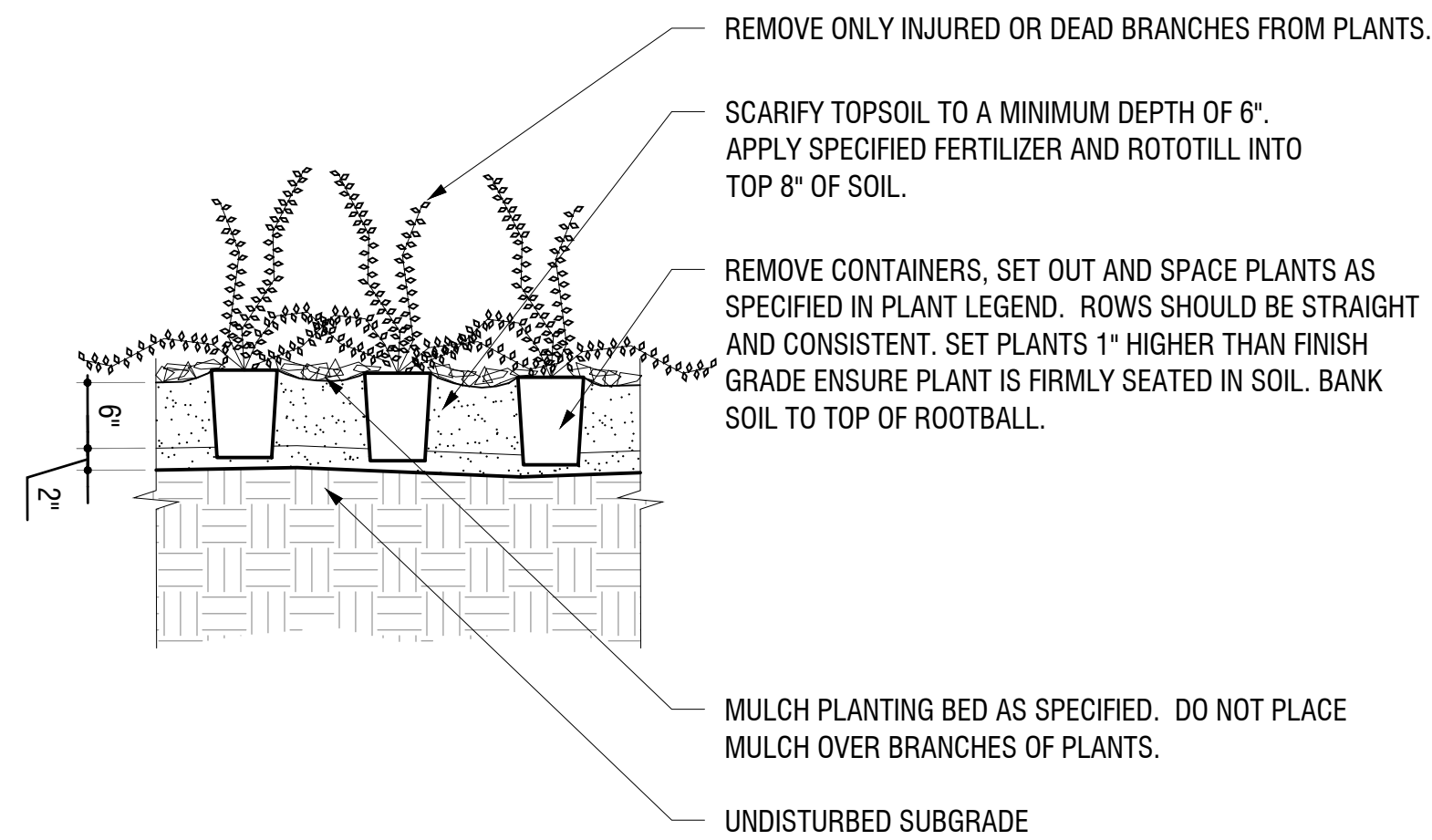






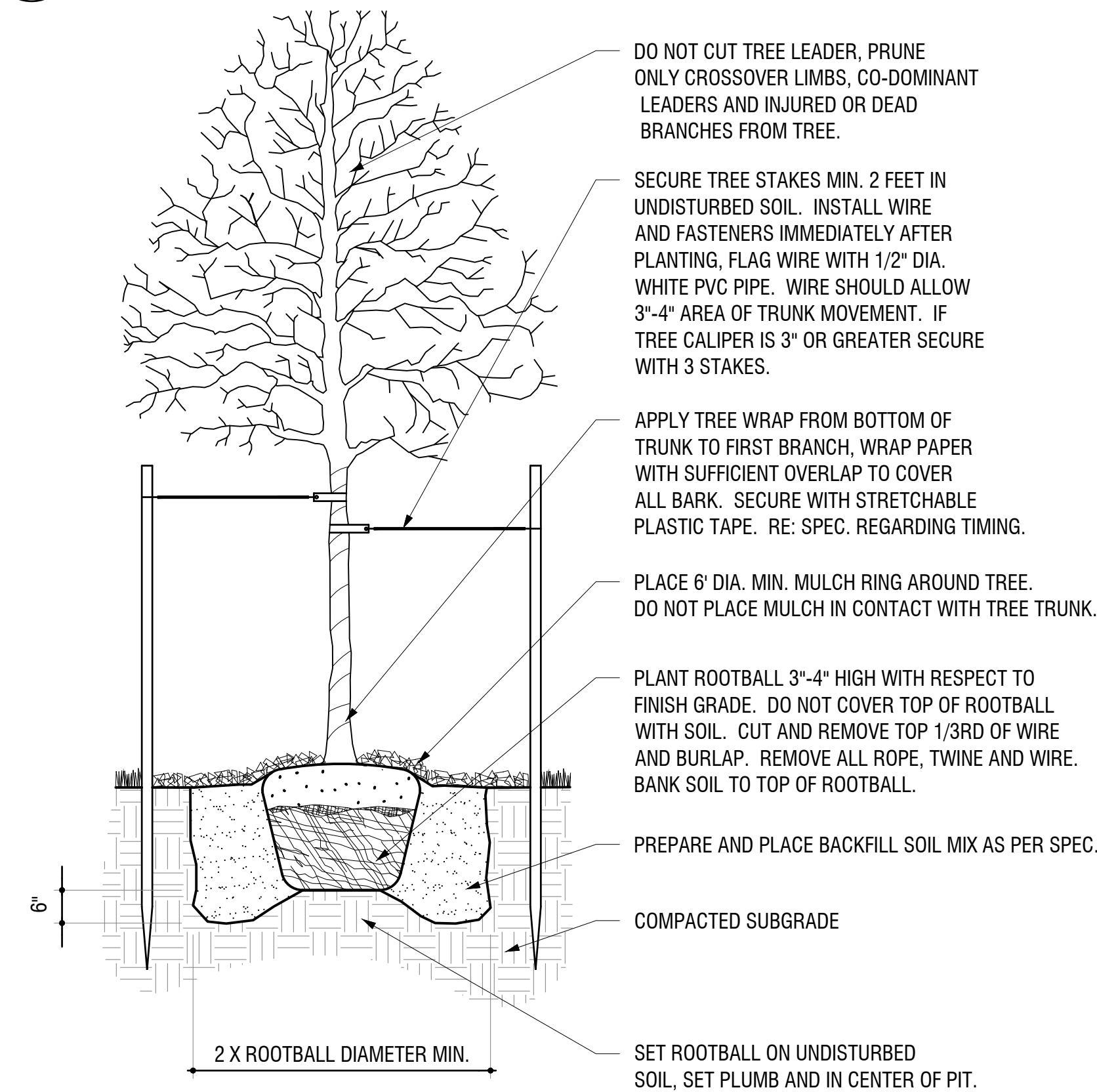
7 BULB PLANTING  
SCALE: 1" = 1'-0"

8.7



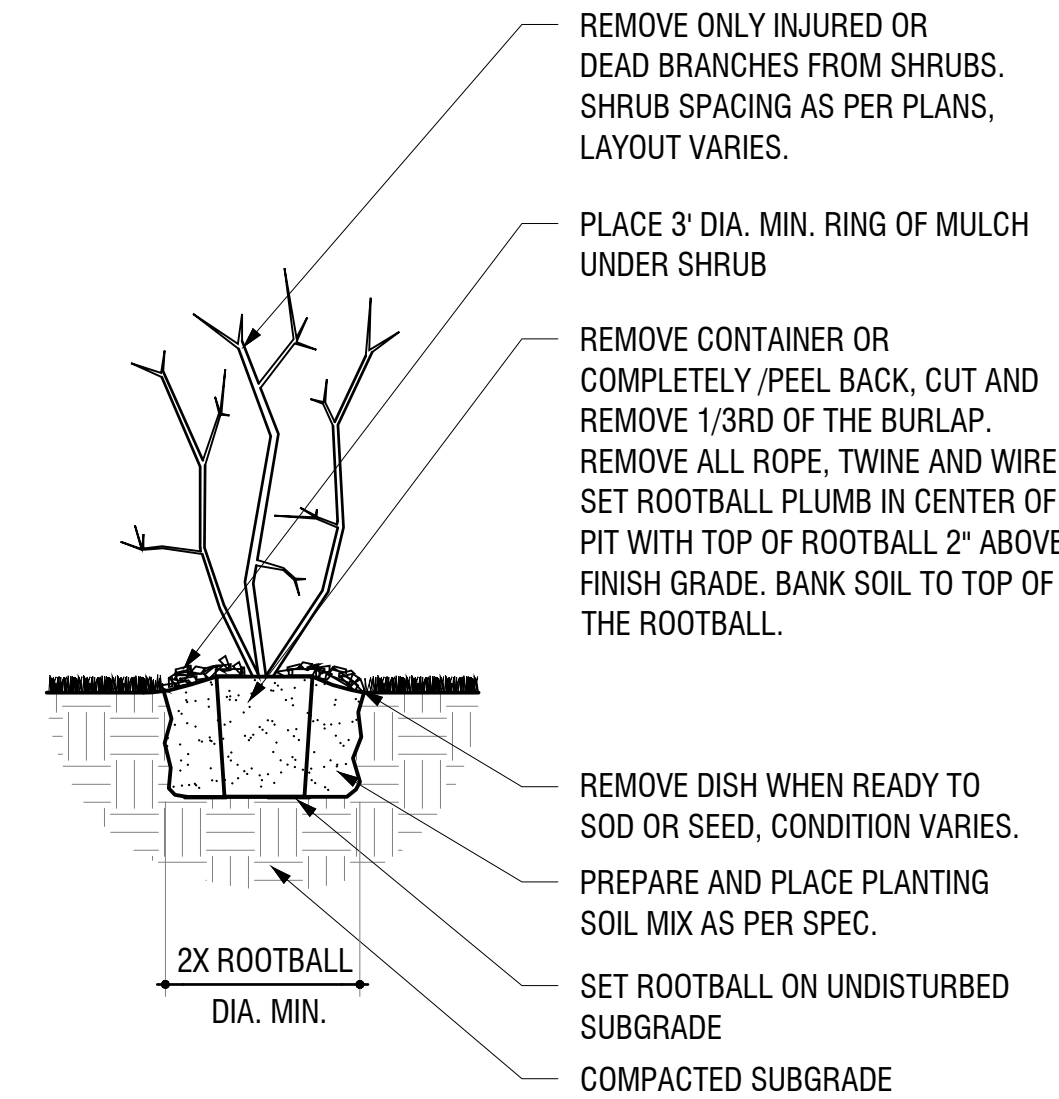
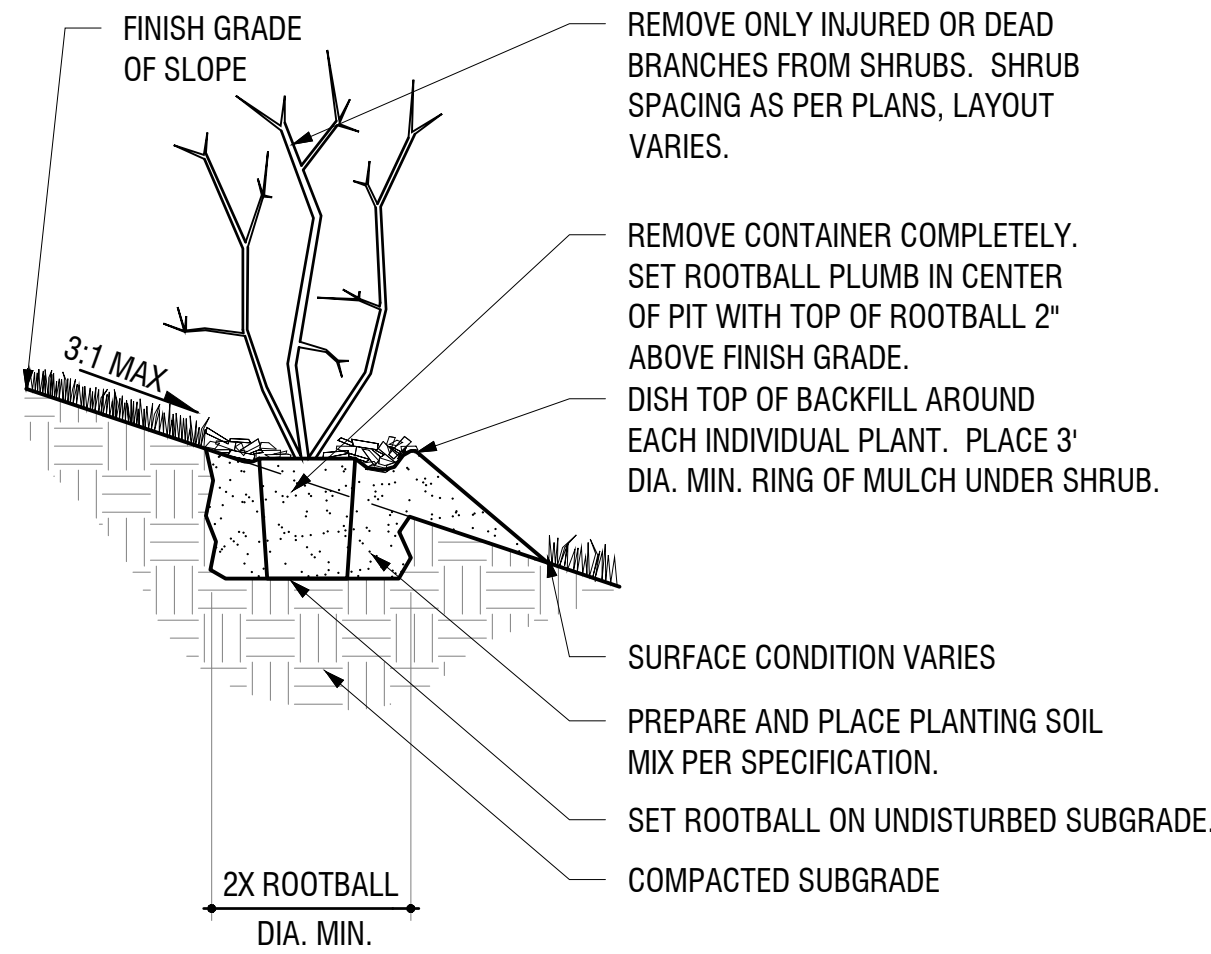
6 PERENNIAL GROUNDCOVER PLANTING  
SCALE: 3/4" = 1'-0"

8.6



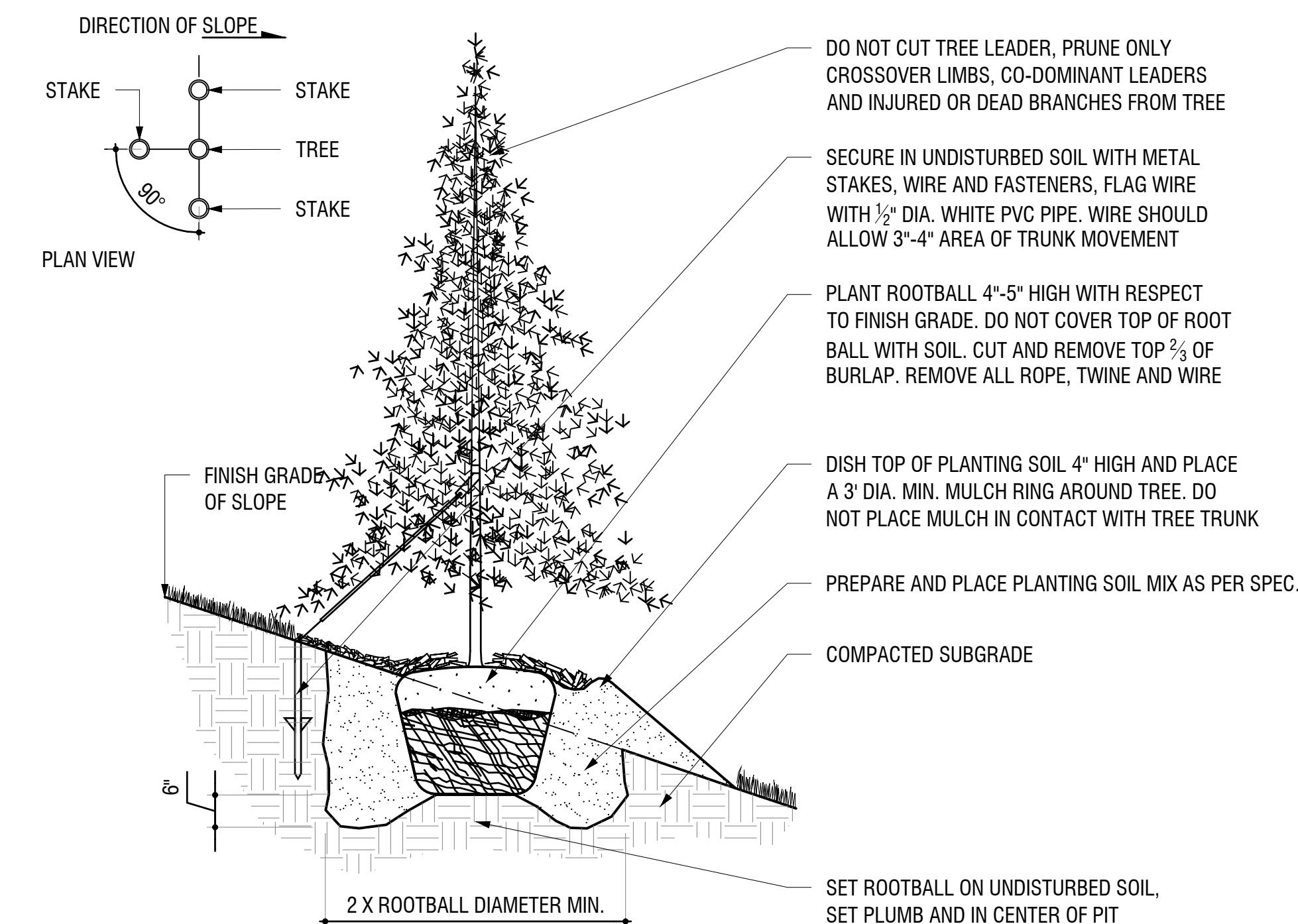
3 DECIDUOUS TREE ON GRADE  
SCALE: 1/2" = 1'-0"

8.3



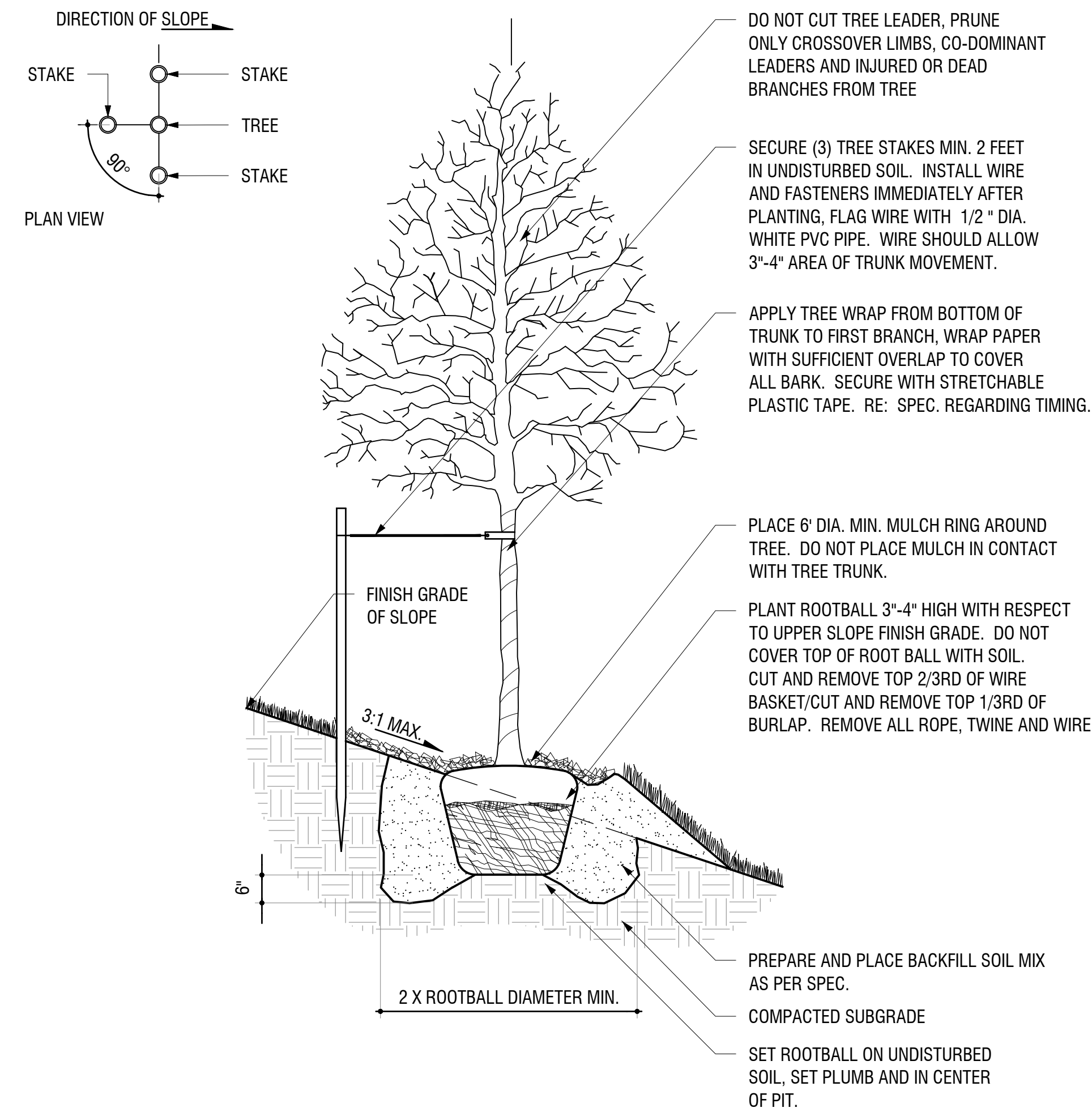
5 SHRUB PLANTING  
SCALE: 1/2" = 1'-0"

8.5



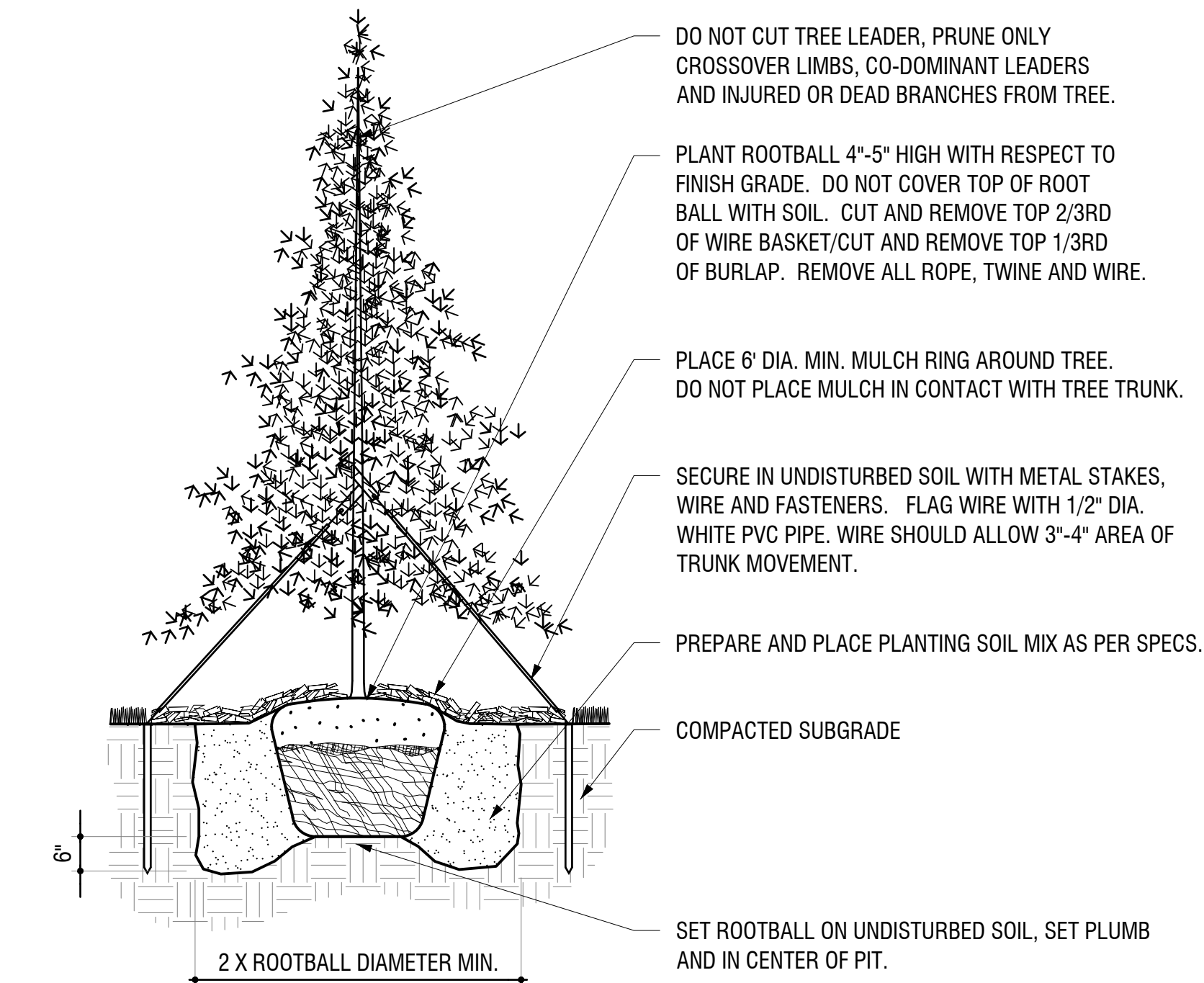
2 CONIFEROUS TREE ON SLOPE  
SCALE: 1/2" = 1'-0"

8.2



4 DECIDUOUS TREE PLANTING ON SLOPE  
SCALE: #####

8.4



1 CONIFEROUS TREE ON GRADE  
SCALE: 1/2" = 1'-0"

8.1

NOT FOR CONSTRUCTION

CIVITAS

1200 Bannock St.  
Denver, CO 80204  
Tel. 303 571.0053  
Fax 303 425.0438

DISCOVERY PARK

AURORA, COLORADO

WINDLER

GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp:

Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

Revisions:

CVT Proj. #: 2-21-0036

Drawn: DL, HM

Checked: HM, CV

L-409 PLANTING  
DETAILS



Stamp:

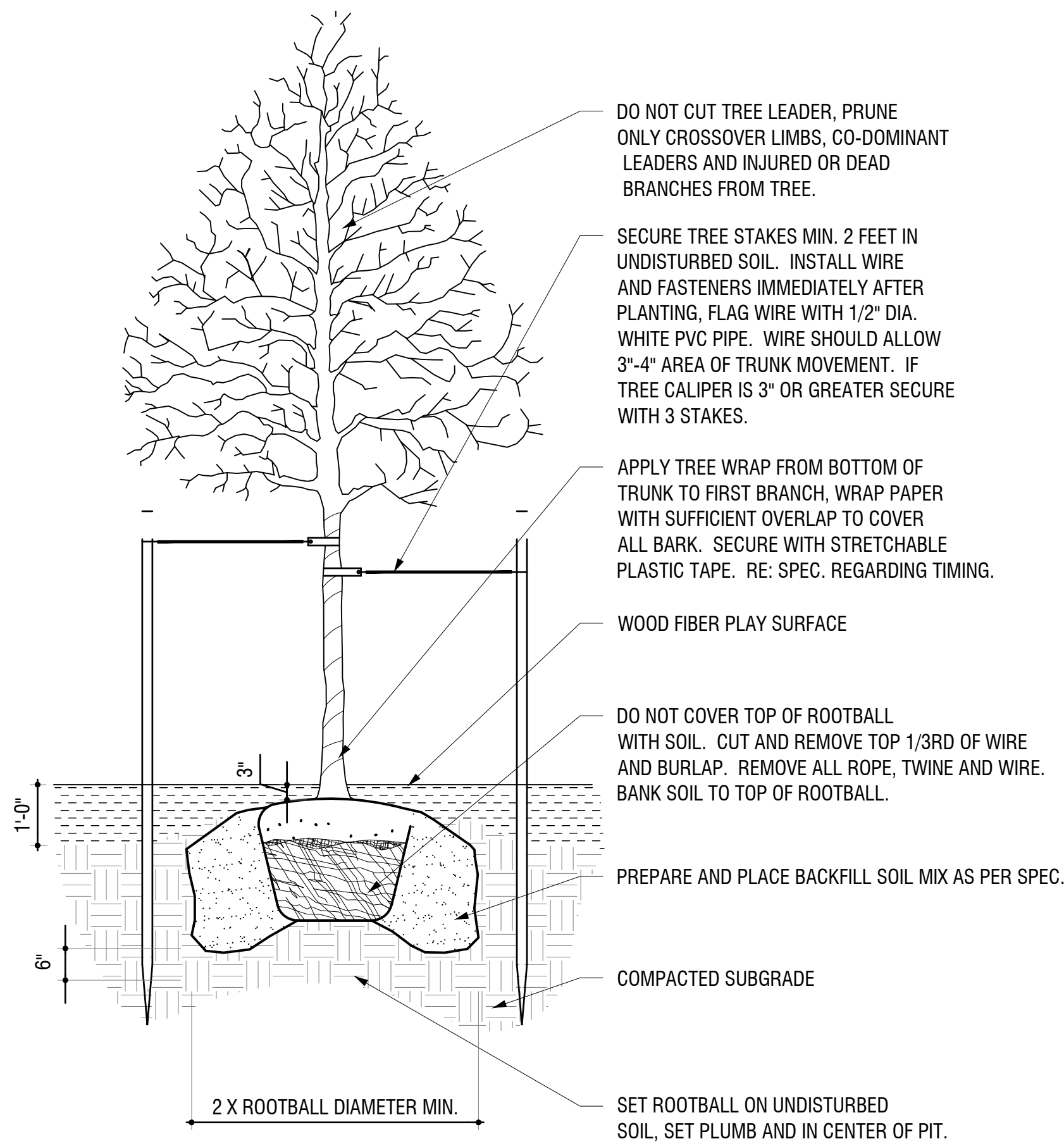
Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

Revisions:	

CVT Proj. #: 2-21-0036

Drawn: DL, HM

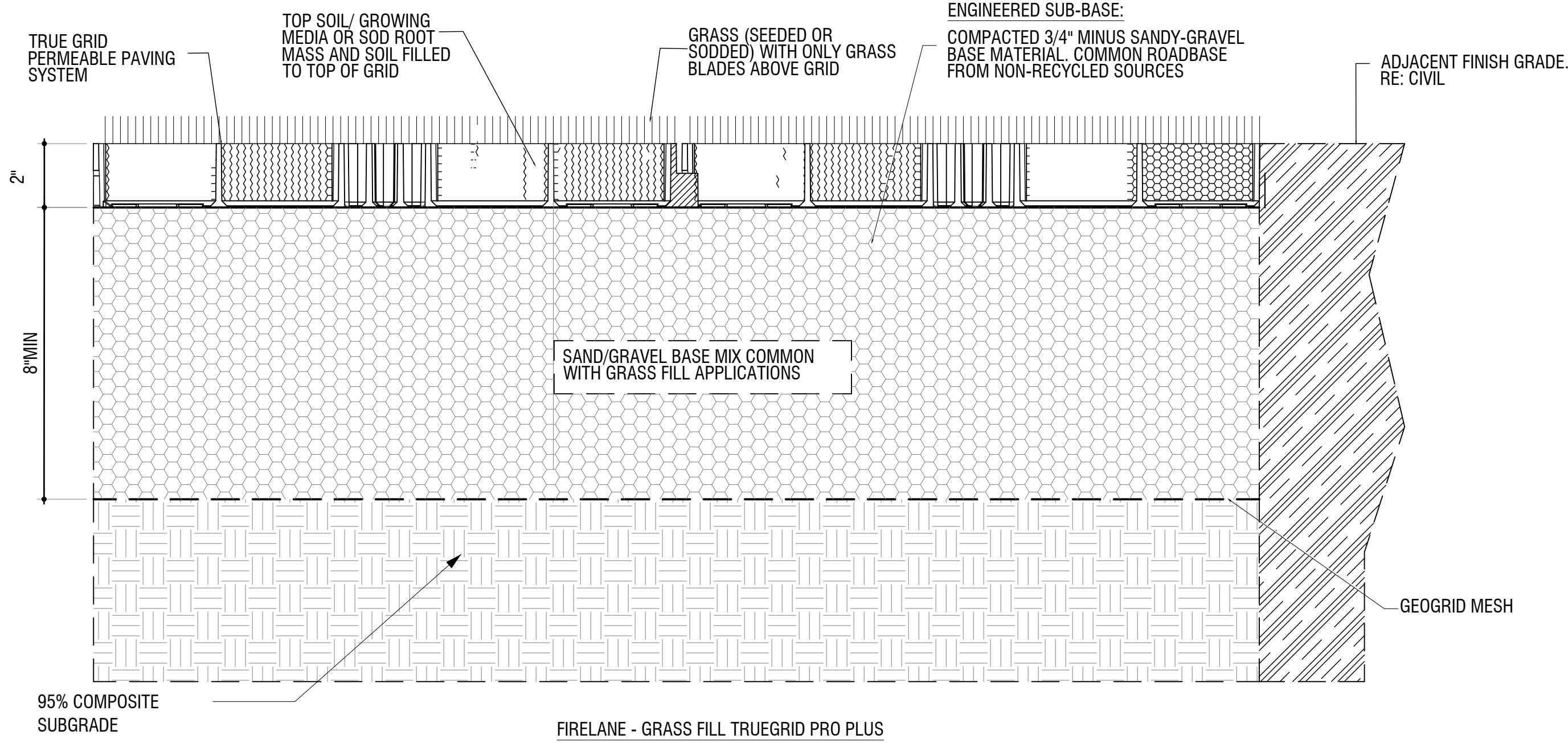
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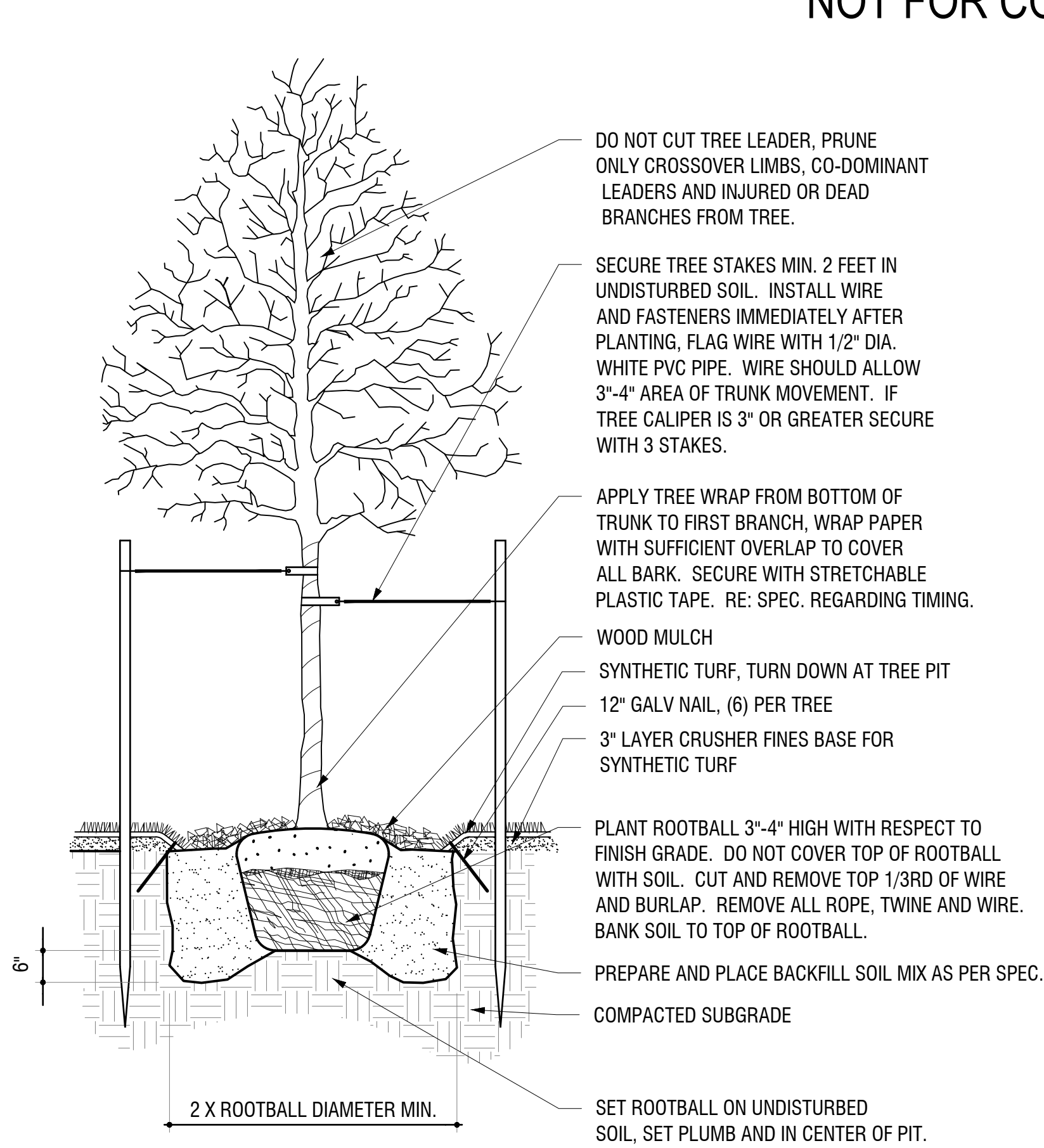
4 DECIDUOUS TREE AT PLAYGROUND  
SCALE: 1/2" = 1'-0"

NOTES:

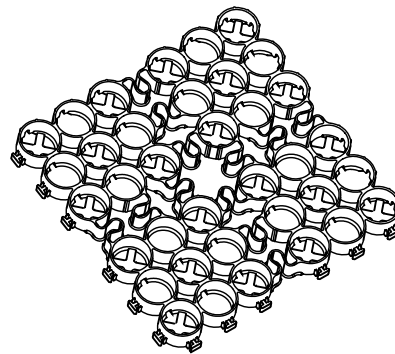
- SUB-BASE DEPTH AND PREPARATION IS DEPENDENT ON SITE CONDITIONS PLUS LOADING REQUIREMENTS.
- TRUEGRID PRO PLUS PRODUCTS ARE SUFFICIENTLY RATED FOR H-20 /HS-20 LOADING AND GREATER.
- SEEDING METHOD: FILL SOIL/GROWING MEDIA TO TOP OF GRID. APPLY SEEDING OR HYDROSEEDING PER MANUFACTURERS' (BY OTHERS) REQUIRED APPLICATION RATES.
- SOD INSTALLATION METHOD: FILL TOPSOIL/GROWING MEDIA HALF-WAY (~1") WITHIN TRUEGRID AND PRESS IN SOD SO THAT TOP OF GRID IS AT SOIL/ROOT LEVEL AND ONLY THE GRASS BLADES EXTEND ABOVE THE GRID.
- GEOGRID MESH OR GEOFABRIC MAY BE REQUIRED BETWEEN SUBGRADE & SUBBASE FOR CERTAIN SOILS AND SITE SPECIFIC REQUIREMENTS.
- NO STAKING NECESSARY WITH TRUEGRID PRO PLUS WHEN SLOPE IS BELOW 20 DEGREES. ASSESS PROJECT, AS NEEDED.
- TRUEGRID PRO PLUS IS ADA COMPLIANT WITH PROPER FILL MATERIAL.ALTERNATIVE ENGINEERED SUB-BASE MIXES CAN BE USED PROVIDED THEY PROMOTE
- GRASS GROWTH, HAVE ADEQUATE VOID SPACE FOR DRAINAGE, AND PROVIDE REQUIRED STRUCTURAL SUPPORT.
- THIS CROSS SECTION IS FOR INFORMATION ONLY.



2 REINFORCED SOD  
SCALE: NTS

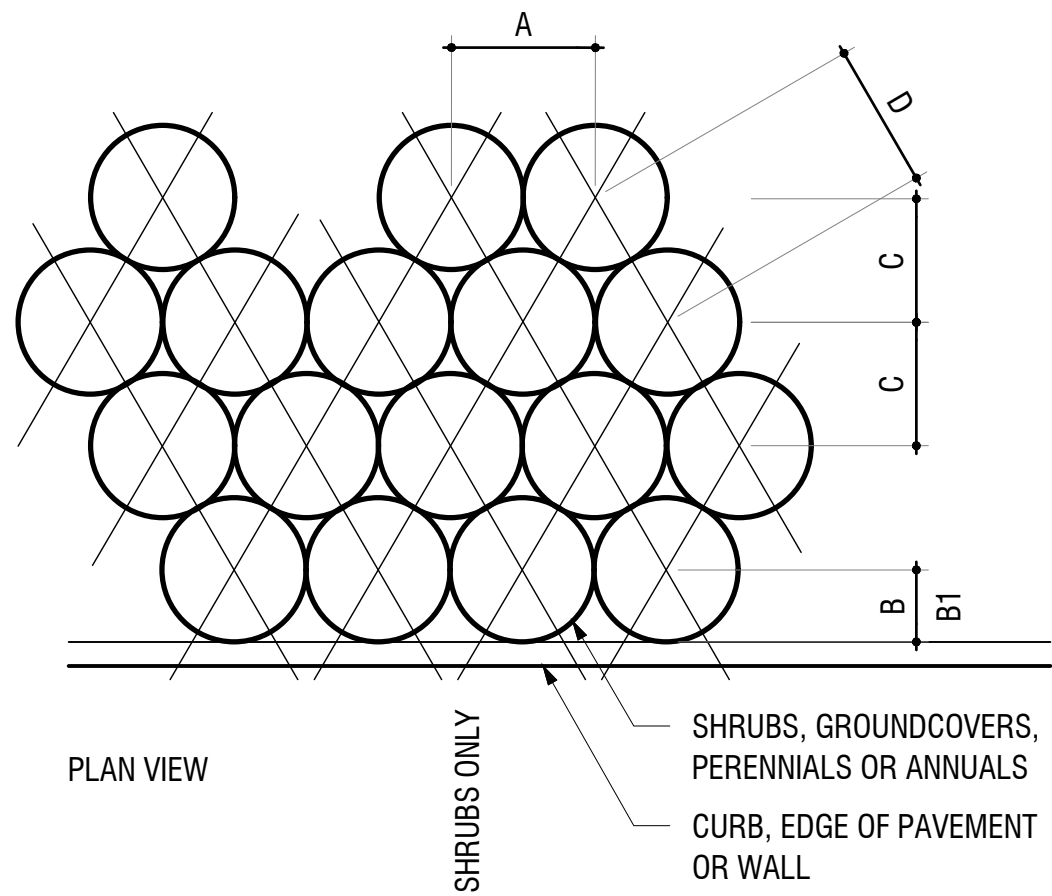


3 DECIDUOUS TREE AT SYNTHETIC TURF  
SCALE: 1/2" = 1'-0"



TRUEGRID BLOCK REFERENCE VIEW

PREASSEMBLED & DELIVERED IN 4' X 4' SHEET. RECONFIGURED AS NEEDED.NO EXTRA TOOLING OR ACCESSORIES REQUIRED



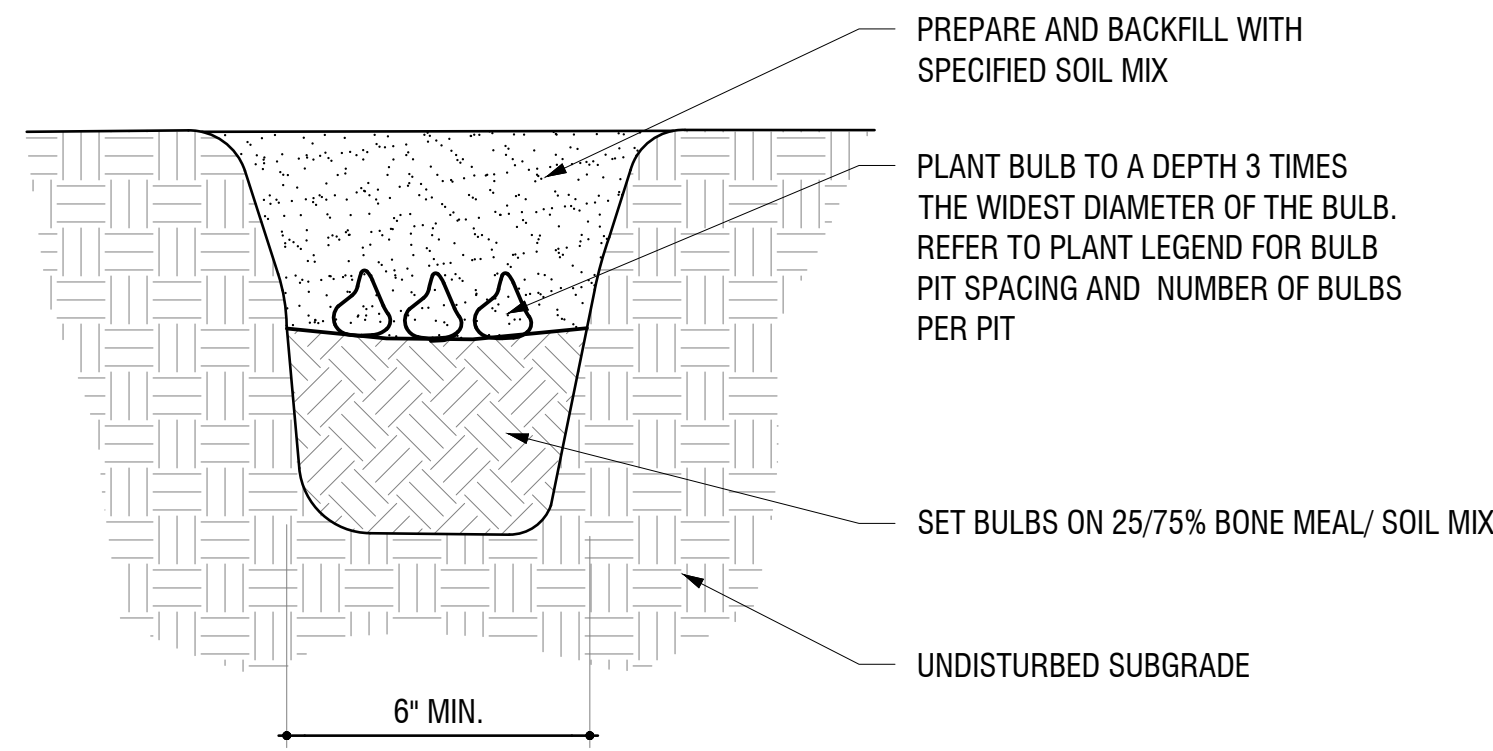
PLANT SPACING	A	B	B1	C	D
6"	6"	6"	6"	5"	6"
8"	8"	6"	8"	7"	8"
12"	12"	6"	12"	10"	12"
18"	18"	8"	18"	15"	18"
24"	24"	18"	24"	20"	24"
30"	30"	18"	30"	26"	30"
36"	36"	24"	36"	31"	36"
48"	48"	24"	48"	41"	48"

1 PLANT SPACING  
SCALE: 3/4" = 1'-0"

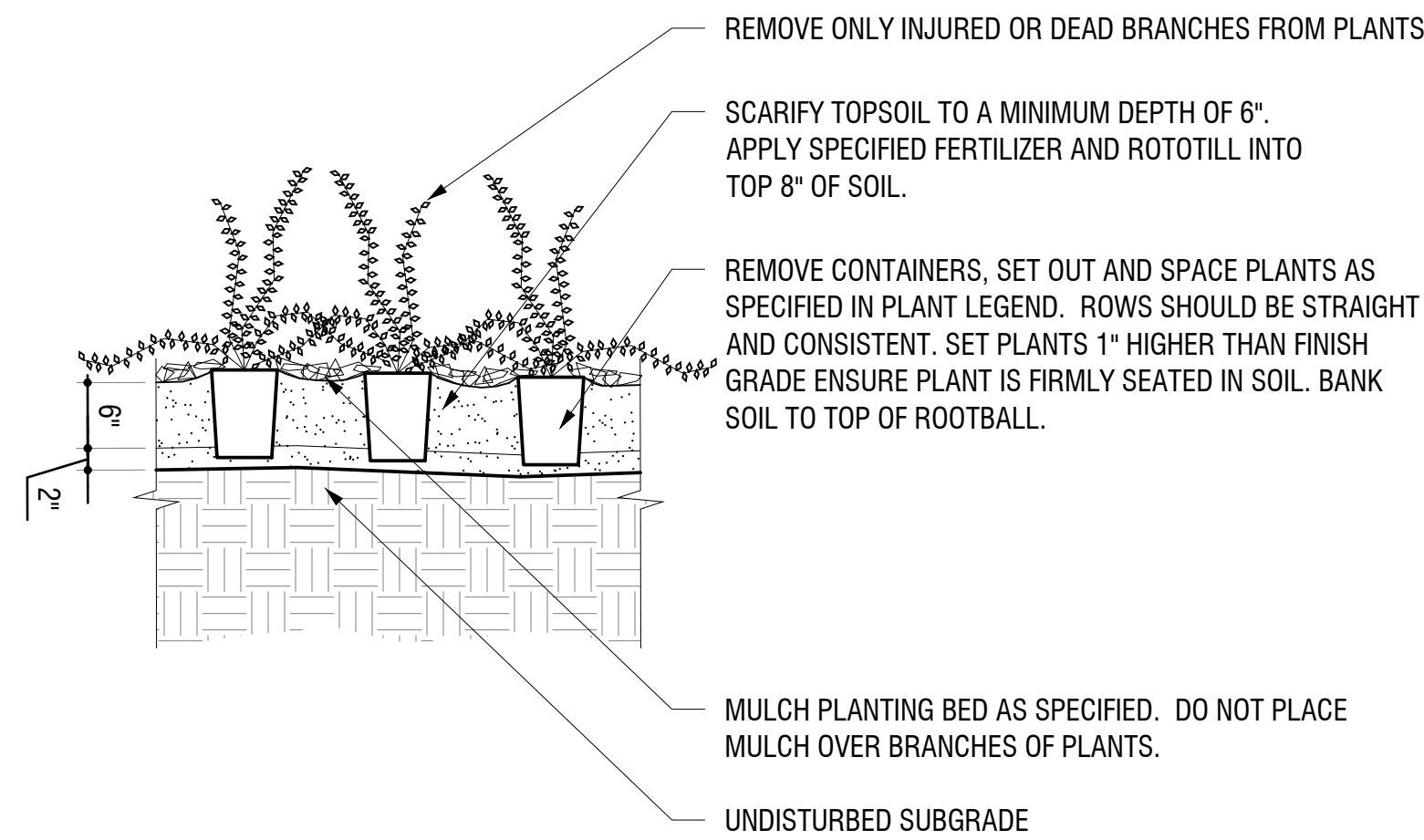
8.10

8.8

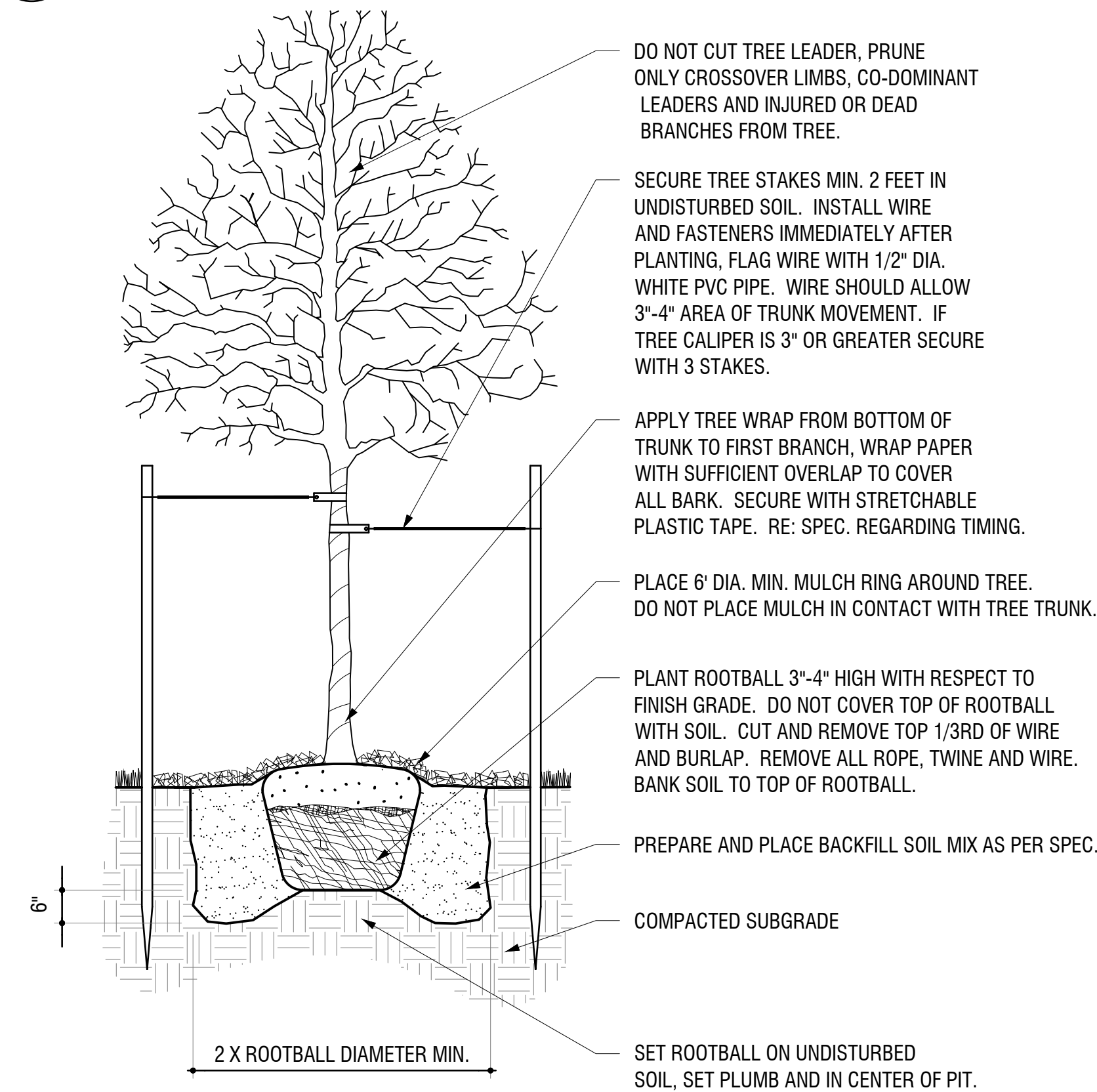




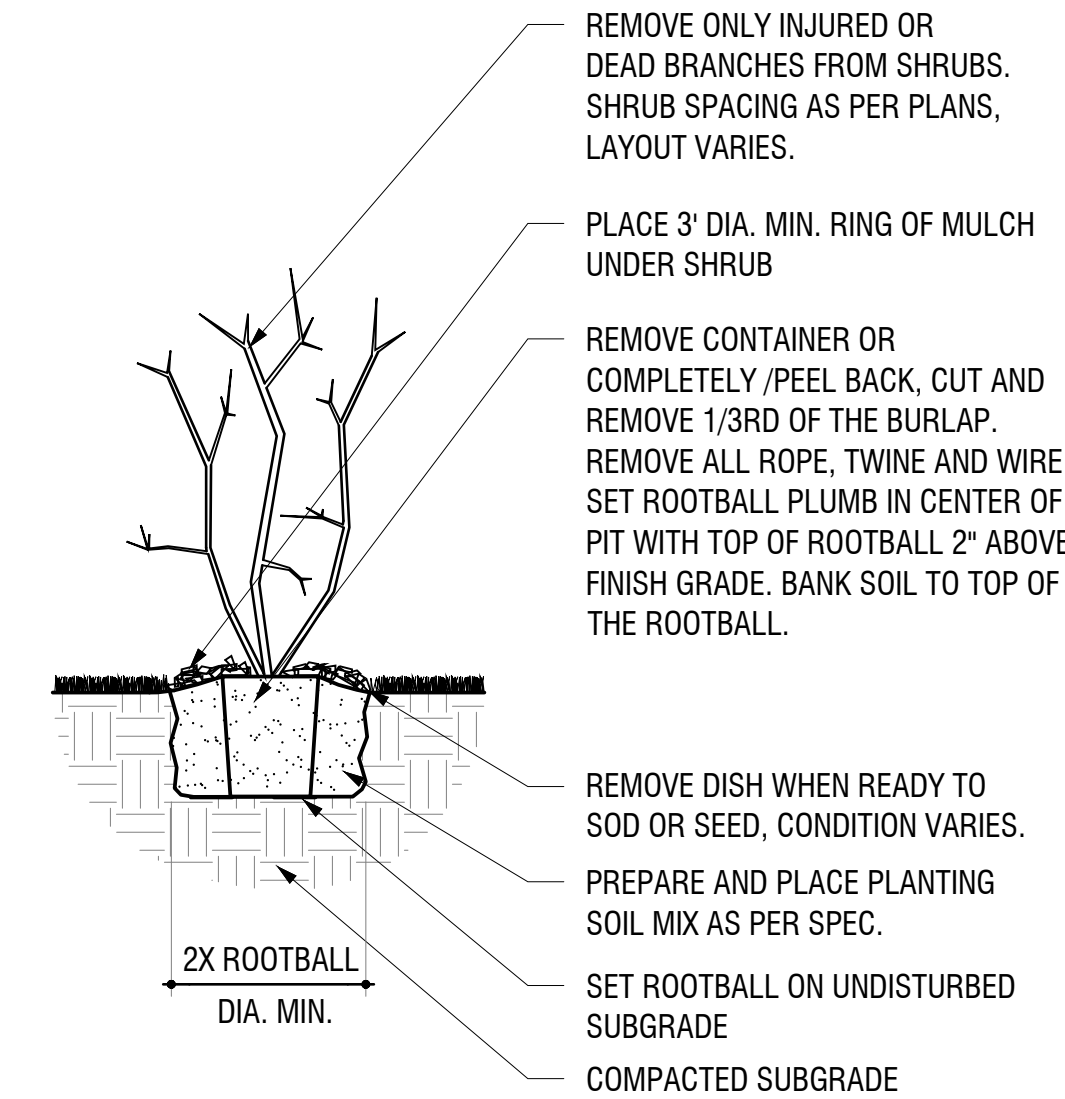
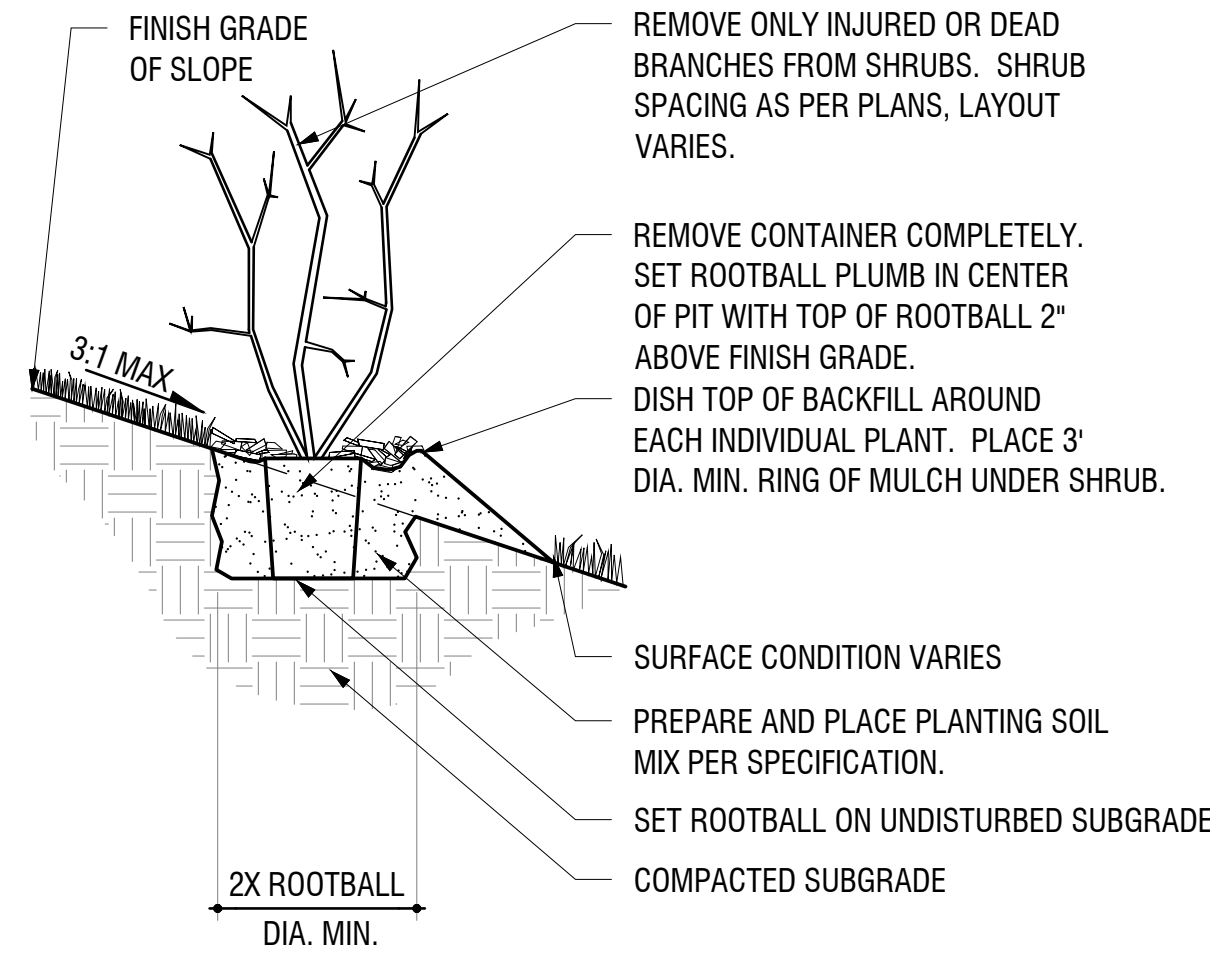
7 BULB PLANTING  
SCALE: 1" = 1'-0"



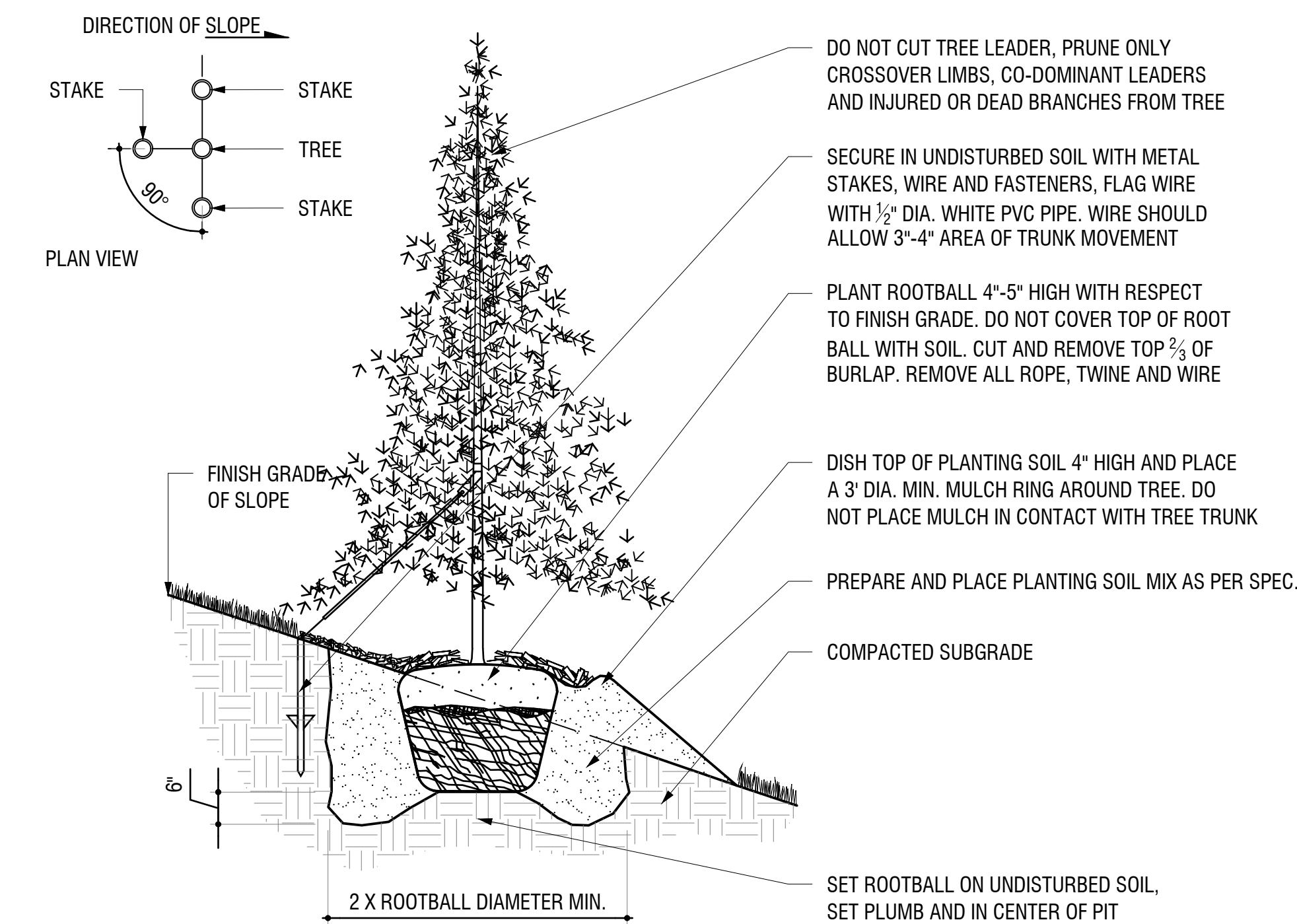
8.6 PERENNIAL GROUNDCOVER PLANTING  
SCALE: 3/4" = 1'-0"



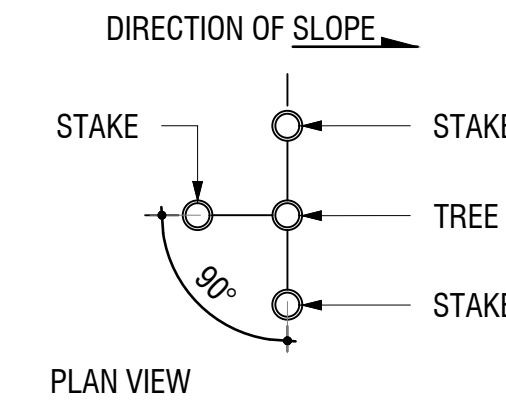
8.3 3 DECIDUOUS TREE ON GRADE  
SCALE: 1/2" = 1'-0"



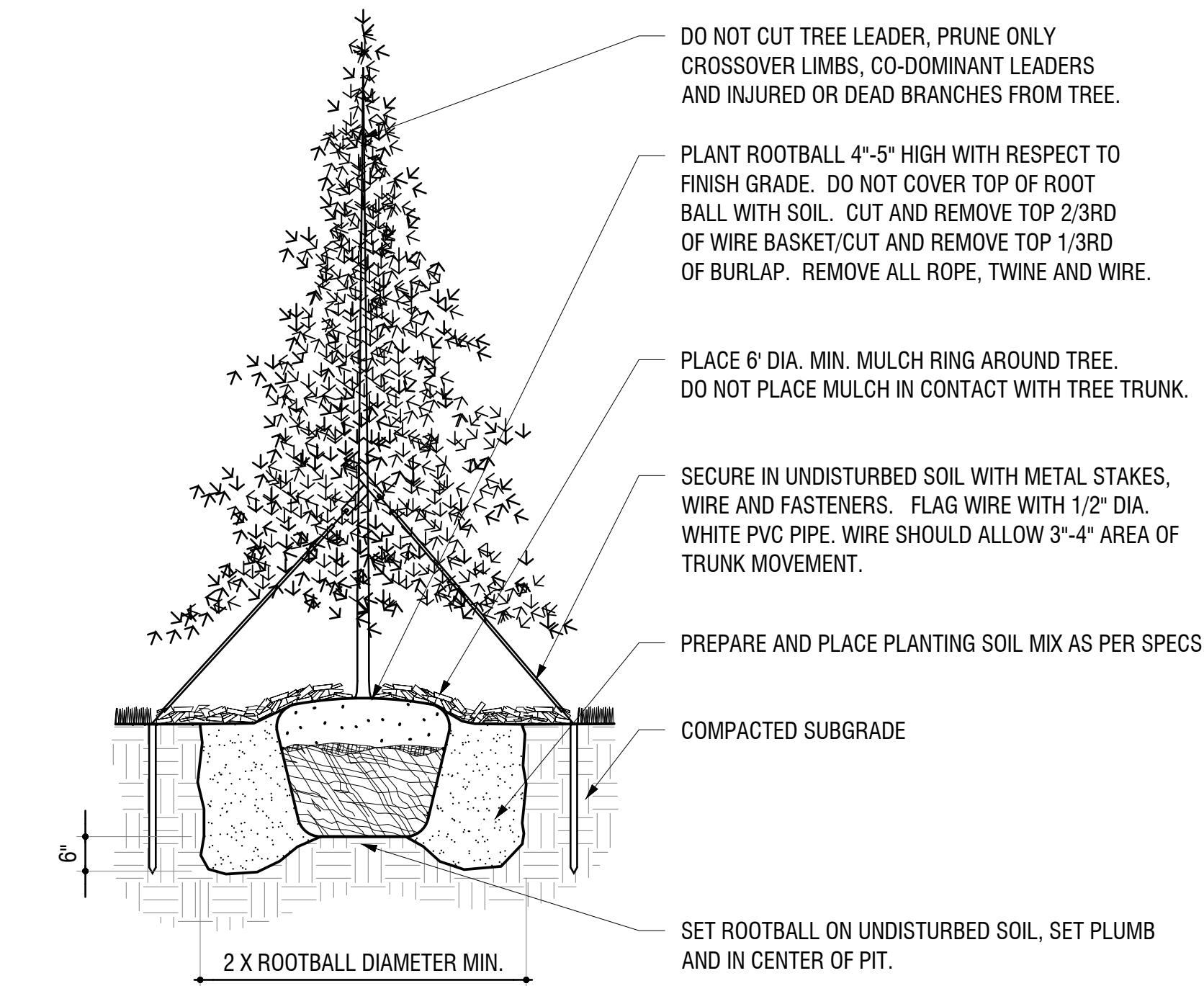
8.5 5 SHRUB PLANTING  
SCALE: 1/2" = 1'-0"



8.2 2 CONIFEROUS TREE ON SLOPE  
SCALE: 1/2" = 1'-0"



8.1 4 DECIDUOUS TREE PLANTING ON SLOPE  
SCALE: #####



8.1 1 CONIFEROUS TREE ON GRADE  
SCALE: 1/2" = 1'-0"

NOT FOR CONSTRUCTION

CIVITAS

1200 Bannock St.  
Denver, CO 80204  
Tel. 303 571.0053  
Fax 303 425.0438

DISCOVERY PARK

AURORA COLORADO

WINDLER

GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp:

Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

Revisions:

CVT Proj. #: 2-21-0036

Drawn: DL, HM

Checked: HM, CV

L-409 PLANTING  
DETAILS



**CIVITAS**

1200 Bannock St.  
Denver, CO 80204  
Tel. 303 571.0053  
Fax 303 425.0438

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Denver, CO 80204  
Tel. 303 571.0053  
Fax 303 425.0438

# DISCOVERY PARK

AURORA, COLORADO

## WINDLER

**GVP Windler, LLC**  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp

## Issue Record

1ST SP	10/19/2022
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5TH SP	06/28/2024

## Revisions

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CVT Proj. #: 2-21-0036

Drawn: DL, HM

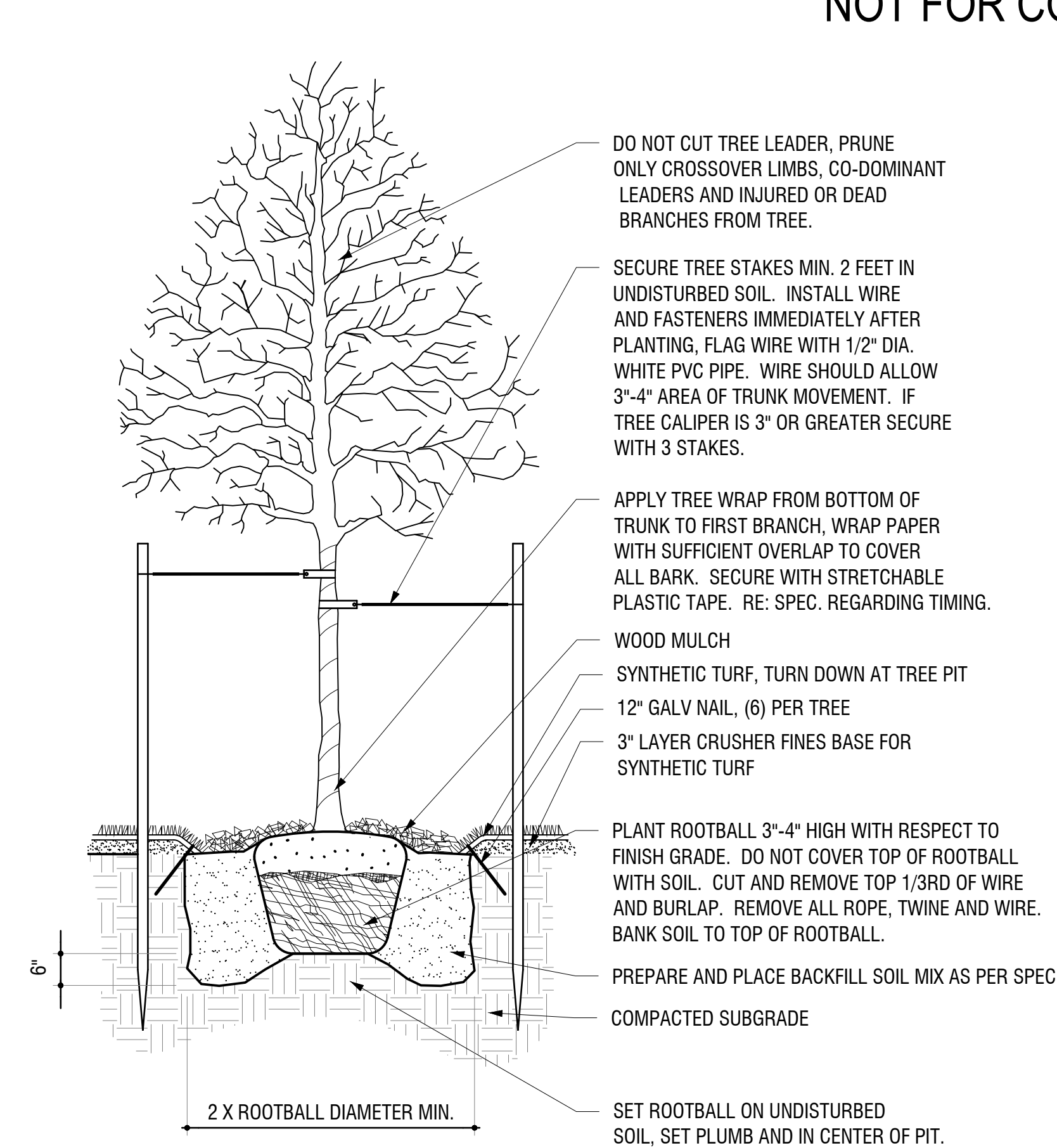
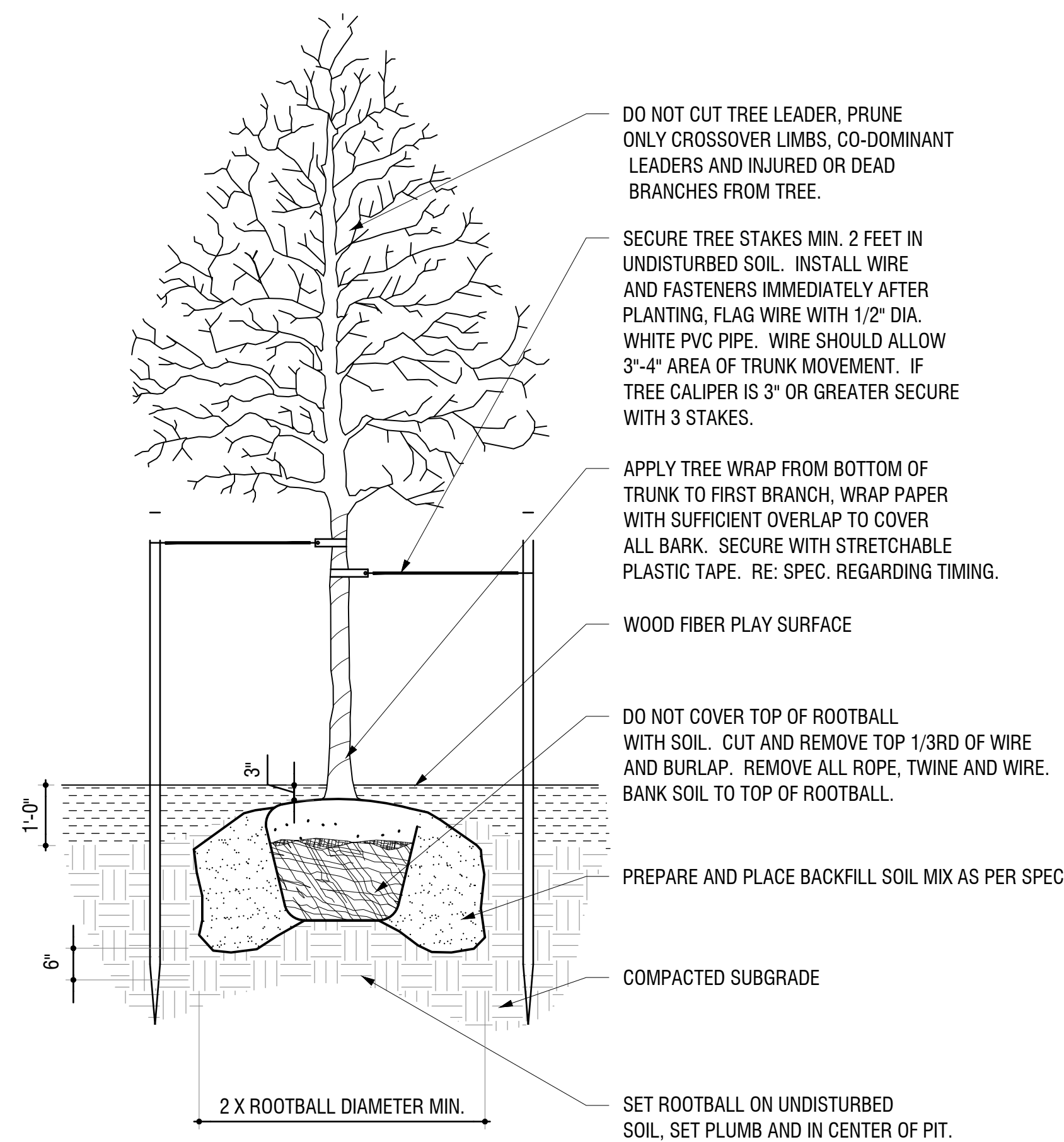
Checked: HM, CV

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## L-410 PLANTING DETAILS

51

SHEET 51 OF 64

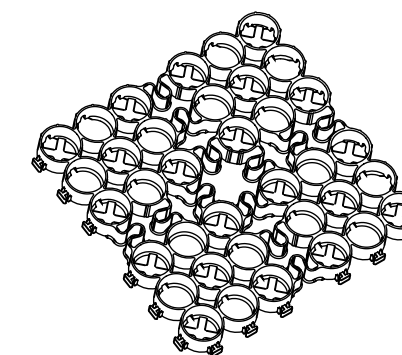


## DECIDUOUS TREE AT PLAYGROUND

SCALE: 1/2" = 1'-0"

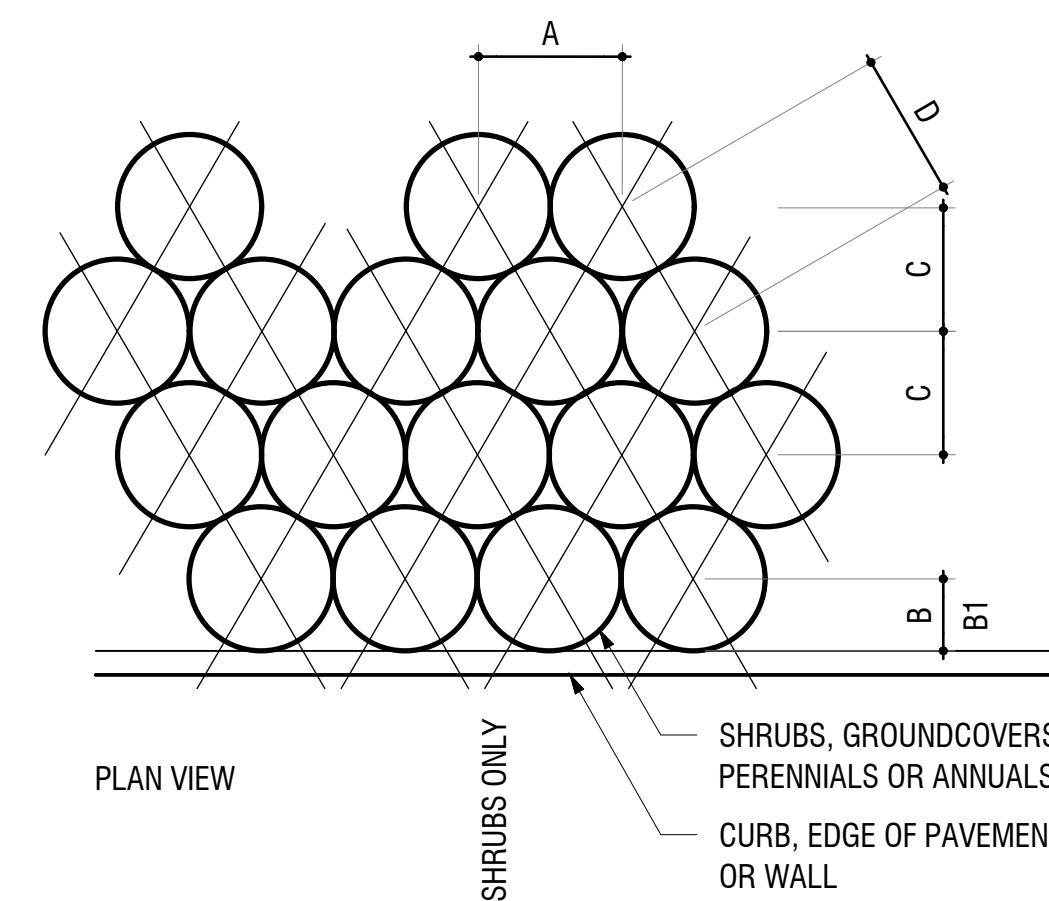
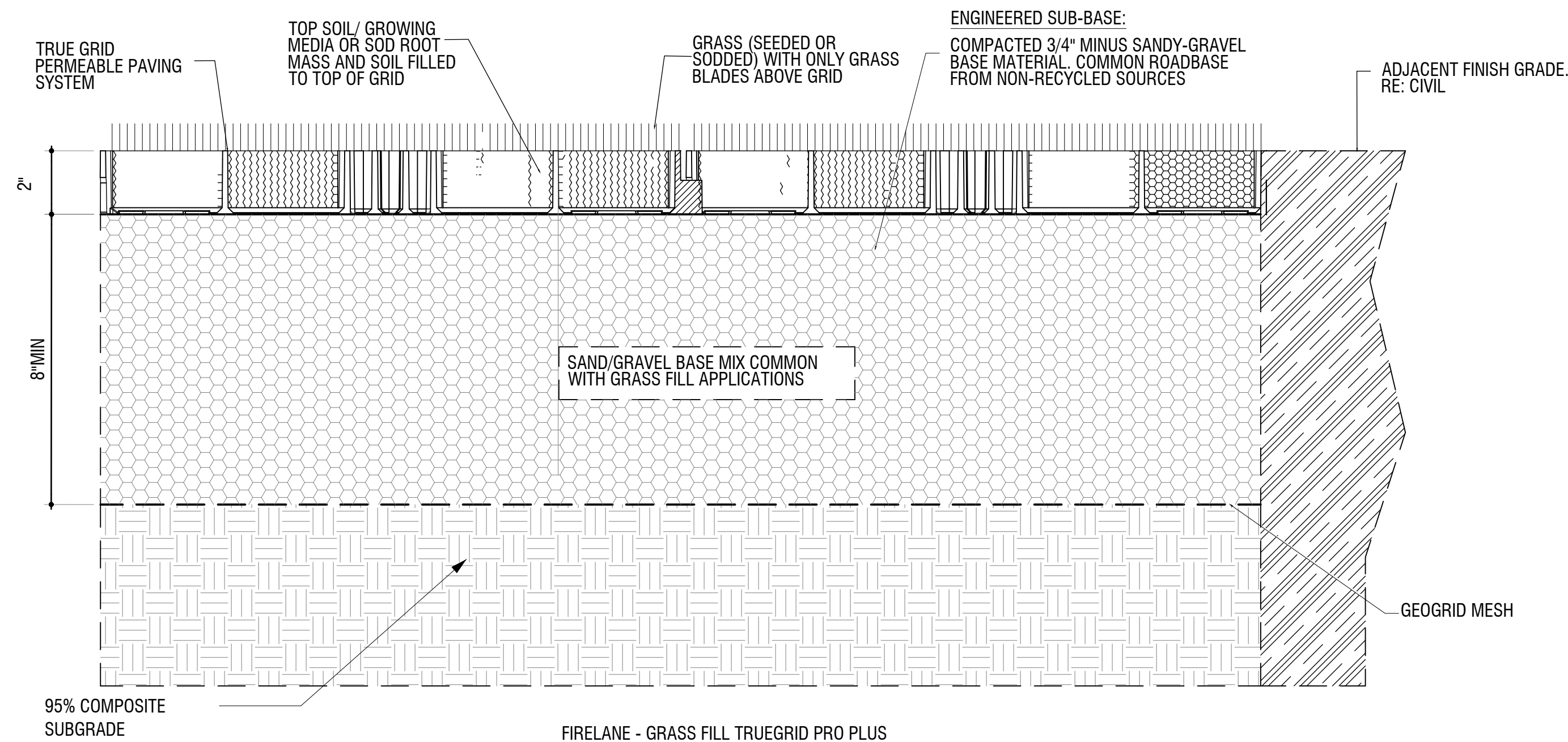
NOTES:

1. SUB-BASE DEPTH AND PREPARATION IS DEPENDENT ON SITE CONDITIONS PLUS LOADING REQUIREMENTS.
2. TRUEGRID PRO PLUS PRODUCTS ARE SUFFICIENTLY RATED FOR H-20 /HS-20 LOADING AND GREATER.
3. SEEDING METHOD: FILL SOIL/GROWING MEDIA TO TOP OF GRID. APPLY SEEDS OR HYDROSEEDING PER MANUFACTURERS' (BY OTHERS) REQUIRED APPLICATION RATES.
4. SOD INSTALLATION METHOD: FILL TOPSOIL/GROWING MEDIA HALF-WAY (~1") WITHIN TRUEGRID AND PRESS IN SOD SO THAT TOP OF GRID IS AT SOIL/ROOT LEVEL AND ONLY THE GRASS BLADES EXTEND ABOVE THE GRID.
5. GEOTEXT MESH OR GEOFABRIC MAY BE REQUIRED BETWEEN SUBGRADE & SUBBASE FOR CERTAIN SOILS AND SITE SPECIFIC REQUIREMENTS.
6. NO STAKING NECESSARY WITH TRUEGRID PRO PLUS WHEN SLOPE IS BELOW 20 DEGREES. ASSESS PROJECT, AS NEEDED.
7. TRUEGRID PRO PLUS IS ADA COMPLIANT WITH PROPER FILL MATERIAL. ALTERNATIVE ENGINEERED SUB-BASE MIXES CAN BE USED PROVIDED THEY PROMOTE
8. GRASS GROWTH, HAVE ADEQUATE VOID SPACE FOR DRAINAGE, AND PROVIDE REQUIRED STRUCTURAL SUPPORT.
9. THIS CROSS SECTION IS FOR INFORMATION ONLY.



TRUEGRID BLOCK REFERENCE VIEW

PREASSEMBLED & DELIVERED IN  
4' X 4' SHEET. RECONFIGURED  
AS NEEDED.NO EXTRA TOOLING  
OR ACCESSORIES REQUIRED



PLANT SPACING	A	B	B1	C	D
6"	6"	6"	6"	5"	6"
8"	8"	6"	8"	7"	8"
12"	12"	6"	12"	10"	12"
18"	18"	8"	18"	15"	18"
24"	24"	18"	24"	20"	24"
30"	30"	18"	30"	26"	30"
36"	36"	24"	36"	31"	36"
48"	48"	24"	48"	41"	48"

## REINFORCED SOD

SCALE: NTS

## DECIDUOUS TREE AT SYNTHETIC TURF

SCALE: 1/2" = 1'-0"

## PLANT SPACING

SCALE: 3/4" = 1'-0"



Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/15/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

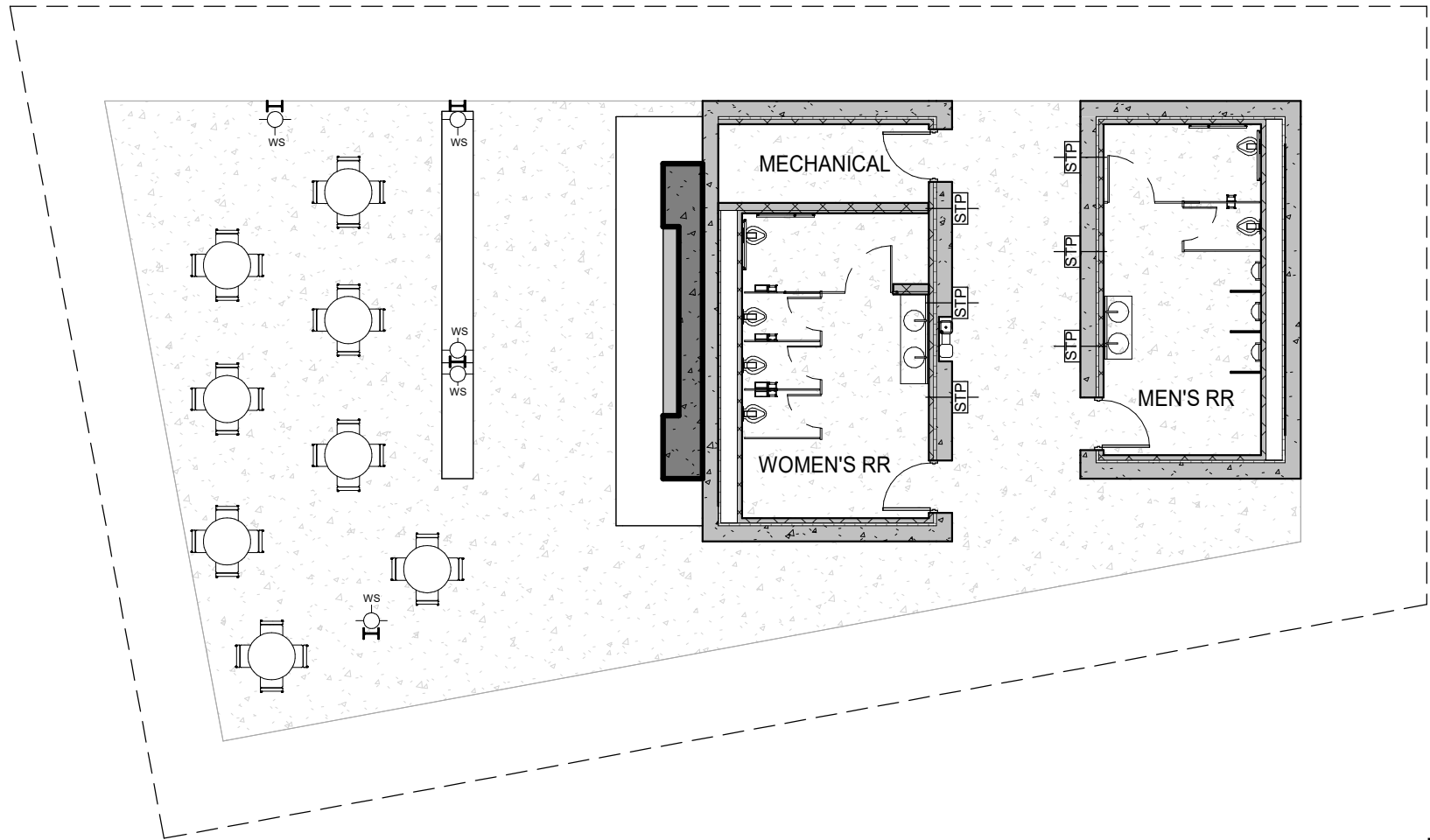
Revisions:	

CVT Proj. #: 2-21-0036

Drawn: BH, AS

Checked: BH, AS

RESTROOM  
PAVILION



5 PAVILION PLAN  
3/32" = 1'-0"



A ROOF FASCIA, T&G FACETING, AND STEEL COLUMNS



B CAST-IN-PLACE CONCRETE WALL AND SEATING  
HEARTH W/ INTEGRAL COLOR AND  
TEXTURE/AGGREGATE

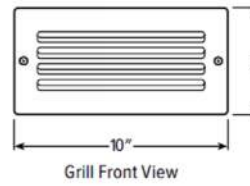


C CAST-IN PLACE BOARD FORMED CONCRETE

S10 LED  
10" Rectangular Step Light



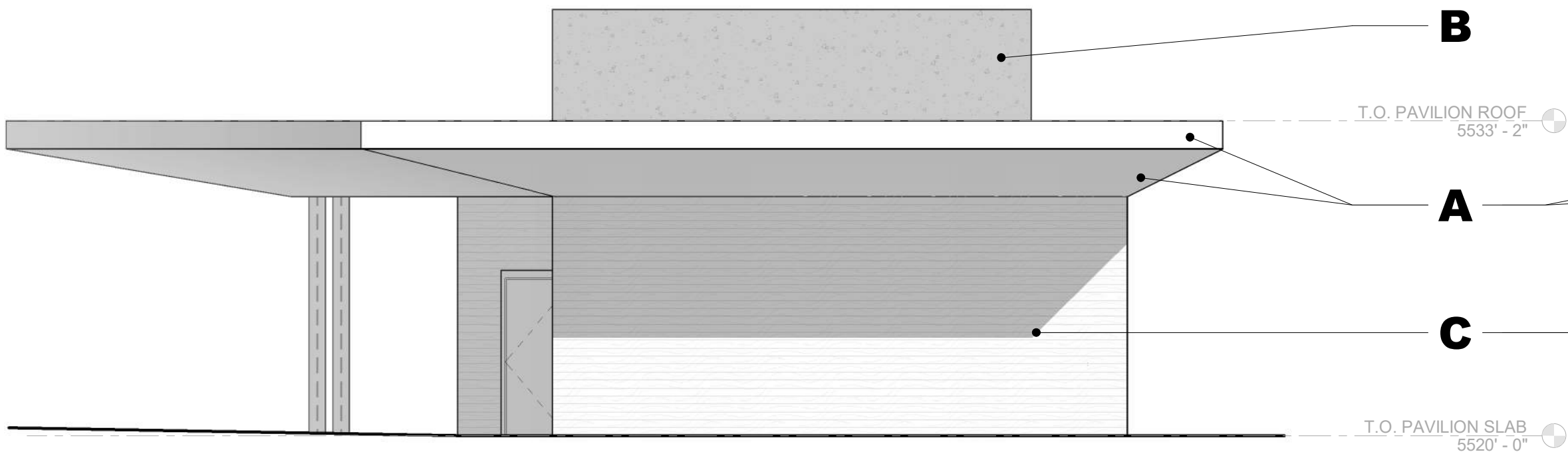
STP: STEP LIGHTS (LOCATED AT WALKWAY BETWEEN RESTROOMS)



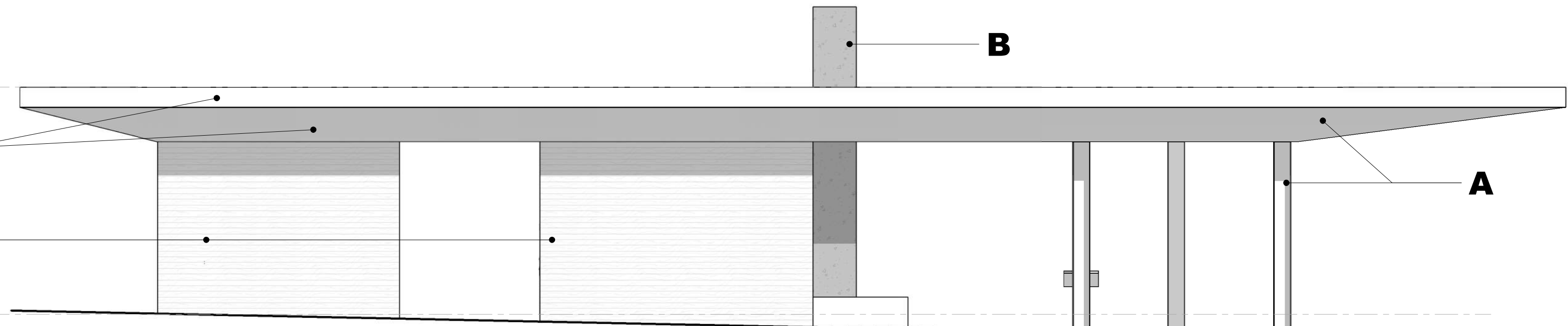
WS: WALL SCONCE (LOCATED AT  
INTERIOR FACE OF STEEL COLUMNS)

TABLE 4.8-5 - PERCENTAGE OF EXTERIOR MATERIALS

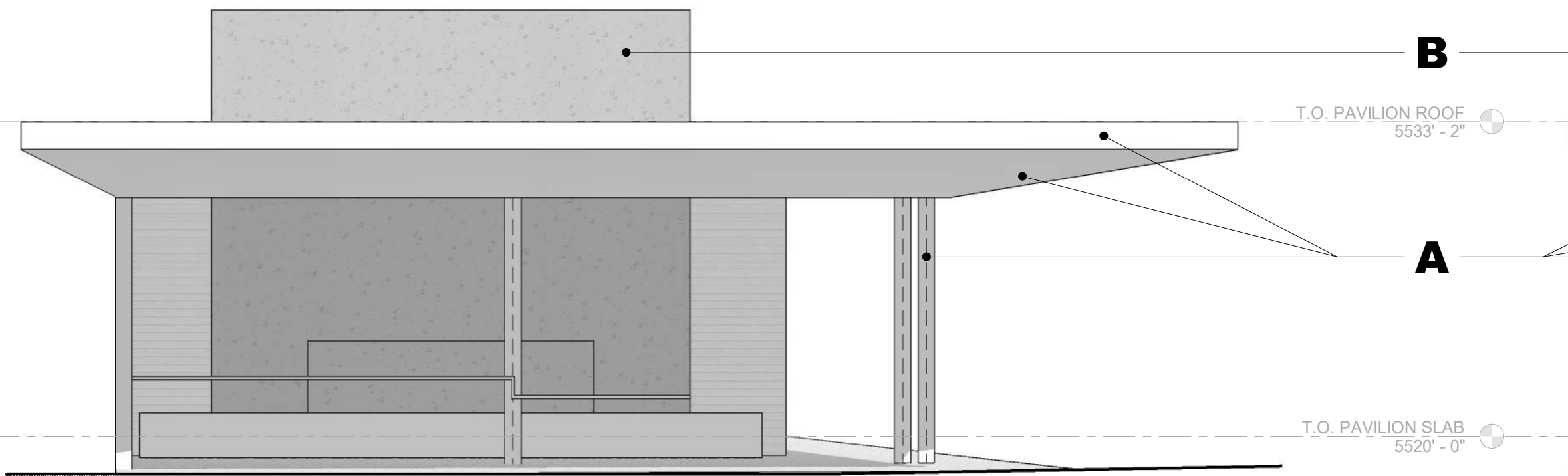
MATERIAL	AREA	%	MATERIAL
A	810 SF	36%	FASCIA AND SOFFIT / BREAK METAL FASCIA WITH FACETED WOOD T&G CEILING
B	441 SF	20%	CAST-IN-PLACE CONCRETE WALL WITH INTEGRAL BLACK COLOR AND AGGREGGATE
C	980 SF	44%	CAST-IN-PLACE BOARD FORMED CONCRETE



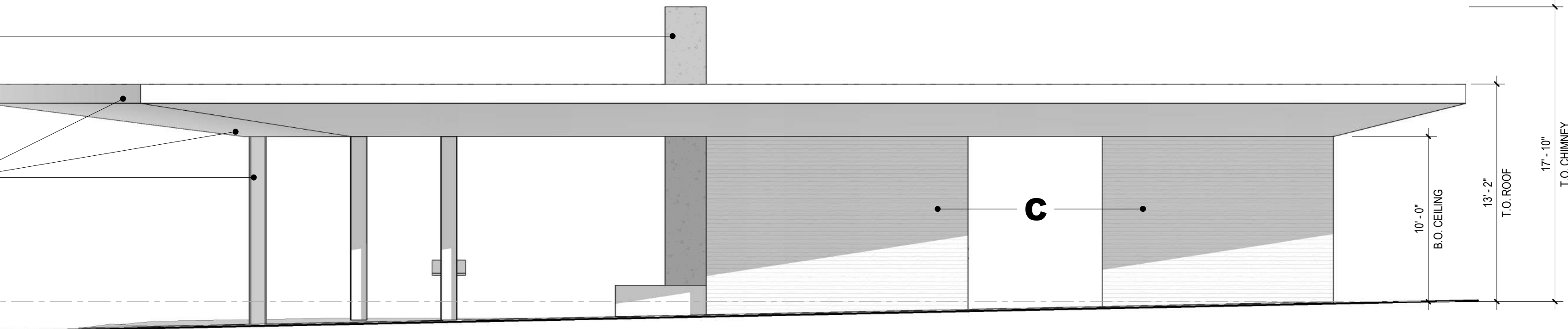
4 PAVILION EAST ELEVATION  
3/16" = 1'-0"



3 PAVILION NORTH ELEVATION  
3/16" = 1'-0"



2 PAVILION WEST ELEVATION  
3/16" = 1'-0"



1 PAVILION SOUTH ELEVATION  
3/16" = 1'-0"

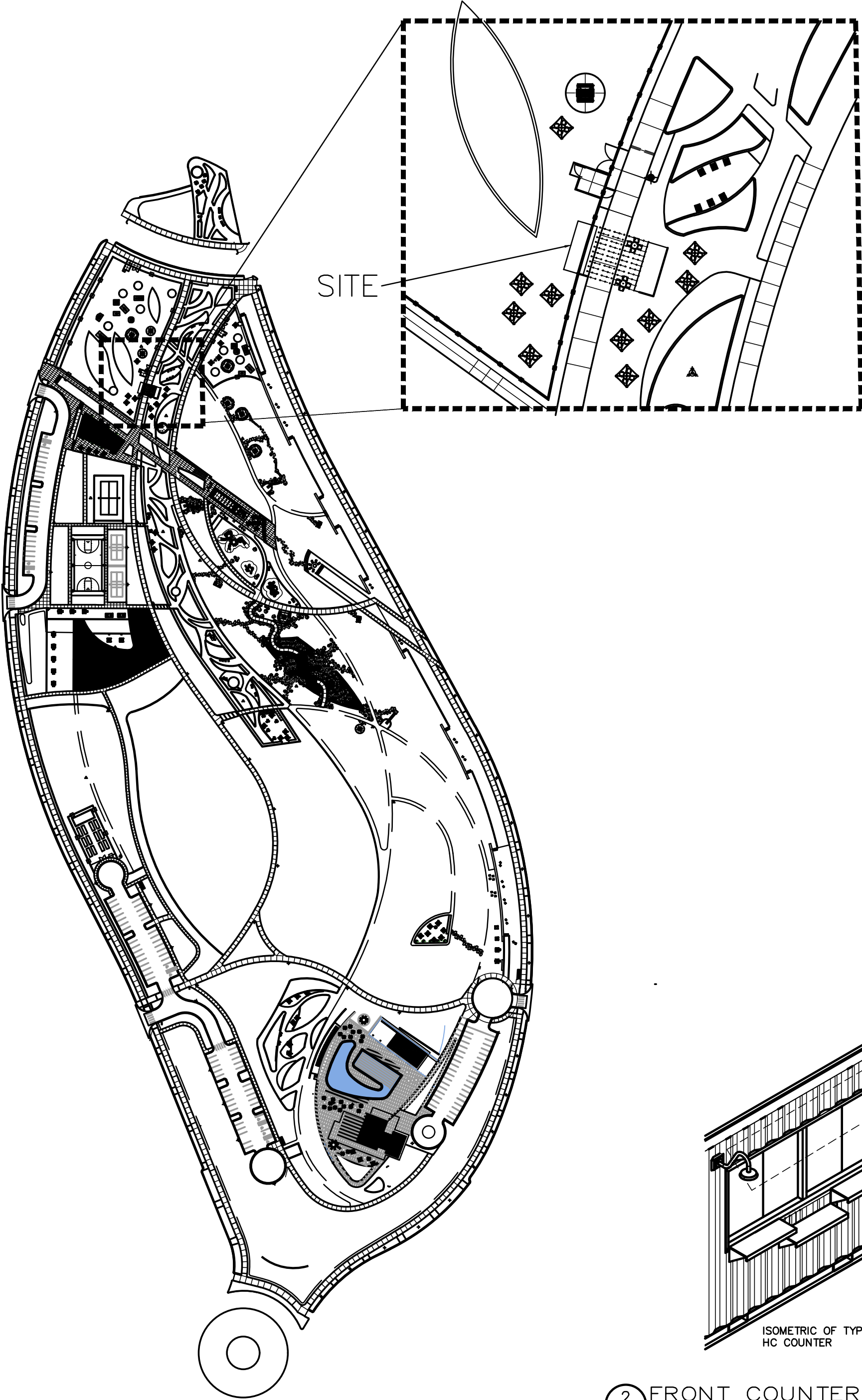


TABLE 4.8-5

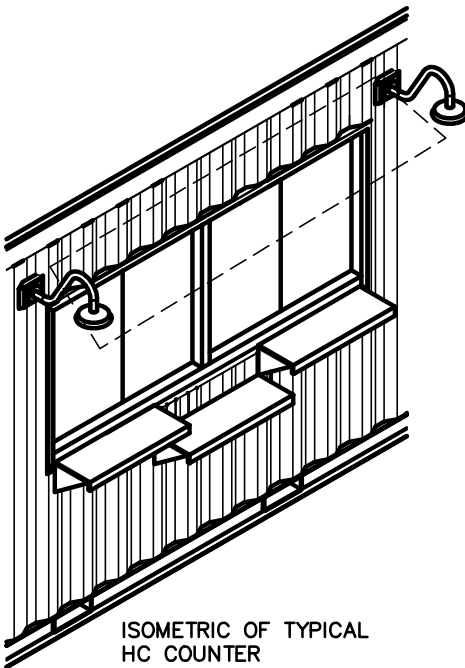
PERCENTAGE OF EXTERIOR MATERIALS		
MATERIAL	AREA	PERCENTAGE MATERIAL (1708SF TOTAL)
EX-1	83.9SF	3.7%
EX-2	857.6SF	38.4%
EX-3	579.6SF	33.9%
EX-4	426.7SF	24.0%

EXTERIOR MATERIALS		
EX-1	TYPE: ANODIZED DOUBLE GLAZED ALUM. WINDOWS	
	MFG: TBD	
	COLOR: TBD	
EX-2	TYPE: EXIST. CORRUGATED STEEL PANELS	
	MFG: TBD	
	COLOR: TBD	
EX-3	TYPE: COMPOSITE WOOD PLANKING	
	MFG: TBD	
	SEE ELECTRICAL	
	COLOR: CLEAR SEALANT	
EX-4	TYPE: METAL PANELS	
	MFG: TBD	
	COLOR: TBD	
EX-5	TYPE: LOW PROFILE GUTTER SYSTEM W/ DOWNSPOUT	
	MFG: TBD	
	COLOR: TBD	
EX-6	TYPE: GOOSENECK LIGHTING LED FIXTURE	
	MFG: TBD	
	SEE ELECTRICAL	
	COLOR: TBD	
EX-7	TYPE: SEAM-GLASS EPOXY TRIM PAINT	
	MFG: TBD	
	COLOR: PORTER PAINT	

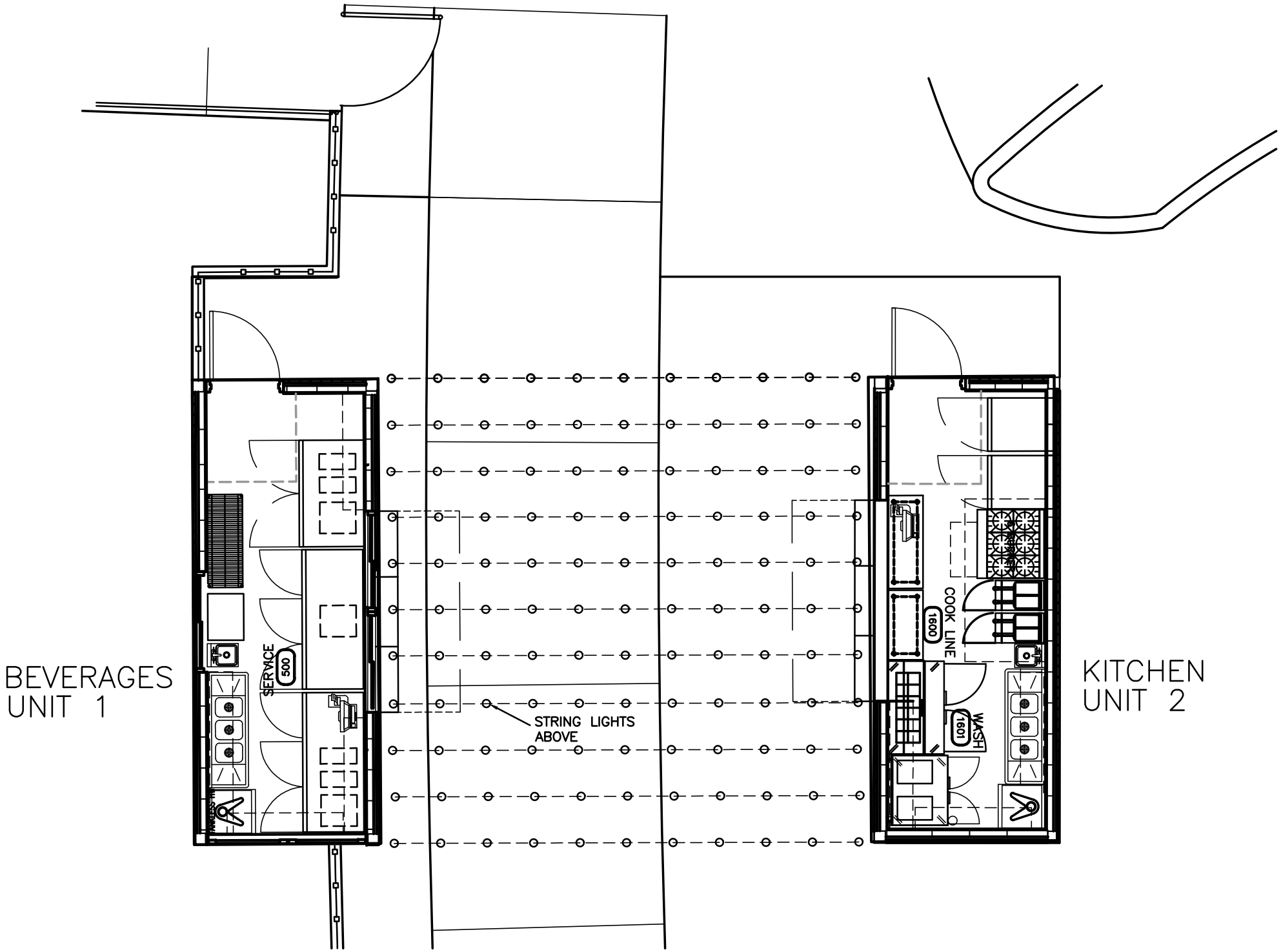
NOTE: ALL SIGNAGE IS CONCEPTUAL & WILL BE REVIEWED PER UDO REQUIREMENTS AS PART OF A SEPARATE SIGN PERMIT



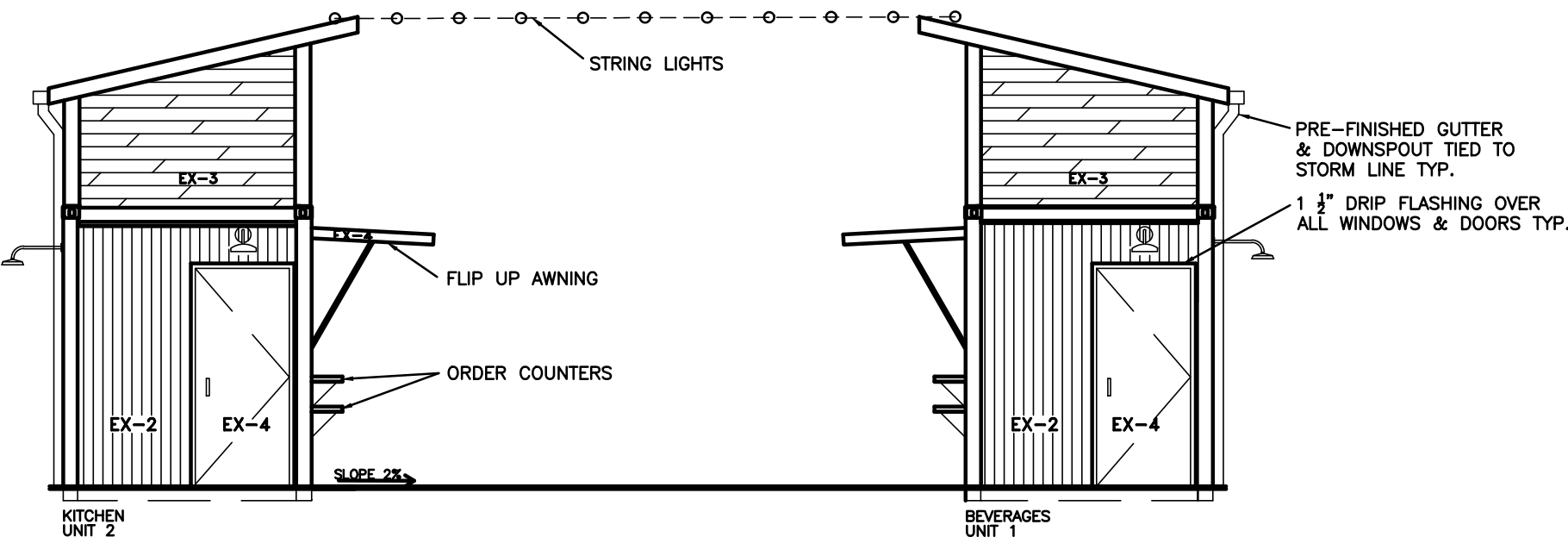
1 SITE PLAN  
A1.0 SCALE: NTS



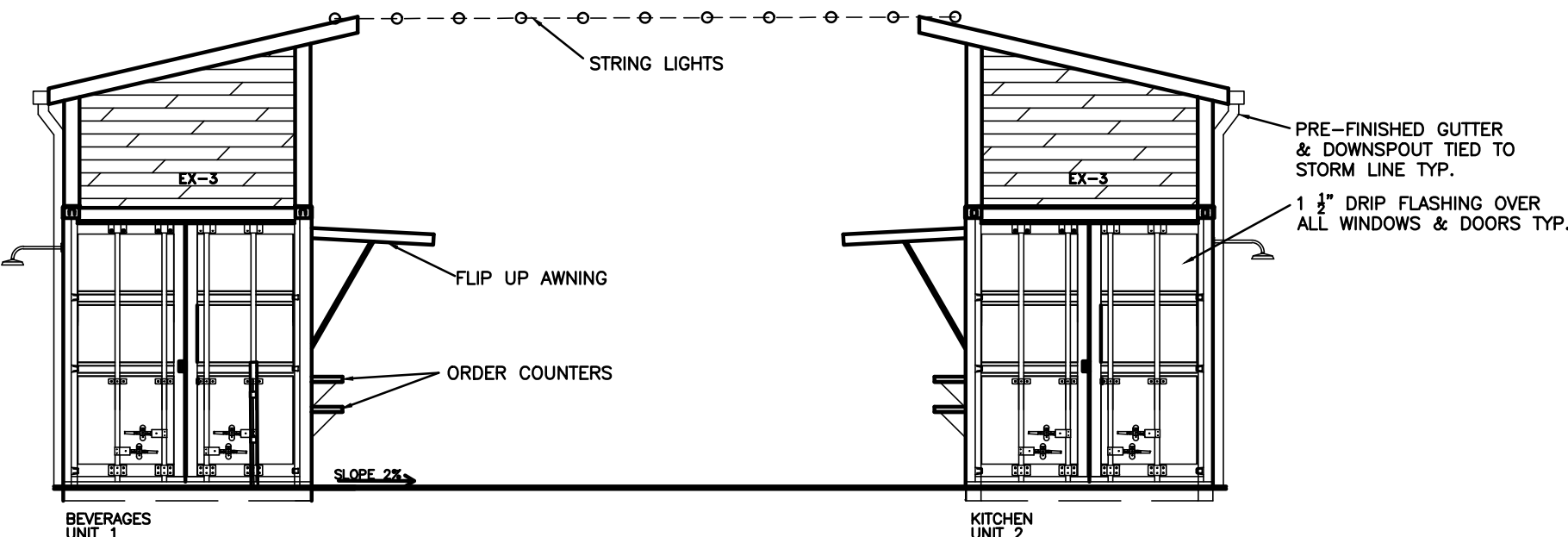
2 FRONT COUNTERS—UNIT 1&2  
A1.0 SCALE: 1/4"=1'-0"



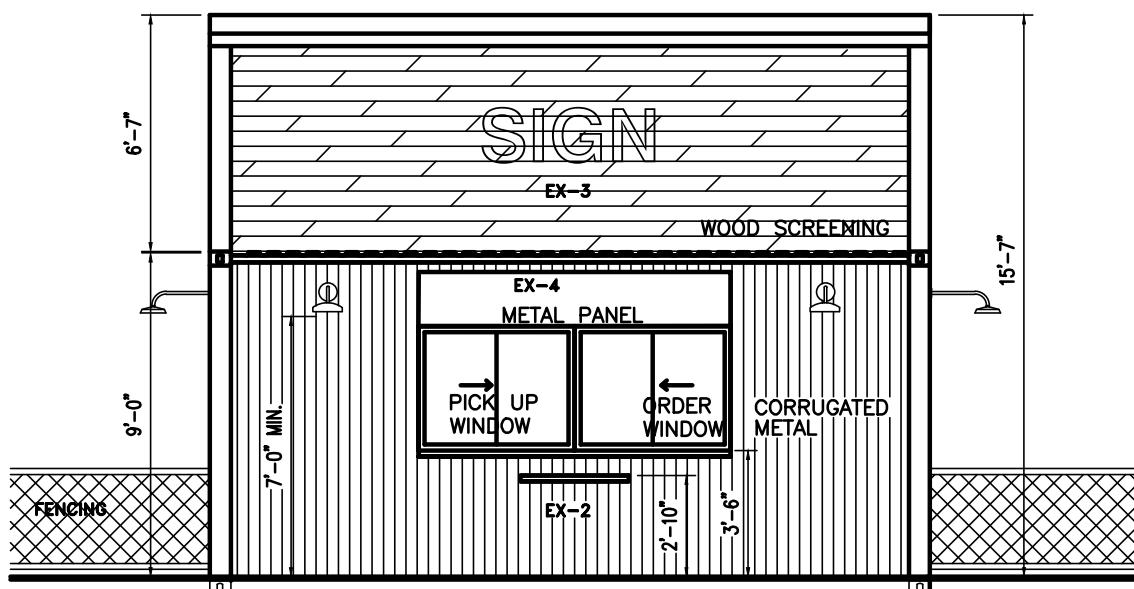
3 SITE PLAN DETAIL  
A1.0 SCALE: 1/4"=1'-0"



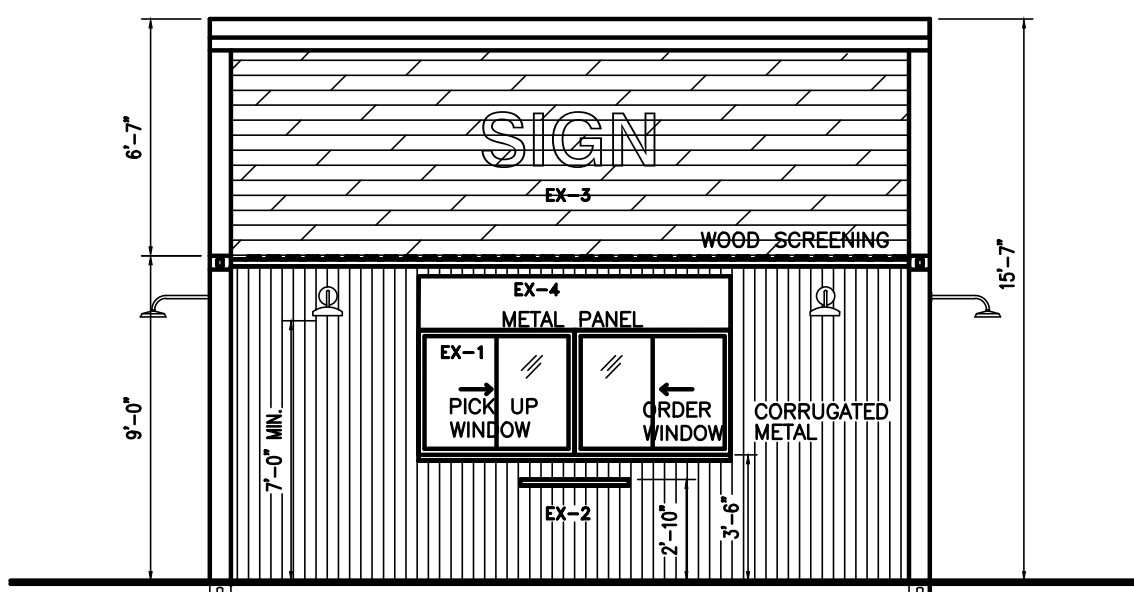
4 NORTH ELEVATION  
A1.0 SCALE: 1/4"=1'-0"



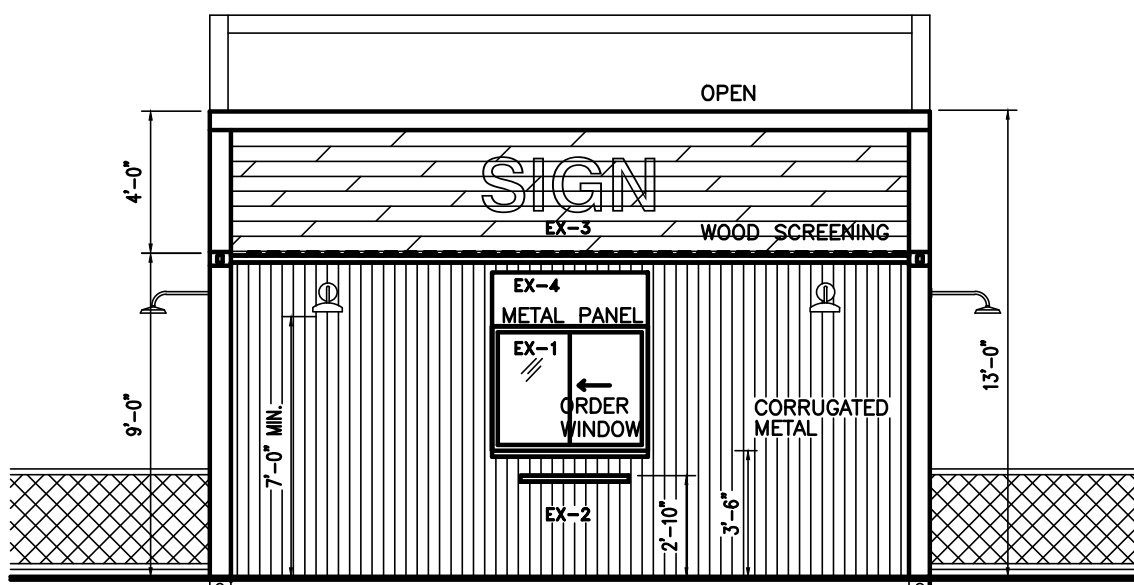
5 SOUTH ELEVATION  
A1.0 SCALE: 1/4"=1'-0"



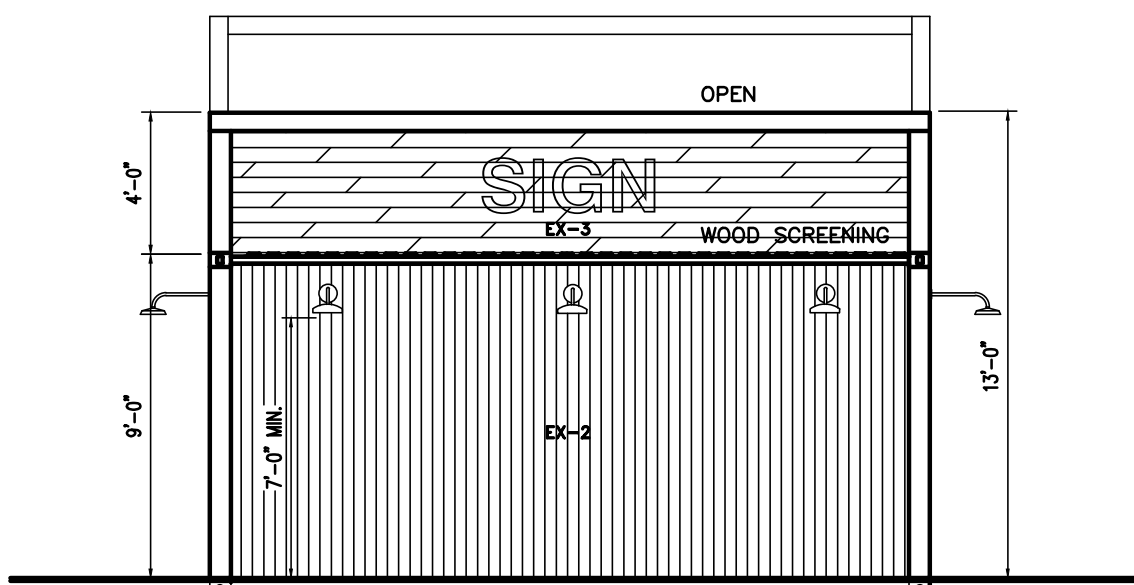
6 EAST ELEVATION—UNIT 1  
A1.0 SCALE: 1/4"=1'-0"



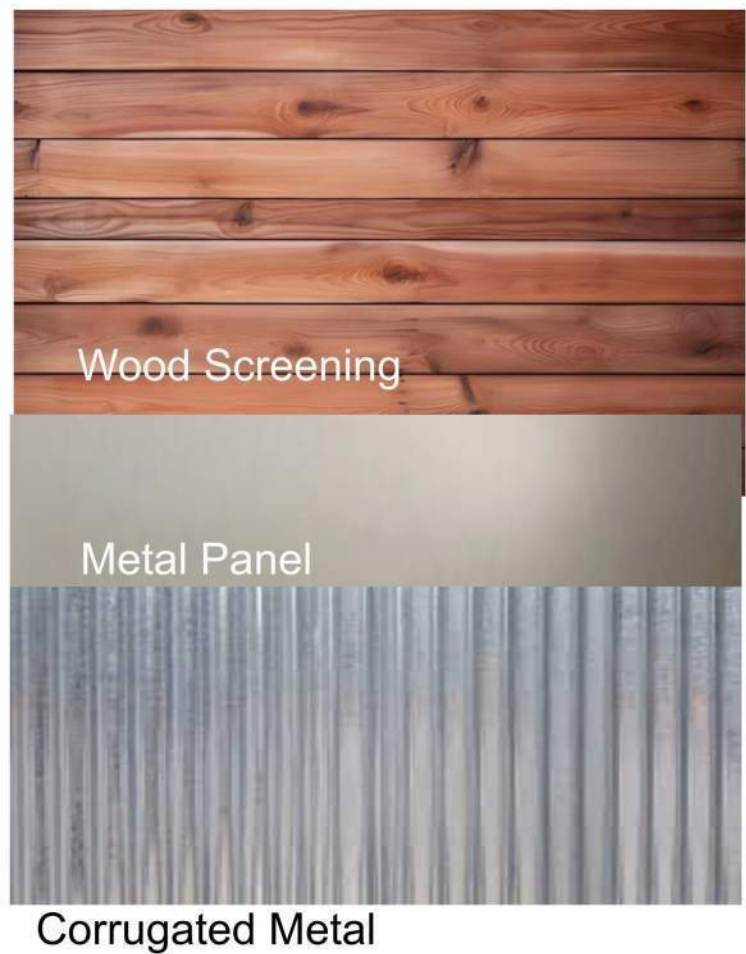
7 WEST ELEVATION—UNIT 2  
A1.0 SCALE: 1/4"=1'-0"



8 WEST ELEVATION—UNIT 1  
A1.0 SCALE: 1/4"=1'-0"



9 EAST ELEVATION—UNIT 2  
A2.0 SCALE: 1/4"=1'-0"



10 MATERIAL BOARDS  
A2.0 SCALE: NTS

Page 1 April 18, 2024

Discovery Park Color Palette					
1663 New Born Eyes	2155-40 Semolina	603 Mexican Turquoise	2086-30 Roxy Bush	PT-9 AC-35	487 Liberty Park
1664 Sea Reflections	2155-30 Yellow Magnolia	2051-40 Majestic Blue	1300 Tuscan Red	AC-33 Mesa Verde	488 Mountain Lane
1665 Mozart Blue	2155-20 Gold Mine	2051-30 Casco Bay	1301 Spanish Red	2021-30 Sunshine	489 Oak Lane
1686 In The Midnight Hour	2160-10 Carmel Corn	2053-30 Mallard Green	1302 Sweet Roxy Brown	2067-40 Blue Laps	490 Fern Brook

Potential Corrugated Metal Mural Colors  
-exact ones to be selected by the artist



CLUBHOUSE		
TABLE 4.8-5 – PERMITTED PRIMARY EXTERIOR BUILDING MATERIALS		
	TOTAL AREA	PERCENTAGE
MATERIAL A	1732 SQ. FT.	63.9%
MATERIAL B	665 SQ. FT.	24.5%
MATERIAL C	112 SQ. FT.	4.1%
MATERIAL D	204 SQ. FT.	7.5%
TOTAL	2713 SQ. FT.	



A SUMMIT BRICK COMPANY OR SIMILAR - BLEND 90% BLACK PEARL AND 10% BLACK DIAMOND



B BOARD FORM CONCRETE OR SIMILAR - BOARD SPACING AND REVEAL MAY VARY



C LONGBOARD - ALUMINUM LINK AND LOCK FINISH AND TONGUE AND GROOVE SOFFIT, TABLE WALNUT FINISH OR SIMILAR



D STOREFRONT GLAZING



E ACCENT TILE - DAL TILE OR SIMILAR, COLOR WHEEL CLASSIC, ARTCRAFTED, REMEDY. FINALS COLORS AND DESIGN MAY VARY

NOTE: IMAGERY PROVIDED TO DEPICT DESIGN INTENT ONLY - INCLUDING MATERIALITY AND SCALE. FINAL PATTERN AND COLOR SELECTIONS ARE SUBJECT TO ADDITIONAL REFINEMENT, BASED ON AVAILABILITY AND ON-GOING DESIGN DEVELOPMENT, AND SHALL BE PRESENTED FOR APPROVAL AT A LATER DATE.

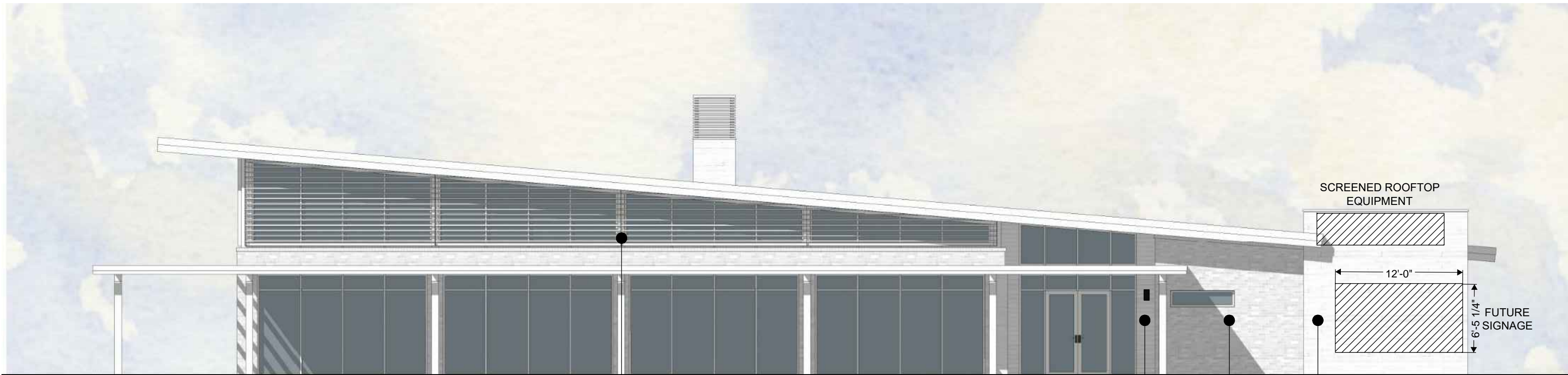


A D B

4 CLUBHOUSE - NORTHWEST ELEVATION  
SCALE: 1/8" = 1'-0"

MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 340 SQ. FT.  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 715 SQ. FT.

MATERIAL A: 249 SQ. FT. (73.2%)  
MATERIAL B: 28 SQ. FT. (8.2%)  
MATERIAL D: 63 SQ. FT. (18.6%)



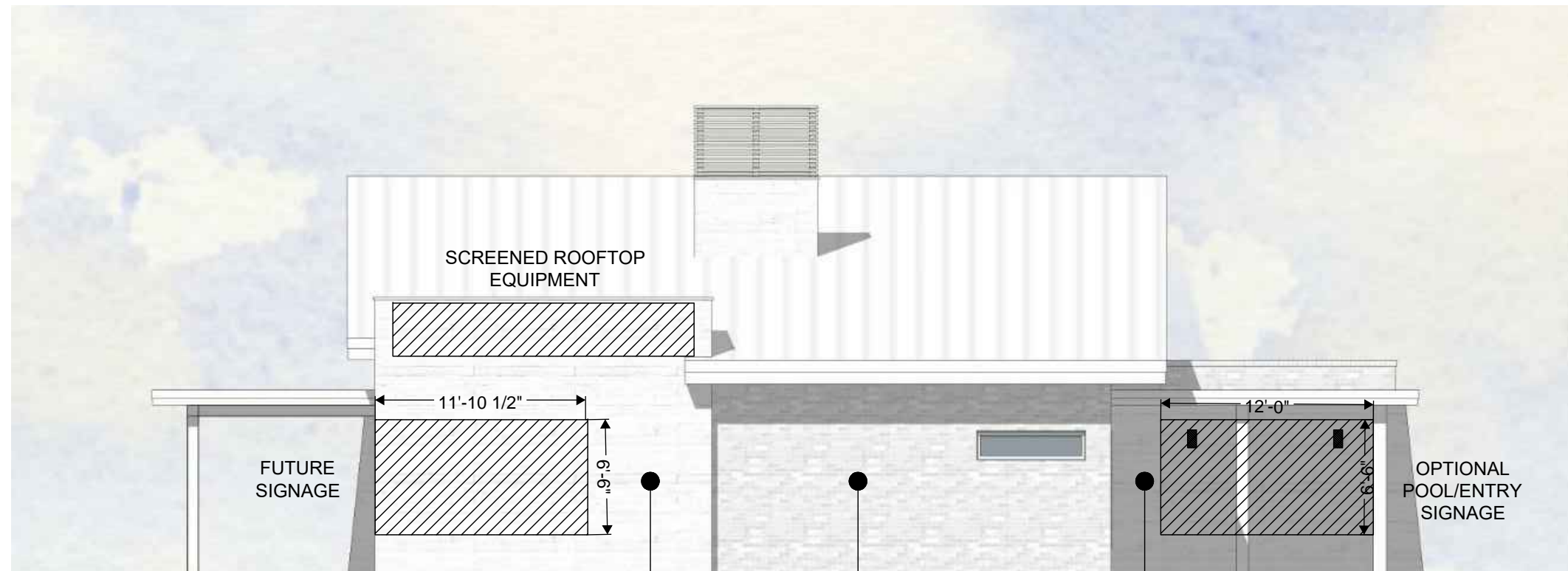
D C A B

2 CLUBHOUSE - SOUTHWEST ELEVATION  
SCALE: 1/8" = 1'-0"

MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 596 SQ. FT.  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 1,127 SQ. FT.

MATERIAL A: 155 SQ. FT. (26%)  
MATERIAL B: 335 SQ. FT. (56.2%)

MATERIAL C: 45 SQ. FT. (7.6%)  
MATERIAL D: 61 SQ. FT. (10.2%)



B A A

3 CLUBHOUSE - SOUTHEAST ELEVATION  
SCALE: 1/8" = 1'-0"

MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 696 SQ. FT.  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 9 SQ. FT.

MATERIAL A: 449 SQ. FT. (64.5%)  
MATERIAL B: 247 SQ. FT. (35.5%)



B A D C A C D

1 CLUBHOUSE - NORTHEAST ELEVATION  
SCALE: 1/8" = 1'-0"

MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 1,081 SQ. FT.  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 784 SQ. FT.

MATERIAL A: 879 SQ. FT. (81.3%)  
MATERIAL B: 55 SQ. FT. (5.1%)

MATERIAL C: 67 SQ. FT. (6.2%)  
MATERIAL D: 80 SQ. FT. (7.4%)

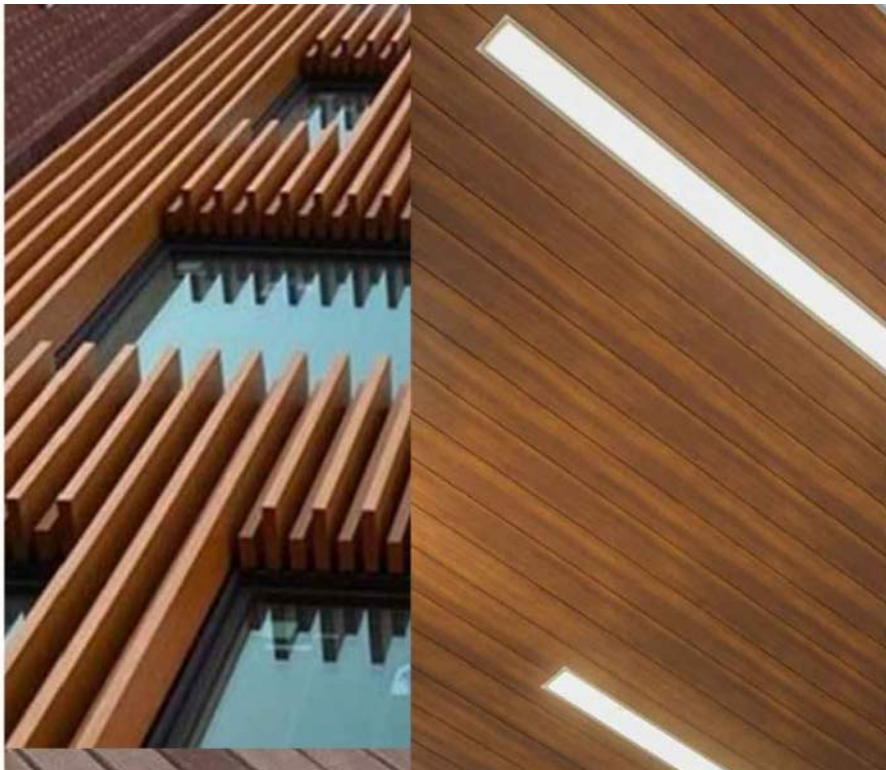




A SUMMIT BRICK COMPANY OR SIMILAR - BLEND 90% BLACK PEARL AND 10% BLACK DIAMOND



B BOARD FORM CONCRETE OR SIMILAR - BOARD SPACING AND REVEAL MAY VARY



C LONGBOARD - ALUMINUM LINK AND LOCK FINISH AND TONGUE AND GROOVE SOFFIT, TABLE WALNUT FINISH OR SIMILAR



D STOREFRONT GLAZING



E ACCENT TILE - DAL TILE OR SIMILAR, COLOR WHEEL CLASSIC, ARTCRAFTED, REMEDY. FINALS COLORS AND DESIGN MAY VARY

POOL BUILDING		
TABLE 4.8-5 – PERMITTED PRIMARY EXTERIOR BUILDING MATERIALS		
	TOTAL AREA	PERCENTAGE
MATERIAL A	1299 SQ. FT.	61.7%
MATERIAL B	688 SQ. FT.	32.7%
MATERIAL E	117 SQ. FT.	5.6%
TOTAL	2104 SQ. FT.	

NOTE: IMAGERY PROVIDED TO DEPICT DESIGN INTENT ONLY - INCLUDING MATERIALITY AND SCALE. FINAL PATTERN AND COLOR SELECTIONS ARE SUBJECT TO ADDITIONAL REFINEMENT, BASED ON AVAILABILITY AND ON-GOING DESIGN DEVELOPMENT, AND SHALL BE PRESENTED FOR APPROVAL AT A LATER DATE.



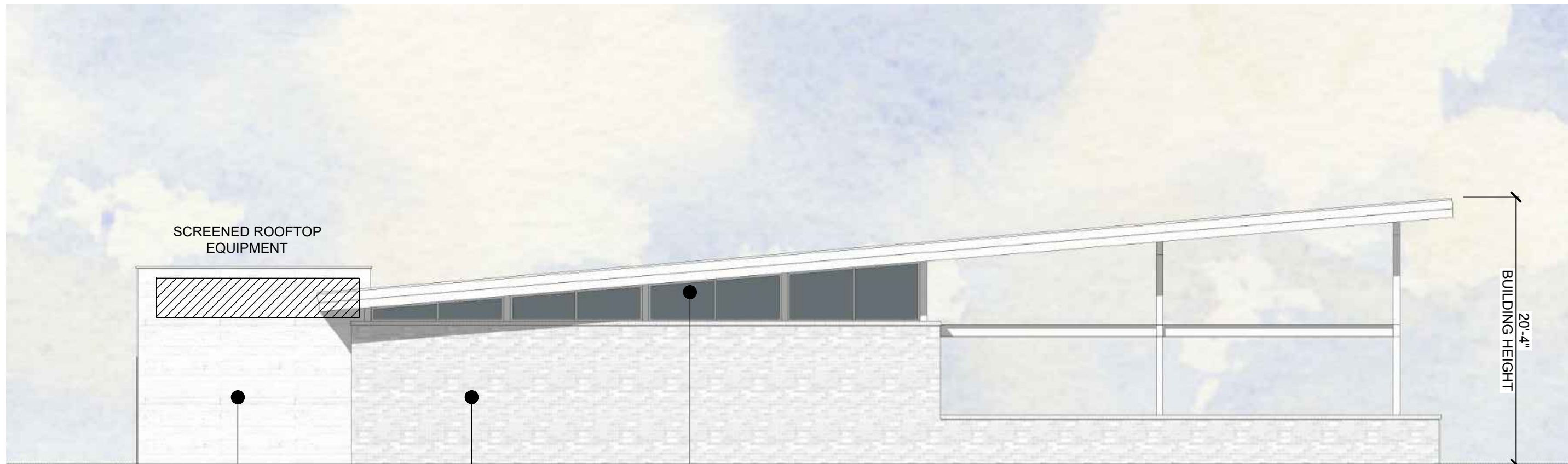
4 POOL BUILDING - NORTHWEST ELEVATION  
SCALE: 1/8" = 1'-0"  
MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 308 SQ. FT. MATERIAL A: 308 SQ. FT. (100%)  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 140 SQ. FT.



2 POOL BUILDING - SOUTHWEST ELEVATION  
SCALE: 1/8" = 1'-0"  
MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 657 SQ. FT. MATERIAL A: 310 SQ. FT. (47.2%) MATERIAL E: 117 SQ. FT. (17.8%)  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 162 SQ. FT. MATERIAL B: 230 SQ. FT. (35%)



3 POOL BUILDING - SOUTHEAST ELEVATION  
SCALE: 1/8" = 1'-0"  
MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 273 SQ. FT. MATERIAL A: 44 SQ. FT. (16.1%)  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 111 SQ. FT. MATERIAL B: 229 SQ. FT. (83.9%)



1 POOL BUILDING - NORTHEAST ELEVATION  
SCALE: 1/8" = 1'-0"  
MATERIAL TOTAL (EXCLUDES ROOFS + GLAZING BELOW): 866 SQ. FT. MATERIAL A: 637 SQ. FT. (73.5%)  
GLAZING (WINDOW + DOOR + TRIM/FRAME) TOTAL: 121 SQ. FT. MATERIAL B: 229 SQ. FT. (26.5%)



GENERAL NOTES:

1. THE SUBMISSION OF A BID BY THE CONTRACTOR IS NOTIFICATION THAT THE CONTRACTOR HAS TOTALLY FAMILIARIZED HIMSELF WITH THE CONTRACT DOCUMENTS AND EXISTING SITE CONDITIONS AND HAS AGREED TO PROVIDE THE NECESSARY LABOR AND MATERIAL FOR THE COMPLETE INSTALLATION OF EACH SYSTEM IN A NEAT AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE BEST PRACTICES OF THE INDUSTRY AND IN COMPLIANCE WITH ALL AUTHORITIES HAVING JURISDICTION.

2. THESE DRAWINGS ARE PRESENTED TO THE CONTRACTOR WITH THE UNDERSTANDING THAT THE CONTRACTOR IS AN EXPERT AND COMPETENT IN THE PREPARATION OF CONTRACT BID PRICES ON THE BASIS OF INFORMATION SUCH AS IS CONTAINED IN THESE DOCUMENTS. IT IS THE INTENT OF THE DRAWINGS AND SPECIFICATIONS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION AND IN COMPLETE CONFORMANCE WITH ALL APPLICABLE CODES, RULES, AND REGULATIONS. MINOR ITEMS NOT USUALLY SHOWN OR SPECIFIED, BUT MANIFESTLY NECESSARY FOR THE PROPER INSTALLATION AND OPERATION OF THE VARIOUS SYSTEMS, SHALL BE INCLUDED IN THE WORK AND IN THE PROPOSAL THE SAME AS IF SPECIFIED OR SHOWN ON THE DRAWINGS. IF ANY DEPARTURES FROM THE DRAWINGS ARE DEEMED NECESSARY, DETAILS OF SUCH DEPARTURES AND THE REASONS THEREFORE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO DEPARTURES SHALL BE MADE WITHOUT PRIOR APPROVAL.

3. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS IN THE FIELD, AND SHALL ADVISE THE OWNER OF ANY DISCREPANCIES BEFORE PERFORMING THE WORK.

4. THE DRAWINGS INDICATE ARRANGEMENTS AND APPROXIMATE SIZES AND RELATIVE LOCATIONS OF PRINCIPAL APPARATUS, EQUIPMENT, DEVICES, AND SERVICES TO BE PROVIDED. DRAWINGS ARE DIAGRAMMATIC AND ARE A GRAPHIC REPRESENTATION OF CONTRACT REQUIREMENTS BASED ON THE INFORMATION PROVIDED BY THE MANUFACTURER IDENTIFIED IN THE EQUIPMENT SCHEDULE AT THE SCALE INDICATED.

5. LAYOUT OF EQUIPMENT INDICATED ON THE DRAWINGS SHALL BE CHECKED AND COMPARED AGAINST ALL DRAWINGS AND SPECIFICATIONS OF ALL TRADES AND EXACT LOCATIONS DETERMINED USING APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT. WHERE PHYSICAL INTERFERENCES OCCUR, CONSULT WITH THE OWNER AND PREPARE DATED, DIMENSIONED DRAWINGS COORDINATED WITH ALL OTHER TRADES WORKING IN THIS AREA AND CORRECTING SUCH INTERFERENCE.

6. THE CONTRACTOR SHALL SCHEDULE THEIR WORK IN ACCORDANCE WITH THE CONSTRUCTION SCHEDULE SO THAT ALL OF THEIR WORK CAN BE INSTALLED WITHOUT DELAYING THE PROJECT. ALL WORK RELATED TO SHUTDOWN OF EXISTING SERVICES SHALL BE PERFORMED AT THE HOURS DESIGNATED BY THE OWNER WITH ALL ASSOCIATED COSTS BORNE BY THE CONTRACTOR AT NO COST TO THE OWNER. PROVIDE ANY TEMPORARY FACILITIES REQUIRED TO PERMIT OWNER'S USE OF EXISTING FACILITIES AND SYSTEMS TO REMAIN UNDISTURBED. COORDINATE ALL WORK, INCLUDING ALL SHUTDOWNS THAT AFFECT SYSTEMS AND/OR PORTIONS OF THE BUILDING THAT MUST REMAIN IN OPERATION, WITH OWNER.

7. THE CONTRACTOR SHALL SECURE AND PAY ALL FEES, LICENSES, INSPECTIONS, AND PERMITS PERTAINING TO THE CONTRACT. SUBMIT TO OWNER DUPLICATE CERTIFICATES OF INSPECTION FROM APPROVED INSPECTION AGENCY.

8. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WORKMEN'S IDENTIFICATION AND BADGING, SAFETY AND FIRE PROTECTION, BARRICADES, WARNING SIGNS, TRASH REMOVAL, CUTTING AND PATCHING.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RIGGING, HANDLING, AND PROTECTION OF MATERIALS. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND WITHOUT BLEMISH OR DEFECT. ALL EQUIPMENT INSTALLED SHALL BEAR THE LABEL OF AN APPROVED AGENCY.

11. THE CONTRACTOR SHALL PROVIDE LABOR TO RECEIVE, UNLOAD, STORE, PROTECT, AND TRANSFER TO POINT OF INSTALLATION FOR ALL FURNISHED ITEMS.

12. WHERE CONDUIT, CABLES, DUCTWORK, OR PIPING PASSES THROUGH FIRE RATED FLOORS OR WALLS, THE PENETRATION SHALL BE COMPLETELY SEALED WITH A FIRE STOP MATERIAL THAT IS UL LISTED AND ACCEPTED BY THE BUILDING DEPARTMENT AND FIRE DEPARTMENT AS BEING SUITABLE FOR THIS SERVICE. THIS MATERIAL SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER TO MAINTAIN THE UL LISTED FIRE RATING OF THE PENETRATED WALL OR FLOOR.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SLAB OPENINGS, WALL OPENINGS, BEAM PENETRATIONS, AND CORING AS IT RELATES TO THEIR WORK. THE CONTRACTOR SHALL SUBMIT SIZE AND LOCATION FOR REVIEW AND APPROVAL.

14. ALL EXTERIOR WALL OPENINGS SHALL BE SLEEVED, PROPERLY CAULKED, AND SEALED WITH A HIGH QUALITY SEALANT TO PREVENT INFILTRATION OF MOISTURE AND OUTSIDE AIR.

15. THE CONTRACTOR SHALL SUBMIT SCHEDULE OF SUBMITTALS PRIOR TO SUBMITTING ANY SHOP DRAWINGS, ETC. TO BE SUBMITTED FOR THIS PROJECT, INCLUDING THE ANTICIPATED DATE OF EACH SUBMISSION. CONTRACTORS SHALL SUBMIT AN ELECTRONIC COPY OF THE COMPLETE SHOP DRAWINGS AND CATALOG CUTS, WIRING DIAGRAMS AND ASSOCIATED DATA TO THE OWNER FOR APPROVAL PRIOR TO PURCHASING EQUIPMENT OR STARTING ANY WORK. ANY WORK INSTALLED OR EQUIPMENT PURCHASED PRIOR TO RECEIPT OF OWNER APPROVED SUBMITTALS SHOP DRAWINGS THAT REQUIRES CHANGES SHALL BE REPLACED AT CONTRACTOR'S EXPENSE.

16. SUBMIT CATALOG INFORMATION, FACTORY ASSEMBLY DRAWINGS AND FIELD INSTALLATION DRAWINGS AS REQUIRED FOR A COMPLETE EXPLANATION AND DESCRIPTION OF ALL ITEMS TO BE PROVIDED. THE CONTRACTOR SHALL REVIEW AND APPROVE ALL SHOP DRAWINGS. NO SUBMISSION WILL BE ACCEPTED WITHOUT THE SIGNED APPROVAL OF THE CONTRACTOR. THE CONTRACTOR SHALL CHECK AND VERIFY ALL FIELD MEASUREMENTS.

17. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL SUPPLY THE OWNER WITH (3) COMPLETE BOUND COPIES OF ALL OWNER APPROVED SUBMITTALS AND ALL OPERATION AND MAINTENANCE MANUALS

18. ALL WORK FURNISHED UNDER THE CONTRACT SHALL BE GUARANTEED AGAINST ANY AND ALL DEFECTS IN WORKMANSHIP AND/OR MATERIALS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE INSTALLATION, UNLESS NOTED OTHERWISE IN THE PROJECT SPECIFICATIONS, AND ANY DEFECTS OF WORKMANSHIP DEVELOPING DURING THIS PERIOD SHALL BE REMEDIED AND ANY DEFECTIVE MATERIAL REPLACED WITHOUT ADDITIONAL COST TO THE OWNER.

19. INSTALLED SYSTEMS SHALL OPERATE UNDER ALL CONDITIONS OF LOAD WITHOUT SOUND OR VIBRATION THAT IS OBJECTABLE TO THE OWNER, OBJECTABLE SOUND OR VIBRATION CONDITIONS DUE TO WORKMANSHIP SHALL BE CORRECTED IN APPROVED MANNER BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

20. THE CONTRACTOR SHALL SIMILARLY NOTIFY OWNER OF COMPLETION OF ALL WORK, INDICATING THE CONTRACTOR IS READY FOR THE OWNER TO PERFORM THE FINAL PUNCHLIST INSPECTION.

21. UPON COMPLETION OF ALL UNFINISHED OR FAULTY WORK NOTED IN THE OWNER'S FINAL PUNCH LIST, THE CONTRACTOR SHALL SUBMIT TO THE OWNER IN WRITING A LETTER OF COMPLETION CERTIFYING THAT ALL PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ALL AS-BUILTS, MANUALS, ETC. HAVE BEEN SUBMITTED.

22. SHOULD A CONTRACTOR REQUIRE REMOVAL, RELOCATION, OR REROUTING OF ANOTHER TRADE'S WORK THAT IS NOT INDICATED ON DRAWINGS, THE CONTRACTOR REQUIRING SUCH WORK SHALL BE RESPONSIBLE FOR THAT WORK, AND PAY ALL REQUIRED COSTS.

23. ALL WORK INVOLVING ALTERATIONS TO EXISTING SYSTEMS, EQUIPMENT, AND MATERIALS SHALL BE REVIEWED WITH THE OWNER BEFORE BEGINNING WORK.

24. DEFINITION: UNLESS OTHERWISE NOTED, ALL WORK SPECIFIED HEREIN OR NOTED ON DRAWINGS, SHALL BE BY THE CONTRACTOR. THE TERM "PROVIDE" WHENEVER ENCOUNTERED ON DRAWINGS OR IN THESE SPECIFICATIONS, SHALL MEAN "FURNISH AND INSTALL."

25. CODES AND STANDARDS: ALL MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, ALL APPLICABLE CODES, SPECIFICATIONS, LOCAL ORDINANCES, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS AND FIRE INSURANCE CARRIER'S REQUIREMENTS.

26. MATERIALS: ALL MATERIALS FURNISHED BY THIS CONTRACTOR, SHALL BE NEW AND BEAR THE LABEL OR LISTING OF A NATIONALLY RECOGNIZED INDEPENDENT TESTING LABORATORY.

27. OUTLET AND SWITCH BOXES: PROVIDE AND INSTALL OUTLET BOXES OF PROPER TYPE AND SIZE AS REQUIRED AT ALL OUTLETS WHERE SHOWN. SECURED FIRMLY IN PLACE AND SET TRUE AND SQUARE AND FLUSH WITH THE FINISHED SURFACE.

28. WIRING: WIRES SHALL BE COPPER AND RATED FOR THE LOCATIONS IN WHICH THEY ARE INSTALLED. ALL RACEWAYS ARE SHOWN DIAGRAMMATICALLY, EXACT LOCATION TO BE DETERMINED ON THE JOB. CONTRACTOR SHALL ARRANGE ALL NEW CIRCUITS IN PANELS SO AS TO BALANCE THE LOAD ON ALL PHASES.

29. A TYPED DIRECTORY CARD SHALL BE PROVIDED IN EACH PANEL WITH ADDED CIRCUITS TO INDICATE THE LOADS ACTUALLY SERVED.

30. GROUNDING: SHALL BE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 250. PROVIDE GROUND WIRES AS REQUIRED AND RESIZE CONDUIT IF NECESSARY.

31. DEMONSTRATION OF COMPLETE ELECTRICAL SYSTEMS: UPON COMPLETION OF THE WORK THE CONTRACTOR SHALL OBTAIN A CERTIFICATE OF APPROVAL FROM THE RESPECTIVE INSPECTION AGENCIES. CONTRACTOR SHALL NOTIFY AND MAKE ALL THE NECESSARY ARRANGEMENTS WITH THE INSPECTING AGENCY AND LOCAL AUTHORITIES SO THAT INSPECTION MAY BE CARRIED OUT AT THE PROPER TIME.

32. ENCLOSURES: INSTALL ENCLOSURES AND BOXES PLUMB. ANCHOR SECURELY TO WALL OR STRUCTURAL SUPPORTS AT EACH CORNER. USE MANUFACTURER RECOMMENDED ANCHOR BOLTS FOR VARIOUS STRUCTURES.

33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PRIVATE OR PUBLIC, PRIOR TO EXCAVATION. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UNDERGROUND FACILITIES AT OR CONTIGUOUS TO THE SITE IS APPROXIMATE AND BASED ON INFORMATION FURNISHED BY THE OWNERS OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPURTENANCES OBSERVED IN THE FIELD. THE OWNER AND ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA, AND THE CONTRACTOR SHALL HAVE THE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA, FOR LOCATING ALL UNDERGROUND FACILITIES, FOR COORDINATION OF THE WORK WITH THE OWNERS OF SUCH UNDERGROUND FACILITIES DURING CONSTRUCTION, FOR THE SAFETY AND PROTECTION THEREOF, AND FOR REPAIRING ANY DAMAGE THERETO RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION SO THAT THE LOCATION OF UNDERGROUND UTILITIES CAN BE MARKED.

34. EXISTING GAS LINES ARE LOCATED IN THE RIGHT-OF-WAY. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID THE POTENTIALLY SHALLOW LINES. CONTACT ATMOS PRIOR TO CONSTRUCTION IN VICINITY OF EXISTING GAS LINE.

35. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PROJECT DETAILS AND TECHNICAL SPECIFICATIONS UNLESS NOTED OTHERWISE.

36. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING STREETS AND DRIVEWAYS ADJACENT TO THE PROJECT FREE OF MUD AND DEBRIS FROM THE CONSTRUCTION AT ALL TIMES. NO SEPARATE PAY.

37. ALL DISTURBED AREAS SHALL BE SOLID SODDED UNLESS OTHERWISE NOTED. AREAS THAT ARE HYDOMULCHED AND/OR SODDED SHALL BE CHECKED PERIODICALLY TO SEE THAT GRASS COVERAGE IS PROPERLY MAINTAINED. RESTORED AREAS SHALL BE WATERED, FERTILIZED, AND HYDOMULCHED AND/OR RESODDED, IF NECESSARY.

38. ALL IRRIGATION SYSTEMS SHALL BE RESTORED TO EQUAL OR BETTER CONDITION THAN WHICH IT WAS FOUND BEFORE SUCH WORK WAS UNDERTAKEN. ALL MODIFICATIONS SHALL BE COMPLETED BY LICENSED IRRIGATOR. NO SEPARATE PAY.

39. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY DAMAGES TO EXISTING IMPROVEMENTS, INCLUDING, BUT NOT LIMITED TO, FENCES, WALLS, PAVEMENT, IRRIGATION, LANDSCAPE, GRASS, AND TREES, AT NO ADDITIONAL COST TO THE OWNER. THIS WORK SHALL BE SUBSIDIARY TO THE CONTRACT AMOUNT. ALL ADJACENT PROPERTY DAMAGED BY THE PROPOSED CONSTRUCTION SHALL BE RESTORED TO EQUAL OR BETTER CONDITION THAN WHICH IT WAS FOUND BEFORE SUCH WORK WAS UNDERTAKEN, NO SEPARATE PAY.

40. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A NEAT AND ACCURATE RECORD OF CONSTRUCTION FOR THE OWNER'S RECORDS. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL PROVIDE THE OWNER FULL SIZE MARKUPS THAT RECORD ALL CONSTRUCTION DEVIATING FROM THE PLANS AND ALL EXISTING PRIVATE UTILITIES ENCOUNTERED, BOTH HORIZONTALLY AND VERTICALLY.

41. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER, OR AS APPROVED BY THE OWNER. NO SEPARATE PAY.

42. WHERE APPLICABLE, THE CONTRACTOR SHALL PROTECT EXISTING PAVEMENT BY PLACING RUBBER MATS OR EARTH ON THE PAVEMENT TO PROTECT IT FROM TRACK MARKS AND/OR CRACKING DURING CONSTRUCTION (NON-PAY ITEM).

43. THE CONTRACTOR SHALL VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS IN ADVANCE OF THE INSTALLATION OF ANY CONDUIT IN ORDER TO ALLOW FOR ADEQUATE TIME FOR REQUIRED RELOCATIONS FOR ADJUSTMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DELAYS RESULTING FROM HIS FAILURE TO IDENTIFY CONFLICTS.

44. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SITE TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH OWNER'S STANDARDS, TEXAS STATE LAW, AND O.S.H.A. STANDARDS FOR ALL EXCAVATION.

45. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE UTILITIES, PAVEMENT TO REMAIN, CURBS, SIDEWALKS, SIGNS, TREES, ETC., IN THE CONSTRUCTION OF THIS PROJECT. ALL MANHOLES, CLEAN-OUTS, VALVE BOXES, FIRE HYDRANTS, ETC. ALL APPURTENANCES WILL BE ASSUMED TO BE IN GOOD CONDITION UNLESS OTHERWISE CONFIRMED IN WRITING PRIOR TO COMMENCEMENT OF WORK.

46. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE AND POSITIVE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF PROPOSED FACILITIES AS APPLICABLE.

47. CONTRACTOR IS TO MAINTAIN A CLEAN PROJECT AREA, FREE FROM WORKMAN TRASH AND REFUSE, AT ALL TIMES.

48. EXCAVATION / TRENCHING AND BACKFILLING OPERATIONS SHALL BE COORDINATED SUCH THAT NO MORE THAN 200 LINEAR FEET OF TRENCH IS OPEN AT ANY ONE TIME. ALL OPEN EXCAVATIONS SHALL BE PROPERLY LIGHTED AND BARRICADED DURING HOURS CONTRACTOR IS NOT ON SITE.

49. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL MANHOLES AT ALL TIMES DURING CONSTRUCTION. NO STORAGE LOCATIONS SHALL OBSTRUCT ACCESS.

50. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG NATURAL DRAINAGE WAYS, WITHOUT WRITTEN PERMISSION FROM THE LOCAL JURISDICTION. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN AREAS WITHOUT WRITTEN PERMISSION, HE SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND HE SHALL REMOVE THE MATERIAL AT HIS OWN COST IF THE OWNER SO DIRECTS.

51. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL EXCESS EXCAVATION. THE CONTRACTOR SHALL SUBMIT A "STOCKPILE PLAN" THAT SHOULD DESIGNATE LOCATIONS FOR TEMPORARY STORAGE OF THE EXCAVATED SOIL. THIS STOCKPILE PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL NOT BE ALLOWED TO STRING PIPE, FITTINGS, OR APPURTENANCES ALONG THE PROJECT.

52. THE CONTRACTOR SHALL NOT BE ALLOWED TO STAGE OR STOCKPILE ANY SPOILS, EXCAVATED MATERIAL, OR FILL MATERIAL WITHIN PROJECT LIMITS WITHOUT PRIOR APPROVAL OF THE OWNER. CONTRACTOR SHALL BE REQUIRED TO TRANSPORT (IN/OUT) SPOILS AND FILL MATERIAL AS NECESSARY. CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH THE OWNER IF HE INTENDS TO STOCKPILE OR DELIVER SPOILS AT OR TO ANY LOCATION WITHIN THE PROPERTY.

53. THE CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS. REVEGETATION SHALL BE PERFORMED IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS UNLESS OTHERWISE DIRECTED. REVEGETATION SHALL BE ACCEPTABLE WHEN VEGETATION GROWTH ACHIEVES ONE INCH IN HEIGHT, WITH 85% COVERAGE, AND LESS THAN 10 SQUARE FEET BARE. LANDSCAPING SHALL BE REPLACED EQUAL OR BETTER THAN EXISTING CONDITIONS. REVEGETATION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR THE VARIOUS ITEMS LISTED IN THE PROPOSAL.

54. AT PROJECT COMPLETION, THE CONTRACTOR SHALL CLEAN UP AND RESTORE THE AREA OF OPERATIONS TO A CONDITION AS GOOD OR BETTER THAN THAT WHICH EXISTED PRIOR TO INSTALLATION OF THE UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING THE FINISHED GRADE ELEVATIONS TO THE SAME ELEVATIONS THAT EXISTED PRIOR TO INSTALLATION OR TO THOSE SHOWN ON THE PLANS. A FINAL INSPECTION AND APPROVAL BY THE OWNER'S ON-SITE REPRESENTATIVE SHALL BE SECURED BEFORE THE CONTRACTOR MAY DEMOBILIZE THE JOB SITE. FOR CONCRETE PAVEMENT REPAIR, THE CONTRACTOR SHALL NEATLY SAWCUT SURFACES AT THE NEAREST JOINT PRIOR TO EXCAVATION. CONTRACTOR SHALL REMOVE AND REPAIR FILL PANELS. ANY ADDITIONAL DAMAGE TO PAVEMENT AND/OR CURB AND GUTTER SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.



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DISCOVERY PARK

AURORA COLORADO

WINDLER

GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

Stamp:

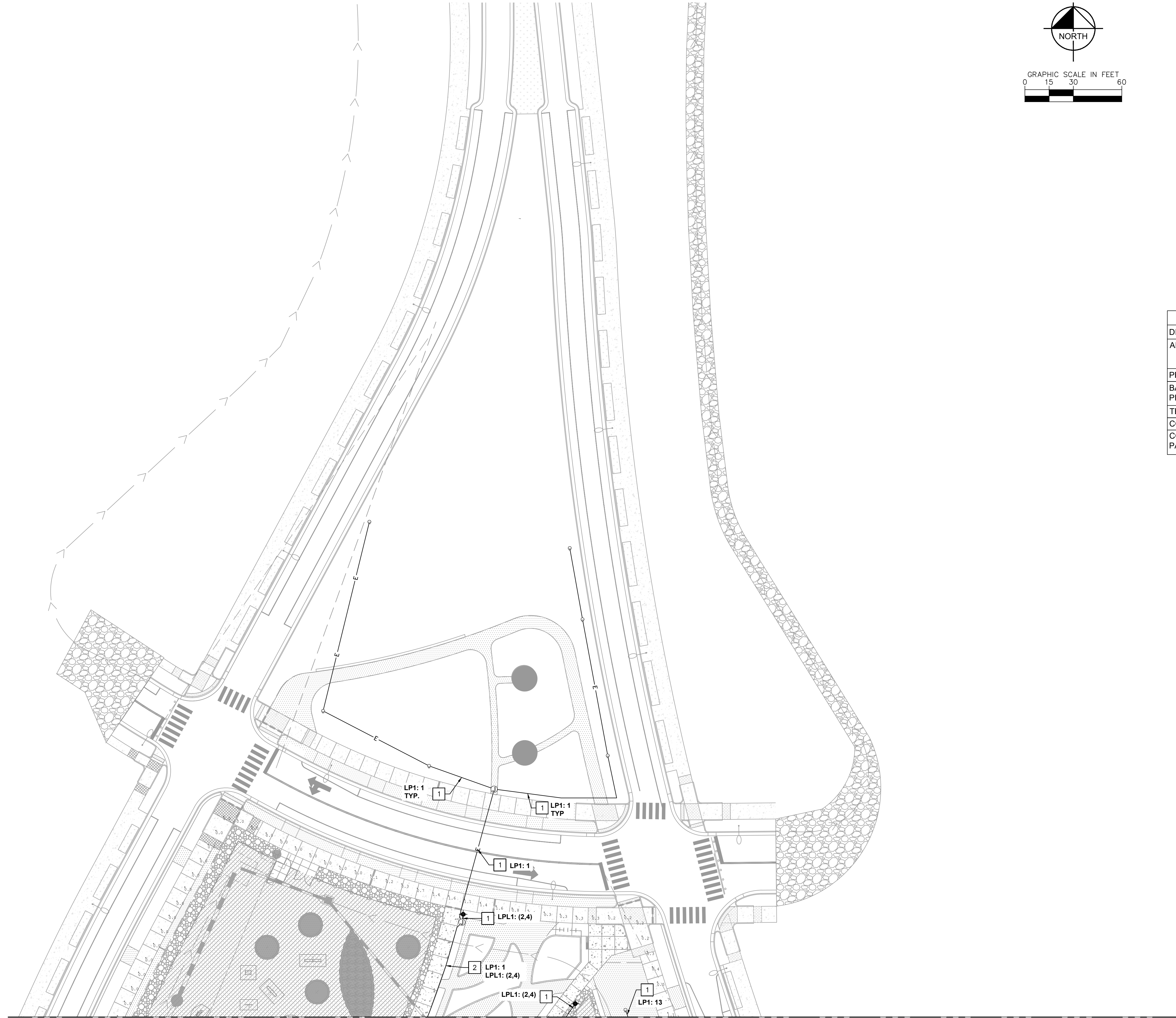
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5TH SP	06/28/2024

Revisions:	

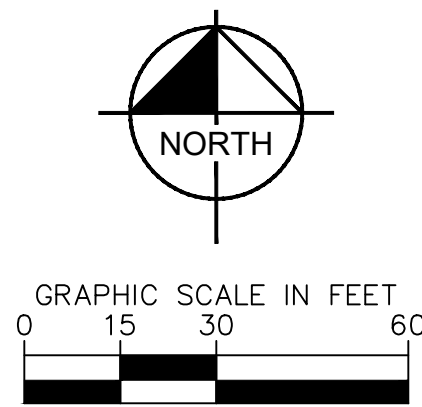
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MATCH LINE SHEET E-102



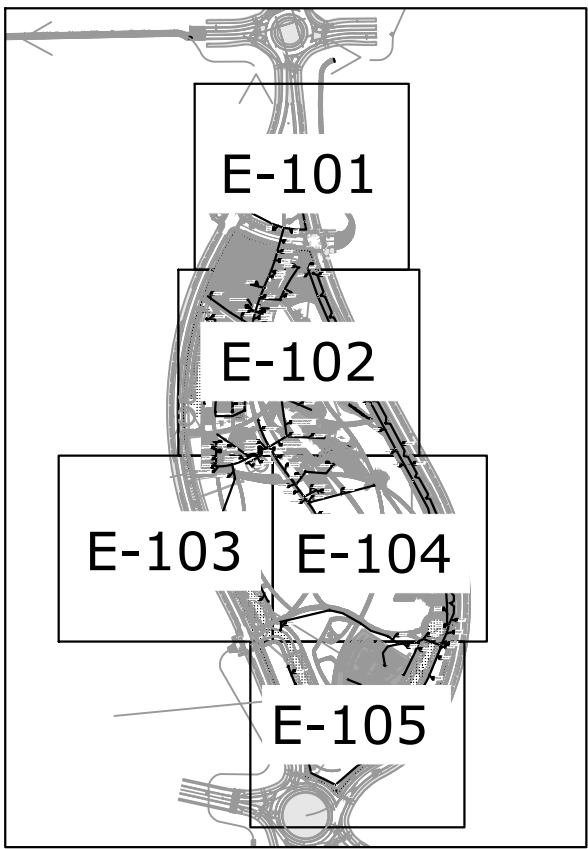
LEGEND

- METER/DISCONNECT
- PANELBOARD 'LP#'
- ELECTRICAL CONDUIT
- JUNCTION BOX
- GROUND MOUNTED 5-20R GFCI RECEPTACLE WITH IN-USE WEATHERPROOF COVER
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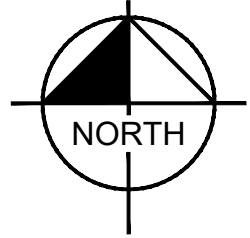
CONSTRUCTION NOTES:

- (1) 1" CONDUIT
- (2) 1" CONDUIT

LIGHTING SUMMARY TABLE			
DISCOVERY PARK			
AREA	AVG. ILLUMINANCE (FC)	UNIFORMITY (AVE/MIN)	MIN. ILLUMINANCE (FC)
PERIMETER SIDEWALK	0.46	N/A	0.00
BASKETBALL AND PICKLEBALL COURTS	32.82	1.93	17.0
TENNIS COURT	1.36	6.80	0.20
COURTS PARKING LOT	1.84	9.20	0.20
COMMUNITY CENTER PARKING LOTS	1.60	N/A	0.00



KEY MAP  
N.T.S.



NOT FOR CONSTRUCTION

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DISCOVERY PARK

AURORA, COLORADO

WINDLER

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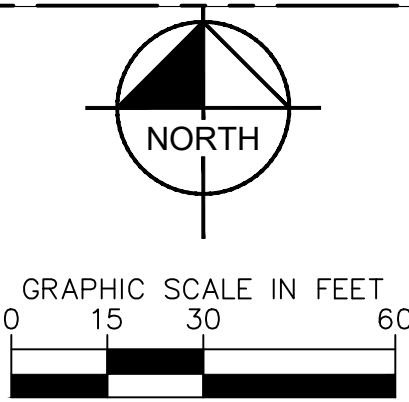
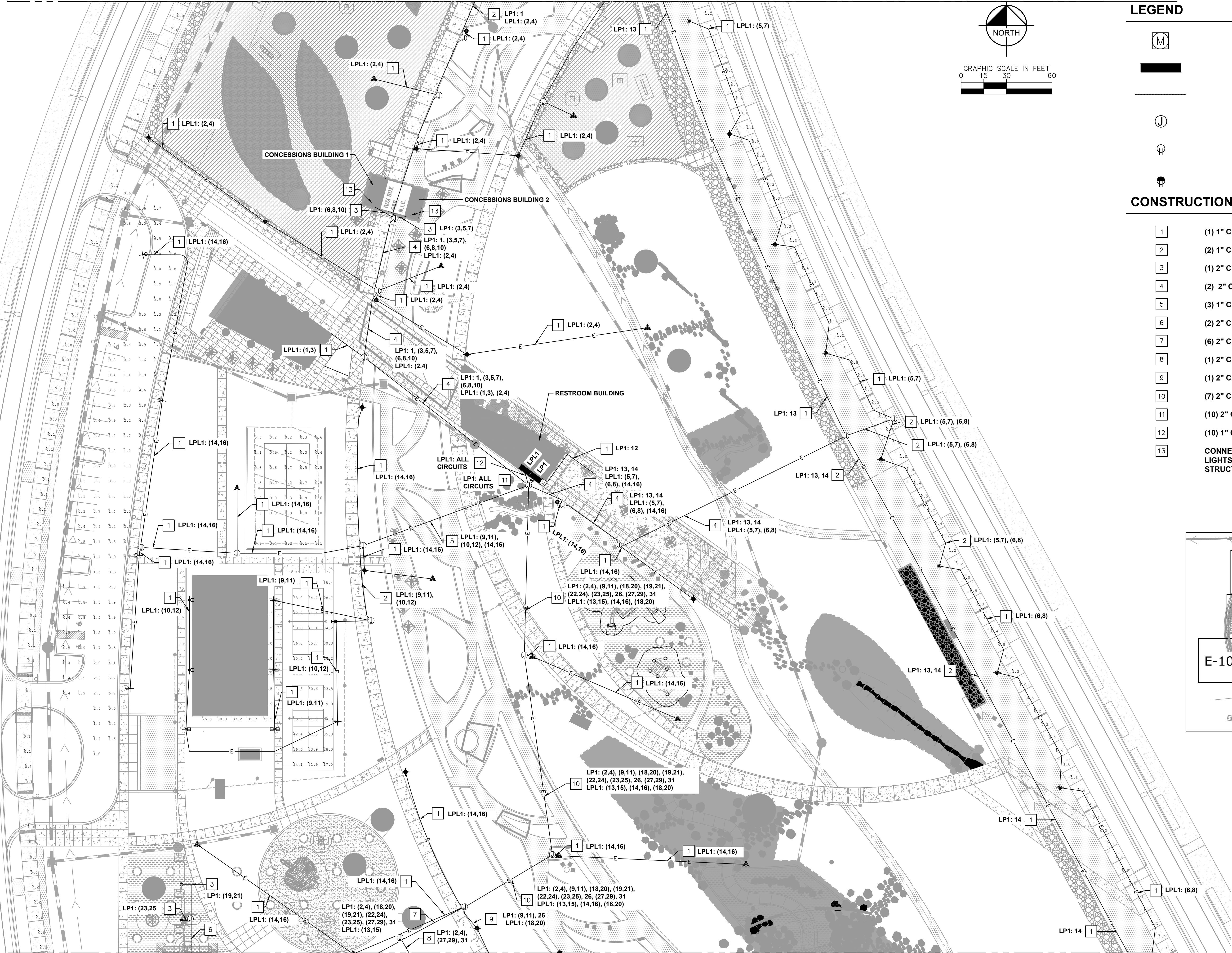
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E-101  
ELECTRICAL  
PLAN  
57



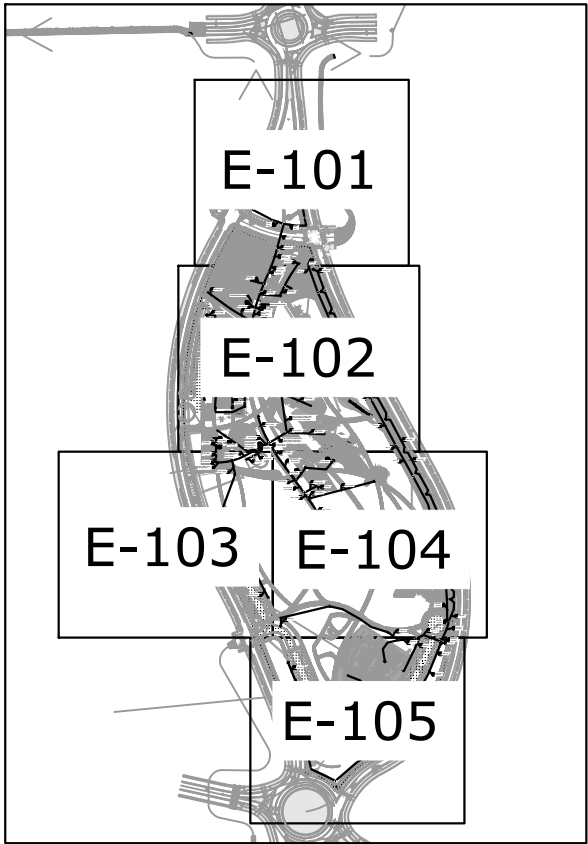


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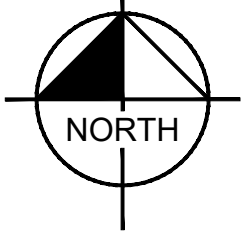
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- GROUND MOUNTED L14-30R 30A PLUG WITH IN-USE WEATHERPROOF COVER

**CONSTRUCTION NOTES:**

- 1 (1) 1" CONDUIT
- 2 (2) 1" CONDUITS
- 3 (1) 2" CONDUIT
- 4 (2) 2" CONDUITS, (2) 1" CONDUITS
- 5 (3) 1" CONDUITS
- 6 (2) 2" CONDUITS
- 7 (6) 2" CONDUITS, (2) 1" CONDUITS
- 8 (1) 2" CONDUITS, (1) 1" CONDUITS
- 9 (1) 2" CONDUITS, (2) 1" CONDUITS
- 10 (7) 2" CONDUIT, (4) 1" CONDUITS
- 11 (10) 2" CONDUITS
- 12 (10) 1" CONDUITS
- 13 CONNECT TO STRUCTURE SUBPANEL. STRING LIGHTS TO BE POWERED FROM THE ADJACENT STRUCTURE.



KEY MAP  
N.T.S.



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**DISCOVERY PARK**

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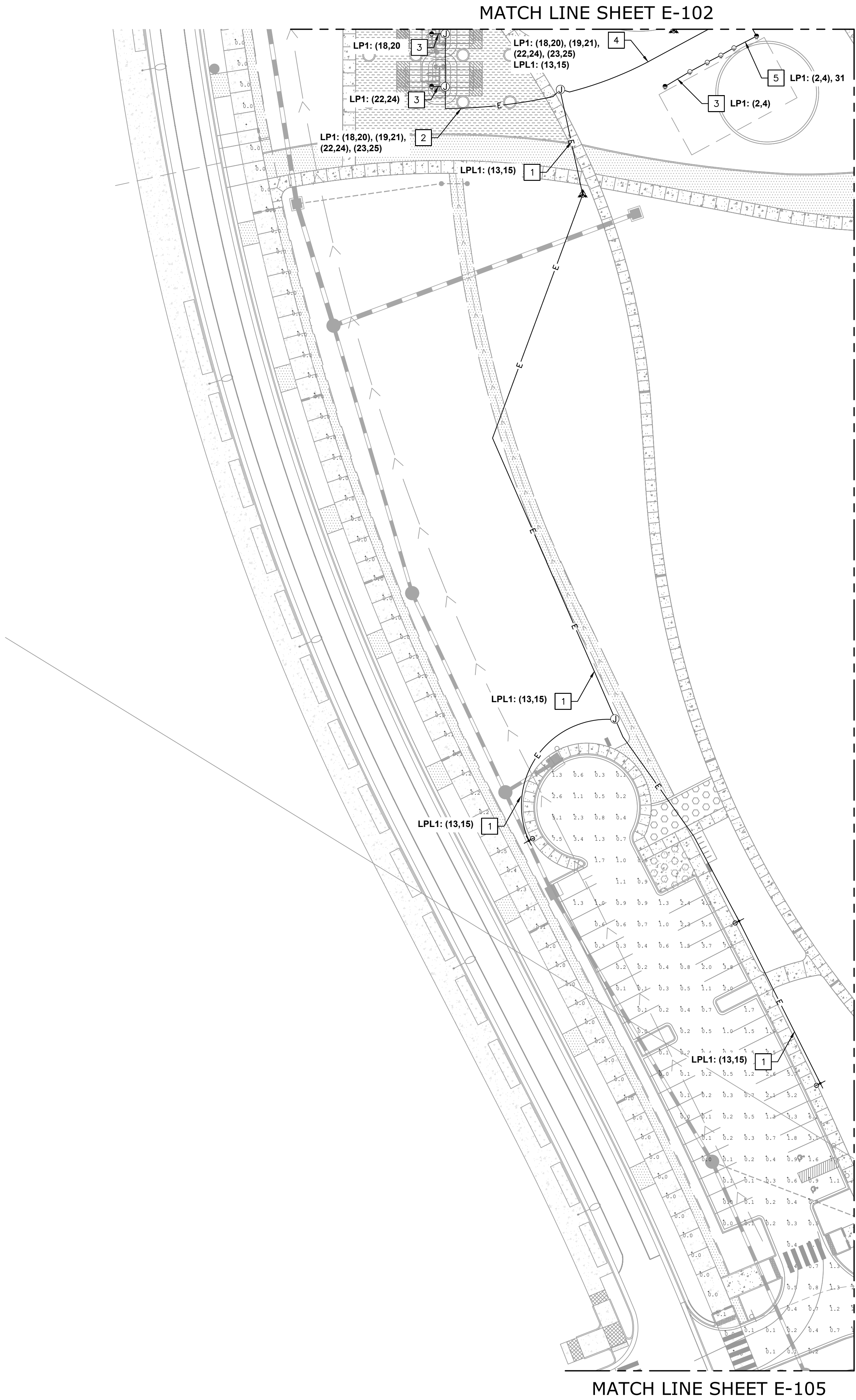
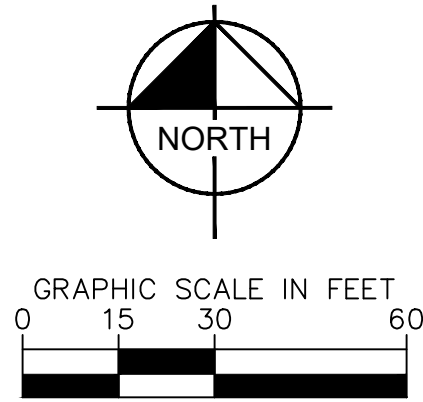
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






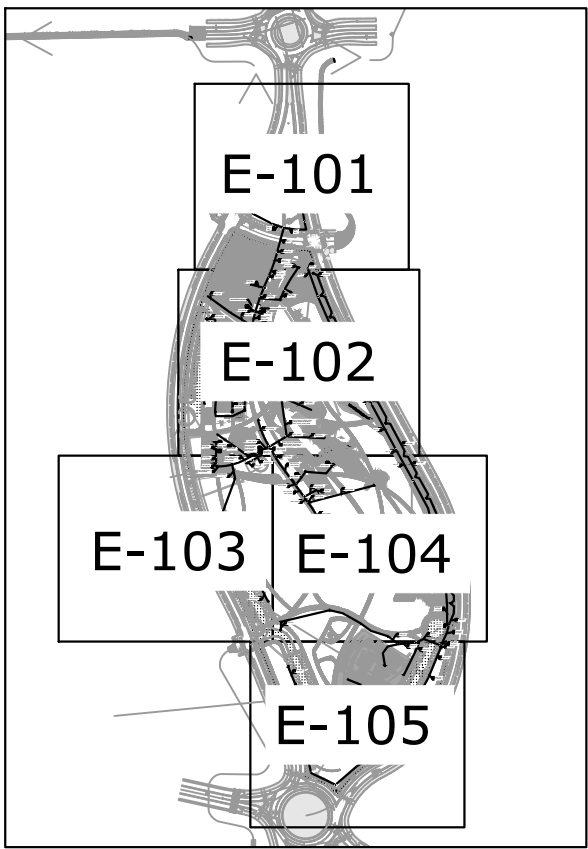


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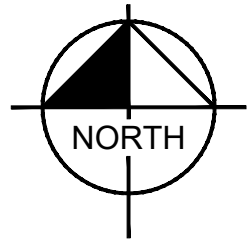
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CONSTRUCTION NOTES:

-  (1) 1" CONDUIT
-  (4) 2" CONDUITS
-  (1) 2" CONDUIT
-  (4) 2" CONDUITS, (1) 1" CONDUITS
-  (1) 2" CONDUIT, (1) 1" CONDUIT



KEY MAP  
N.T.S.



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Checked: DJC

E-103  
ELECTRICAL  
PLAN  
59





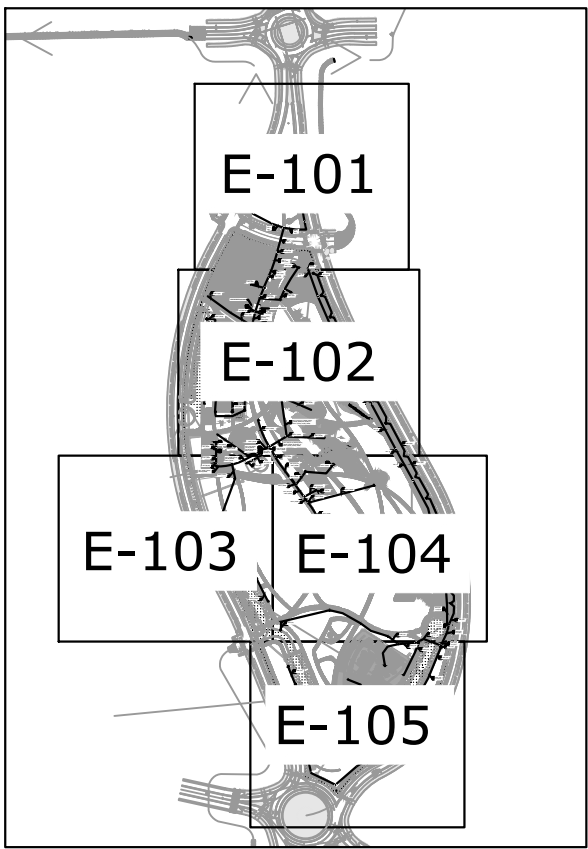
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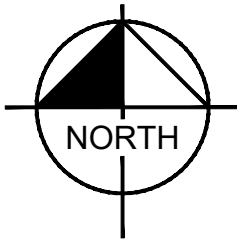
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CONSTRUCTION NOTES:

- 1 (1) 1" CONDUIT
- 2 (1) 2" CONDUIT, (1) 1" CONDUIT
- 3 (1) 2" CONDUIT, (2) 1" CONDUITS
- 4 (1) 2" CONDUIT
- 5 (1) 2" CONDUIT, (3) 1" CONDUITS



KEY MAP  
N.T.S.



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

E-104  
ELECTRICAL  
PLAN  
60

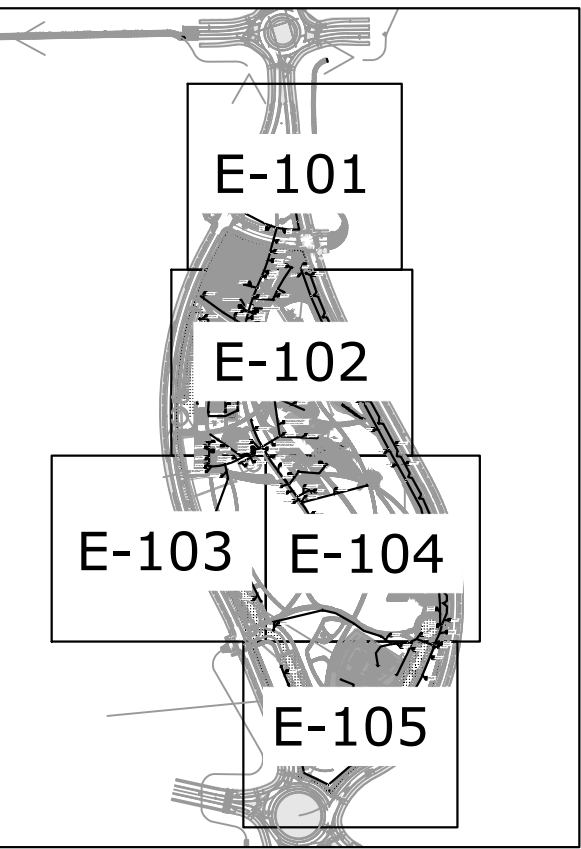
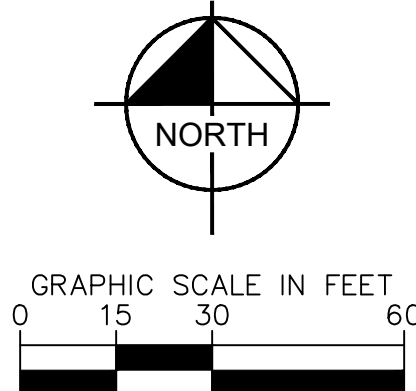


LEGEND

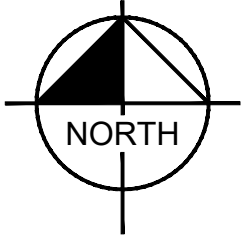
-  METER/DISCONNECT
-  PANELBOARD 'LP#'
-  ELECTRICAL CONDUIT
-  JUNCTION BOX
-  GROUND MOUNTED 5-20R GFCI RECEPTACLE WITH IN-USE WEATHERPROOF COVER
-  GROUND MOUNTED L14-30R 30A PLUG WITH IN-USE WEATHERPROOF COVER

CONSTRUCTION NOTES:

-  (1) 1" CONDUIT
-  (1) 2" CONDUIT, (3) 1" CONDUITS



KEY MAP  
N.T.S.



CIVITAS

1200 Bannock St.  
Denver, CO 80204  
Tel. 303 571.0053  
Fax 303 425.0438

Kimley»Horn

6200 S SYRACUSE WAY  
SUITE 300  
GREENWOOD VILLAGE CO. 80111  
PHONE: 303-228-2300  
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DISCOVERY PARK  
AURORA, COLORADO  
WINDLER

GVP Windler, LLC  
5750 DTC Parkway,  
Suite 210  
Greenwood Village 80111

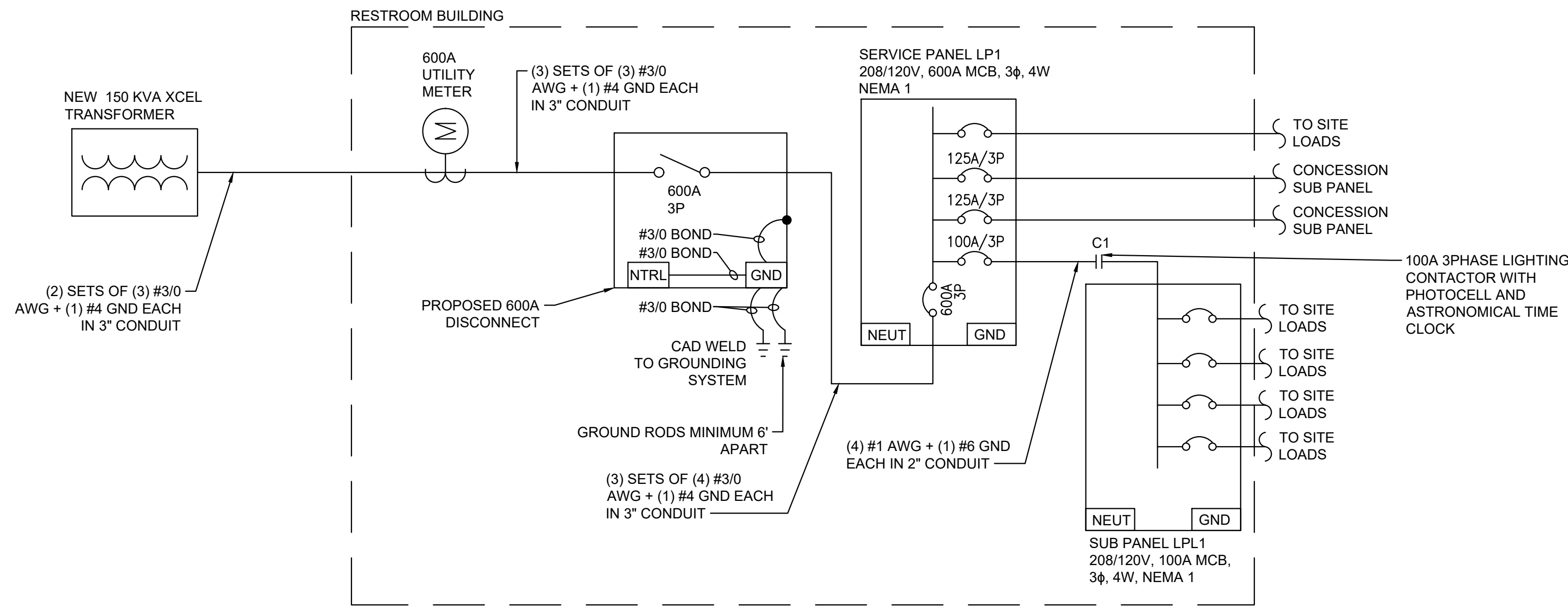
Stamp:

Issue Record:	
1ST SP	10/19/2022
2ND SP	01/10/2024
3RD SP	03/20/2024
4TH SP	05/15/2024
5TH SP	06/28/2024

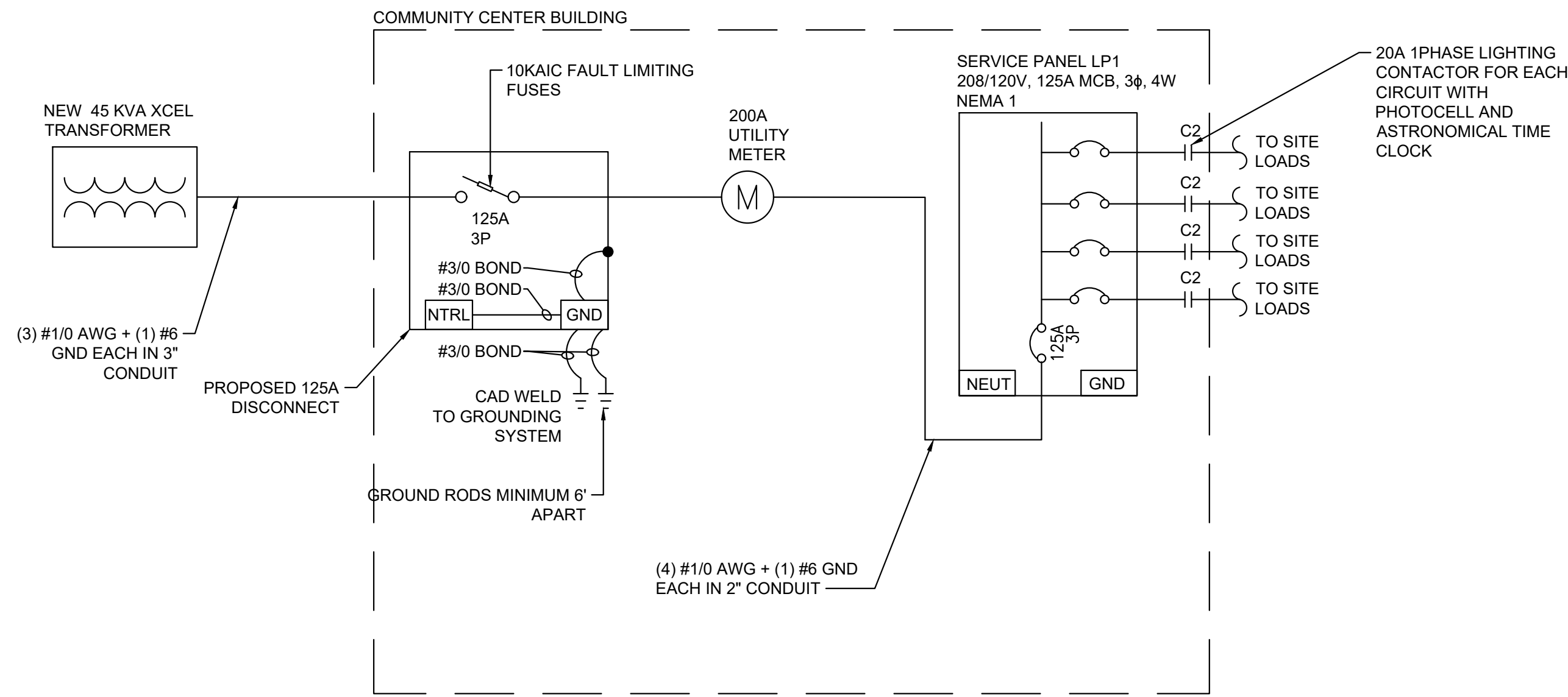
Revisions:	

KH Proj. #  
Drawn: WRP  
Checked: DJC

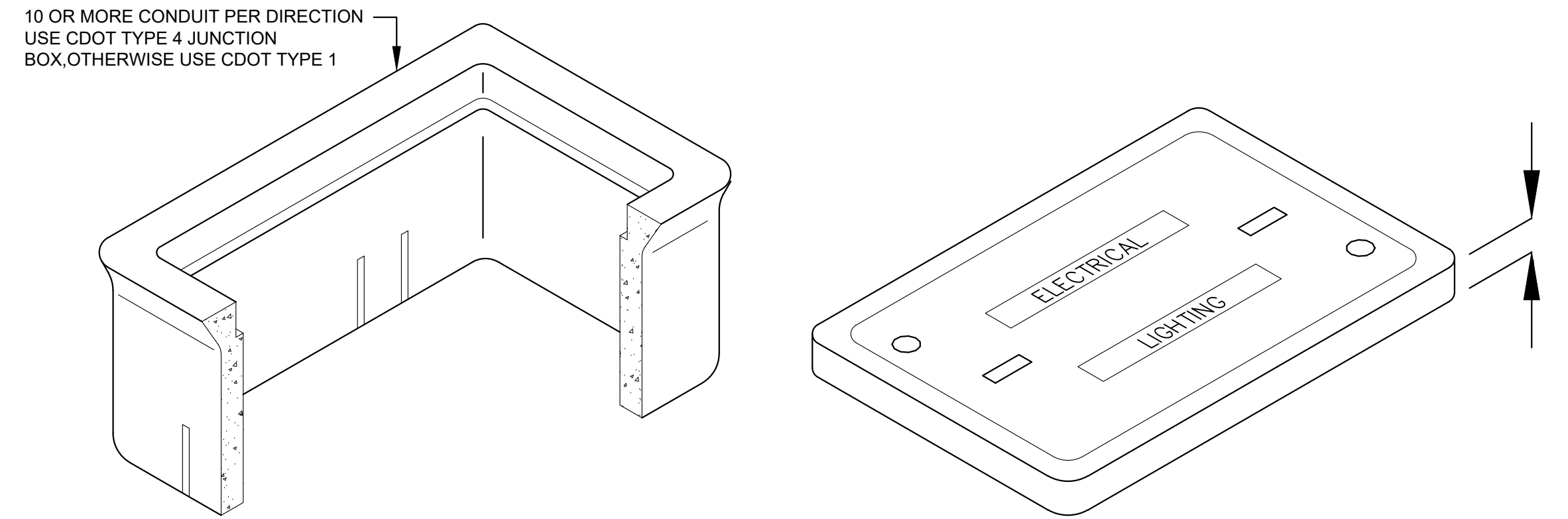




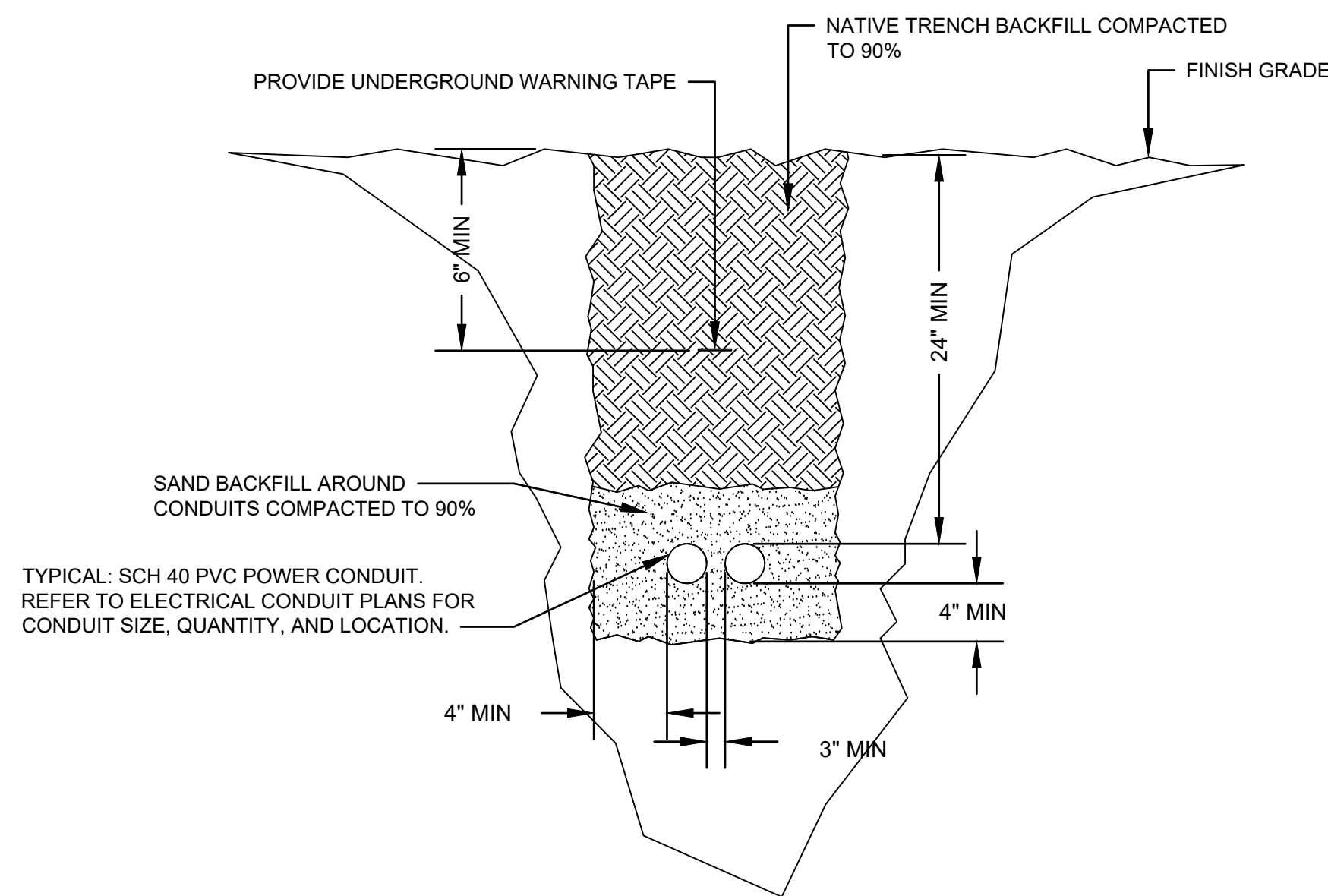
1 RESTROOM SINGLE LINE DIAGRAM  
SCALE: NTS



3 COMMUNITY CENTER SINGLE LINE DIAGRAM  
SCALE: NTS



2 JUNCTION BOX DETAIL  
SCALE: NTS



4 TRENCH DETAIL  
SCALE: NTS

NOT FOR CONSTRUCTION

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5TH SP 06/28/2024

Revisions:

KH Proj. #:

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E-106  
ELECTRICAL  
DETAILS

62

SHEET 62 OF 64



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Stamp:

## Revisions

Checked:

E-107  
ELECTRICAL  
DETAILS  
63

# 1 PANEL SCHEDULES

SCALE: NTS

PANEL NAME: LP1										VOLTS: 120/208V		A/C RATING:		10K	
LOCATION: RESTROOM					PHASES: 3					MAINS TYPE:		MCB			
SUPPLY FROM: XFMR					WIRES: 4					MAINS RATING:		600 A			
ENCLOSURE: NEMA 1										MCB RATING:		600 A			
CKT	CIRCUIT DESCRIPTION	LOAD TYPE	TRIP	POLES	WIRE	A (VA)	B (VA)	C (VA)	WIRE	POLES	TRIP	LOAD TYPE	CIRCUIT DESCRIPTION	CKT	
1	N HOLIDAY RECEPTACLES	R	20	1	(2) #6, #6 GND	1,080	2,500						STAGE PLUG	2	
3	CONCESSIONS SUB PANEL	E	125	3	(3) #1/0, #6 GND		12,000	2,500		(2) #2, #6 GND	2	30	R	4	
5		E	125	3				12,000	12,000		3	125	E	6	
7		E	125	3							(3) #1/0, #6 GND	3	125	E	8
9	STAGE PLUG	R	20	2	(2) #1, #6 GND		2,500	12,000			3	125	E	10	
11		R	20	2					2,500	1,500					
13	E ROAD N RECEPTACLES	R	20	1	(2) #6, #6 GND	1,080	900						POP JETS CONTROLLER	12	
15	SPARE	R	30	2				360			(2) #6, #6 GND	1	20	R	
17		R	30	2					2,500		(2) #8, #8 GND	1	20	R	
19	FOOD TRUCK PLUG	R	30	2	(2) #1/0, #6 GND	2,500	2,500				(2) #1/0, #6 GND	2	30	R	
21		R	30	2				2,500	2,500			2	30	R	
23	FOOD TRUCK PLUG	R	30	2	(2) #1/0, #6 GND				2,500	2,500	(2) #1/0, #6 GND	2	30	R	
25		R	30	2		2,500	360				(2) #8, #8 GND	2	20	L	
27	STAGE PLUG	R	30	2	(2) #2, #6 GND		2,500					1	20		
29	SPARE	R	30	2					2,500			1	20		
31	SPARE	R	20	1											
33	SPARE		20	1											
35	SPARE		20	1											
37	LPL1 SUBPANEL	E	100	3	(3) #1, #8 GND	3,460									
39		E	100	3				4,552							
41		E	100	3					3,044						
TOTAL LOAD:						40,880 VA	41,412 VA	41,044 VA							
TOTAL AMPS:						340.7 A	345.1 A	342 A							
LOAD CLASSIFICATION					CONNECTED LOAD (VA)	DEMAND FACTOR		EST. DEMAND (VA)	PANEL TOTALS						
LARGEST MOTOR LOAD (M)					0	125.00%		0	TOTAL EST. LOAD (VA):					123336	
HVAC (H) & ALL OTHER MOTORS (M)					0	100.00%		0	TOTAL EST. DEMAND (VA):					1052.16	
RECEPTACLE (R)					38420	100.00%		24210	TOTAL CONN. (A):					342.3	
LIGHTING (L)					360	125.00%		450							
EQUIPMENT (E)					84556	100.00%		84556							

PANEL NAME: LP2																	
LOCATION: COMMUNITY CENTER					VOLTS: 120/208V					A/C RATING: 10K							
SUPPLY FROM: XFMR					PHASES: 3					MAINS TYPE: MCB							
MOUNTING: SURFACE					WIRES: 4					MAINS RATING: 125 A							
ENCLOSURE: NEMA 1										MCB RATING: 125 A							
CKT	CIRCUIT DESCRIPTION	LOAD TYPE	TRIP	POLES	WIRE	A (VA)		B (VA)		C (VA)		WIRE	POLES	TRIP	LOAD TYPE	CIRCUIT DESCRIPTION	CKT
1	LIGHTING	L	20	2	(2) 8, #8 GND	935	900					(2) #8, #8 GND	1	20	R	HOLIDAY LIGHTING RECEPTACLES	2
3		L	20	2				935				(2) #8, #8 GND	1	20	R	STAGE RECEPTACLES	4
5		R	30	2						2,500			1	20		SPARE	6
7	STAGE PLUG	R	30	2	(2) #1, #6 GND	2,500							1	20		SPARE	8
9	SPARE		20	1									1	20		SPARE	10
11	SPARE		20	1									1	20		SPARE	12
13	SPACE															SPACE	14
15	SPACE															SPACE	16
17	SPACE															SPACE	18
19	SPACE															SPACE	20
21	SPACE															SPACE	22
23	SPACE															SPACE	24
TOTAL LOAD:						4,335 VA		935 VA		2,500 VA							
TOTAL AMPS:						36.1 A		7.8 A		20.8 A							
LOAD CLASSIFICATION					CONNECTED LOAD: (VA)			DEMAND FACTOR		EST. DEMAND (VA)		PANEL TOTALS					
LARGEST MOTOR LOAD (M)					0			125.00%		0		TOTAL CONN. LOAD (VA): 7770					
HVAC (H) & ALL OTHER MOTORS (M)					0			100.00%		0		TOTAL EST. DEMAND (VA): 8237.5					
RECEPTACLE (R)					5900			100.00%		5900		TOTAL CONN. (A): 216					
LIGHTING (L)					1870			125.00%		2337.5							
EQUIPMENT (E)					0			100.00%		0							

LOCATION: RESTROOM					VOLTS: 120/208V					A/C RATING:					10K				
SUPPLY FROM: LP1 VIA CONTACTOR					PHASES: 3					MAINS TYPE:					MLO				
MOUNTING: SURFACE					WIRES: 4					MAINS RATING:					100 A				
ENCLOSURE: NEMA 1																			

PANEL NAME: LPL1																	
CKT	CIRCUIT DESCRIPTION	LOAD TYPE	TRIP	POLES	WIRE	A (VA)		B (VA)		C (VA)		WIRE	POLES	TRIP	LOAD TYPE	CIRCUIT DESCRIPTION	CKT
1	EVENT PAVILION LIGHTING		20	2	(2) #8, #8 GND	250	800					(2) #8, #8 GND	2	20	L	N END LIGHTING	2
3			20	2				250	800				2	20	L		4
5			20	2						112	96	(2) #8, #8 GND	2	20		E SIDE, S BOUND LIGHTING	6
7	E SIDE, N BOUND LIGHTING		20	2	(2) #8, #8 GND	112	96					(2) #8, #8 GND	2	20			8
9			20	2				1,128	940				2	20		COURT LIGHTING	10
11	COURT LIGHTING		20	2	(2) #8, #8 GND					1,128	940	(2) #8, #8 GND	2	20			12
13			20	2		404	1,146						2	20		CENTER AREA LIGHTING	14
15	S LIGHTING		20	2	(2) #8, #8 GND			404	1,146			(2) #8, #8 GND	2	20			16
17										624			2	20			18
19							624					(2) #8, #8 GND	2	20		S LIGHTING	20
21													2	20			22
23																	24
TOTAL LOAD:						3,432 VA	4,668 VA	2,900 VA									
TOTAL AMPS:						28.6 A	38.9 A	24.2 A									
LOAD CLASSIFICATION						CONNECTED LOAD: (VA)	DEMAND FACTOR	EST. DEMAND (VA)	PANEL TOTALS								
LARGEST MOTOR LOAD (M)						0	125.00%	0	TOTAL CONNN. LOAD (VA):						11000		
HVAC (H) & ALL OTHER MOTORS (M)						0	100.00%	0	TOTAL EST. DEMAND (VA):						2000		
RECEPTACLE (R)						0	100.00%	0	TOTAL CONNN. (A):						30.5		
LIGHTING (L)						1600	125.00%	2000									
EQUIPMENT (E)						0	100.00%	0									
OTHER (O) (SEE NOTES)						0	0.00%	0									

NOTES:

SYMBOL	QUANTITY	DESCRIPTION	MANUFACTURER	CATALOG NO.	LAMPS	LOAD	VOLTAGE	MOUNTING
	17	COLUMN LED, TYPE III DISTRIBUTION, BLACK FINISH	STERNBERG LIGHTING	SSP20394-PT15-RT403-26L45T3-MDL03-SV2/BKT	3000K LED'S	32 W	120-277V	15' COLUMN LIGHT WITH FLUSH GRADE CONCRETE BASE
	32	POST TOP LED, TYPE V DISTRIBUTION, BLACK FINISH	COOPER	ARB-B3-LED-D1-T5-BK-7030	3000K LED'S	96 W	120-277V	14'-6" R.T.S FLUSH WITH GRADE CONCRETE BASE
	18	4-CLUSTER COLUMN LED, VARYING HEIGHTS, BLACK FINISH	LIGMAN LIGHTING	UOD-21023-4X40W COB-M-W30-01-A80131	3000K LED'S	160 W	120-277V	14'-18" STAGGERED LIGHTS WITH FLUSH GRADE CONCRETE BASE
	15	SINGLE AREA LED, TYPE III DISTRIBUTION, BLACK FINISH	WE-EF	RFL540-SE-LED-111-0485-RAL9004	3000K LED'S	109 W	120-277V	20'-0" R.T.S POLE ON FLUSH WITH GRADE CONCRETE BASE
	5	SINGLE AREA LED, COURT DISTRIBUTION, BLACK FINISH	LSI	ZNL-50L-CT-UNV-30-BLK	3000K LED'S	376 W	120-277V	24'-0" R.T.S FLUSH WITH GRADE CONCRETE BASE
	3	DOUBLE AREA LED, COURT DISTRIBUTION, BLACK FINISH	LSI	ZNL-50L-CT-UNV-30-BLK	3000K LED'S	376W	120-277V	24'-0" R.T.S FLUSH WITH GRADE CONCRETE BASE



