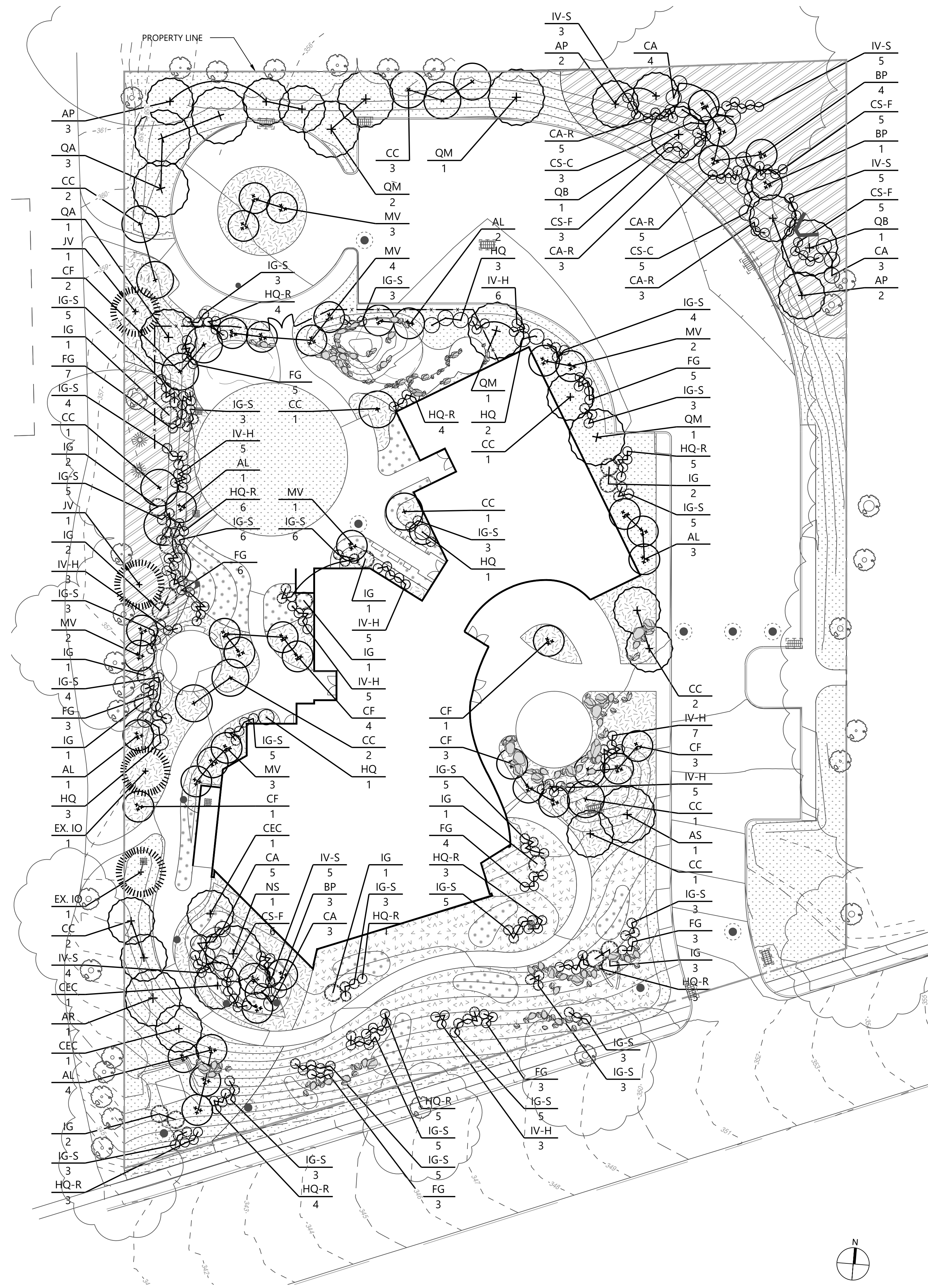


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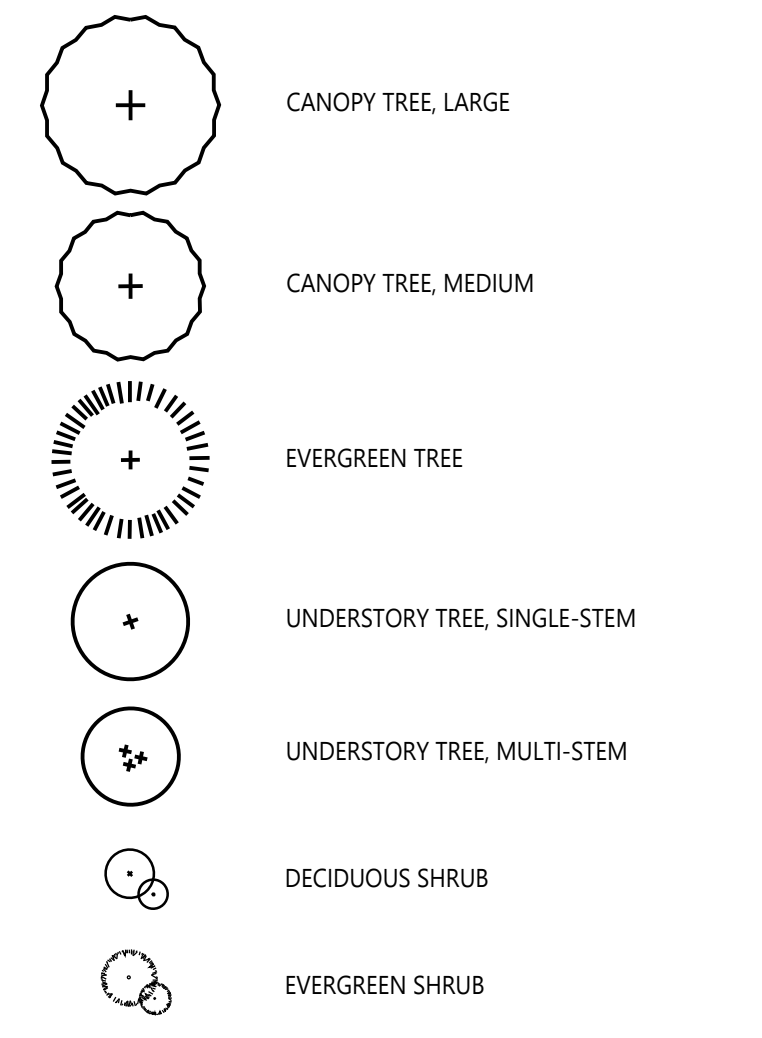
- EXISTING DECIDUOUS TREE TO REMAIN
- EXISTING EVERGREEN TREE TO REMAIN
- EXISTING EVERGREEN TREE TO RELOCATE
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING EVERGREEN TREE TO BE REMOVED
- EXISTING TREE CANOPY

TREE REPLACEMENT SCHEDULE	
EXISTING TREES	63
TREES TO BE REMOVED	29
TREES TO BE PLANTED	91

Date	Description	No.
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Project		
BEACON UNITARIAN UNIVERSALIST CONGREGATION <small>SUMMIT</small> <small>UNION COUNTY NEW JERSEY</small>		
Drawing Title		
TREE PRESERVATION PLAN		
Project No.	LP100 <small>Sheet of 1</small>	
Date		
Drawn By		
Checked By		
101007201	JULY 18, 2024	ES
		TD



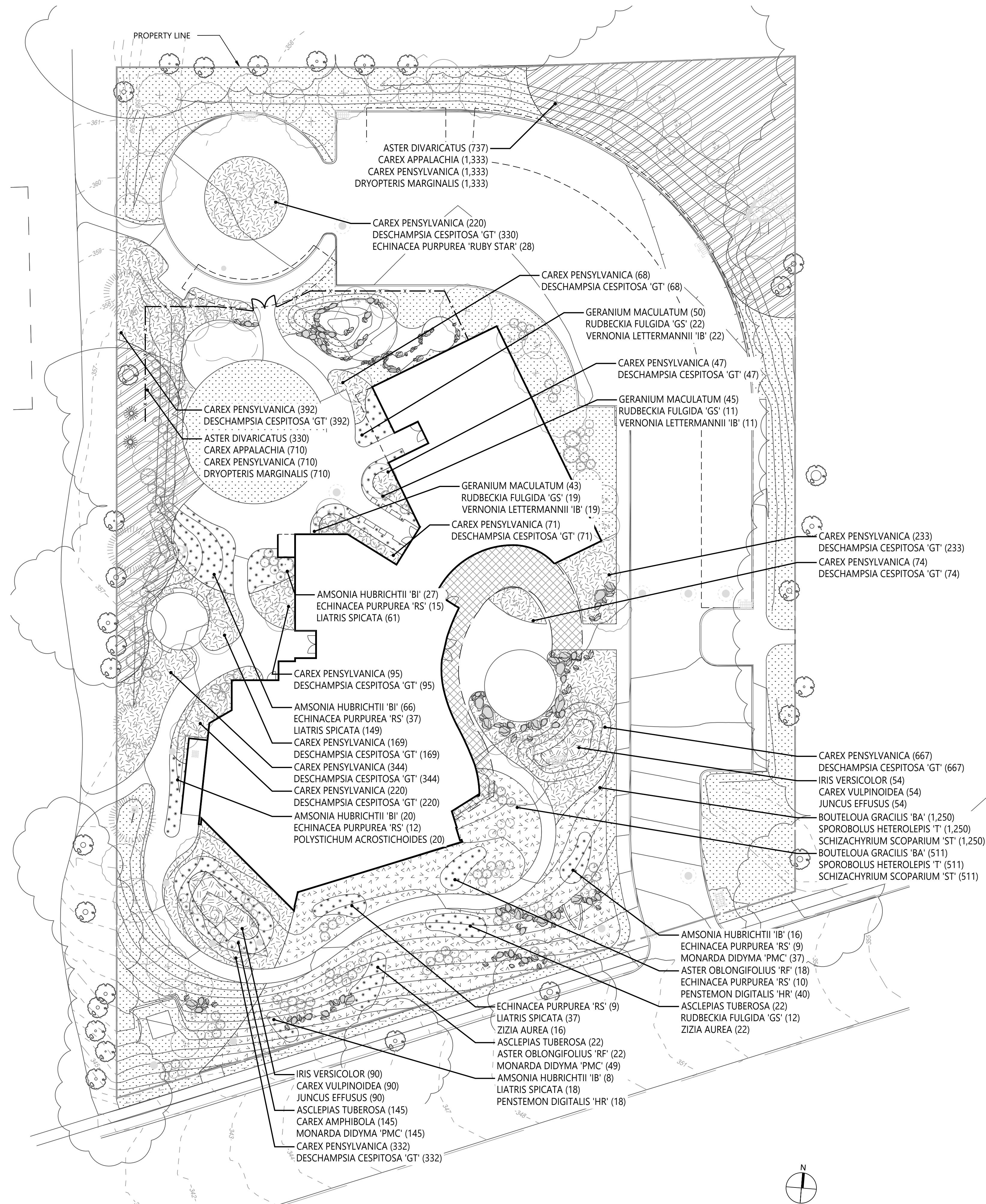
PLANTING LEGEND



PHASE 1: PLANT SCHEDULE

SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	TYPE	NOTES
SHADE TREE							
AP	7	<i>Acer pensylvanica</i>	Moosewood	2.5-3" Cal.	As shown	B&B	
AR	1	<i>Acer rubrum</i> 'October Glory'	October Glory Red Maple	2.5-3" Cal.	As shown	B&B	
AS	1	<i>Acer saccharum</i> 'Green Mountain'	Green Mountain Sugar Maple	2.5-3" Cal.	As shown	B&B	
CC	6	<i>Carpinus caroliniana</i>	American Hornbeam	2.5-3" Cal.	As shown	B&B	
NS	1	<i>Nyssa sylvatica</i> 'Wildfire'	Black Gum 'Wildfire'	2.5-3" Cal.	As shown	B&B	
QA	4	<i>Quercus alba</i>	White Oak	2.5-3" Cal.	As shown	B&B	
QB	2	<i>Quercus bicolor</i>	Swamp White Oak	2.5-3" Cal.	As shown	B&B	
QM	5	<i>Quercus muehlenbergii</i>	Chinkapin Oak	2.5-3" Cal.	As shown	B&B	
EX IO	2	<i>Ilex opaca</i>	American Holly	n/a	As shown	n/a	Existing Tree
UNDERSTORY TREE							
AL	11	<i>Amelanchier laevis</i>	Allegheny Serviceberry	6-8' H	As shown	B&B	Multi-stem
BP	8	<i>Betula papyrifera</i> 'Oenci'	Renaissance Oasis Paper Birch	6-8' H	As shown	B&B	Multi-stem
CEC	14	<i>Cercis canadensis</i>	Northern Redbud	6-8' H	As shown	B&B	
CF	14	<i>Comus florida</i> 'Cherokee Princess'	Flowering Dogwood	6-8' H	As shown	B&B	Multi-stem
JV	2	<i>Juniperus virginiana</i> 'Corcoror'	Emerald Sentinel Eastern Red Cedar	6-8' H	As shown	B&B	
MV	15	<i>Magnolia virginiana</i> 'Jim Wilson'	Moonglow Magnolia	6-8' H	As shown	B&B	Multi-stem
SHRUB							
CS-C	8	<i>Comus sericea</i> 'Cardinal'	Red-Twig Dogwood	#5 Container	As shown	CONT.	
CS-F	19	<i>Comus sericea</i> 'Farrow'	Dwarf Red-Twig Dogwood	#3 Container	As shown	CONT.	
CA	15	<i>Clethra alnifolia</i>	Sweet Pepperbush	#5 Container	As shown	CONT.	
CA-R	16	<i>Clethra alnifolia</i> 'Ruby Spice'	Dwarf Seet Pepperbush	#3 Container	As shown	CONT.	
FG	39	<i>Fothergilla gardenii</i>	Dwarf Fothergilla	#3 Container	As shown	CONT.	
HQ	10	<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	#5 Container	As shown	CONT.	
HQ-R	40	<i>Hydrangea quercifolia</i> 'Ruby Slippers'	Dwarf Oakleaf Hydrangea	#3 Container	As shown	CONT.	
IG	19	<i>Ilex glabra</i>	Inkberry	#5 Container	As shown	CONT.	
IG-S	105	<i>Ilex glabra</i> 'Shamrock'	Dwarf Inkberry Holly	#3 Container	As shown	CONT.	
IV-S	22	<i>Ilex verticillata</i> 'Shortcake'	Shortcake Winterberry	#3 Container	As shown	CONT.	
IV-H	39	<i>Itea virginica</i> 'Henry's Garnet'	Henry's Garnet Sweetspire	#3 Container	As shown	CONT.	

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Project BEACON UNITARIAN UNIVERSALIST CONGREGATION SUMMIT UNION COUNTY NEW JERSEY		
Drawing Title TREE & SHRUB PLANTING PLAN		
Project No.	101007201	LP101 Sheet of 1
Date	JULY 18, 2024	
Drawn By	LG	
Checked By	TD	



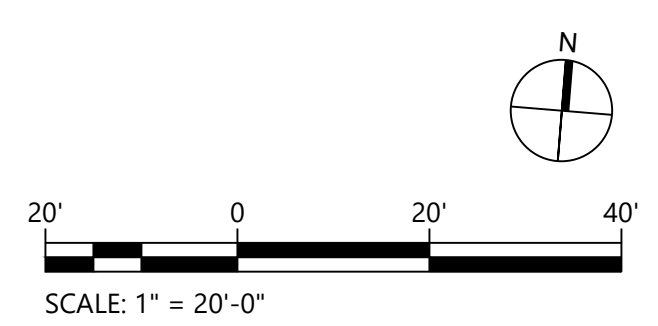
PLANTING LEGEND

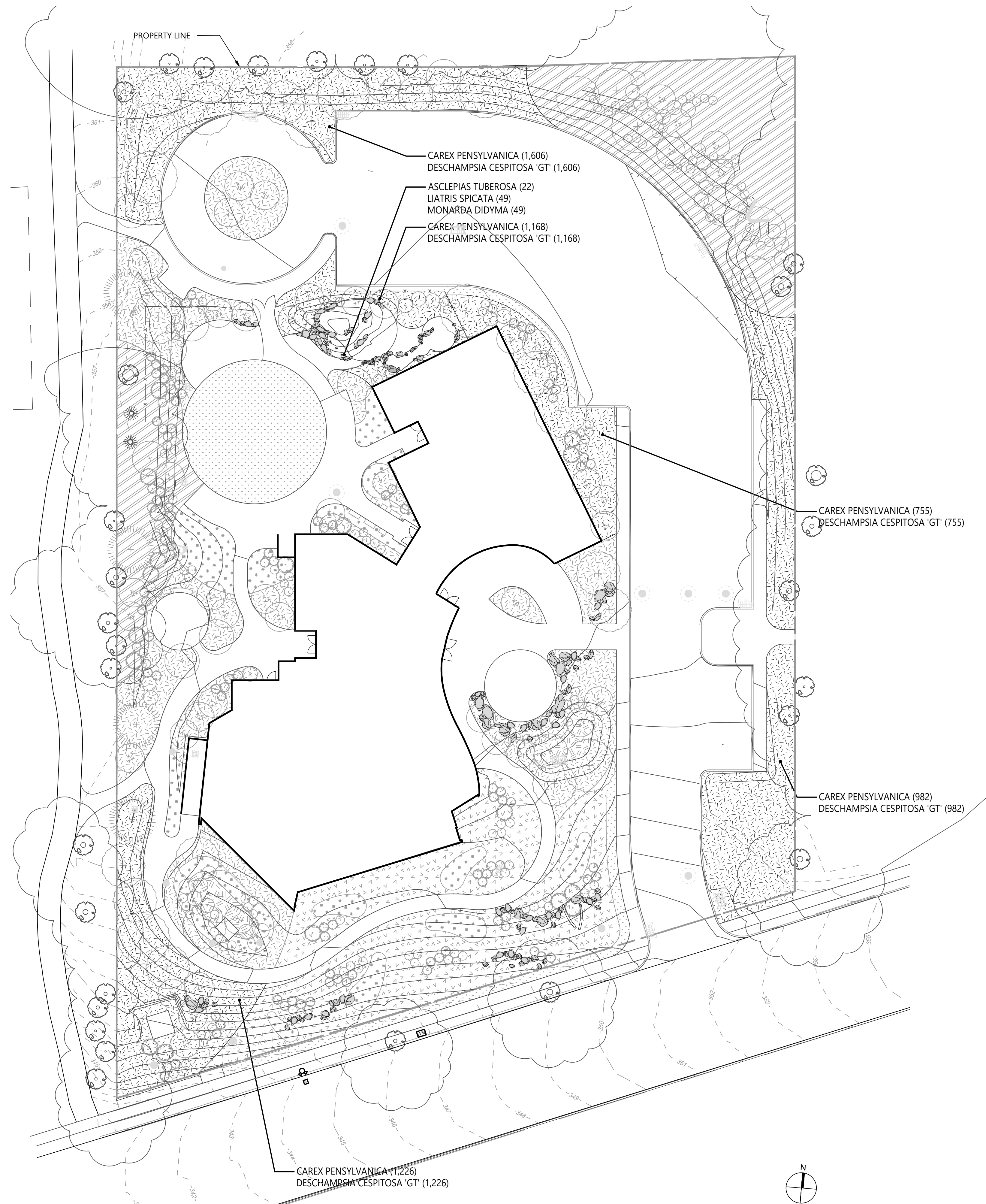
- SUNNY MEADOW
- SHADED MEADOW
- PERENNIAL COLOR
- RAIN BASIN
- BUFFER PLANTINGS
- TURF
- GREEN ROOF

PHASE 1: PLANT SCHEDULE



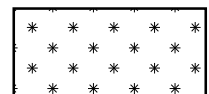


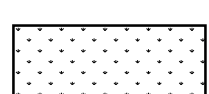
SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	TYPE	NOTES
GRASSES AND SEDGES							
	1,761	<i>Bouteloua gracilis</i> 'Blonde Ambition' (BA)	Blue Grama Grass	LP50 plug	12" o.c.	Plug	
	145	<i>Carex amphibia</i>	Creek Sedge	LP50 plug	12" o.c.	Plug	
	2,043	<i>Carex appalachia</i>	Appalachian Sedge	LP50 plug	12" o.c.	Plug	
	4,865	<i>Carex pensylvanica</i>	Pennsylvania Sedge	LP50 plug	12" o.c.	Plug	
	144	<i>Carex vulpinoidea</i>	Fox Sedge	LP50 plug	12" o.c.	Plug	
	3,042	<i>Deschampsia cespitosa</i> 'Goldtau' (GT)	Tufted Hair Grass	LP50 plug	12" o.c.	Plug	
	144	<i>Juncus effusus</i>	Soft Rush	LP50 plug	12" o.c.	Plug	
	1761	<i>Sporobolus heterolepis</i> 'Tara' (T)	Dwarf Prairie Dropseed	LP50 plug	12" o.c.	Plug	
	1761	<i>Schizachyrium scoparium</i> 'Standing Ovation' (ST)	Little Bluestem 'Standing Ovation'	LP50 plug	12" o.c.	Plug	
PERENNIALS							
	137	<i>Amsonia hubrichtii</i> 'Blue Ice' (BI)	Threadleaf Bluestar	LP50 plug	18" o.c.	Plug	
	189	<i>Asclepias tuberosa</i>	Butterfly Weed	LP50 plug	18" o.c.	Plug	
	1,067	<i>Aster divaricatus</i>	White Wood Aster	LP50 plug	12" o.c.	Plug	
	40	<i>Aster oblongifolius</i> 'Raydon's Favorite' (RF)	Aromatic Aster	LP50 plug	18" o.c.	Plug	
	2,043	<i>Dryopteris marginalis</i>	Eastern Woodfern	LP32 plug	12" o.c.	Plug	
	120	<i>Echinacea purpurea</i> 'Ruby Star' (RS)	Ruby Star Coneflower	LP50 plug	24" o.c.	Plug	
	138	<i>Geranium maculatum</i>	Wild Geranium	LP50 plug	12" o.c.	Plug	
	144	<i>Iris versicolor</i>	Blueflag Iris	LP50 plug	12" o.c.	Plug	
	265	<i>Liatris spicata</i>	Dense Blazing Star	LP50 plug	12" o.c.	Plug	
	231	<i>Monarda didyma</i> 'Pardon My Cerise' (PMC)	Beebalm	LP50 plug	12" o.c.	Plug	
	58	<i>Penstemon digitalis</i> 'Husker Red' (HR)	Foxglove Beardtongue	LP50 plug	12" o.c.	Plug	
	20	<i>Polystichum acrostichoides</i>	Christmas Fern	LP50 plug	18" o.c.	Plug	
	62	<i>Rudbeckia fulgida</i> 'Goldsturm' (GS)	Black-Eyed Susan	LP50 plug	24" o.c.	Plug	
	54	<i>Vernonia lettermannii</i> 'Iron Butterfly' (IB)	Iron Butterfly Ironweed	LP50 plug	24" o.c.	Plug	
	38	<i>Zizia aurea</i>	Golden Alexander	LP50 plug	18" o.c.	Plug	
BULBS							
	500	<i>Allium 'Globemaster'</i>	Globemaster Allium	6" o.c.		Bulb	
	500	<i>Narcissus 'February Gold'</i>	February Gold Daffodil	3" o.c.		Bulb	

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PHASE 1 GRASS & PERENNIAL PLANTING PLAN		
Project No.	101007201	
Date	JULY 18, 2024	
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Sheet		of 1
LP102		





PLANTING LEGEND

-  SUNNY MEADOW
-  SHADED MEADOW
-  PERENNIAL COLOR
-  RAIN BASIN
-  BUFFER PLANTINGS
-  TURF

PHASE 2: PLANT SCHEDULE

SYM.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	TYPE	NOTES
GRASSES AND SEDGES							
	4,982	Carex pensylvanica	Pennsylvania Sedge	LP50 plug	12" o.c.	Plug	
	4,982	Deschampsia cespitosa 'Goldtau (GT)	Tufted Hair Grass	LP50 plug	12" o.c.	Plug	
PERENNIALS							
	22	Asclepias tuberosa	Butterfly Weed	LP50 plug	18" o.c.	Plug	
	49	Liatris spicata	Dense Blazing Star	LP50 plug	12" o.c.	Plug	
	49	Monarda didyma 'Pardon My Cerise (PMC)	Beebalm	LP50 plug	12" o.c.	Plug	

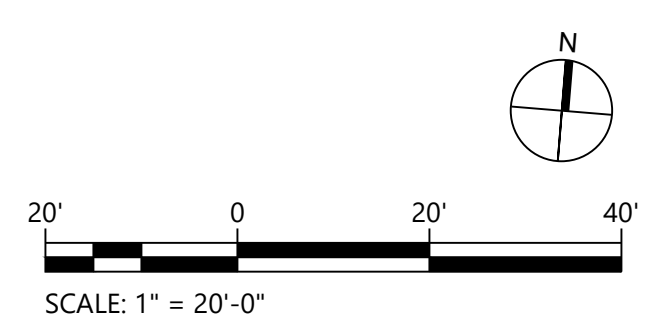
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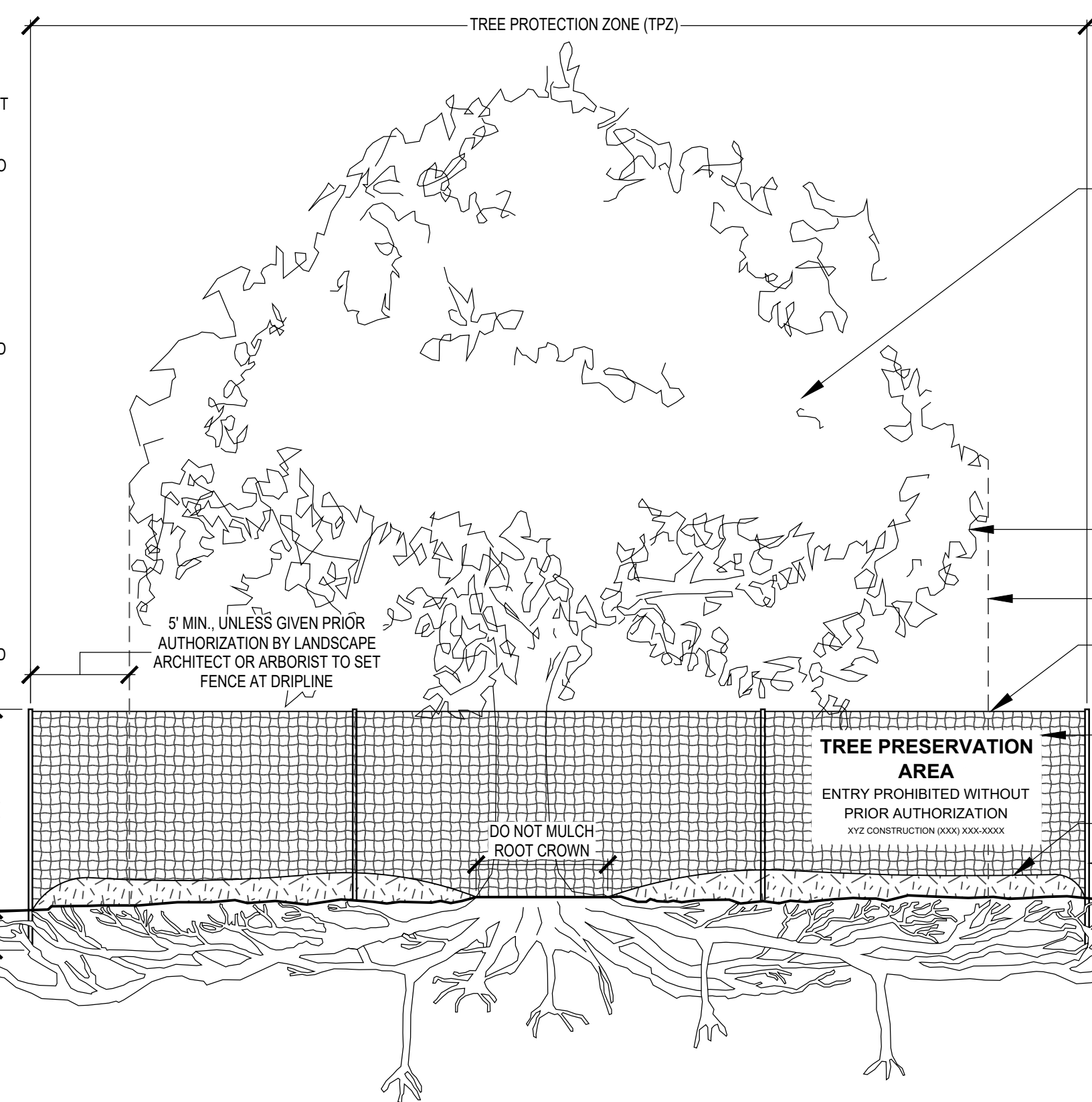
Drawing Title
**PHASE 2
 GRASS & PERENNIAL
 PLANTING PLAN**

Project No. 101007201	LP103
Date JULY 18, 2024	
Drawn By LG	
Checked By TD	
Sheet of 1	



NOTES:

1. INSTALL PROTECTION-ZONE FENCING ALONG EDGES OF TPZ BEFORE MATERIALS OR EQUIPMENT ARE BROUGHT ON THE SITE AND DEMOLITION/CONSTRUCTION OPERATIONS BEGIN. FENCING IS TO REMAIN THROUGHOUT DURATION OF WORK.
2. REPAIR OR REPLACE TREES, SHRUBS, AND OTHER VEGETATION INDICATED TO REMAIN OR BE RELOCATED THAT ARE DAMAGED BY CONSTRUCTION.
3. DO NOT EXCAVATE WITHIN TPZ WITHOUT PRIOR NOTIFICATION AND APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT. LAYOUT THE EXTENT OF EXCAVATION WITH PAINT MARKING FOR REVIEW BEFORE EXCAVATING.
4. TPZ SIGNAGE SHALL CLEARLY STATE THAT AREA IS PROTECTED AND ENTRY IS PROHIBITED WITHOUT PRIOR AUTHORIZATION. TPZ SIGNAGE SHALL CONTAIN CONTRACTOR CONTACT INFORMATION. TEXT ON SIGNS SHALL BE IN THE LANGUAGE(S) COMMONLY SPOKEN ON SITE.
5. MAINTAIN TPZ FREE OF WEEDS AND TRASH.



NO NECESSARY PRUNING OPERATIONS SHALL TAKE PLACE WITHOUT PRIOR NOTIFICATION OF PROJECT LANDSCAPE ARCHITECT OR PROJECT ARBORIST. PRUNING SHOULD REMOVE NO MORE LIVING MATERIAL THAN WHAT IS NECESSARY. UTILIZE THE SMALLEST DIAMETER CUTS THAT MEET THE PRUNING OBJECTIVE. WHEN REMOVING LIVE BRANCHES, THE MAJORITY OF CUTS SHOULD BE IN THE OUTER PORTION OF THE CROWN.

TIE BACK BRANCHES USING ARBORIST UNDER SUPERVISION OF PROJECT ARBORIST

DRIP LINE, TYP.

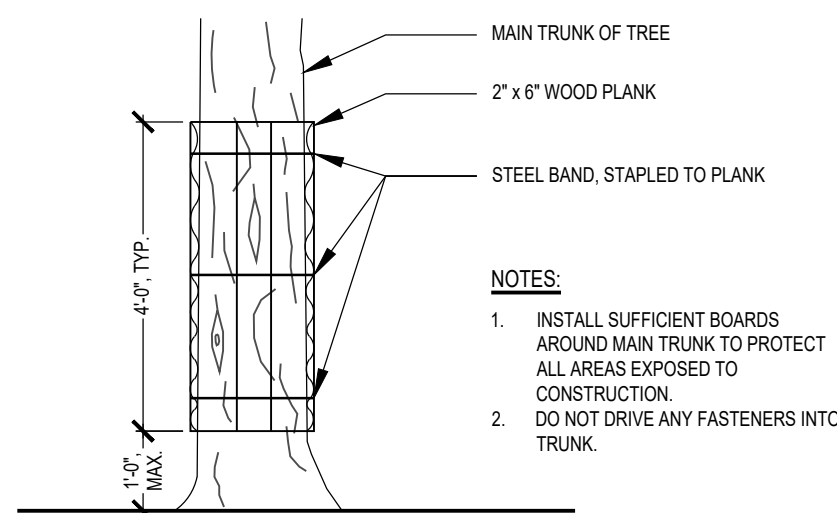
CHAIN LINK FENCE WITH 2" MESH. ATTACH TO POSTS WITH 6 GAUGE ALUMINUM WIRE TIES. 24" O.C. PLASTIC ZIP TIES MAY NOT BE USED.

PROTECTION-ZONE SIGNAGE. INSTALL ONE SIGN EVERY 30' BUT NO FEWER THAN FOUR SIGNS WITH EACH FACING A DIFFERENT DIRECTION. SEE NOTES.

4" COARSE MULCH LAYER WITHIN TPZ

2" DIA. GALVANIZED STEEL POST, TYP.

1 TREE PROTECTION
LP500 NTS



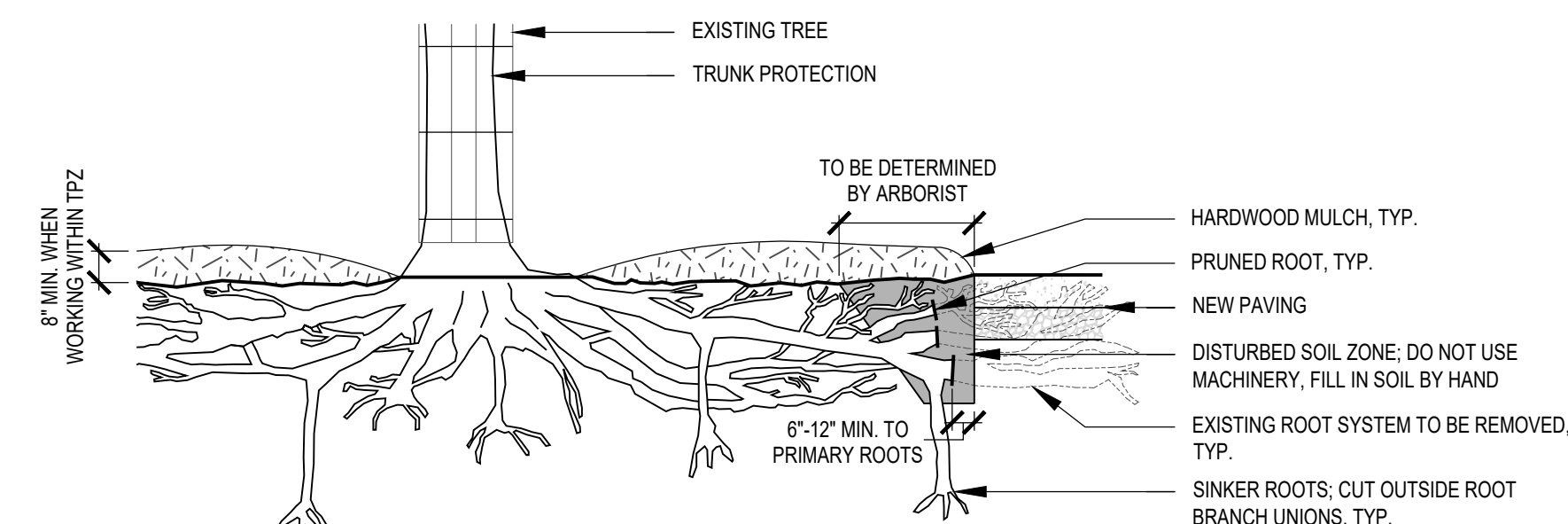
NOTES:

1. INSTALL SUFFICIENT BOARDS AROUND MAIN TRUNK TO PROTECT ALL AREAS EXPOSED TO CONSTRUCTION.
2. DO NOT DRIVE ANY FASTENERS INTO TRUNK.

2 TRUNK PROTECTION
LP500 NTS

NOTES:

1. ENSURE THAT TREES ARE IN GOOD HEALTH AND NOT EXPERIENCING UNUSUAL STRESS PRIOR TO COMMENCING WORK.
2. AIRSPADE OR HAND DIG ONLY WITHIN TPZ. DOCUMENT AND ASSESS ALL DAMAGES TO TREES AT COMMENCEMENT AND THROUGH COMPLETION OF WORK. PROTECT TREE AND TREE ROOTS THROUGHOUT CONSTRUCTION.
3. ANY WORK CARRIED OUT WITHIN TREE PROTECTION ZONE (TPZ) REQUIRES PRIOR INSTALLATION OF TRUNK PROTECTION BEFORE WORK COMMENCES.
4. ALL ROOT PRUNING SHALL BE CARRIED OUT UNDER THE SUPERVISION OF CERTIFIED ARBORIST OR APPROVED CONTRACTOR. PRUNE ROOTS BY HAND ONLY. UTILIZE DIRECTIONAL PRUNING TECHNIQUES AND/OR TRAIN ROOTS FROM ADJACENT STRUCTURES OR UTILITIES. CUT AT LEAST 1" BEYOND ROOT BRANCH UNIONS.
5. COVER EXPOSED ROOTS COMPLETELY WITH BURLAP WHEN NOT ACTIVELY PRUNING AND PROVIDE SUPPLEMENTAL WATER AS NECESSARY TO KEEP DAMP.
6. ENSURE PROPER SOIL MOISTURE LEVELS THROUGH DURATION OF WORK. SOIL MUST BE NEAR FIELD CAPACITY, BUT NOT SATURATED, AND PASS A FIELD MOISTURE TEST PRIOR TO USE OF AN AIRSPADE. HAND WATER TREES AS NECESSARY BEFORE COMMENCEMENT OF WORK AND WITHIN 24 HOURS OF COMPLETION. COVER BARE ROOTS AND WATER AS NECESSARY DURING WORK.



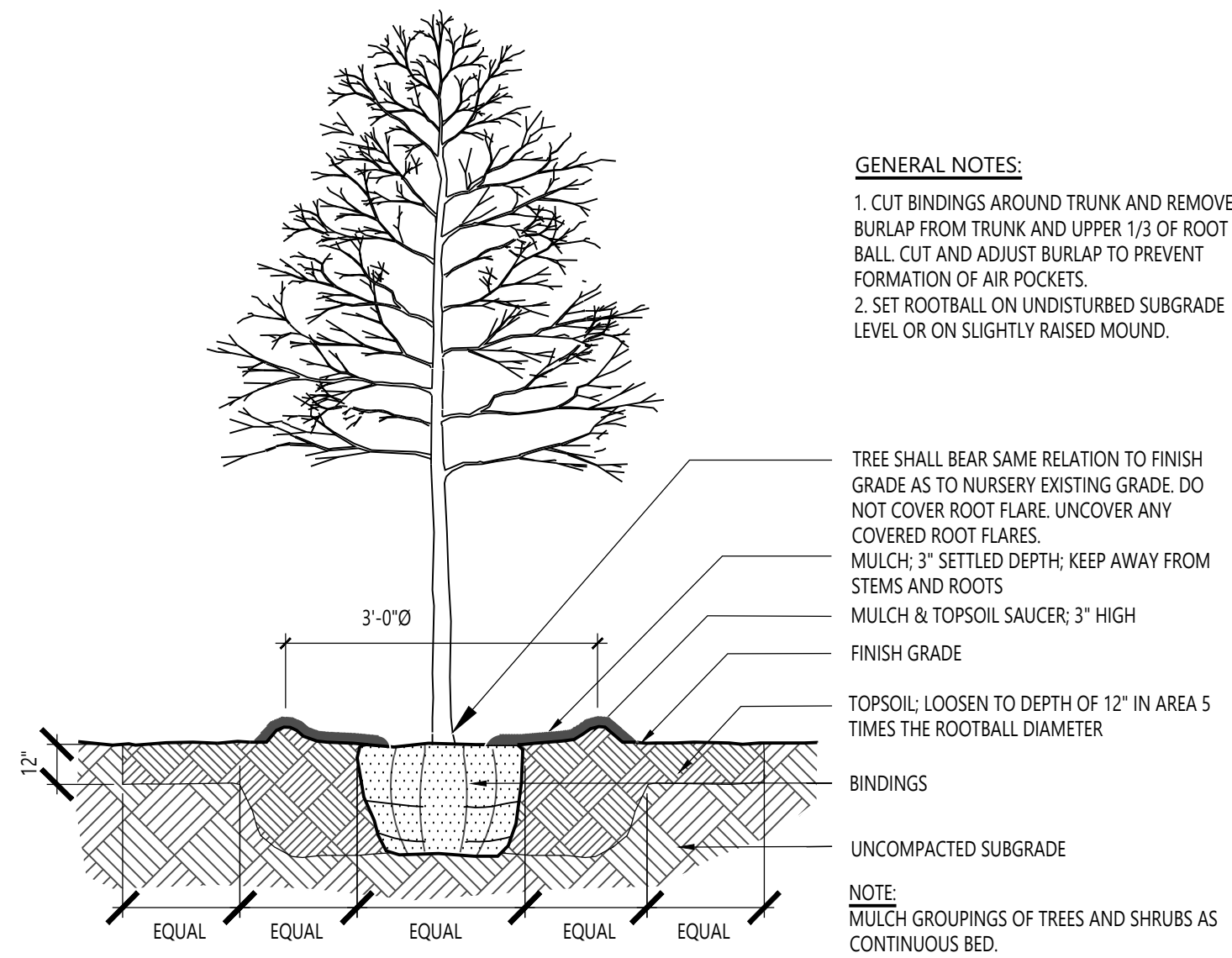
3 ROOT PRUNING
LP500 NTS

PROTECTION-ZONE SIGNAGE. INSTALL ONE SIGN EVERY 30' BUT NO FEWER THAN FOUR SIGNS WITH EACH FACING A DIFFERENT DIRECTION. SEE NOTES.

4" COARSE MULCH LAYER WITHIN TPZ

2" DIA. GALVANIZED STEEL POST, TYP.

4 TREE PLANTING
LP500 NTS



GENERAL NOTES:

1. CUT BINDINGS AROUND TRUNK AND REMOVE BURLAP FROM TRUNK AND UPPER 1/3 OF ROOT BALL. CUT AND ADJUST BURLAP TO PREVENT FORMATION OF AIR POCKETS.
2. SET ROOTBALL ON UNDISTURBED SUBGRADE LEVEL OR ON SLIGHTLY RAISED MOUND.

TREE SHALL BEAR SAME RELATION TO FINISH GRADE AS TO NURSERY EXISTING GRADE. DO NOT COVER ROOT FLARE. UNCOVER ANY COVERED ROOT FLARES.

MULCH: 3" SETTLED DEPTH; KEEP AWAY FROM STEMS AND ROOTS

FINISH GRADE

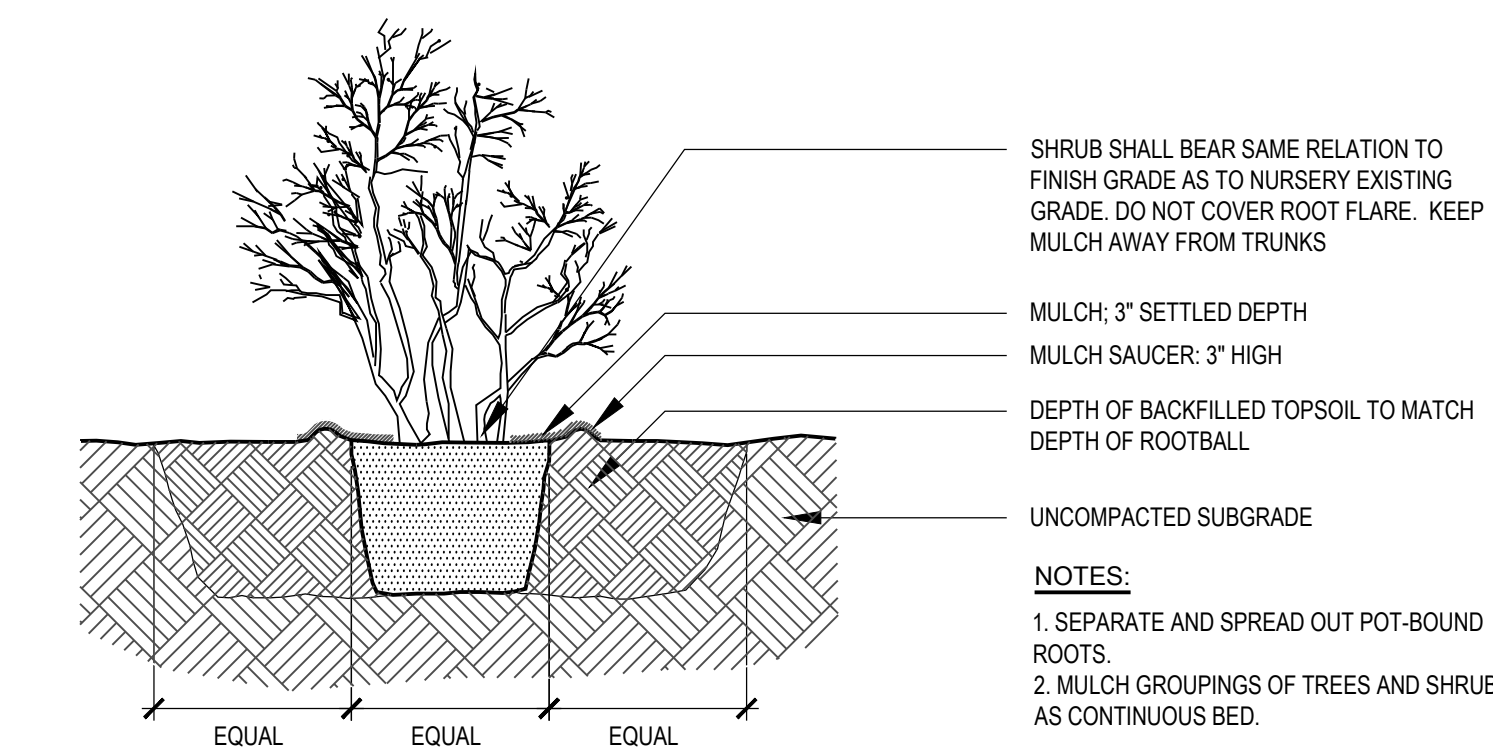
TOPSOIL: LOOSEN TO DEPTH OF 12" IN AREA 5 TIMES THE ROOTBALL DIAMETER

BINDINGS

UNCOMPACTED SUBGRADE

NOTE: MULCH GROUPINGS OF TREES AND SHRUBS AS CONTINUOUS BED.

5 SHRUB PLANTING
LP500 NTS



SHRUB SHALL BEAR SAME RELATION TO FINISH GRADE AS TO NURSERY EXISTING GRADE. DO NOT COVER ROOT FLARE. KEEP MULCH AWAY FROM TRUNKS

MULCH: 3" SETTLED DEPTH

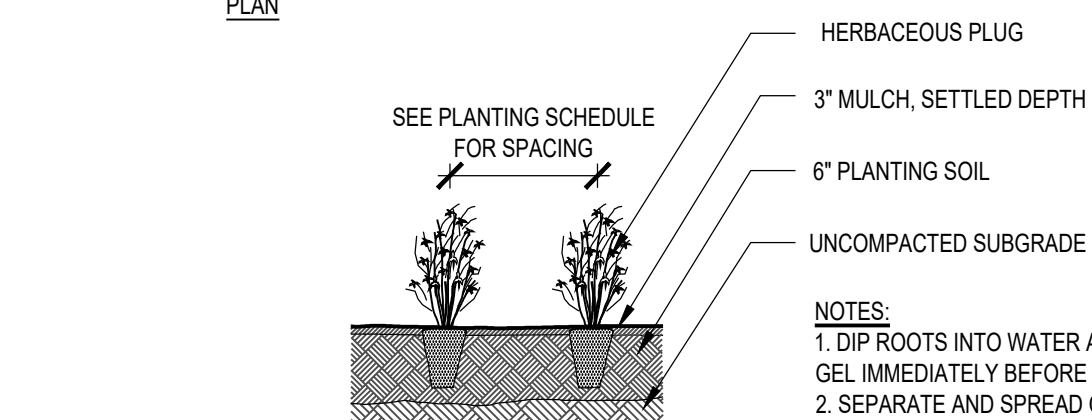
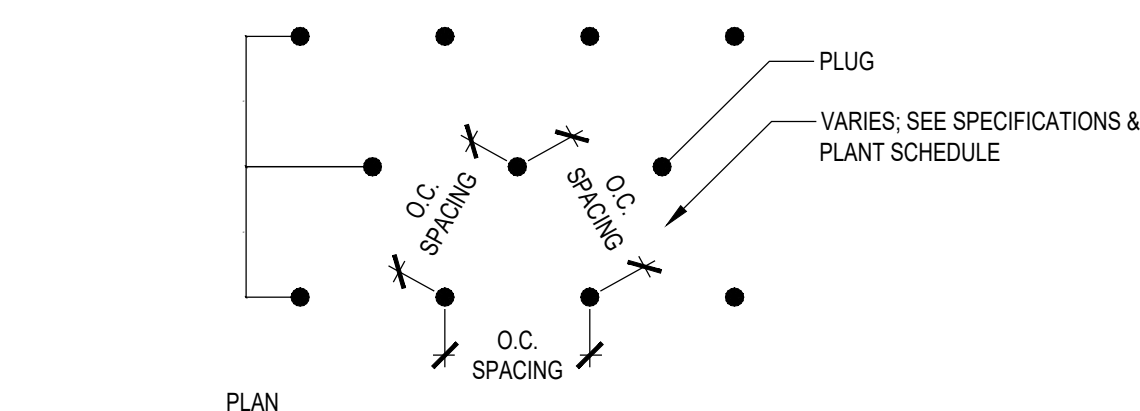
MULCH SAUCER: 3" HIGH

DEPTH OF BACKFILLED TOPSOIL TO MATCH DEPTH OF ROOTBALL

UNCOMPACTED SUBGRADE

NOTES:

1. SEPARATE AND SPREAD OUT POT-BOUND ROOTS.
2. MULCH GROUPINGS OF TREES AND SHRUBS AS CONTINUOUS BED.

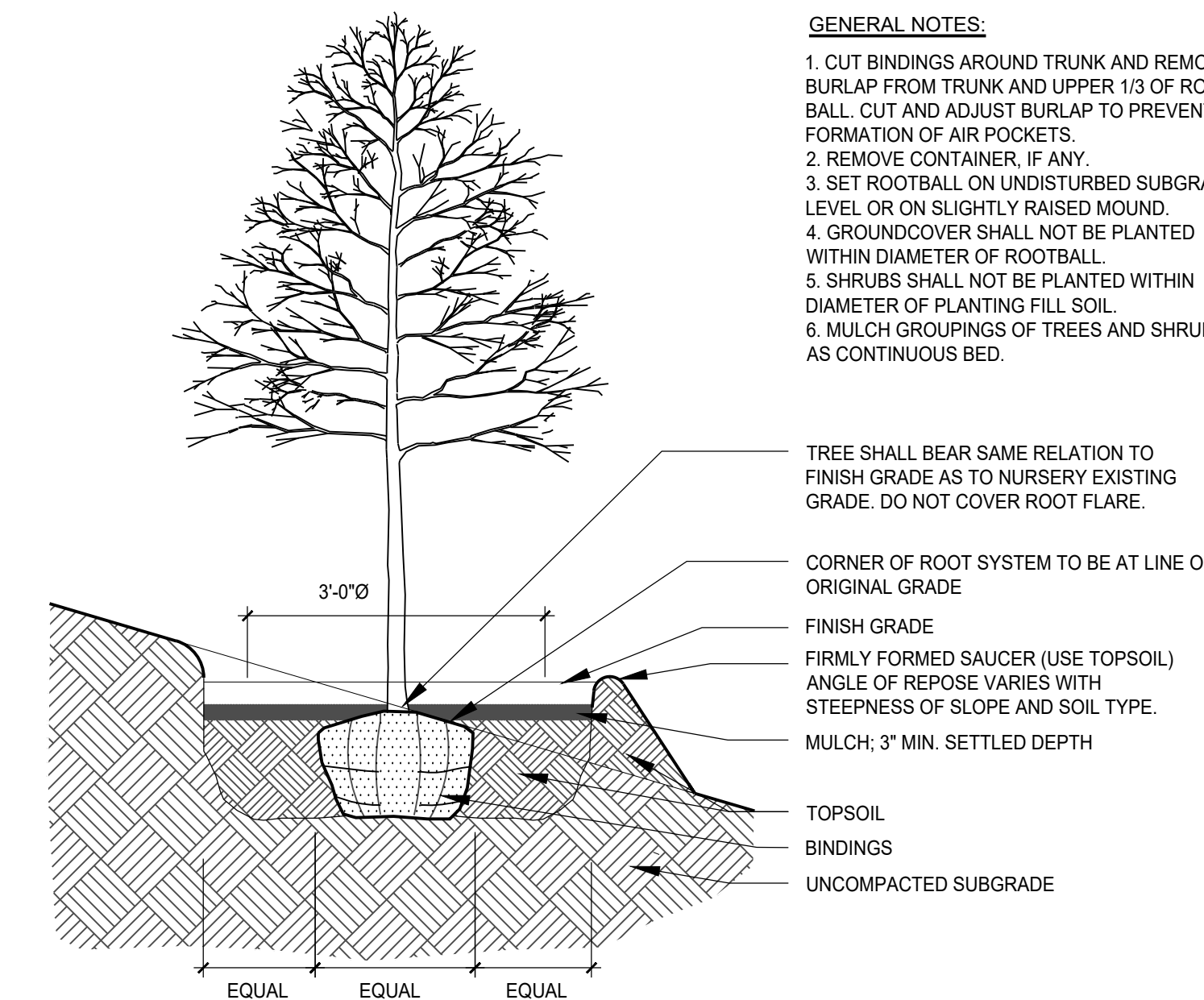


6 PLUG AND HERBACEOUS PERENNIAL PLANTING
LP500 NTS



7 GREEN ROOF - REFERENCE IMAGES
LP500 NTS

8 TREE PLANTING ON SLOPE
LP500 NTS



GENERAL NOTES:

1. CUT BINDINGS AROUND TRUNK AND REMOVE BURLAP FROM TRUNK AND UPPER 1/3 OF ROOT BALL. CUT AND ADJUST BURLAP TO PREVENT FORMATION OF AIR POCKETS.
2. REMOVE CONTAINER, IF ANY.
3. SET ROOTBALL ON UNDISTURBED SUBGRADE LEVEL OR ON SLIGHTLY RAISED MOUND.
4. GROUND COVER SHALL NOT BE PLANTED WITHIN DIAMETER OF ROOTBALL.
5. SHRUBS SHALL NOT BE PLANTED WITHIN DIAMETER OF PLANTING FILL SOIL.
6. MULCH GROUPINGS OF TREES AND SHRUBS AS CONTINUOUS BED.

TREE SHALL BEAR SAME RELATION TO FINISH GRADE AS TO NURSERY EXISTING GRADE. DO NOT COVER ROOT FLARE.

CORNER OF ROOT SYSTEM TO BE AT LINE OF ORIGINAL GRADE

FINISH GRADE

FIRMLY FORMED SAUCER (USE TOPSOIL) ANGLE OF REPOSE VARIES WITH STEEPNESS OF SLOPE AND SOIL TYPE.

MULCH: 3" MIN. SETTLED DEPTH

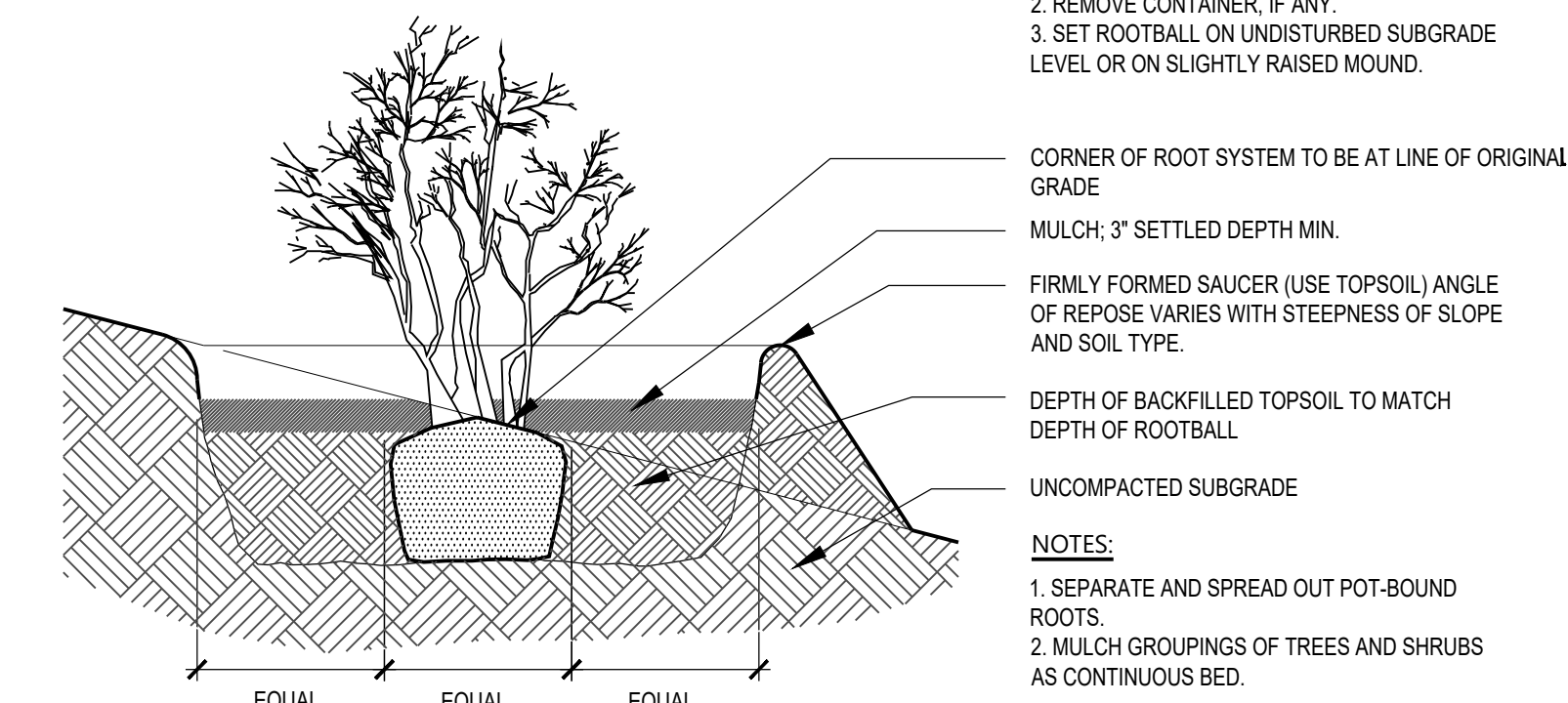
TOPSOIL

BINDINGS

UNCOMPACTED SUBGRADE

GENERAL NOTES:

1. CUT BINDINGS AROUND TRUNK AND REMOVE BURLAP FROM TRUNK AND UPPER 1/3 OF ROOT BALL. CUT AND ADJUST BURLAP TO PREVENT FORMATION OF AIR POCKETS.
2. REMOVE CONTAINER, IF ANY.
3. SET ROOTBALL ON UNDISTURBED SUBGRADE LEVEL OR ON SLIGHTLY RAISED MOUND.



SHRUB SHALL BEAR SAME RELATION TO FINISH GRADE AS TO NURSERY EXISTING GRADE. DO NOT COVER ROOT FLARE. KEEP MULCH AWAY FROM TRUNKS

MULCH: 3" SETTLED DEPTH MIN.

FIRMLY FORMED SAUCER (USE TOPSOIL) ANGLE OF REPOSE VARIES WITH STEEPNESS OF SLOPE AND SOIL TYPE.

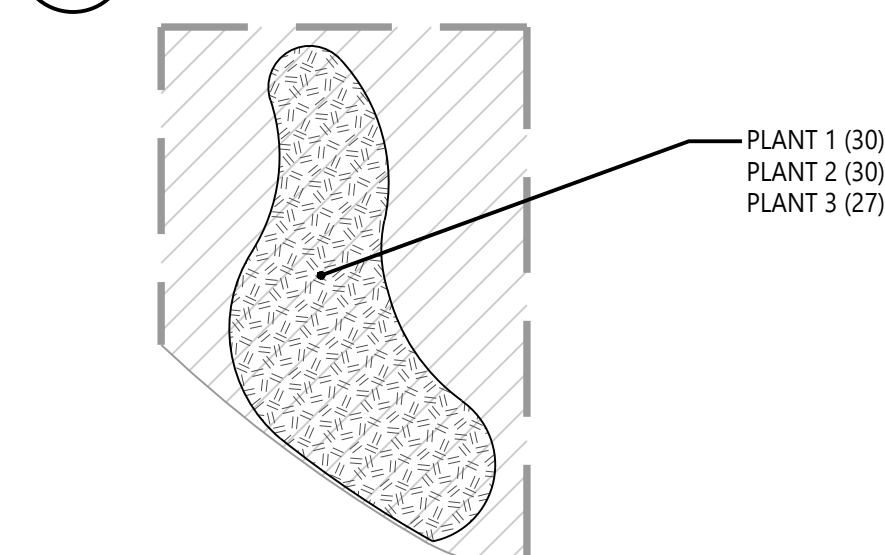
DEPTH OF BACKFILLED TOPSOIL TO MATCH DEPTH OF ROOTBALL

UNCOMPACTED SUBGRADE

NOTES:

1. SEPARATE AND SPREAD OUT POT-BOUND ROOTS.
2. MULCH GROUPINGS OF TREES AND SHRUBS AS CONTINUOUS BED.

9 SHRUB PLANTING ON SLOPE
LP500 NTS



INSET FROM GRASS AND PERENNIAL PLANTING PLAN
SCALE: 1/2" = 1'-0"

NOTES:

1. ARRANGE PLANT IN DRIFTS SIMILAR TO PLAN AT RIGHT.
2. IN LARGER PLANT MASSINGS OF 60 OR MORE PLANTS, PLANT IN DRIFT GROUPINGS NO SMALLER THAN 20 PLANTS. SCALE DOWN DRIFT SIZES IN SMALLER PLANT MASSINGS.
3. DO NOT PLANT IN RECTANGULAR GRIDS.

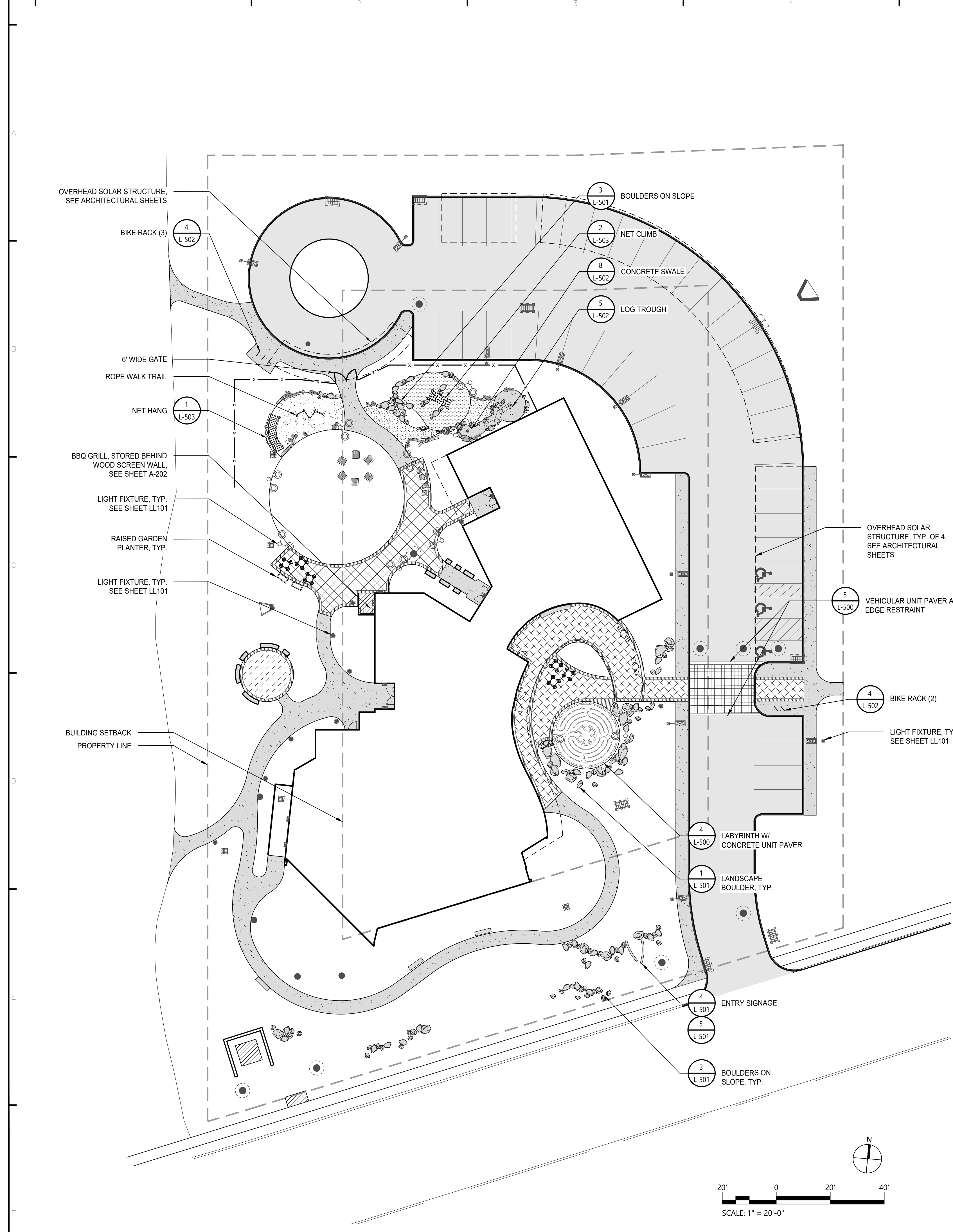
10 SAMPLE PLANT MASS LAYOUT
LP500 NTS

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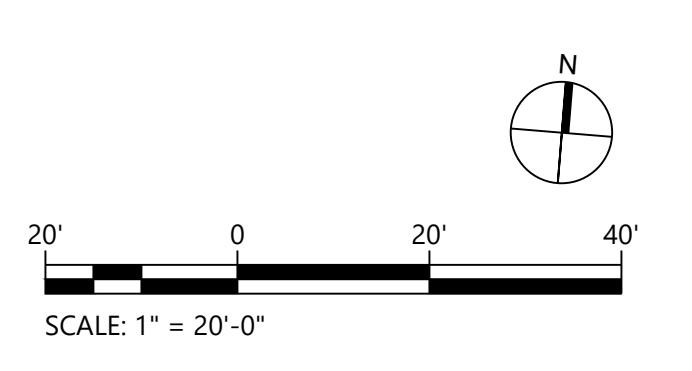
Project
BEACON UNITARIAN UNIVERSALIST CONGREGATION
SUMMIT NEW JERSEY
UNION COUNTY
Drawing Title
PLANTING DETAILS

Project No. 101007201	LP500
Date JULY 18, 2024	
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Sheet of 1	

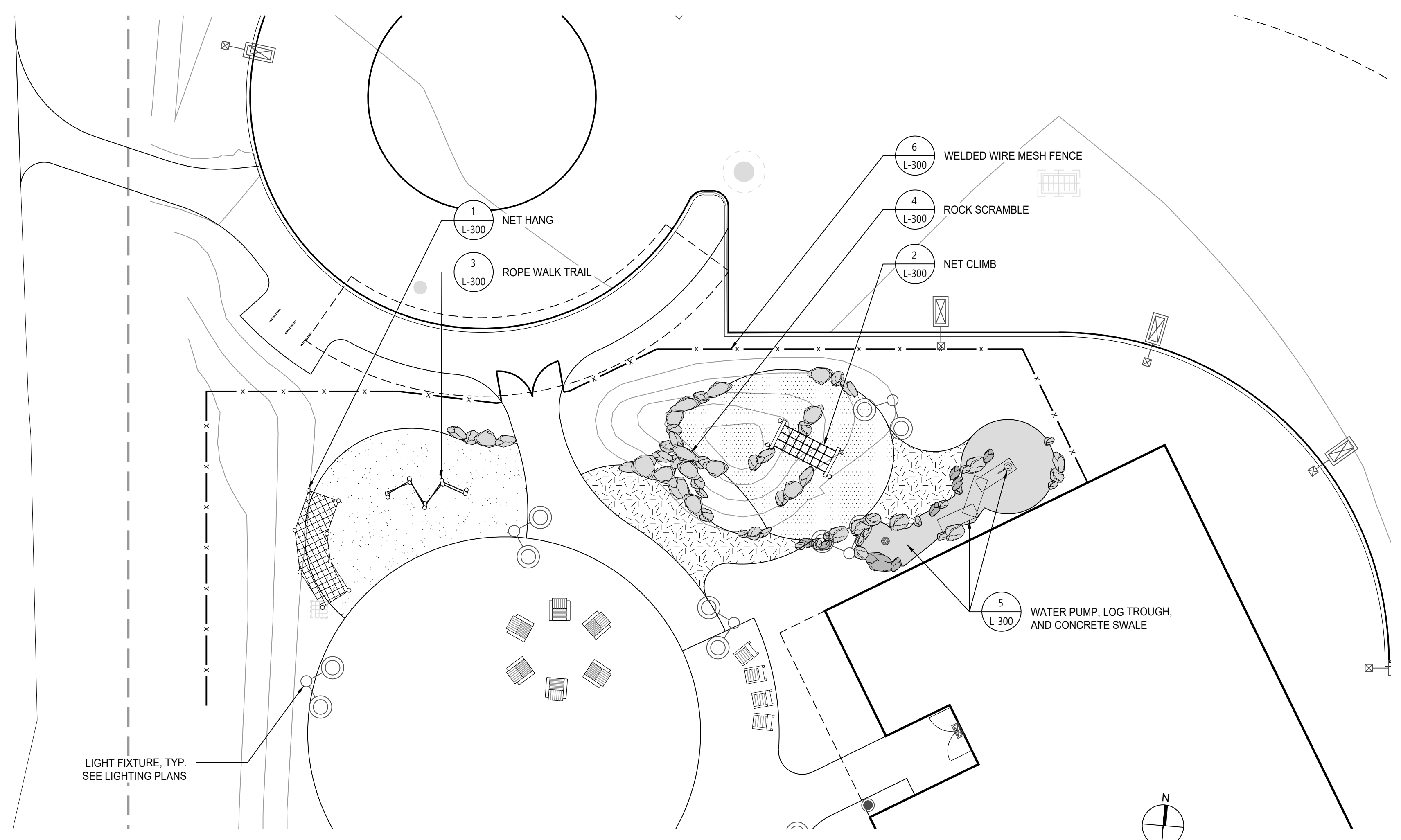


SITE LEGEND

	1 EXPOSED AGGREGATE CONCRETE
	2 BROOM FINISH CONCRETE PAD, SEE CIVIL DRAWINGS
	ASPHALT PAVING, SEE CIVIL DRAWINGS
	4 UNIT PAVER TYPE 1
	4 UNIT PAVER TYPE 2
	6 9 UNIT PAVER EDGE BAND
	5 VEHICULAR UNIT PAVER
	10 PLAY SAND
	3 6 RUBBERIZED PLAY SURFACE
	9 ENGINEERED WOOD FIBER PLAY SURFACING
	CONCRETE CURB, SEE CIVIL ENGINEER SHEETS
	7 WELDED WIRE MESH FENCE
	6 STONE BENCH
	WOOD BENCH
	30" ROUND TABLE W/ MOVEABLE CHAIRS
	CAFE TABLE W/ MOVEABLE CHAIRS
	ADIRONDACK CHAIR
	ROCKING CHAIR
	LANDSCAPE BOULDERS
	SALVAGED LOG / STUMPS



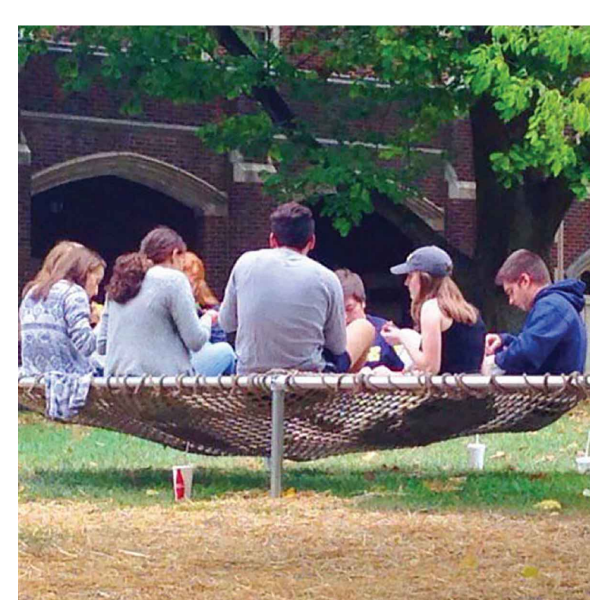
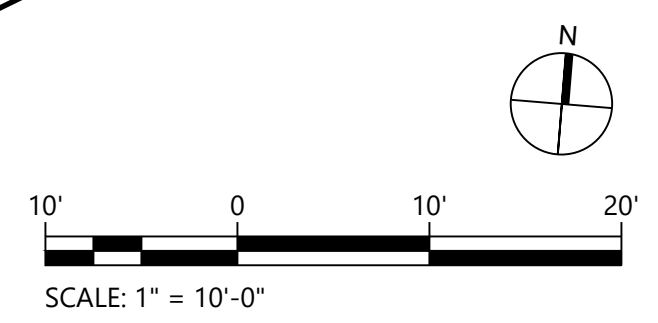
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Drawing Title		
SITE MATERIALS PLAN		
Project No.		L-100 Sheet of 1
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Drawn By		
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101007201		
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ES		
TD		



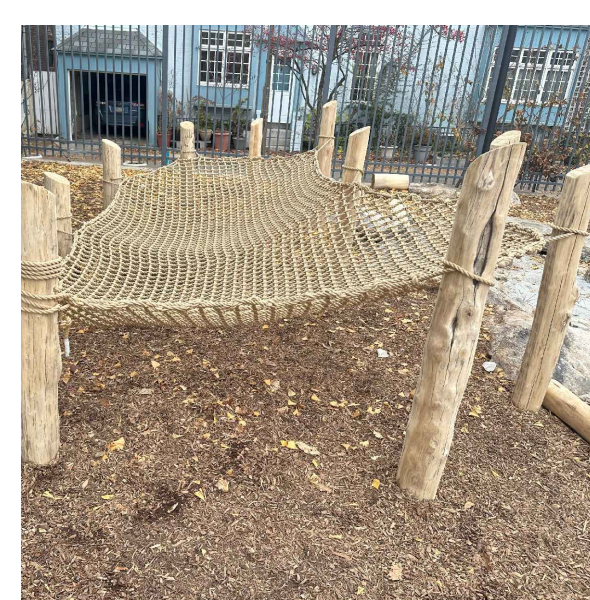
SITE LEGEND

- 1 EXPOSED AGGREGATE CONCRETE
- 10 PLAY SAND
- 3 RUBBERIZED PLAY SURFACE
- 6 RUBBERIZED PLAY SURFACE
- 9 ENGINEERED WOOD FIBER
- 30" ROUND TABLE W/ MOVEABLE CHAIRS
- ROCKING CHAIR
- ADIRONDACK CHAIR
- LANDSCAPE BOULDERS
- LOGS AND STUMPS

LIGHT FIXTURE, TYP. SEE LIGHTING PLANS



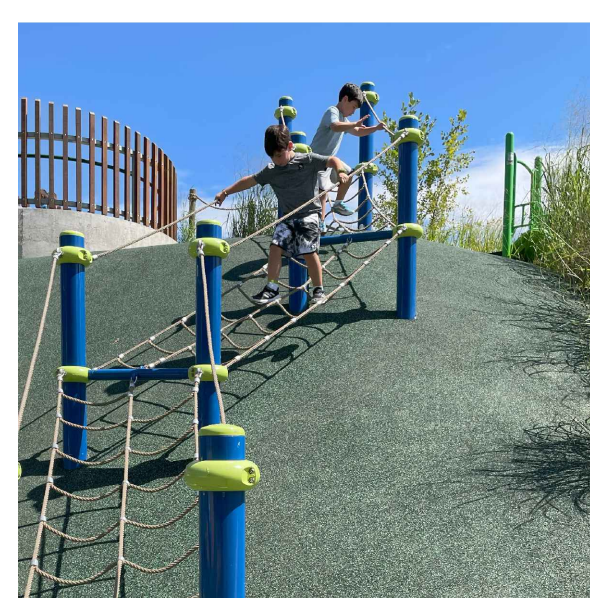
1 NET HANG
L-300



3 ROPE WALK TRAIL
L-300



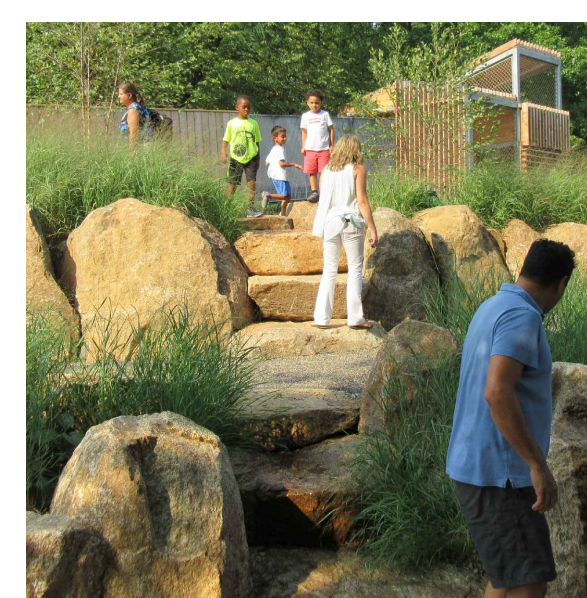
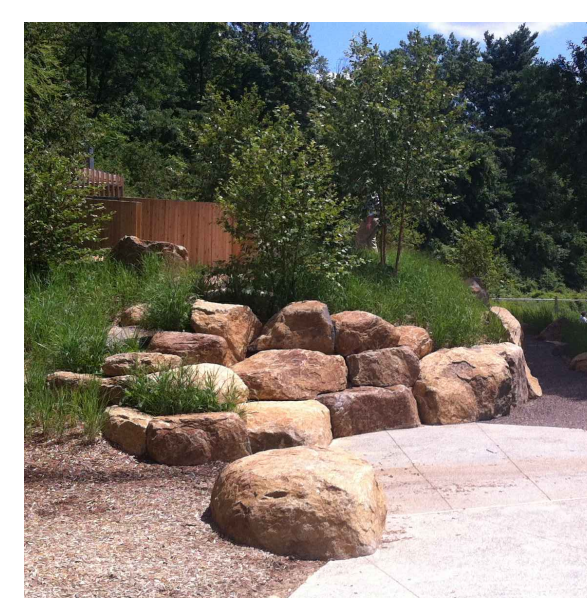
5 WATER PUMP, LOG TROUGH, AND CONCRETE SWALE
L-300



2 NET CLIMB
L-300

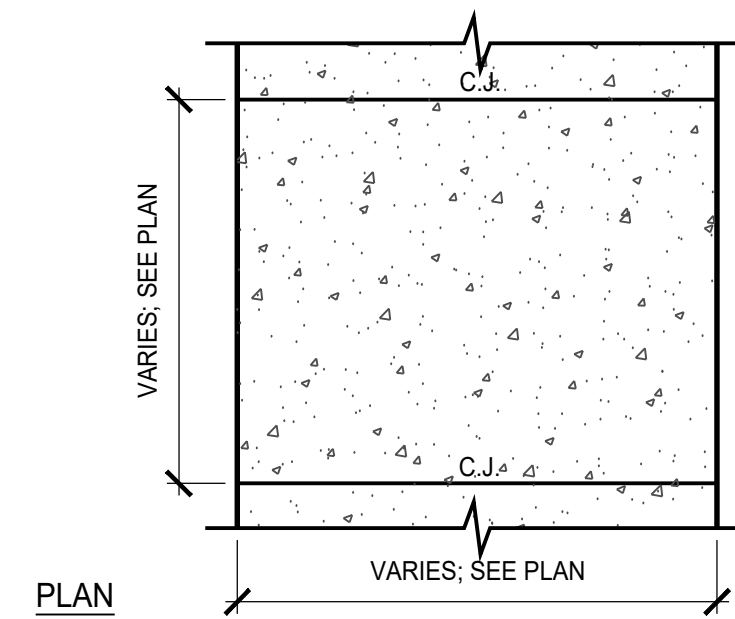


4 ROCK SCRAMBLE
L-300

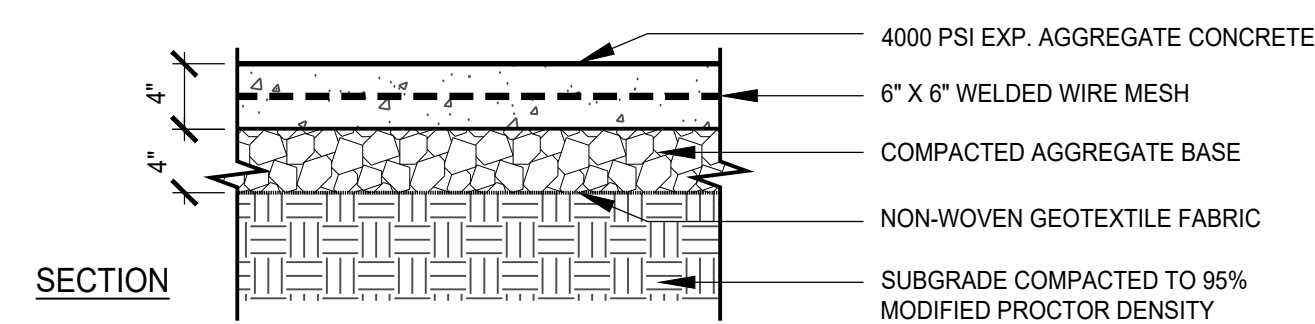


6 WELDED WIRE MESH FENCE
L-300

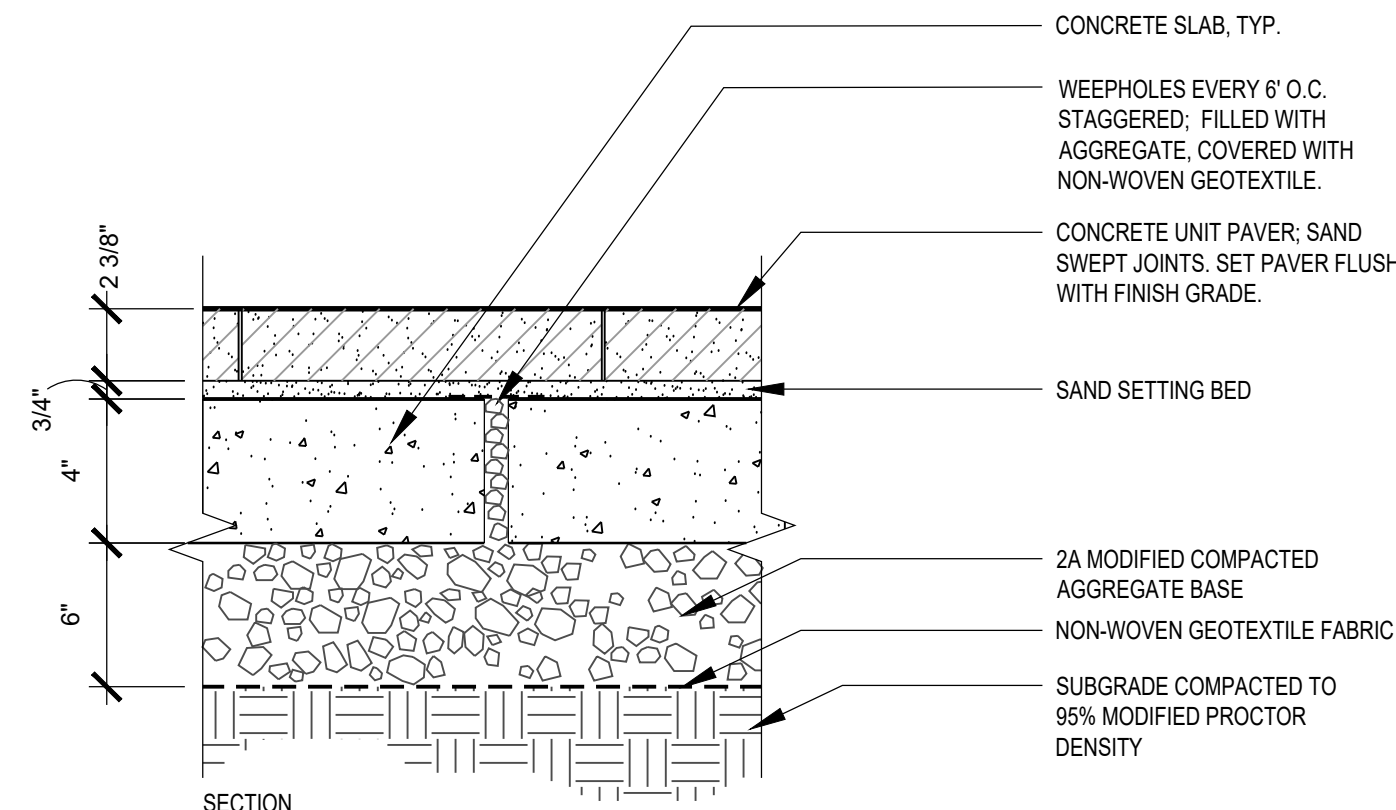
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PLAY ENLARGEMENT		
Project No.	101007201	L-300 Sheet of 1
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Checked By	TD	



- NOTES:**
- LOCATE ISOLATION/ EXPANSION JOINTS AT INTERVALS OF 50 FEET AND AT ALL VERTICAL SURFACES, UNLESS OTHERWISE INDICATED. OBTAIN ARCHITECT'S APPROVAL OF EXPANSION JOINT LOCATION BEFORE PLACEMENT.
 - LOCATE CONTRACTION JOINTS AT INTERVALS OF 5 FEET, UNLESS OTHERWISE INDICATED. OBTAIN ARCHITECT'S APPROVAL OF SCORING LAYOUT BEFORE PLACEMENT.
 - SEE DETAIL 2/L-500 FOR TYPICAL PAVEMENT JOINT DETAILS.
 - PROVIDE BROOM FINISH ORIENTATION PERPENDICULAR TO PATH OF TRAVEL.
 - OMIT WIRE MESH REINFORCEMENT FOR ALL PAVING WITHIN RIGHT-OF-WAY.

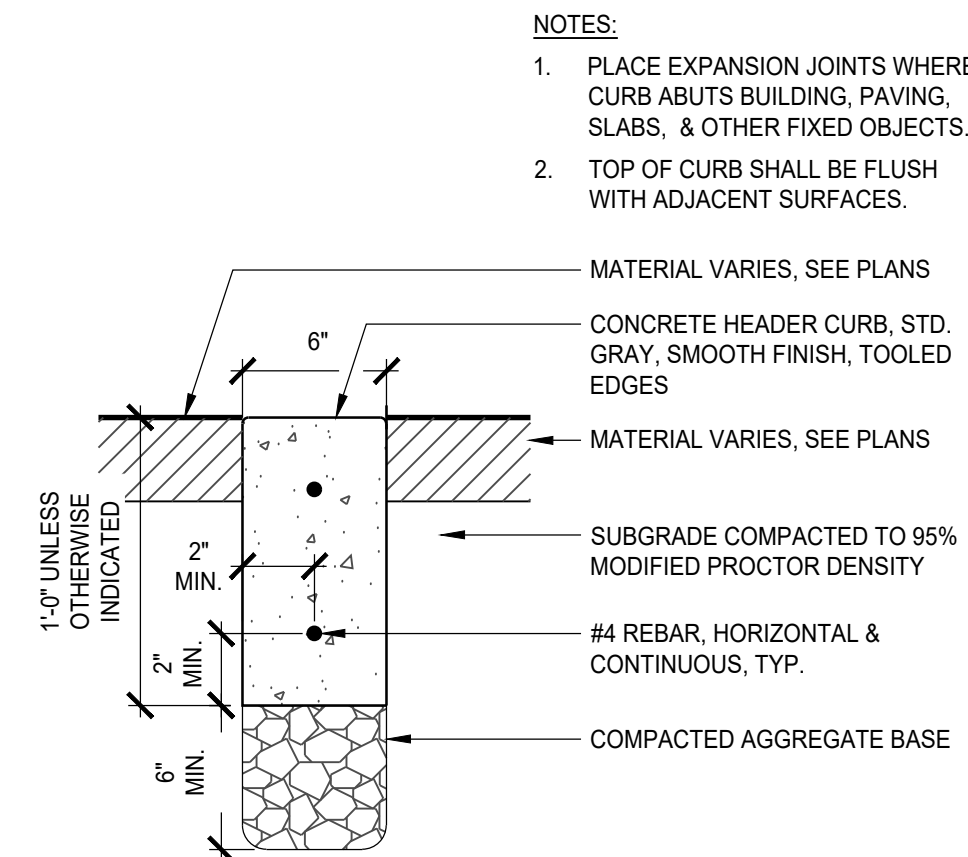


1 EXPOSED AGGREGATE CONCRETE
L-500 NTS



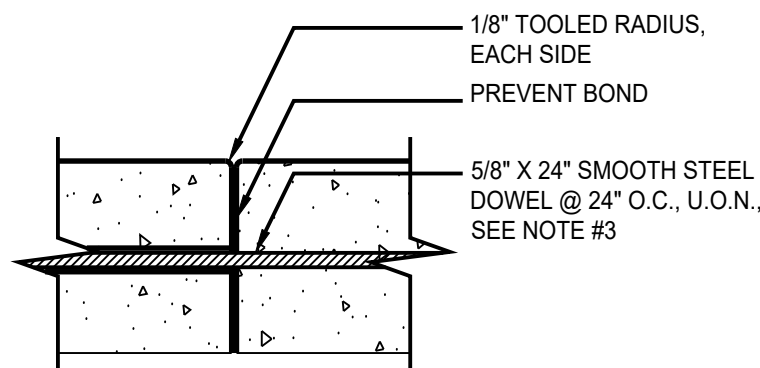
- NOTES:**
- PAVER CUTS ARE TO BE MACHINE CUTS.
 - LEAVE NO CUT SIDE LESS THAN 4".
 - USE EXPANSION JOINT AT BUILDING, CURB & RIGID STRUCTURES.
 - ALIGN CONTROL JOINTS IN CONCRETE SLAB PERPENDICULAR TO CURB EVERY 8'.

4 CONCRETE UNIT PAVER
L-500 1-1/2" = 1'-0"

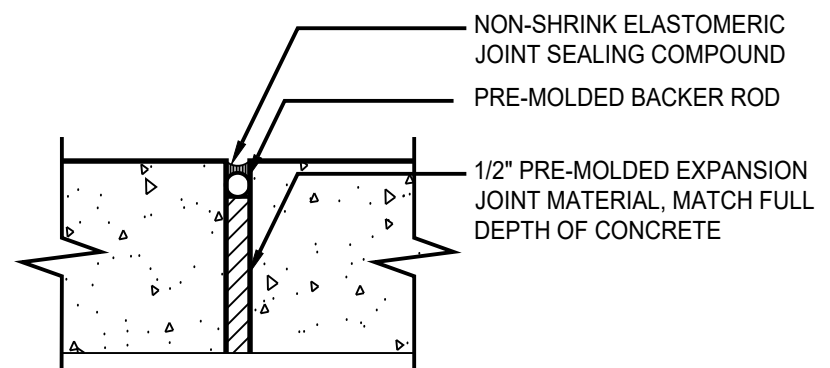


- NOTES:**
- PLACE EXPANSION JOINTS WHERE CURB ABUTS BUILDING, PAVING, SLABS, & OTHER FIXED OBJECTS.
 - TOP OF CURB SHALL BE FLUSH WITH ADJACENT SURFACES.

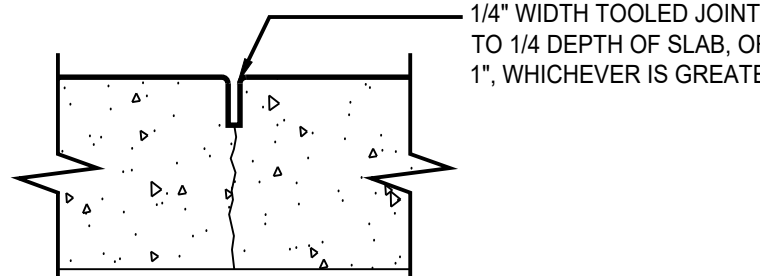
7 CONCRETE FLUSH HEADER CURB
L-500 1-1/2" = 1'-0"



CONSTRUCTION JOINT



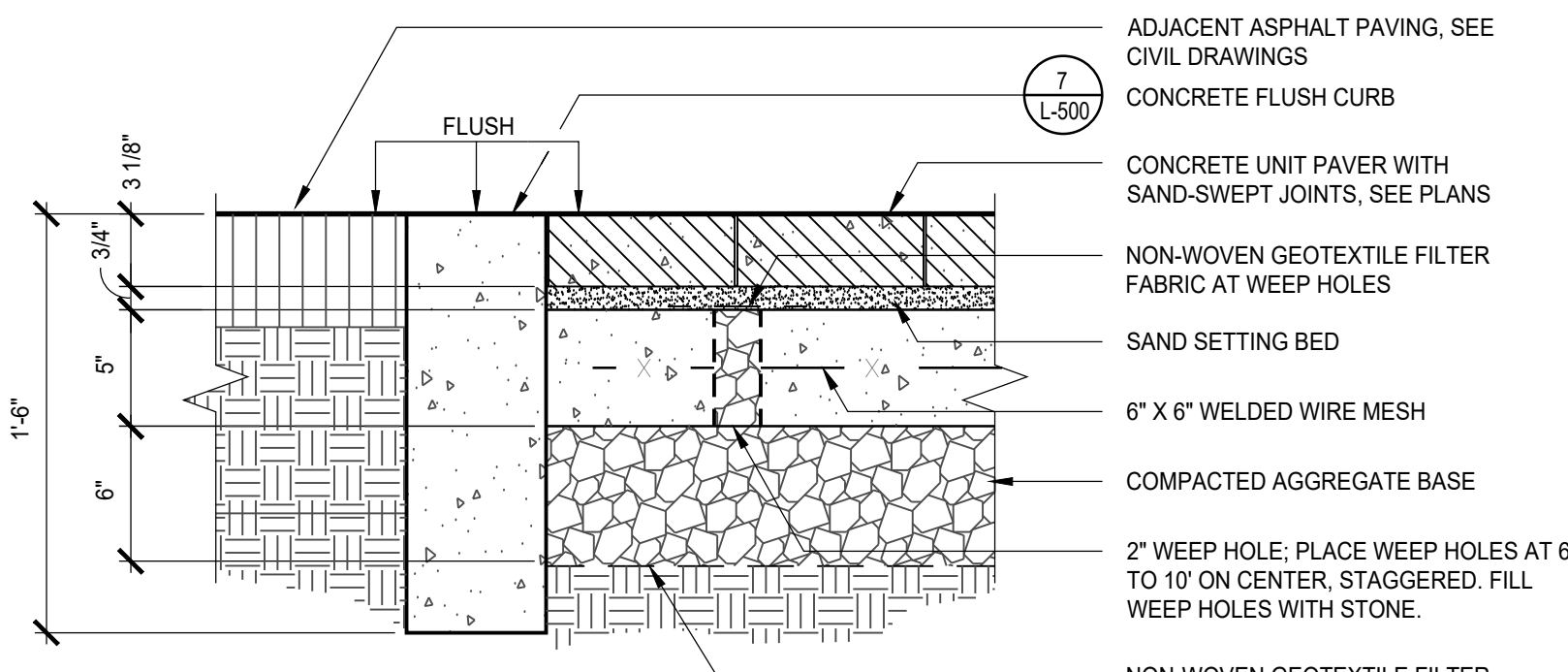
ISOLATION/EXPANSION JOINT



CONTROL JOINT

- NOTES:**
- MAXIMUM GAP BETWEEN CONCRETE SLABS SHALL BE 1/2" IN THE DIRECTION OF TRAVEL.
 - EXPANSION JOINTS SHALL BE USED WHEREVER PAVING MEETS CURBING, STRUCTURES, AND OTHER FIXED ELEMENTS.
 - PROVIDE STEEL DOWEL @ EVERY 18" O.C. FOR CONSTRUCTION JOINTS WHERE SLABS SHALL BEAR VEHICULAR LOADS.

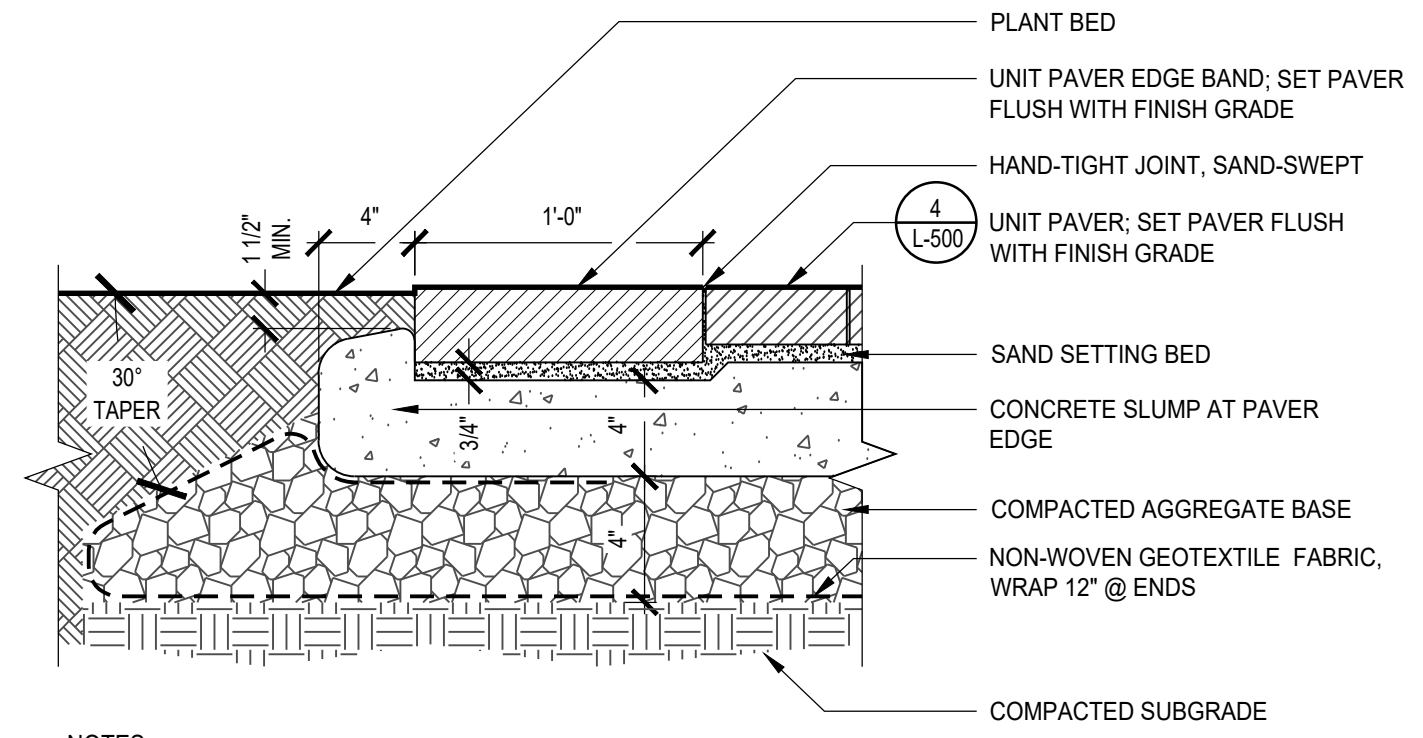
2 PAVEMENT JOINTS
L-500 1/4"=1'-0"



- NOTES:**
- SET PAVERS HAND TIGHT
 - NO SLIVERS (SMALLER THAN 3" ON A SIDE)
 - MACHINE CUT UNIT PAVERS

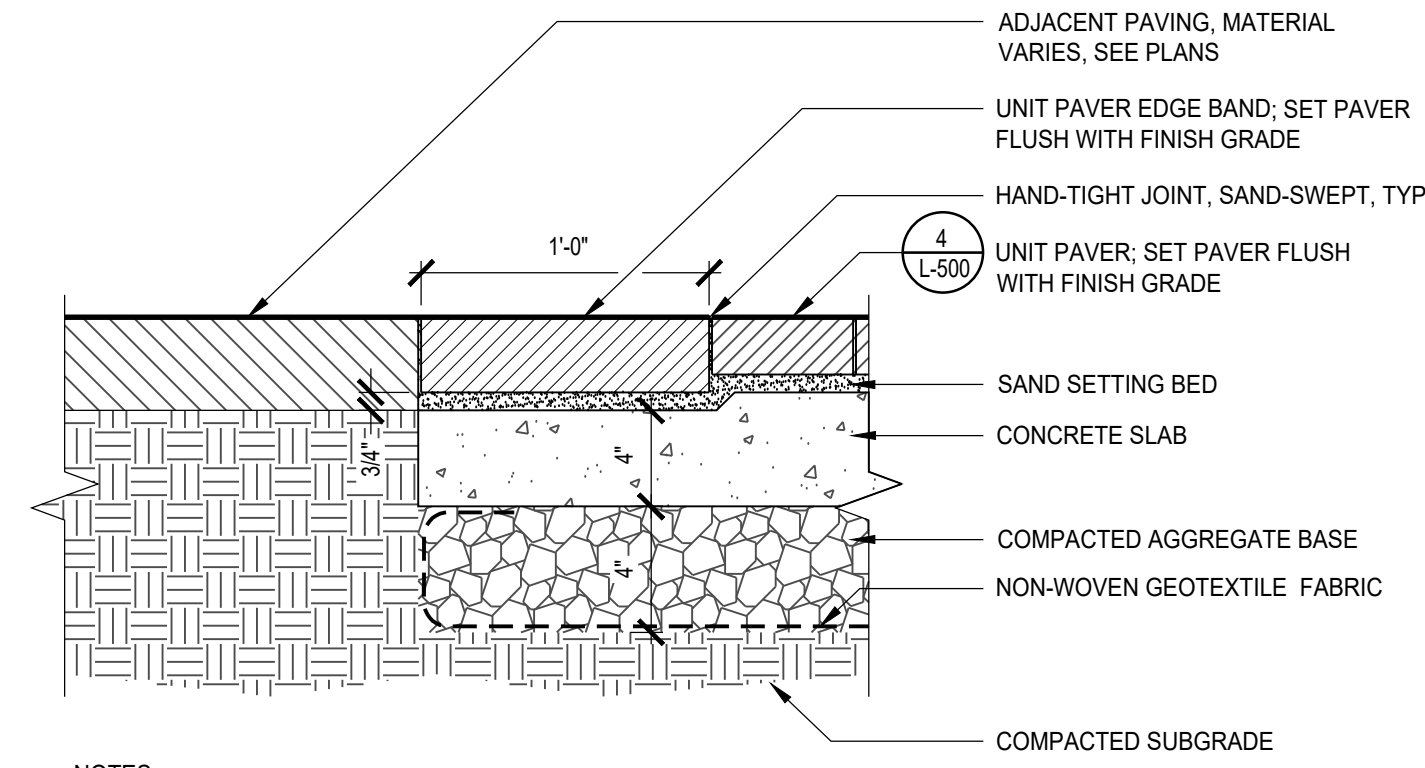
5 VEHICULAR UNIT PAVER AND EDGE RESTRAINT
L-500 1-1/2" = 1'-0"

8 NOT USED
L-500 NTS



- NOTES:**
- DO NOT CUT PAVERS EXCEPT AS NEEDED AT ENDS OF PAVER EDGE RUNS WHERE PAVERS ABUT STRUCTURES OR OTHER PAVING TYPES. NO SLIVERS (SMALLER THAN 3") WILL BE ACCEPTED.

6 UNIT PAVER EDGE RESTRAINT @ PLANT BED
L-500 1-1/2" = 1'-0"



- NOTES:**
- DO NOT CUT PAVERS EXCEPT AS NEEDED AT ENDS OF PAVER EDGE RUNS WHERE PAVERS ABUT STRUCTURES OR OTHER PAVING TYPES. NO SLIVERS (SMALLER THAN 3") WILL BE ACCEPTED.

9 UNIT PAVER EDGE BAND
L-500 1-1/2" = 1'-0"

3 NOT USED
L-500 NTS

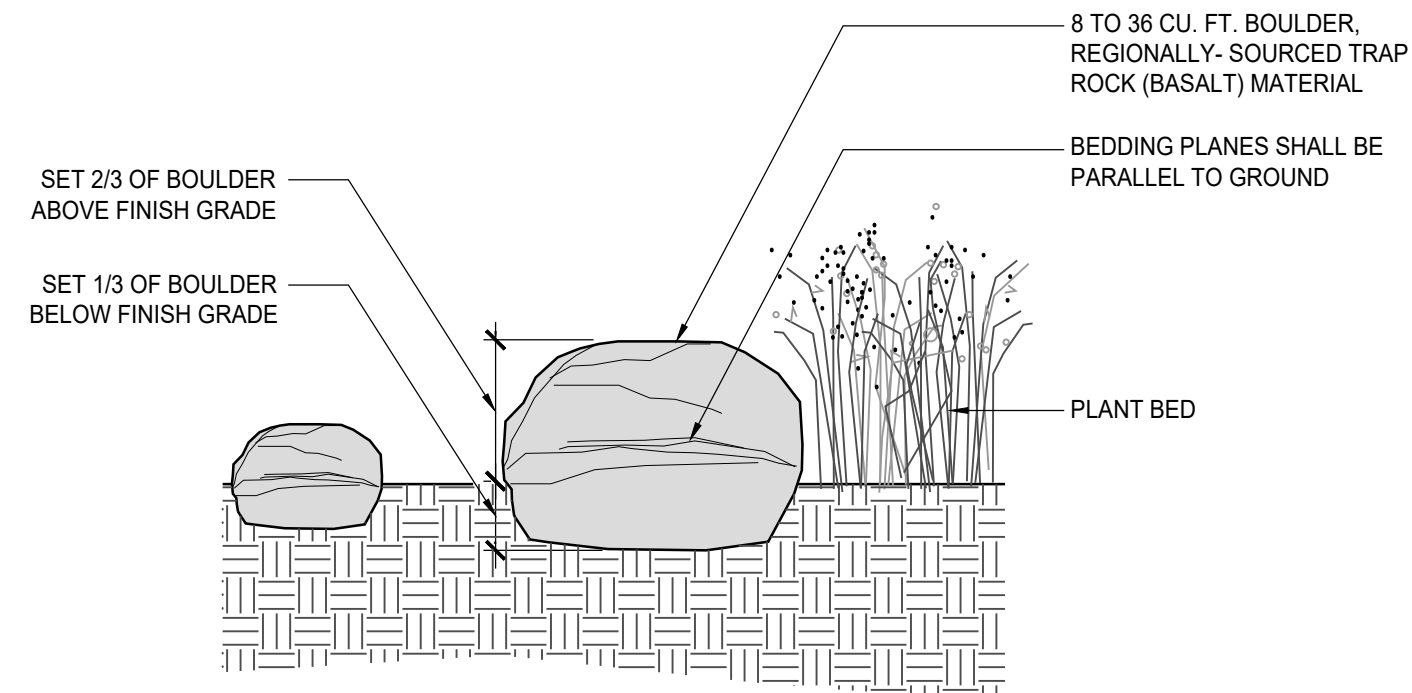
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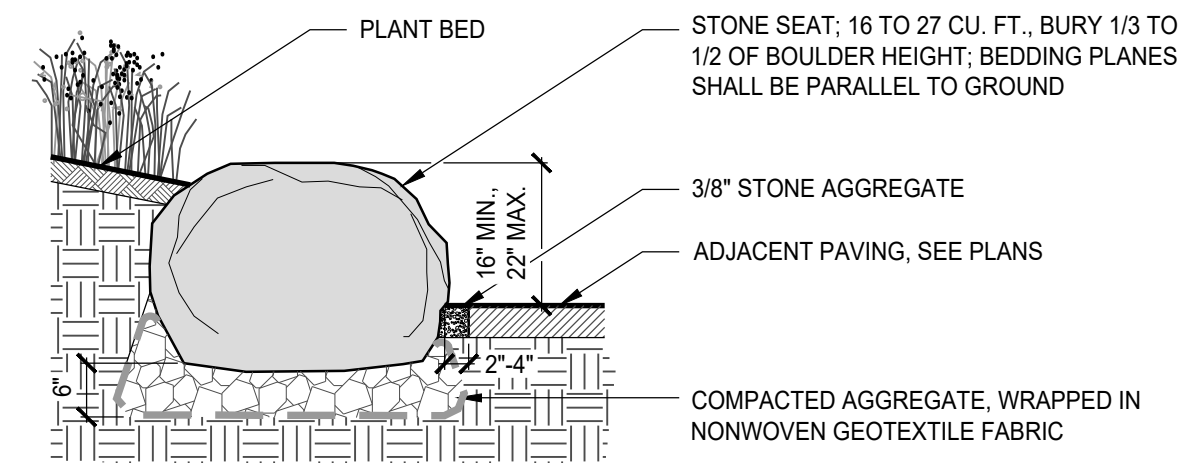
Project No.	101007201	L-500
Date	JULY 18, 2024	
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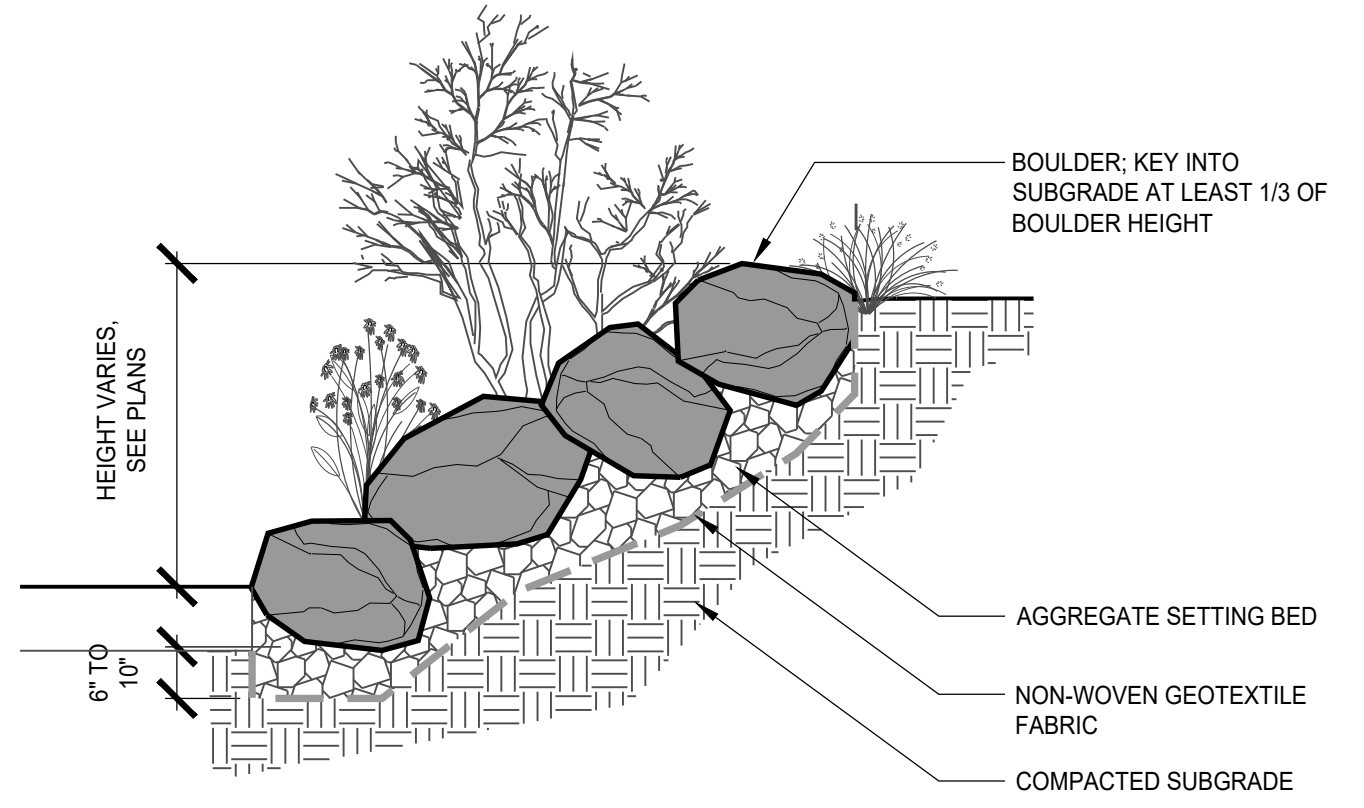
1 TYPICAL LANDSCAPE BOULDER SETTING
L-501 N.T.S.



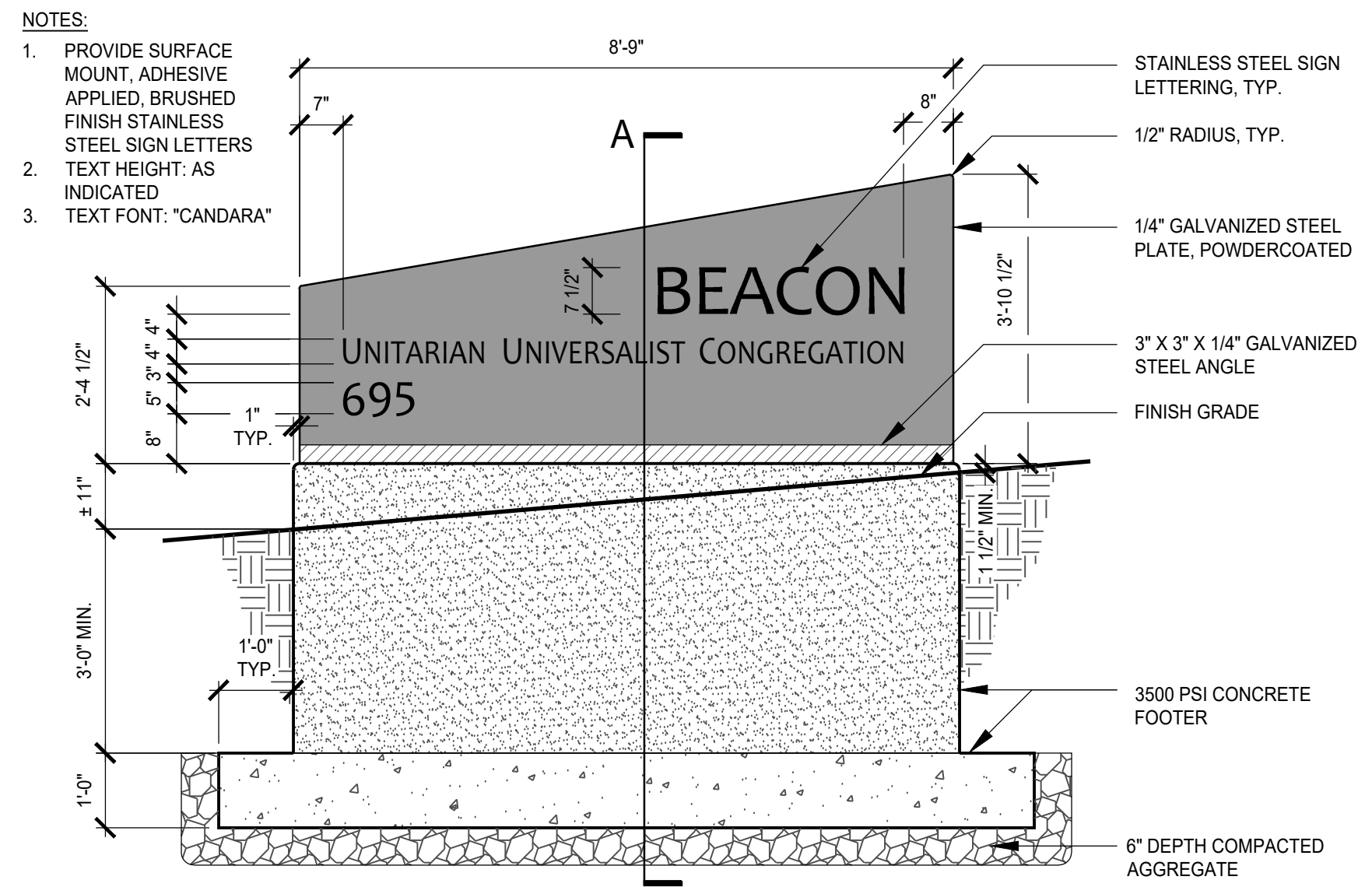
REFERENCE IMAGE
NOTE: PROVIDE REGIONALLY-SOURCED TRAP ROCK (BASALT) MATERIAL; FIELD DRESSED AS REQUIRED TO PROVIDE FLAT, LEVEL SEATING SURFACE.



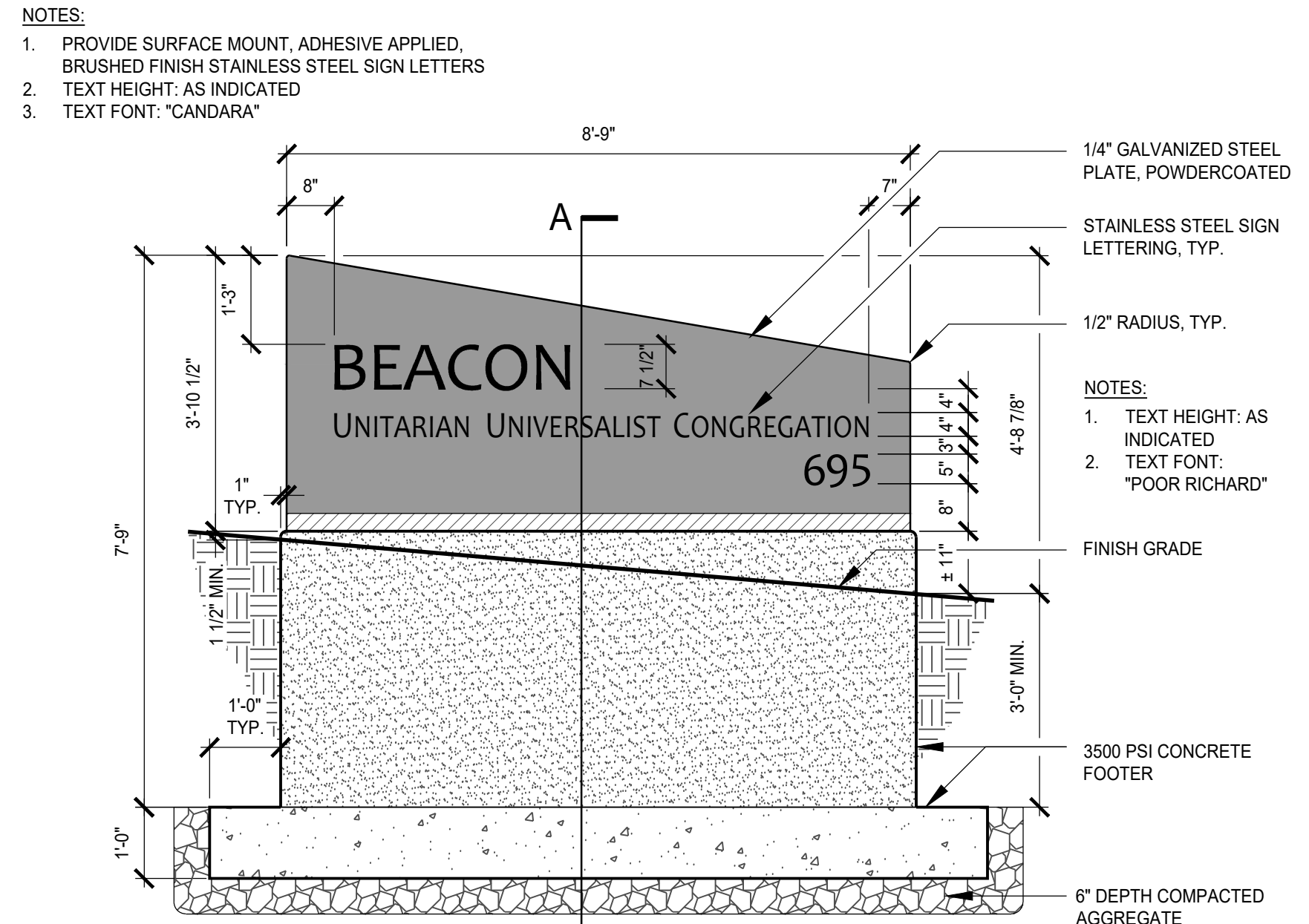
2 STONE OUTCROP SEATING
L-501 1/2" = 1'-0"



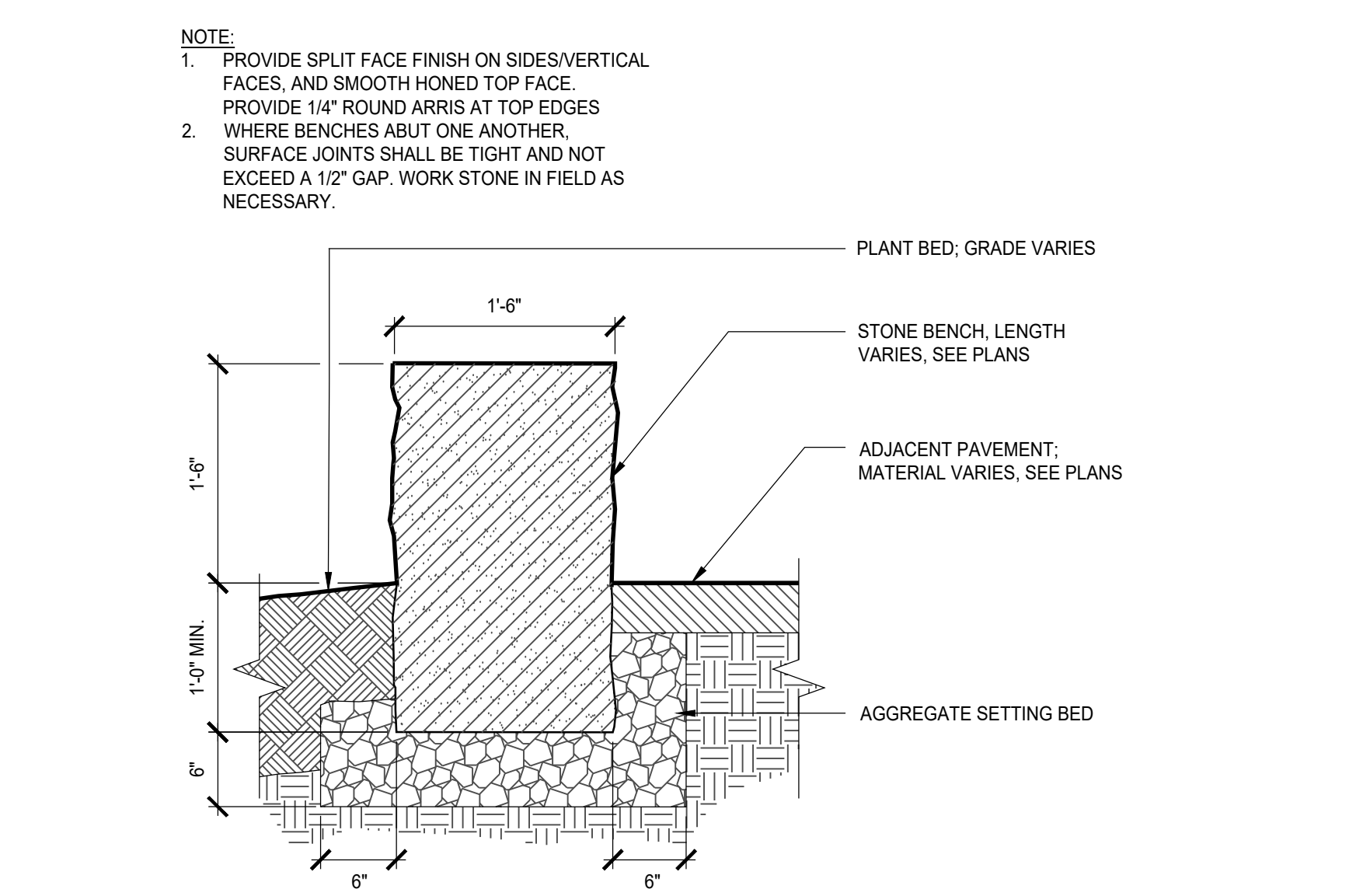
3 BOULDER ON SLOPE
L-501 1/2" = 1'-0"



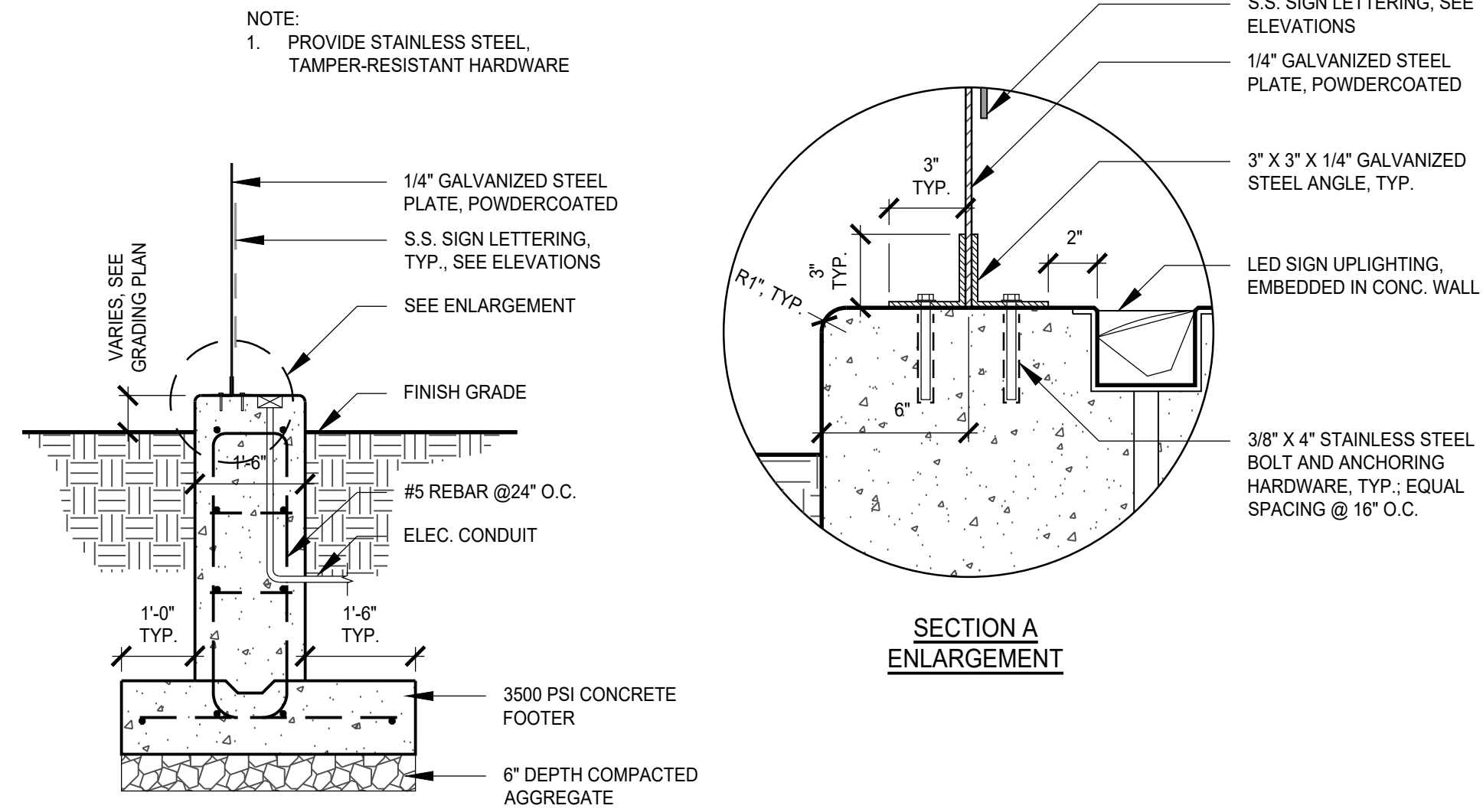
4 EASTERN ENTRY SIGNAGE
L-501 1/2" = 1'-0"



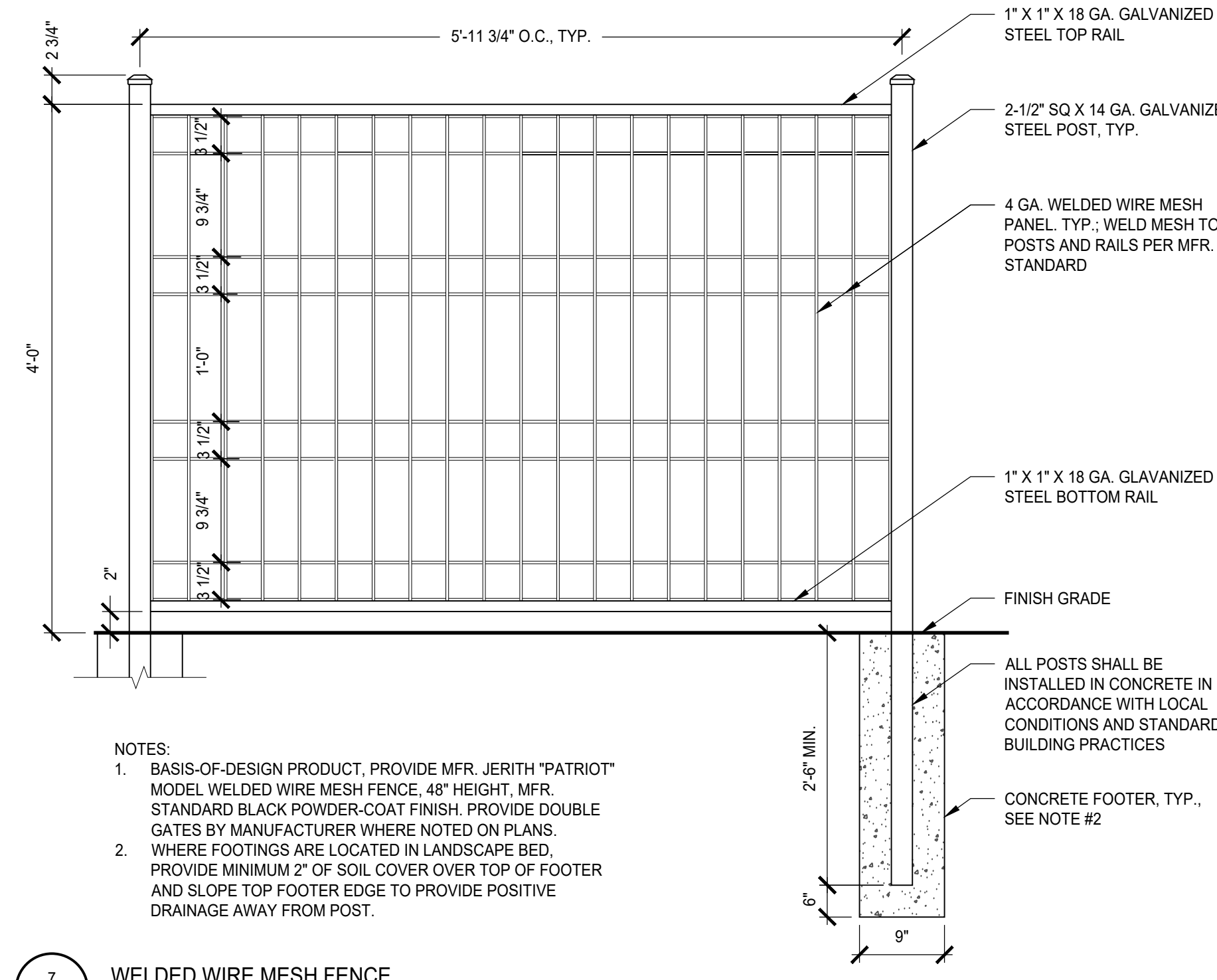
5 WESTERN ENTRY SIGNAGE
L-501 1/2" = 1'-0"



6 STONE BENCH
L-501 1" = 1'-0"



7 WELDED WIRE MESH FENCE
L-501 NTS



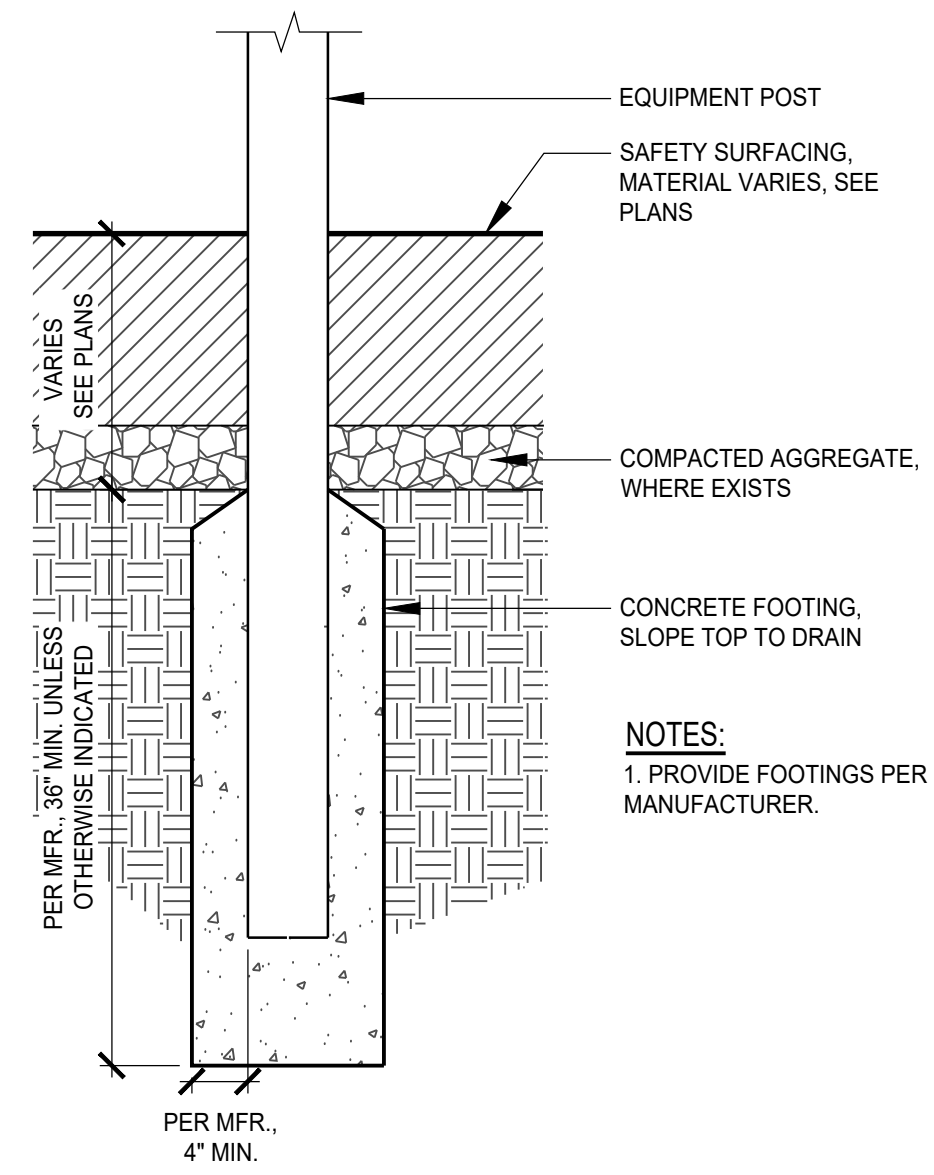
8 NOT USED
L-501 NTS

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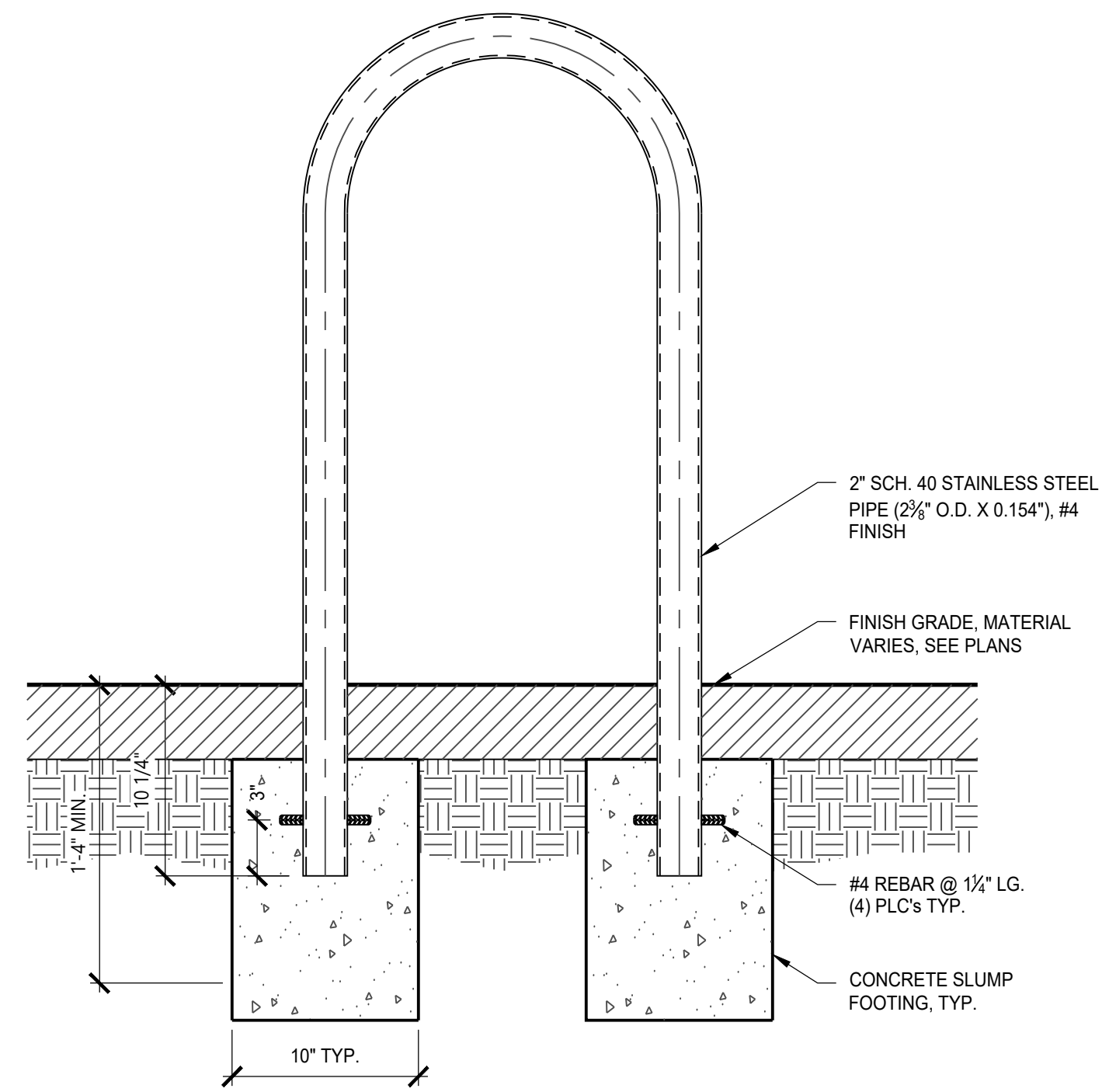
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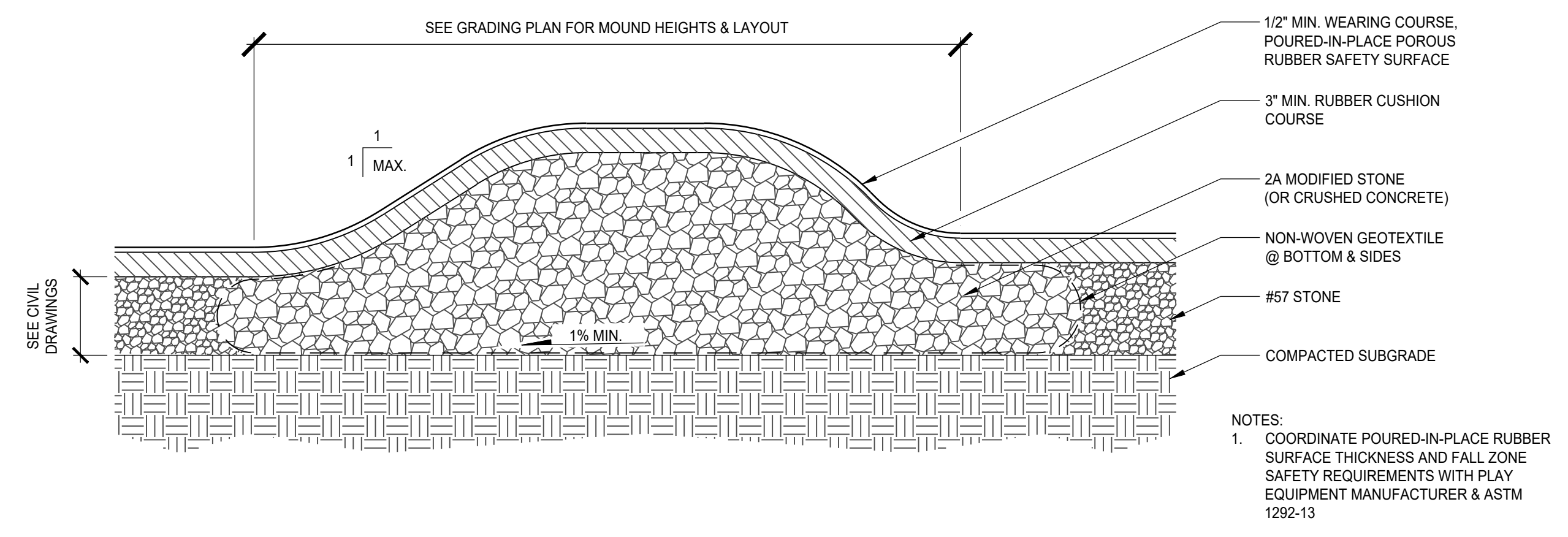
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1 PLAY STRUCTURE FOOTING
1"=1'-0"

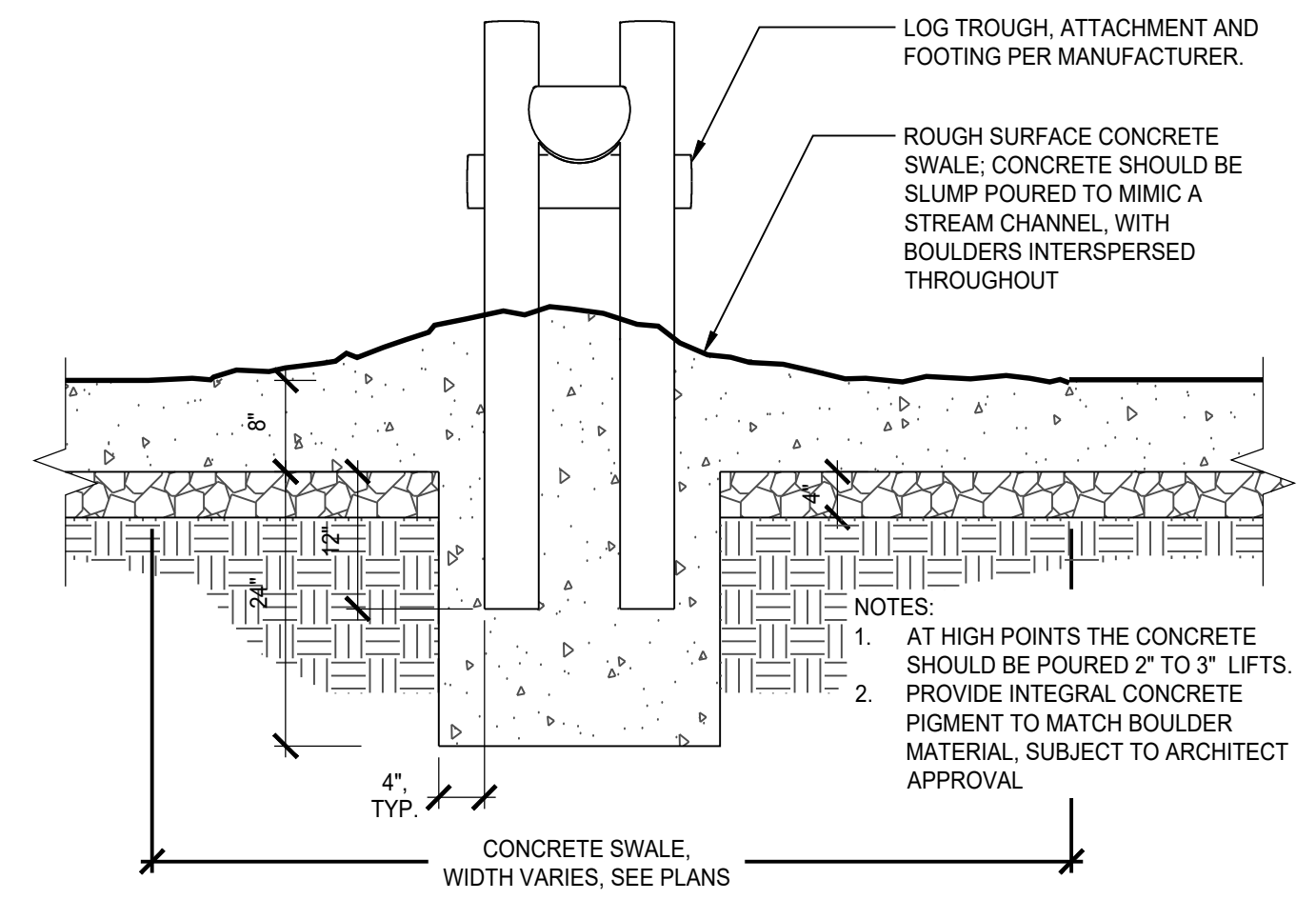


4 BIKE RACK FOOTING DERAIL
1-1/2"=1'-0"

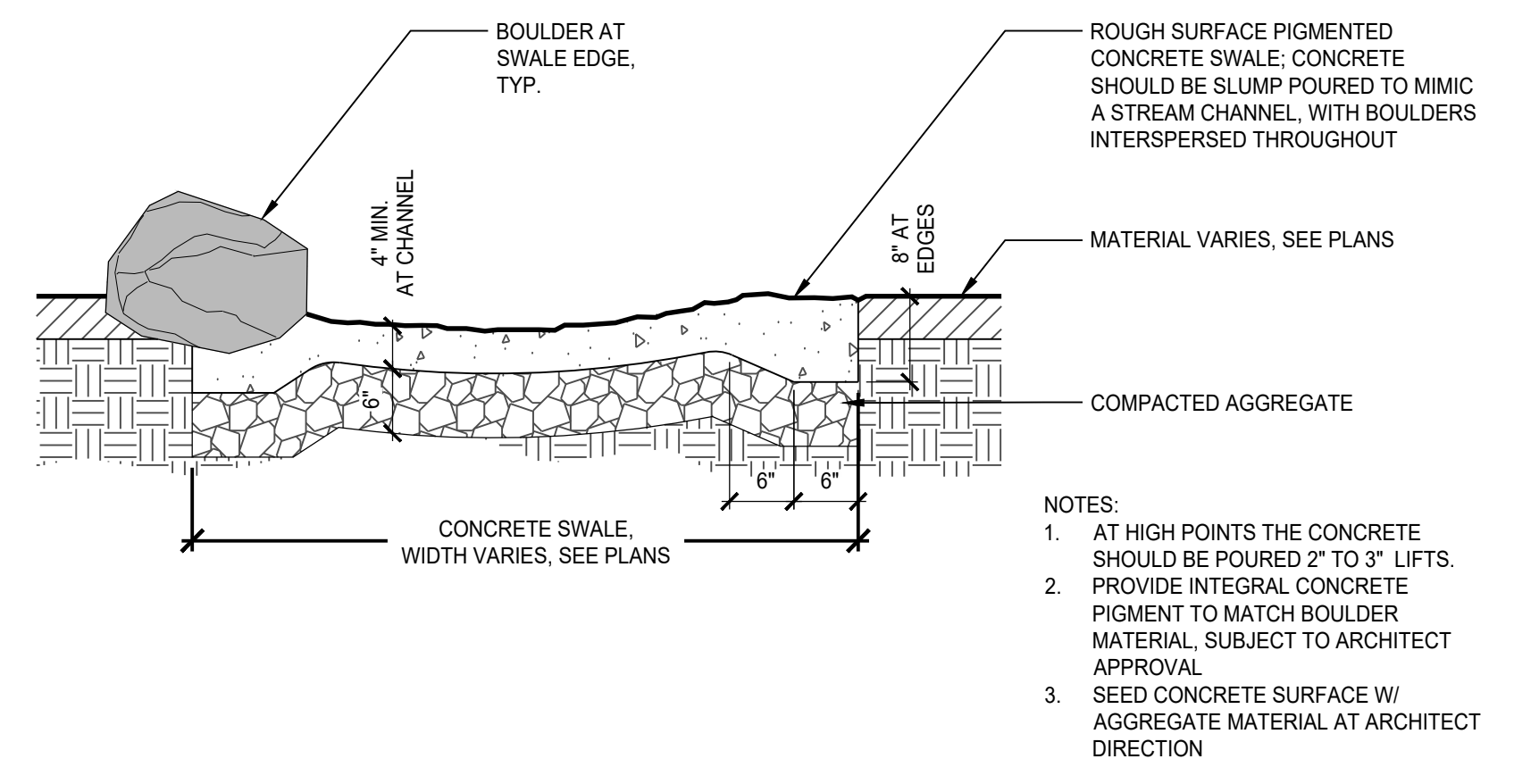


7 POROUS RUBBER MOUNDED PLAY SURFACE
1"=1'-0"

NOTES:
1. COORDINATE POURED-IN-PLACE RUBBER SURFACE THICKNESS AND FALL ZONE SAFETY REQUIREMENTS WITH PLAY EQUIPMENT MANUFACTURER & ASTM 1292-13



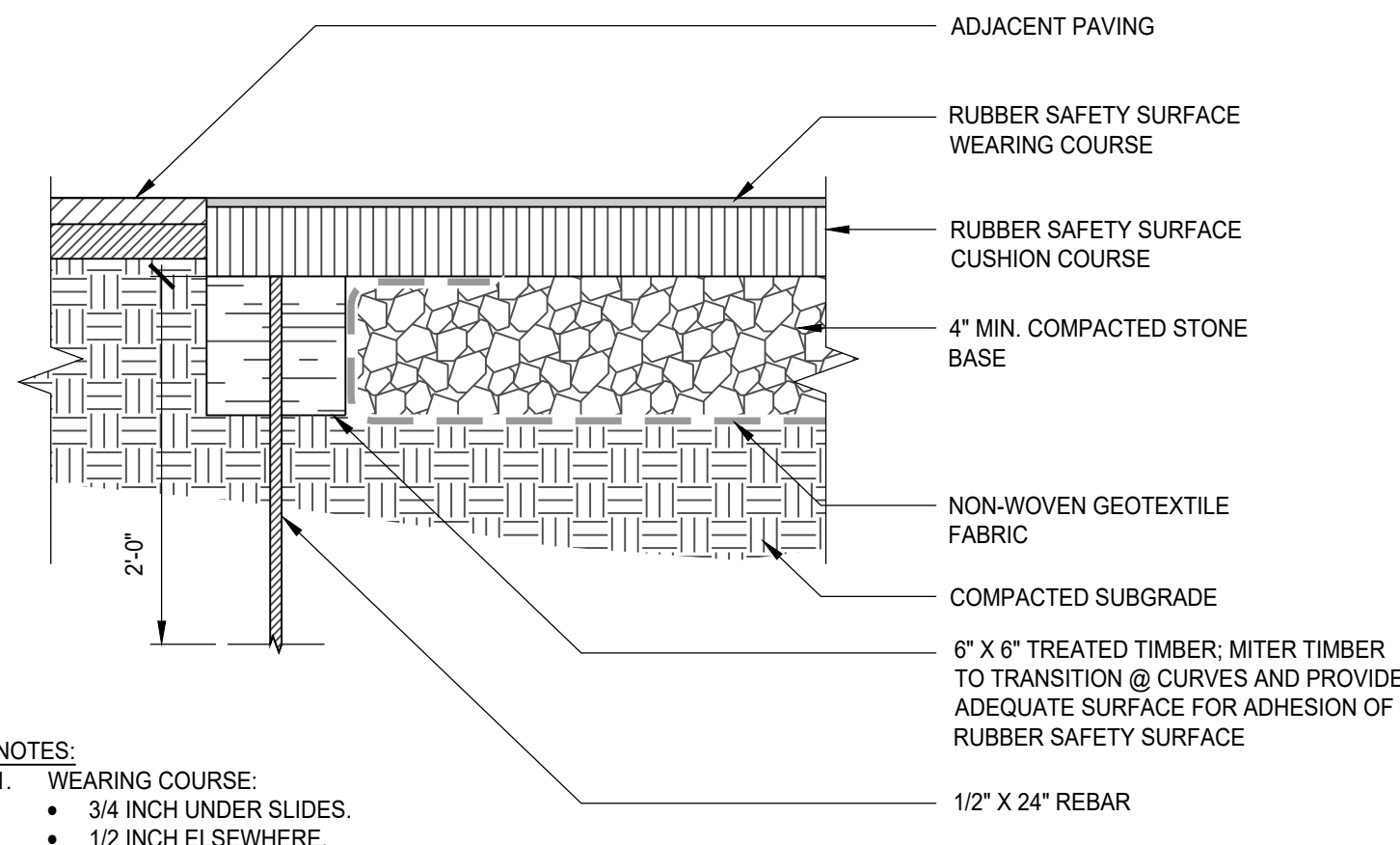
5 LOG TROUGH
3/4"=1'-0"



8 CONCRETE SWALE
3/4"=1'-0"

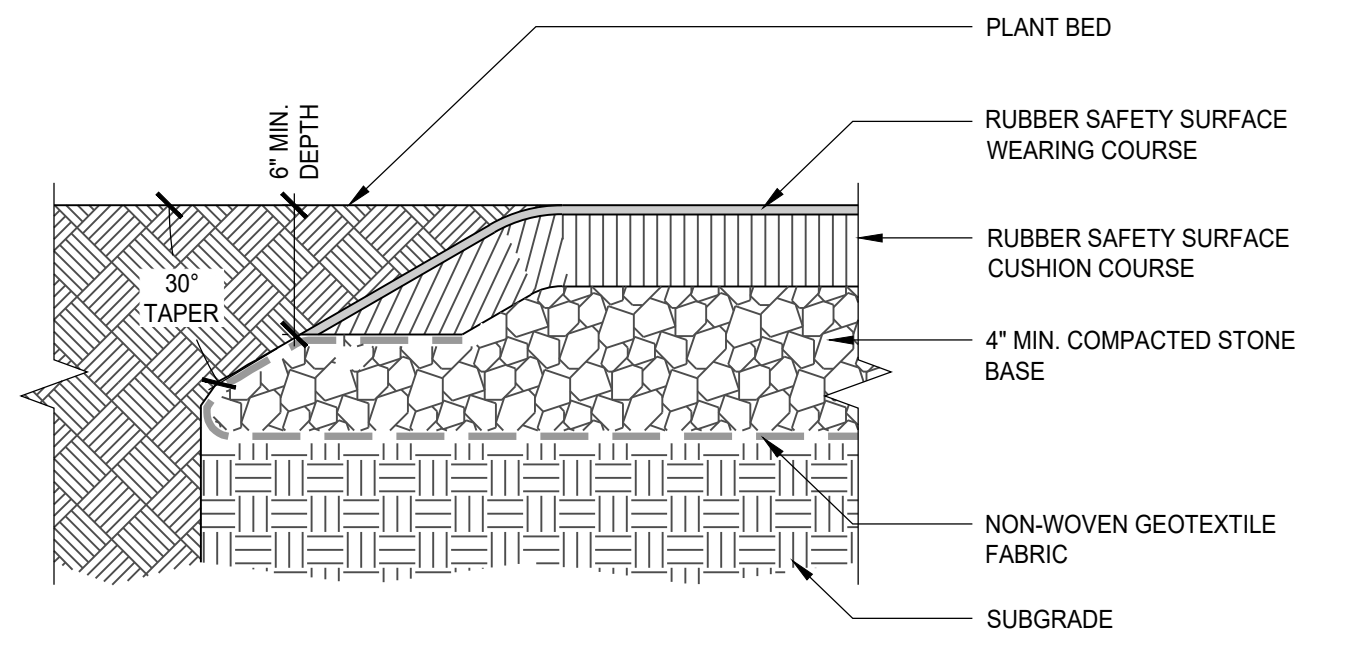
NOTES:
1. AT HIGH POINTS THE CONCRETE SHOULD BE POURED 2" TO 3" LIFTS.
2. PROVIDE INTEGRAL CONCRETE PIGMENT TO MATCH BOULDER MATERIAL, SUBJECT TO ARCHITECT APPROVAL
3. SEED CONCRETE SURFACE W/ AGGREGATE MATERIAL AT ARCHITECT DIRECTION

2 NOT USED
L-502



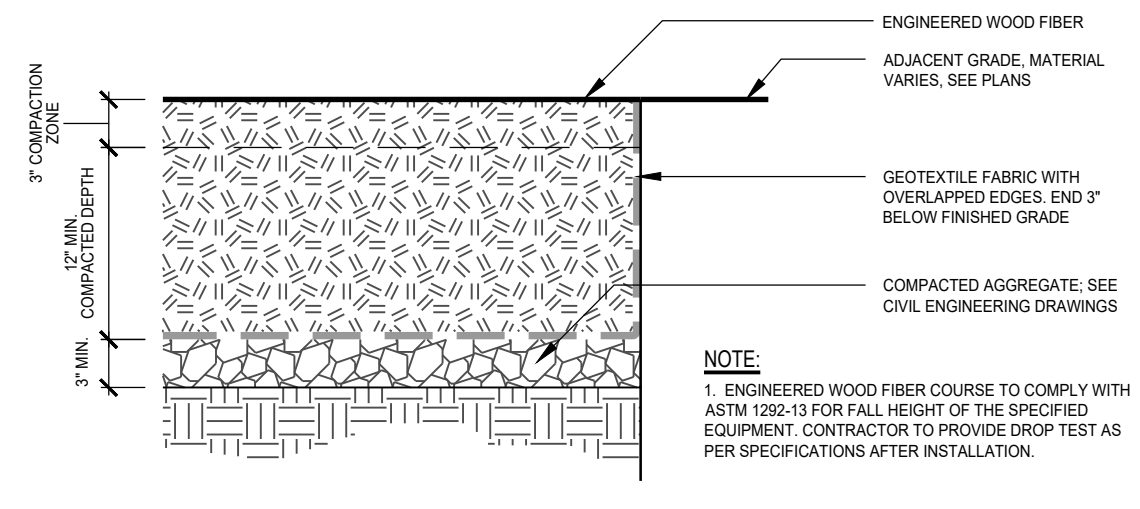
3 POURED-IN-PLACE POROUS RUBBER SAFETY SURFACE
1 1/2"=1'-0"

NOTES:
1. WEARING COURSE:
• 3/4 INCH UNDER SLIDES.
• 1/2 INCH ELSEWHERE.
2. CUSHION COURSE:
• COMPLY WITH ASTM 1292-13 FOR FALL HEIGHT OF THE SPECIFIED PLAY EQUIPMENT.
• CONTRACTOR TO PROVIDE DROP TEST AS PER SPECIFICATIONS AFTER INSTALLATION.

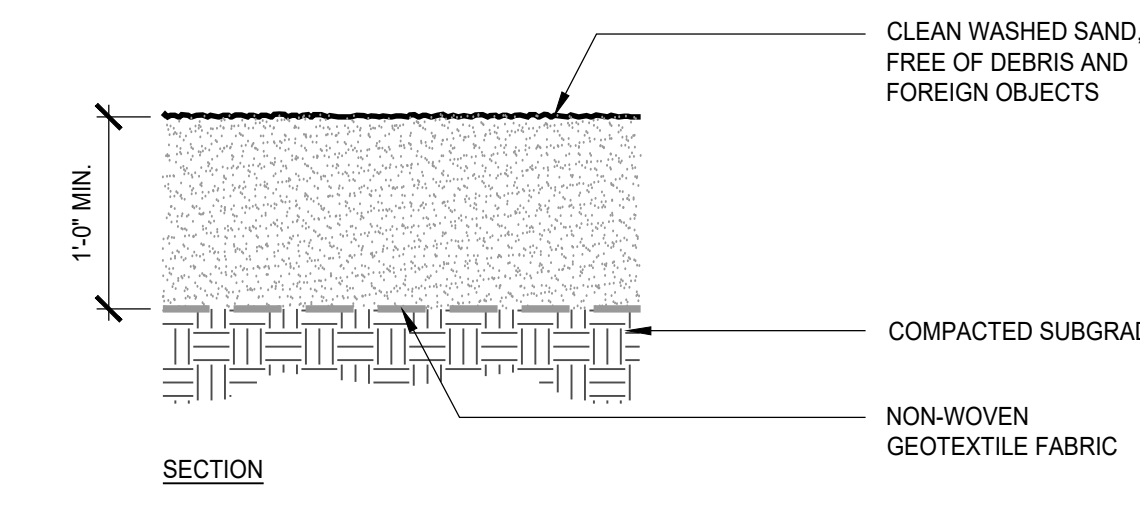


6 POURED-IN-PLACE POROUS RUBBER SAFETY SURFACE AT PLANT BED
1 1/2"=1'-0"

NOTES:
1. WEARING COURSE:
• 3/4 INCH UNDER SWINGS AND SLIDES.
• 1/2 INCH ELSEWHERE.
2. CUSHION COURSE:
• COMPLY WITH ASTM 1292-13 FOR FALL HEIGHT OF THE SPECIFIED PLAY EQUIPMENT.
• CONTRACTOR TO PROVIDE DROP TEST AS PER SPECIFICATIONS AFTER INSTALLATION.



9 ENGINEERED WOOD FIBER SAFETY SURFACING
1"=1'-0"



10 PLAY SAND SAFETY SURFACING
1"=1'-0"

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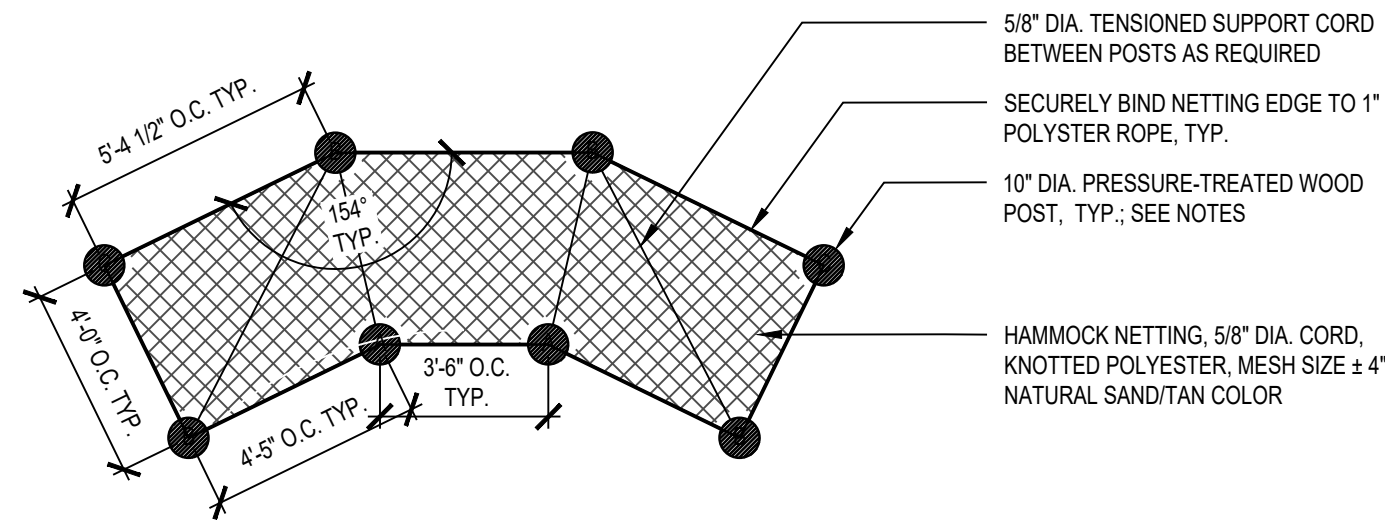
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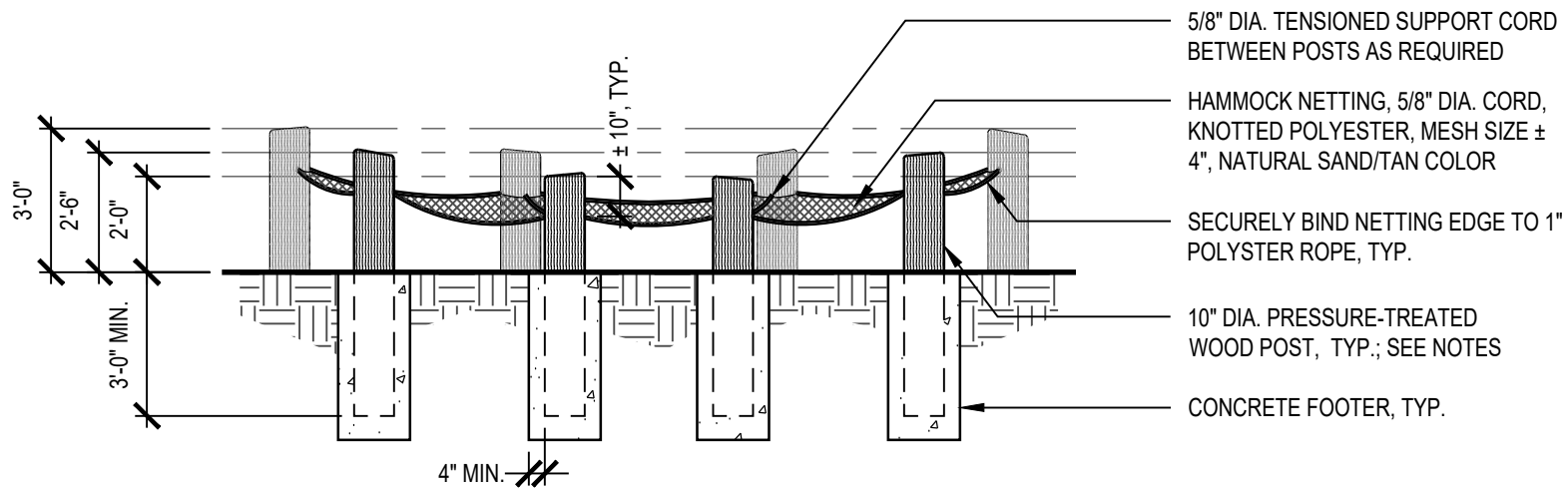
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NOTES:

- PROVIDE POST HEIGHTS AS FOLLOWS:
 - POST "A": ROPE ATTACHMENT AT 14" ABOVE GRADE
 - POST "B": ROPE ATTACHMENT AT 20" ABOVE GRADE
 - POST "C": ROPE ATTACHMENT AT 26" ABOVE GRADE
 - PROVIDE TOP OF POSTS 10" ABOVE ROPE ATTACHMENT, WITH A 5" TO 10" ANGLED CUT (ANGLE AND ORIENTATION OF CUT SHALL VARY FROM POST TO POST)
- ALL TIMBER TO BE PRESSURE TREATED WITH ACQ PRESERVE, IN ACCORDANCE WITH AWPA C1 AND P5, KILN DRYING AFTER TREATMENT TO 19 PERCENT MAXIMUM MOISTURE CONTACT.



PLAN

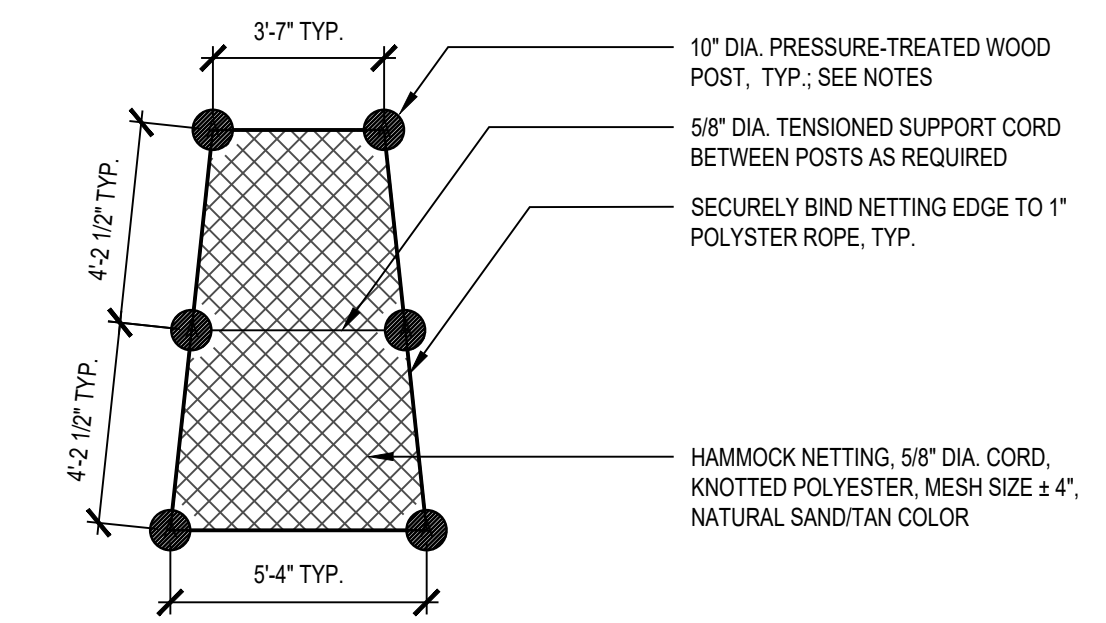


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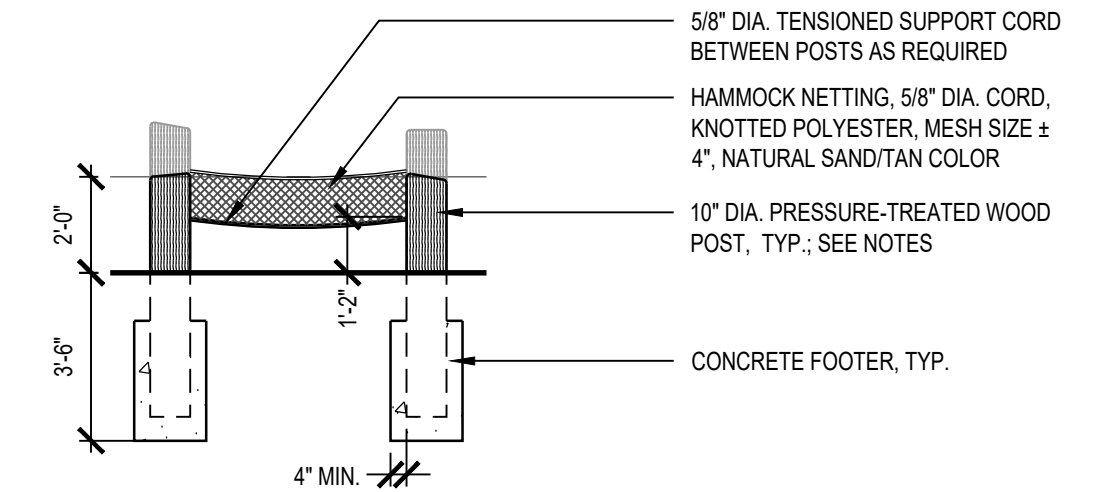
1 NET HANG
L-503 1"=1'-0"

NOTES:

- PROVIDE POST HEIGHTS AS FOLLOWS:
 - POST "A": ROPE ATTACHMENT AT 14" ABOVE GRADE
 - PROVIDE TOP OF POSTS 10" ABOVE ROPE ATTACHMENT, WITH A 5" TO 10" ANGLED CUT (ANGLE AND ORIENTATION OF CUT SHALL VARY FROM POST TO POST)
- ALL TIMBER TO BE PRESSURE TREATED WITH ACQ PRESERVE, IN ACCORDANCE WITH AWPA C1 AND P5, KILN DRYING AFTER TREATMENT TO 19 PERCENT MAXIMUM MOISTURE CONTACT.



PLAN



SECTION

2 NET CLIMB
L-503 1"=1'-0"

2 NOT USED
L-502 NTS

5 NOT USED
L-502 NTS

3 NOT USED
L-502 NTS

6 NOT USED
L-502 NTS

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