

RECHARGE PARK

CONSTRUCTION DOCUMENTATION



SITE CONTEXT MAP (NOT TO SCALE)

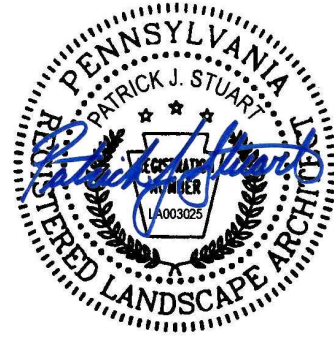
DRAWING LIST

DRAWING NO.	DRAWING TITLE			
L0.00	COVER PLAN	●	●	1
PTSP	SITE SURVEY (CIVIL PLAN)	●	●	2
L0.50	DEMOLITION PLAN	●	●	3
L1.00	SITE PLAN	●	●	4
L1.10	PAVING PLAN - (EAST)	●	●	5
L1.20	PAVING PLAN - (WEST)	●	●	6
L2.00	LAYOUT PLAN - (EAST)	●	●	7
L2.10	LAYOUT PLAN - (WEST)	●	●	8
L3.00	GRADING PLAN	●	●	9
L4.00	SITE ELEVATIONS	●	●	10
L6.00	PAVING DETAILS	●	●	11
L6.20	BOULDER DETAILS	●	●	12
L6.25	BOULDER SECTIONS	●	●	13
L6.30	SWING DETAILS	●	●	14
L6.40	FURNITURE DETAILS AND NOTES	●	●	15
L6.45	FURNITURE DETAILS AND NOTES (2)	●	●	16
LT1.00	LIGHTING PLAN	●	●	17
LT6.00	LIGHTING CUTSHEETS AND DETAILS	●	●	18
L8.00	TREE AND SHRUB PLANTING PLAN	●	●	19
L8.10	GROUNDCOVER PLANTING PLAN	●	●	20
L8.15	SEASONAL DETAILS PLANTING PLAN	●	●	21
L8.20	SOILS PLAN	●	●	22
L9.00	PLANTING SCHEDULES AND DETAILS	●	●	23

SHEET ISSUANCE DATE
2025.05.23 - DRAFT CONSTRUCTION DOCUMENTS
2025.06.12 - CONSTRUCTION DOCUMENTS



SEAL



LICENSE #: LA003025

TEAM

LANDSCAPE ARCHITECT
STUART AND ASSOCIATES, LLC.
860 FIRST AVENUE, SUITE 9B
KING OF PRUSSIA, PA 19406
TEL. 610.337.2100

OWNER

KING OF PRUSSIA DISTRICT
234 MALL BOULEVARD SUITE 150
KING OF PRUSSIA, PA 19406
484.681.9452

PROJECT NAME

RECHARGE PARK

FIRST AVENUE AND FREEDOM
BUSINESS CENTER DRIVE
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE N.T.S.

DATE 05.23.2025

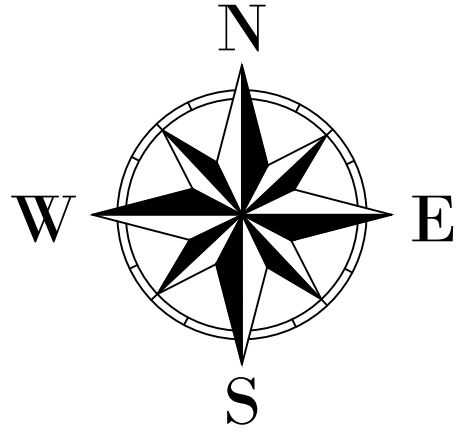
PLOTTED DATE 06.12.2025

DRAWING NAME

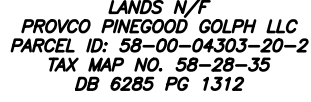
COVER PLAN

DRAWING NUMBER
SHEET NUMBER

L0.00
1 OF 23



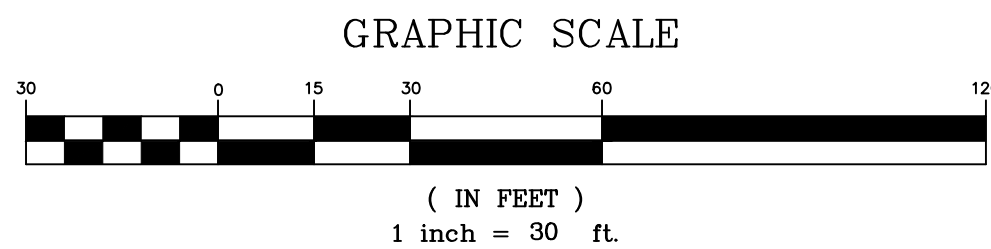
DESIGN S/N: 20242543636



AI	ALANTHUS	MB	MULBERRY
AS	ASH	MG	MAGNOLIA
AV	ARBORVITAE	MJ	J. MAPLE
BE	BEECH	OK	OAK
BR	BIRCH	P	PINE
CD	CEDAR	SA	SASSAFRAS
CH	CHESTNUT	SG	SWEETGUM
CY	CHERRY	SP	SPRUCE
DC	DOGWOOD	SW	SOURWOOD
DN	FRUIT	SY	SYCAMORE
FB	HACKBERRY	TL	TUPELO
HB	HACKBERRY	TU	TULIP POPLAR
HK	HICKORY	WA	WALNUT
HM	HEMLOCK	WI	WILLOW
HY	HOLLY	WP	WHITE PINE
MA	MAPLE		
KD	KOUASA DOGWOOD		

THIS SURVEY IS NOT TO BE USED FOR
TREE REMOVAL ALONG PROPERTY LINES.
TREE LOCATIONS ARE APPROXIMATE. FOR
TREE REMOVAL PURPOSES, PROPERTY LINES
MUST BE FIELD MARKED WITH STAKES SET
TO ESTABLISH EXACT TREE OWNERSHIP.

— — — — —	SUPPLEMENTAL CONTOUR (1' INTERVAL)
— — — — —	INDEX CONTOUR (5' INTERVAL)
— — — — — ST	EXISTING STORM SEWER PIPING
— — — — — S	EXISTING SANITARY SEWER PIPING
— — — — — S	EXISTING GAS MAIN
— — — — — M	EXISTING WATER MAIN / SERVICE
— — — — — T	EXISTING UNDERGROUND TELEPHONE
— — — — — OVER	EXISTING OVERHEAD ELECTRIC WIRE
~~~~~	EXISTING EDGE OF WOODS
—————	EXISTING EDGE OF PAVEMENT
————— X —————	EXISTING FENCE LINE
—————	PROPERTY LINE
—————	BUILDING SETBACK LINE
-----	EXISTING EAVES
CONC.	CONCRETE
DWS	DETECTABLE WARNING STRIP
⊙ UP	UTILITY POLE
○	SIGN
⊙ LP	LIGHT POLE
○ WV	WATER VALVE
○ CO	CLEAN OUT (UTILITY UNKNOWN)
○ SAN VENT	SANITARY VENT
○ SAN CO	SANITARY CLEAN OUT
○ GV	GAS VALVE



1. PARCEL INFORMATION: PARCEL NUMBER: 58-00-04303-00-4 Block 58-28 Unit 002 DEED BOOK 5217 PAGE 753

2. BOUNDARY SHOWN IS BASED ON DEEDS OF RECORD ONLY AND DOES NOT REPRESENT A BOUNDARY SURVEY BY THIS OFFICE.

3. CONTOURS PLOTTED FROM FIELD RUN SURVEY. ELEVATION BENCHMARK BASED ON STORM MANHOLE FROM REFERENCED PLAN A, LISTED BELOW. BM ELEVATION 148.85.

4. THIS SURVEY IS NOT TO BE USED FOR TREE REMOVAL ALONG PROPERTY LINES. TREE LOCATIONS ARE APPROXIMATE. PROPERTY LINES MUST BE FIELD MARKED WITH STAKES SET TO ESTABLISH EXACT TREE OWNERSHIP.

5. ALL TREE SIZES AND SPECIES ARE APPROXIMATE IN NATURE. TREES ARE MEASURED AT DBH. MULTI-STEMMED TREES ABOVE DBH HAVE NOT BEEN EVALUATED.

6. THERE IS NO IDENTIFIABLE FEMA FLOOD PLAIN AREA WITHIN THE PROJECT SITE AS ILLUSTRATED ON COMMUNITY PANEL NUMBER 420957 0331G OF THE FLOOD INSURANCE RATE MAP AS PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY FOR THE TOWNSHIP OF UPPER MERION, PENNSYLVANIA.

7. EXISTING SUBSURFACE UTILITY INFORMATION INDICATED IS BASED UPON VISUAL FIELD INSPECTION BY SITE SURVEYING, LLC. SUCH INFORMATION CONCERNING THE SIZE, LOCATION, DEPTH, QUANTITY, ETC. OF SUBSURFACE UTILITIES IS APPROXIMATE IN NATURE AND HAS BEEN GIVEN AS A SUPPLEMENT TO THE SITE SURVEY. THE INFORMATION PROVIDED IS REPRESENTATIVE OF SUBSURFACE CONDITIONS ONLY AT LOCATIONS AND DEPTHS WHERE SUCH INFORMATION WAS OBTAINED. THERE IS NO EXPRESSED OR IMPLIED GUARANTEE THAT UTILITY SIZE, LOCATION, DEPTH, QUANTITY, ETC. AS SHOWN EXISTS BETWEEN LOCATIONS. ACCORDINGLY, UTILITY INFORMATION SHOWN SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. IT IS INCIDENT UPON THE CONTRACTOR TO VERIFY THE SIZE, LOCATION, DEPTH, QUANTITY, ETC. OF ALL UTILITIES BEFORE EXCAVATION. THE EXISTENCE AND/OR LOCATION OF ALL SUBSURFACE UTILITIES ARE NOT WARRANTED. NO GUARANTEE IS MADE THAT UNDERGROUND UTILITIES ARE ACCURATELY OR COMPLETELY SHOWN HEREON.

8. PLANS REFERENCED:

A. PROPOSED TOP GOLD DEVELOPMENT PRELIMINARY/FINAL SUBDIVISION AND LAND DEVELOPMENT PLANS PREPARED BY BOHLER ENGINEERING, DATED 03-15-2019.

B. PRELIMINARY/FINAL LAND DEVELOPMENT AND CONDITIONAL USE PLANS FOR PARKVIEW TOWNHOMES LOCATED AT PREPARED BY BOHLER ENGINEERING, DATED 03-15-2019.

C. KING OF PRUSSIA DISTRICT DRAWINGS AUTHORIZING ACQUISITION OF RIGHT-OF-WAY FOR STATE ROUTE 6350 SECTION MT/ R/W. SHEET 5 OF 18. DATED 04-16-2019.

D. COMPOSITE SITE PLAN OF FREEDOM BUSINESS CENTER, PREPARED BY THE KLEINER, KUNZ, SANDERS, INC. DATED 08-31-1990. LAST REVISED 10-10-1990.

E. BUILDING 23 RENOVATION PLAN PREPARED BY STV/SANDERS & THOMAS. DATED 05-11-1986.


NUM.	DATE	REVISION
------	------	----------

*SITE ENGINEERING CONCEPTS, LLC*  
P.O. BOX 1992  
SOUTHEASTERN, PA 19399

P: 610-240-0450      F: 610-240-0451      E: [INFO@SITE-ENGINEERS.COM](mailto:INFO@SITE-ENGINEERS.COM)

PLAN PREPARED FOR:
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KING OF PRUSSIA DISTRICT

640 FREEDOM BUSINESS CENTER DRIVE,  
KING OF PRUSSIA, PA

UPPER MERION TOWNSHIP      MONTGOMERY COUNTY      PENNSYLVANIA

PARTIAL

PARTIAL SHEET

TOPOGRAPHIC

SURVEY PLAN

SCALE: 1"=30'

			SCALE: 1"=50'
FIELD DATE	FIELD CREW	DRAFTED BY	REVIEWED BY

2024-09-30 & 2024-10-01&02	SJS	SJS	[SNM]
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ROBERT M. LAMBERT, P.E.  
PE060743

FIELD DATE
2024-09-30 & 2024-10-01&02

FIELD CREW	DRAFTED BY
SJS	SJS

	REVIEWED BY
	[SNM]





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BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

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CHECKED BY PJS

SCALE 1" = 20'

DATE 05.23.2025

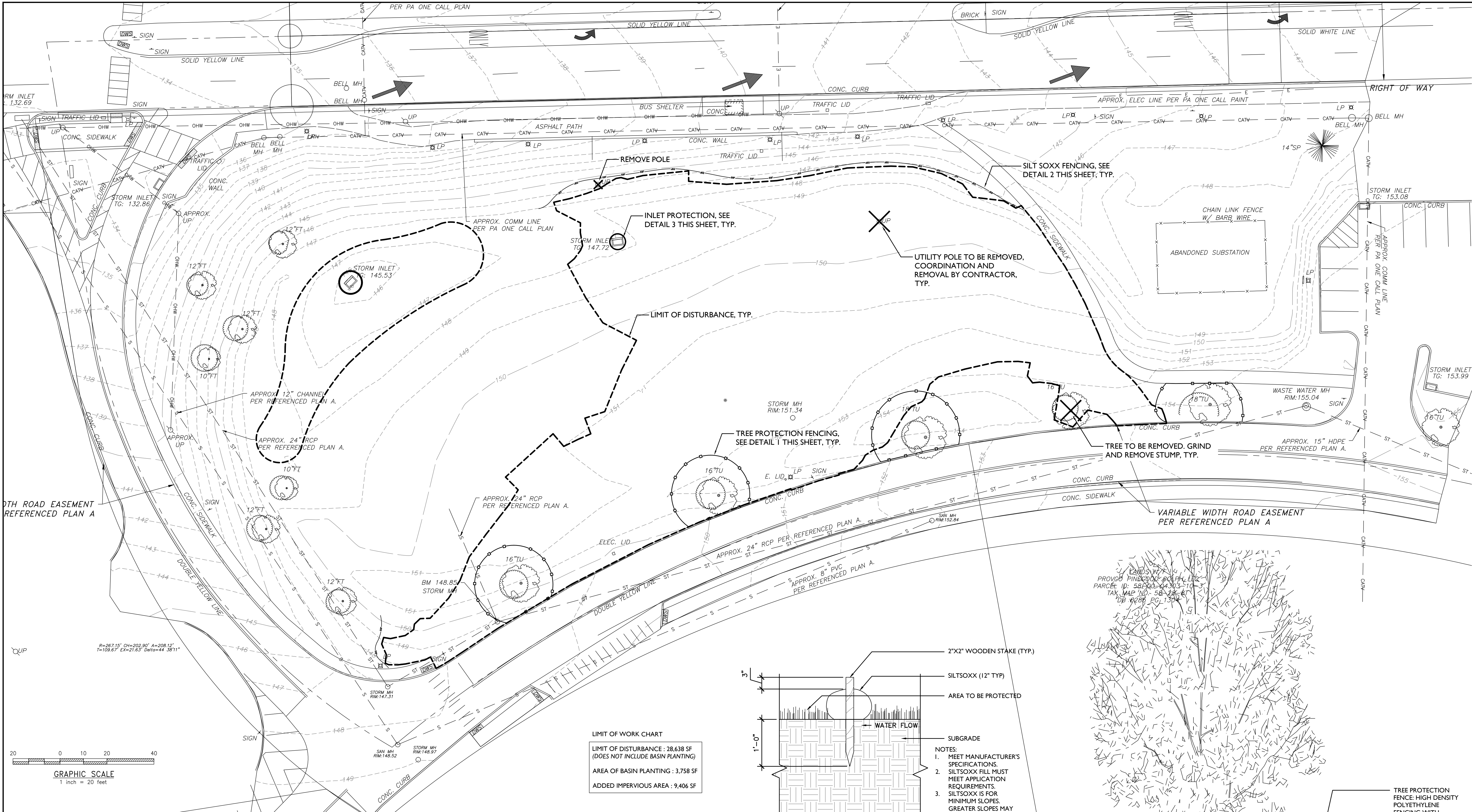
PLOTTED DATE 06.12.2025

DRAWING NAME

## DEMOLITION PLAN

DRAWING NUMBER  
SHEET NUMBER

**L0.50**  
3 OF 23



### SITE PLAN NOTES:

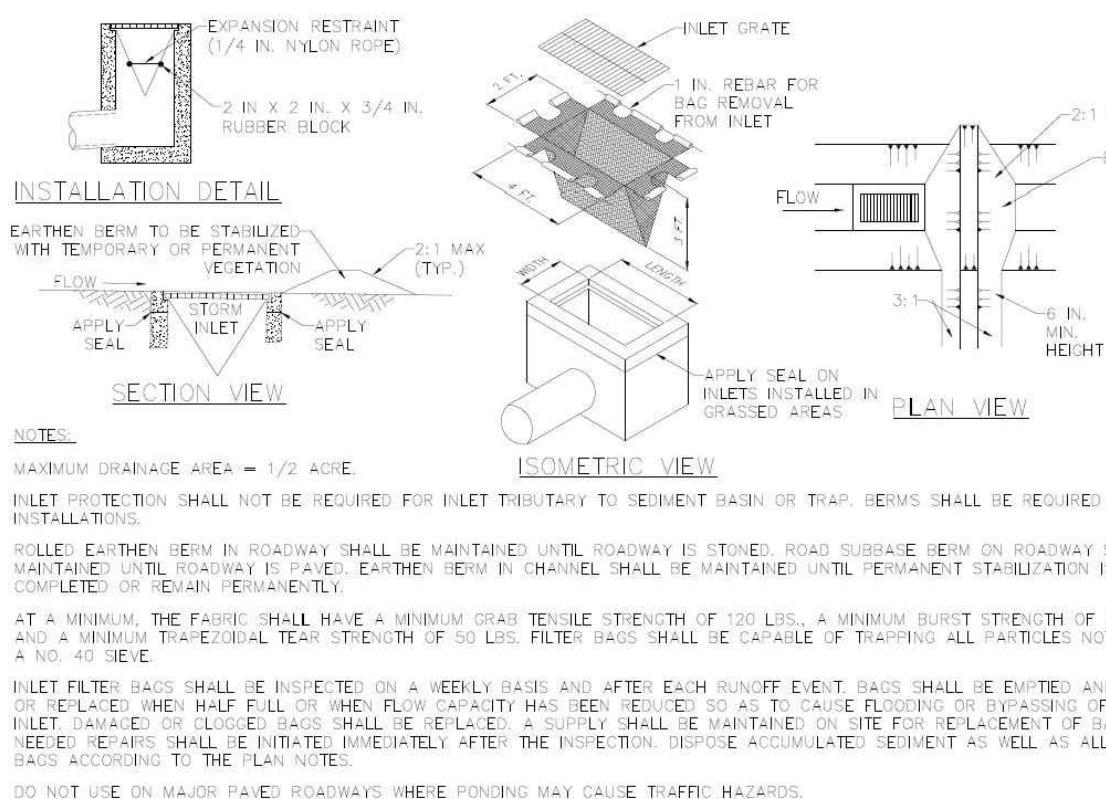
- ALL LINES AND GRADE WORK NOT PRESENTLY ESTABLISHED AT THE SITE SHALL BE LAID OUT BY A REGISTERED LAND SURVEYOR OR PROFESSIONAL CIVIL ENGINEER EMPLOYED BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THIS PLAN TO BE USED FOR LANDSCAPING AND SITE IMPROVEMENT PURPOSES ONLY.
- PLANS CREATED FROM DRAWINGS FROM SITE ENGINEERING CONCEPTS DATED 01/02/2025.
- LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED AND MARKED IN THE FIELD, PRIOR TO ANY DIGGING OPERATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING TREES AND PLANT MATERIAL WITHIN THE AREA OF PROPOSED IMPROVEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS OFF-SITE, CLEAN-UP OF ALL PAVED AREAS (ROADWAYS, SIDEWALKS, ETC.), AND RESTORATION OF ALL DISTURBED LAWN AREAS.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE TO UNDERGROUND UTILITIES DAMAGED.
- CONTRACTOR SHALL PROVIDE SCREENED PLANTING SOIL WHERE PLANTING IS TO OCCUR. 36" DEPTH, 6" DEPTH AT LAWN AREAS.
- FOLLOWING COMPLETION OF ALL PLANTING INSTALLATION WORK, THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL DISTURBED LAWN AREAS.
- NO TREE SHALL BE PLANTED CLOSER THAN 10 FEET FROM AN UNDERGROUND UTILITY.
- ALL LINES ARE PARALLEL OR PERPENDICULAR UNLESS SHOWN OTHERWISE.
- VERIFY LAYOUT OF ALL PROPOSED WORK TO EXISTING CONDITIONS. REPORT DISCREPANCIES BEFORE ANY CLEARING OR EXCAVATION IS DONE.
- PROVIDE STAKED LAYOUT ON SITE FOR OWNER AND LANDSCAPE ARCHITECT'S REVIEW PRIOR TO COMMENCING WORK.
- ALL DIMENSIONS SHOWN ARE TO FACE OF MATERIALS, UNLESS SHOWN OTHERWISE.
- PLEASE NOTE: CLIENT DID NOT RETAIN STUART AND ASSOCIATES, INC. TO PROVIDE LONG TERM MAINTENANCE SPECIFICATIONS FOR THE LANDSCAPE MATERIAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING PA ONE CALL AND LOCATING ALL UNDERGROUND UTILITIES BEFORE ANY DIGGING OR PLANT REMOVAL OCCURS.
- CONTRACTOR SHALL INSTALL SILT FENCE IN ANY AREAS WHERE SOIL MAY RUNOFF INTO PARKING AREAS OR INTO EXISTING INLETS.
- FOLLOWING THE COMPLETION, THE EXISTING VEGETATION WILL BE INSPECTED FOR HEALTH AND QUALITY, AND IF NOT DEEMED IN GOOD CONDITION, REPLACED WITH THE EQUIVALENT COMPENSATORY PLANTINGS.
- V.I.F. = VERIFY IN FIELD.

### DEMOLITION PLAN LEGEND

- LIMIT OF DISTURBANCE
- SILT SOXX FENCING
- TREE PROTECTION FENCING
- EXISTING TREE/ELEMENT TO BE REMOVED
- INLET PROTECTION

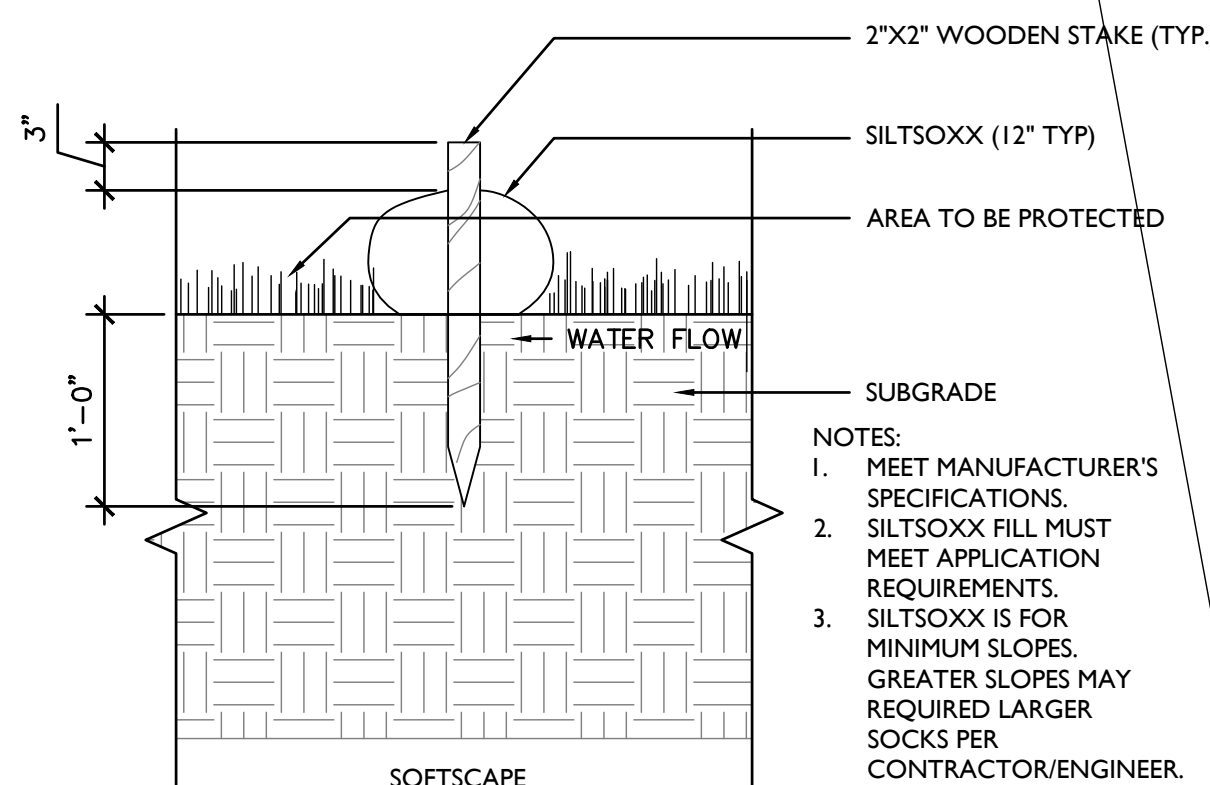
### 3 INLET PROTECTION DETAIL, TYP.

SCALE: N.T.S.



### 2 SILT SOXX DETAIL, TYP.

SCALE: 1" = 1'-0"



### NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST FILTER SOCK SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

### INSTALLATION SEQUENCE:

- PREPARE SURFACE BY REMOVING ANY DEBRIS AND ENSURING A SMOOTH CONSISTENT SURFACE IS PROVIDED.
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

### MAINTENANCE NOTES:

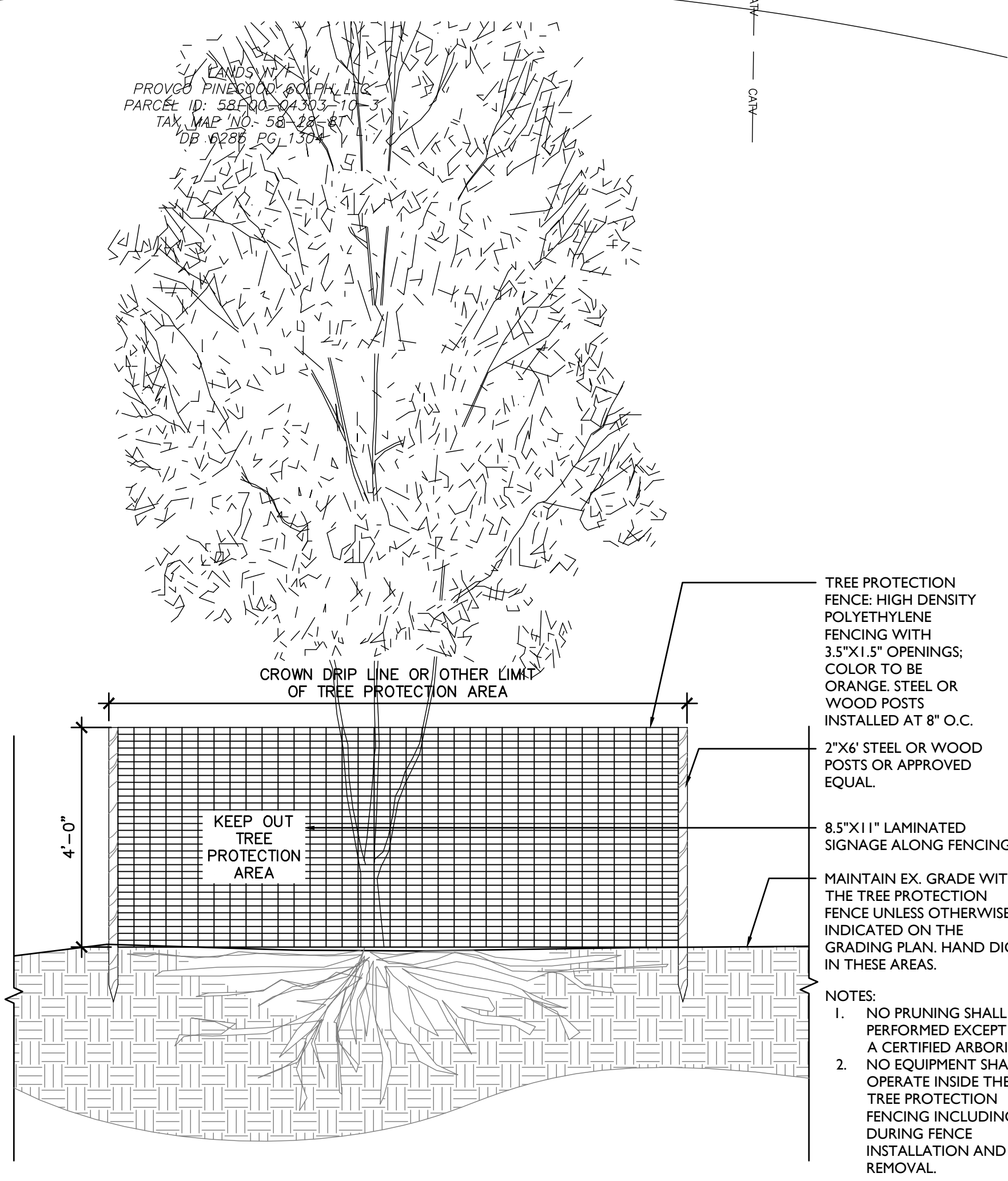
- COMPOST FILTER SOCKS SHALL BE INSPECTED DAILY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

### INSPECTIONS:

INSPECTIONS MUST BE PERFORMED AFTER EACH RUNOFF EVENT AND ON A DAILY BASIS. ALL SITE INSPECTIONS WILL BE DOCUMENTED IN AN INSPECTION LOG KEPT FOR THIS PURPOSE. THE COMPLIANCE ACTIONS AND THE DATE, TIME AND NAME OF THE PERSON CONDUCTING THE INSPECTION, THE INSPECTION LOG WILL BE KEPT ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE DISTRICT UPON REQUEST.

### 1 TREE PROTECTION FENCING, TYP.

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



TREE PROTECTION FENCE: HIGH DENSITY POLYETHYLENE FENCING WITH 3.5"X1.5" OPENINGS; COLOR TO BE ORANGE. STEEL OR WOOD POSTS INSTALLED AT 8" O.C.

2"X6" STEEL OR WOOD POSTS OR APPROVED EQUAL.

8.5"X11" LAMINATED SIGNAGE ALONG FENCING

MAINTAIN EX. GRADE WITH THE TREE PROTECTION FENCE UNLESS OTHERWISE INDICATED ON THE GRADING PLAN. HAND DIG IN THESE AREAS.

### NOTES:

- NO PRUNING SHALL BE PERFORMED EXCEPT BY A CERTIFIED ARBORIST.
- NO EQUIPMENT SHALL OPERATE INSIDE THE TREE PROTECTION FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.





OWNER  
**KING OF PRUSSIA DISTRICT**  
 234 MALL BOULEVARD SUITE 150  
 KING OF PRUSSIA, PA 19406  
 484.681.9452



DRAWING NUMBER  
SHEET NUMBER

**LI.00**  
4 OF 23

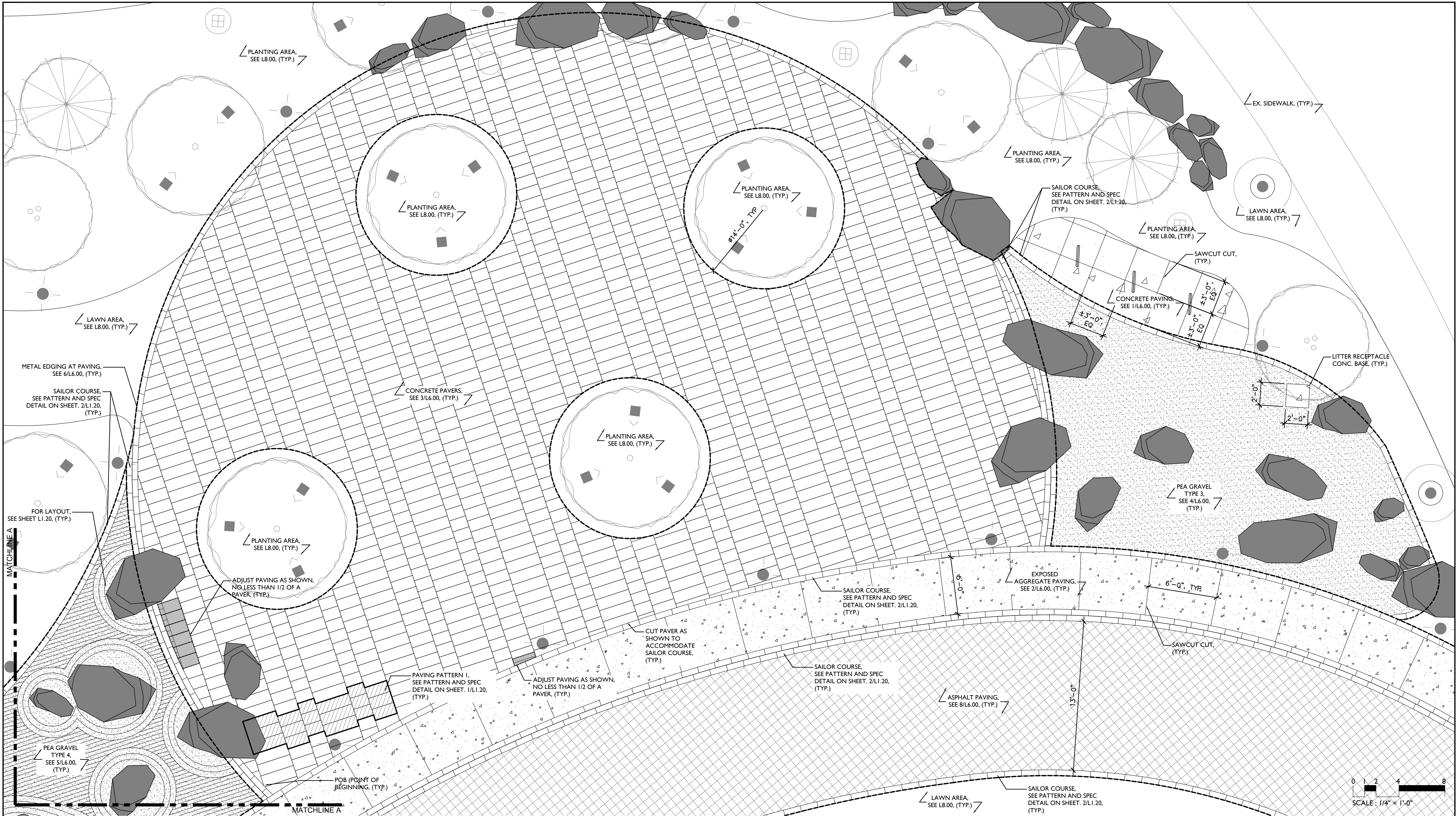


20                      0                      10                      20                      40

GRAPHIC SCALE

## CONSTRUCTION DOCUMENTS





**SITE PLAN NOTES:**

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**PAVING PLAN LEGEND**

	CIP SAW CUT CONCRETE PAVING		STONE BANDING AT INLETS		BOULDERS
	PAVING TYPE 1, CONCRETE PAVERS		CIP FLUSH CONCRETE CURB		TREE UP-LIGHT PAIR, SEE LT.1.00
	PAVING TYPE 2, EXPOSED AGGREGATE CONCRETE W/ BORDER		CIP TAPERED CONCRETE CURB		BOLLARD LIGHT, SEE LT.1.00
	PAVING TYPE 3, PEA GRAVEL (STABILIZED)		DRIVEWAY RESTRAINT ROPE		POST LIGHT, SEE LT.1.00
	PAVING TYPE 4, PEA GRAVEL AT ROCK GARDEN		DRIVEWAY RESTRAINT POST		BIKE RACK
	PAVING TYPE 5, ASPHALT PAVING W/ BORDER		PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING) (SEE L8.00-L9.00)		
	LAWN (SOD)		ROCK GARDEN RAKE STAND		
	PLANTING AREA		SOLAR ENERGY TOWER, SEE LT.1.00 SERIES		
	MEADOW AREA (SEEDED)				

**PAVING LEVEL NOTES:**

- VERTICAL LEVEL CHANGES SHALL NOT EXCEED 1/4"
- LEVEL CHANGES UP TO 1/2" ARE TO BE BEVELED WITH A SLOPE NOT EXCEEDING 1:2.
- GAPS SHALL NOT EXCEED 1/2" IN ANY SURFACES, INCLUDING DRAINS IN PAVING AREA.

**SPEC NOTE:**

- SEE PAVING DETAILS ON SHEET L6.00
- SEE SPECS L1.20.
- PAVING PATTERNS SHOWN AT NOMINAL DIMENSIONS.

REVISIONS		
NO.	DATE	NOTES

DRAWN BY	VAM / TAS
CHECKED BY	PJS
SCALE	VARIES
DATE	05.23.2025
PLOTTED DATE	06.12.2025
DRAWING NAME	

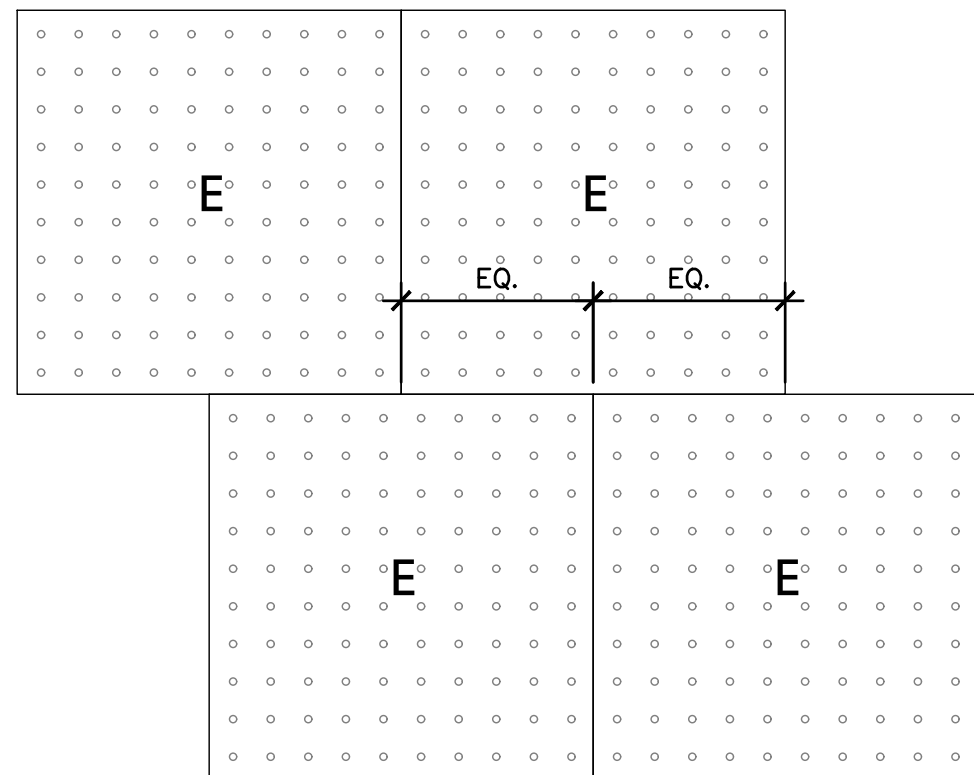
**PAVING PLAN - (EAST)**



MATERIAL	QUARRY / MANU	TYPE	COLOR	FINISH	SIZE	EDGES	THICKNESS
CONCRETE PAVERS (E)	HANOVER PAVERS	PREST PAVERS	CHARCOAL	TUDOR	24"X24"	STANDARD	2"

*PATTERN DRAWN AT NOMINAL SIZES. REFER TO MANUFACTURER FOR ACTUAL DIMENSIONS.

PAVER SIZES:  
E - 24" X 24"



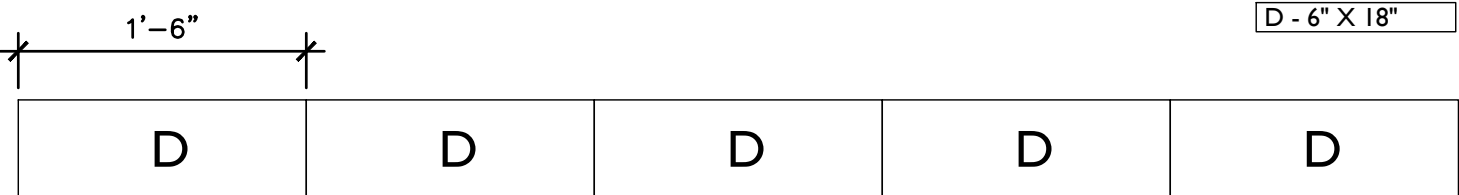
### 3 DETECTABLE WARNING STRIP - PATTERN AND SPECIFICATION, TYP.

SCALE : 1" = 1'-0"

MATERIAL	QUARRY / MANU	TYPE	COLOR	FINISH	SIZE	EDGES	THICKNESS
CONCRETE PAVERS (D)	HANOVER PAVERS	PREST PAVERS	LIMESTONE	TUDOR	12"X18"	STANDARD	2"

*PATTERN DRAWN AT NOMINAL SIZES. REFER TO MANUFACTURER FOR ACTUAL DIMENSIONS.

PAVER SIZES:  
D - 6" X 18"



### 2 PAVING SAILOR COURSE - PATTERN AND SPECIFICATION, TYP.

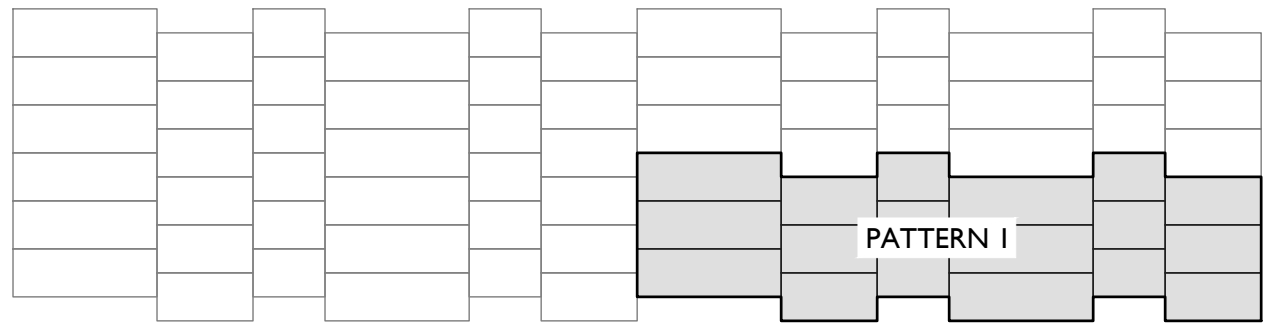
SCALE : 1" = 1'-0"

MATERIAL	QUARRY / MANU	TYPE	COLOR	FINISH	SIZE	EDGES	THICKNESS
CONCRETE PAVERS (A)	HANOVER PAVERS	PREST PAVERS	SEE NOTE	TUDOR	16"X16"	STANDARD	2"
CONCRETE PAVERS (B)	HANOVER PAVERS	PREST PAVERS	SEE NOTE	TUDOR	8"X8"	STANDARD	2"
CONCRETE PAVERS (C)	HANOVER PAVERS	PREST PAVERS	SEE NOTE	TUDOR	8"X16"	STANDARD	2"

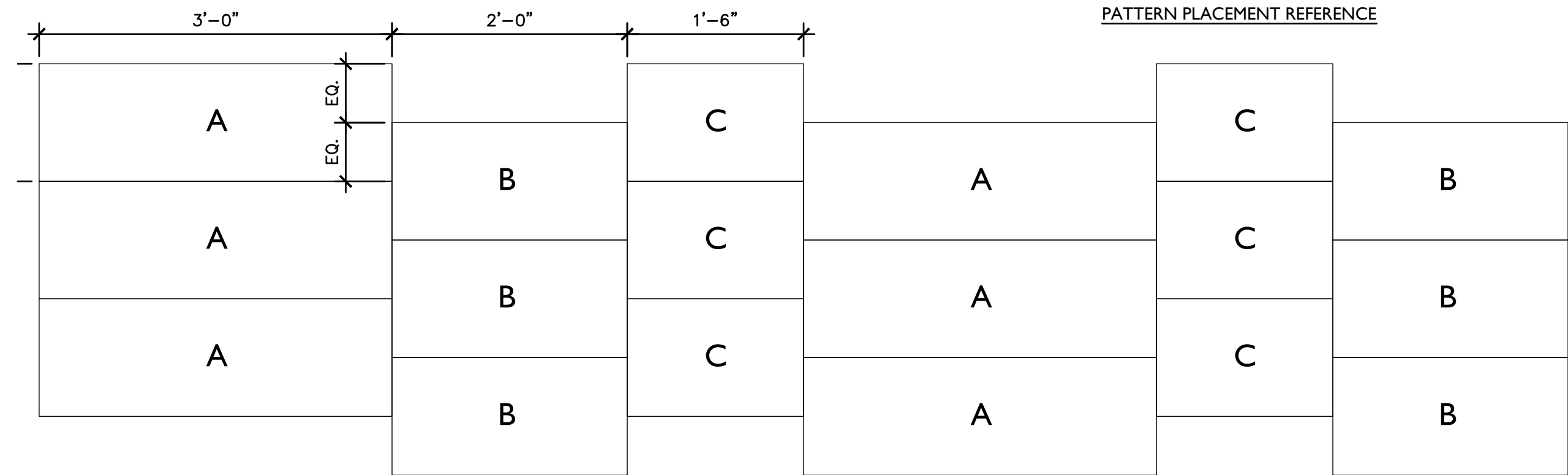
*PATTERN DRAWN AT NOMINAL SIZES. REFER TO MANUFACTURER FOR ACTUAL DIMENSIONS.

COLORS:  
CHARCOAL : 20% OF PATTERN AREA  
NATURAL : 40% OF PATTERN AREA  
LIMESTONE GRAY : 40% OF PATTERN AREA

PAVER SIZES:  
A - 12" X 36"  
B - 12" X 24"  
C - 12" X 18"



PATTERN PLACEMENT REFERENCE



### 1 PAVING TYPE I - PATTERN AND SPECIFICATION, TYP.

SCALE : 1" = 1'-0"

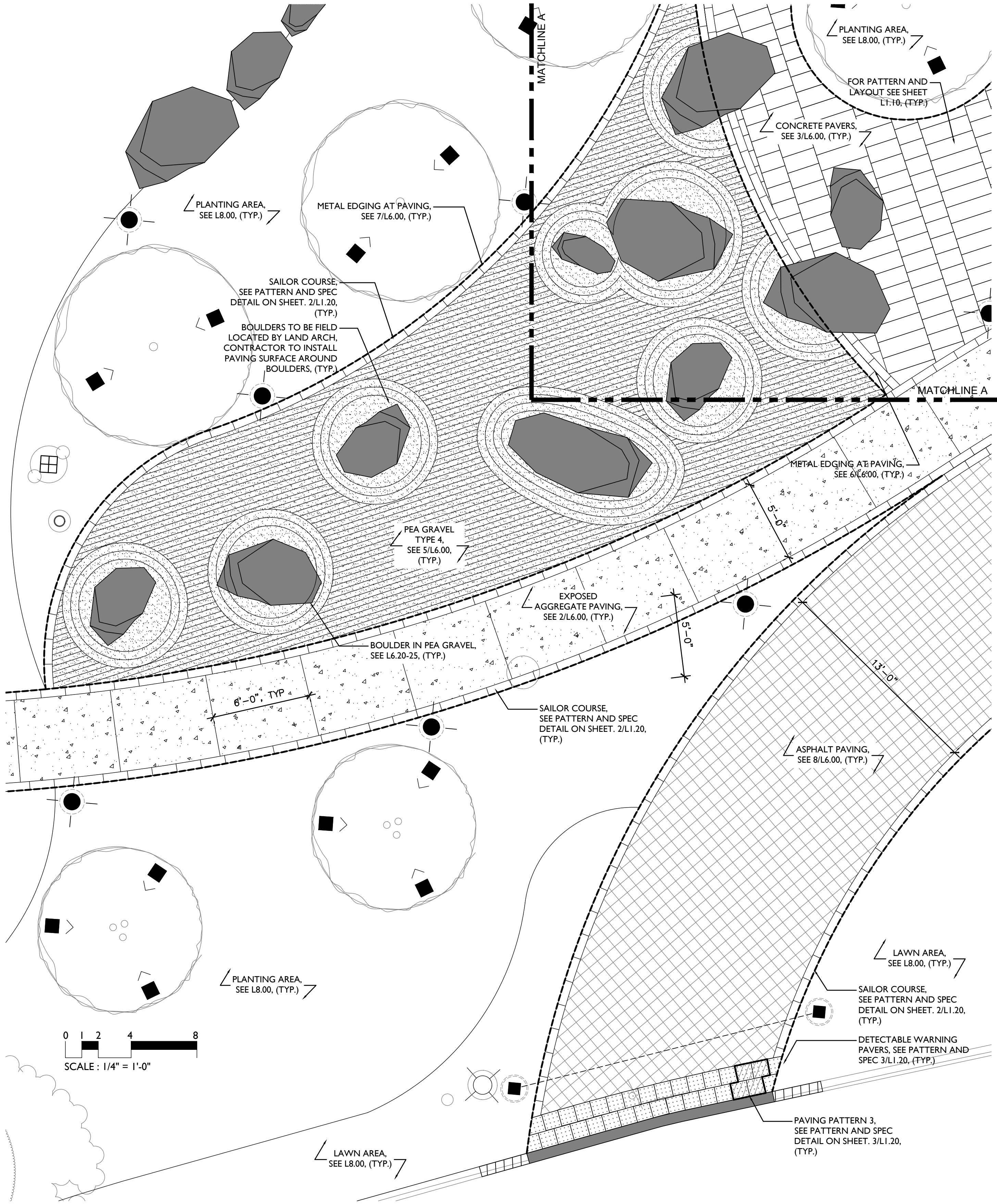
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- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS OFF-SITE, CLEANUP OF ALL PAVED AREAS (ROADWAYS, SIDEWALKS, ETC.); AND RESTORATION OF ALL DISTURBED LAWN AREAS.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE TO UNDERGROUND UTILITIES DAMAGED.
- CONTRACTOR SHALL PROVIDE SCREENED PLANTING SOIL WHERE PLANTING IS TO OCCUR. 36" DEPTH, 6" DEPTH AT LAWN AREAS.
- FOLLOWING COMPLETION OF ALL PLANTING INSTALLATION WORK, THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL DISTURBED LAWN AREAS.
- NO TREE SHALL BE PLANTED CLOSER THAN 10 FEET FROM AN UNDERGROUND UTILITY.
- ALL LINES ARE PARALLEL OR PERPENDICULAR UNLESS SHOWN OTHERWISE.
- VERIFY LAYOUT OF ALL PROPOSED WORK TO EXISTING CONDITIONS. REPORT DISCREPANCIES BEFORE ANY CLEARING OR EXCAVATION IS DONE.

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#### PAVING PLAN LEGEND

	CIP SAW CUT CONCRETE PAVING		STONE BANDING AT INLETS		BOULDERS
	PAVING TYPE 1, CONCRETE PAVERS		CIP FLUSH CONCRETE CURB		TREE UP-LIGHT PAIR, SEE LT1.00
	PAVING TYPE 2 EXPOSED AGGREGATE CONCRETE W/ BORDER		CIP TAPERED CONCRETE CURB		BOLLARD LIGHT, SEE LT1.00
	PAVING TYPE 3 PEA GRAVEL (STABILIZED)		DRIVEWAY RESTRAINT ROPE		POST LIGHT, SEE LT1.00
	PAVING TYPE 4 PEA GRAVEL AT ROCK GARDEN		DRIVEWAY RESTRAINT POST		BIKE RACK
	PAVING TYPE 5 ASPHALT PAVING W/ BORDER		PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING) (SEE L8.00-L9.00)		
	LAWN (SOD)		ROCK GARDEN RAKE STAND		
	PLANTING AREA		SOLAR ENERGY TOWER, SEE LT1.00 SERIES		
	MEADOW AREA (SEEDED)				



PAVING LEVEL NOTES:  
1. VERTICAL LEVEL CHANGES SHALL NOT EXCEED 1/4".  
2. LEVEL CHANGES UP TO 1/2" ARE TO BE BEVELED WITH A SLOPE NOT EXCEEDING 1:2.  
3. GAPS SHALL NOT EXCEED 1/2" IN ANY SURFACES, INCLUDING DRAINS IN PAVING AREA.

SPEC NOTE:  
1. SEE PAVING DETAILS ON SHEET L6.00  
2. SEE SPECS L1.20.  
3. PAVING PATTERNS SHOWN AT NOMINAL DIMENSIONS.



SEAL



LICENSE #: LA003025

TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

PROJECT NAME

## RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



#### REVISIONS

NO.	DATE	NOTES

DRAWN BY

VAM / TAS

CHECKED BY

PJS

SCALE

VARIES

DATE

05.23.2025

PLOTTED DATE

06.12.2025

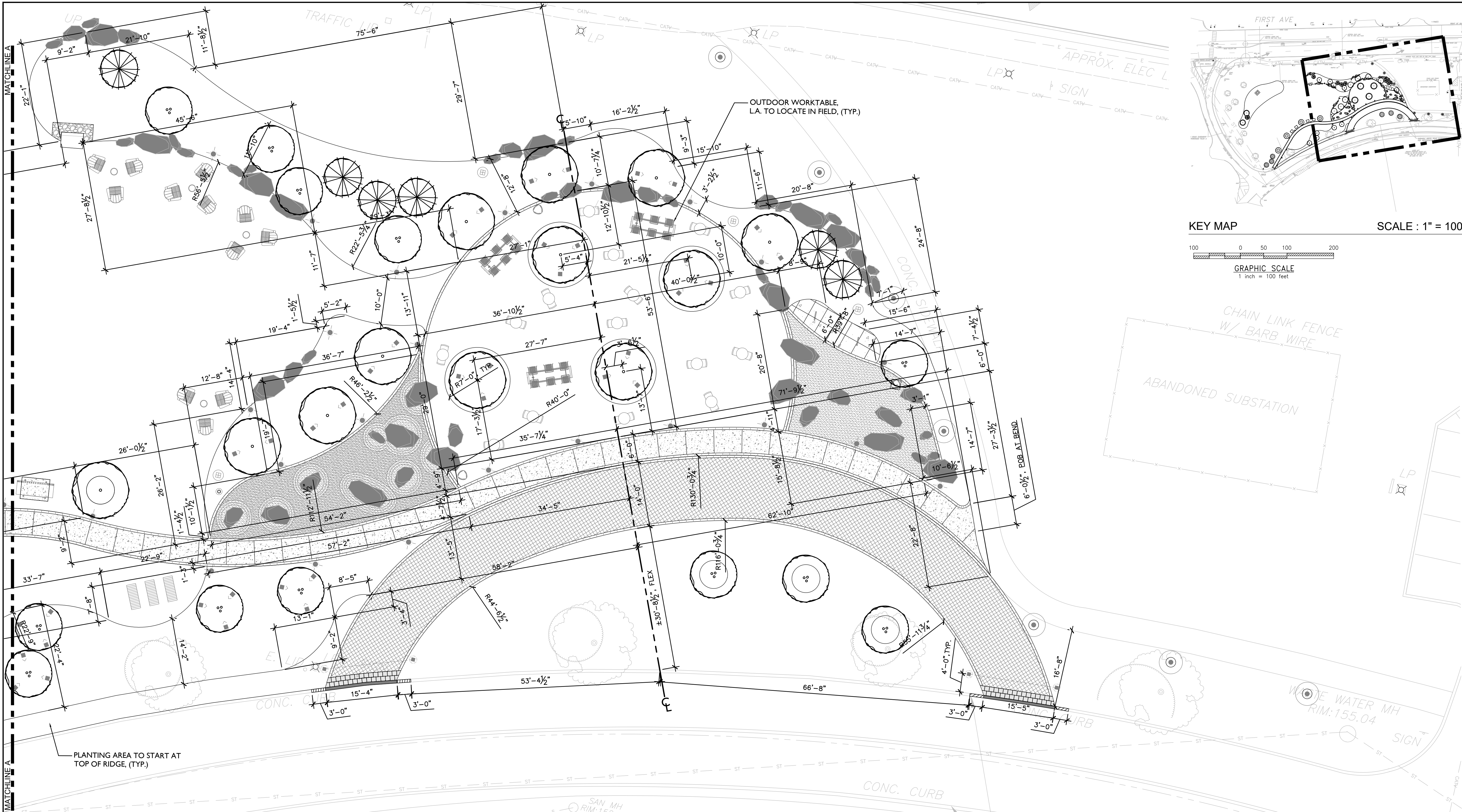
DRAWING NAME

## PAVING PLAN - (WEST)

DRAWING NUMBER  
SHEET NUMBER

**L1.20**  
6 OF 23





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**LAYOUT PLAN LEGEND**

	CIP SAW CUT CONCRETE PAVING		STONE BANDING AT INLETS		BOULDERS		2-TOP TABLE + CHAIRS
	PAVING TYPE 1, CONCRETE PAVERS		CIP FLUSH CONCRETE CURB		TREE UP-LIGHT PAIR, SEE LT1.00		UMBRELLA
	PAVING TYPE 2, EXPOSED AGGREGATE CONCRETE W/ BORDER		CIP TAPERED CONCRETE CURB		BOLLARD LIGHT, SEE LT1.00		WIND-TURBINE COVERED BENCH
	PAVING TYPE 3, PEA GRAVEL (STABILIZED)		DRIVEWAY RESTRAINT ROPE		POST LIGHT, SEE LT1.00		LOUNGE CHAIR TYPE 1
	PAVING TYPE 4, PEA GRAVEL AT ROCK GARDEN		DRIVEWAY RESTRAINT POST		BIKE RACK		LOUNGE CHAIR TYPE 2
	PAVING TYPE 5, ASPHALT PAVING W/ BORDER		PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING) (SEE L8.00-L9.00)		ROCK GARDEN RAKE STAND		BOULDER SIDE TABLE
			SOLAR ENERGY TOWER, SEE LT1.00 SERIES		OUTDOOR WORKTABLE + CHAIRS		LITTER RECEPTACLE TYPE 1

**GRAPHIC SCALE**  
1 inch = 10 feet

**CONSTRUCTION DOCUMENTS**

SEAL

TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER  
**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
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484.681.9452

PROJECT NAME

**RECHARGE PARK**

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406

REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE 1" = 10'

DATE 05.23.2025

PLOTTED DATE 06.12.2025

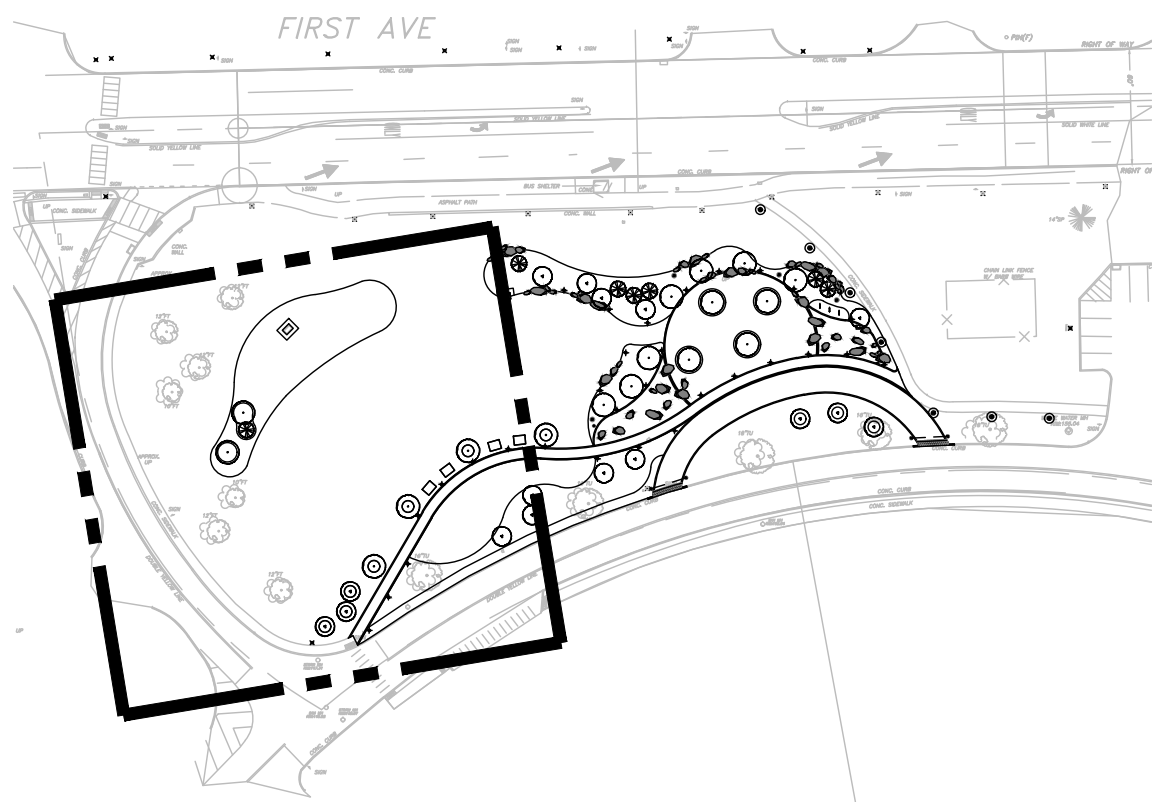
DRAWING NAME

**LAYOUT PLAN (EAST)**

DRAWING NUMBER **L2.00**

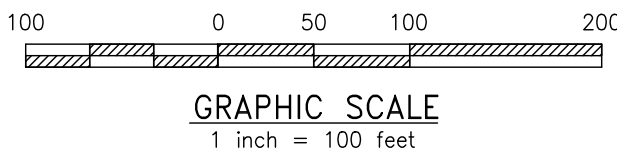
SHEET NUMBER 7 OF 23





KEY MAP

SCALE : 1" = 100'



GRAPHIC SCALE  
1 inch = 100 feet

100 0 50 100 200

100 0 50 100 200

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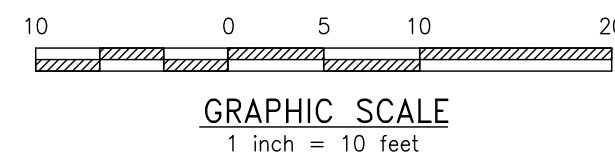
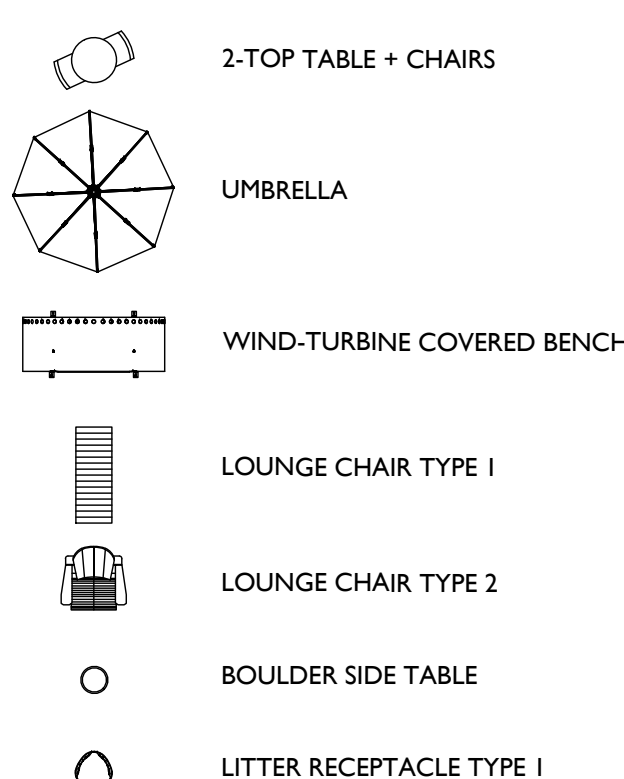
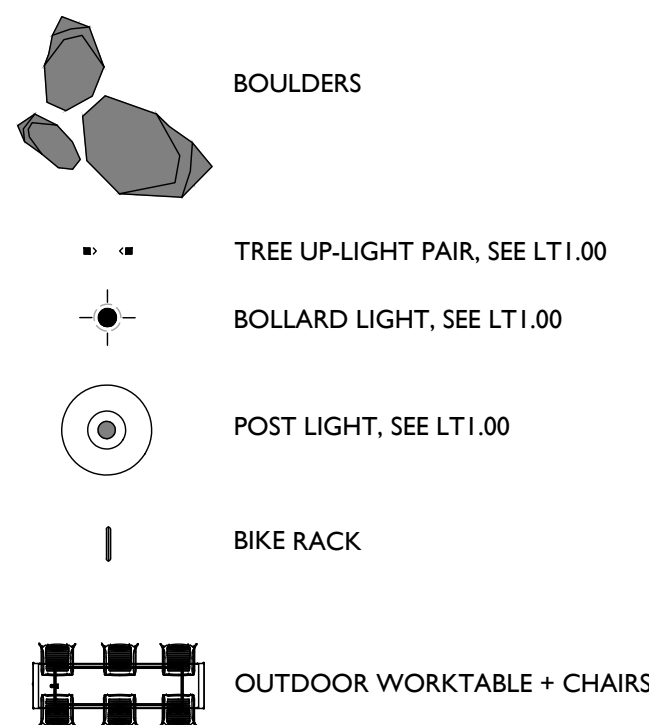
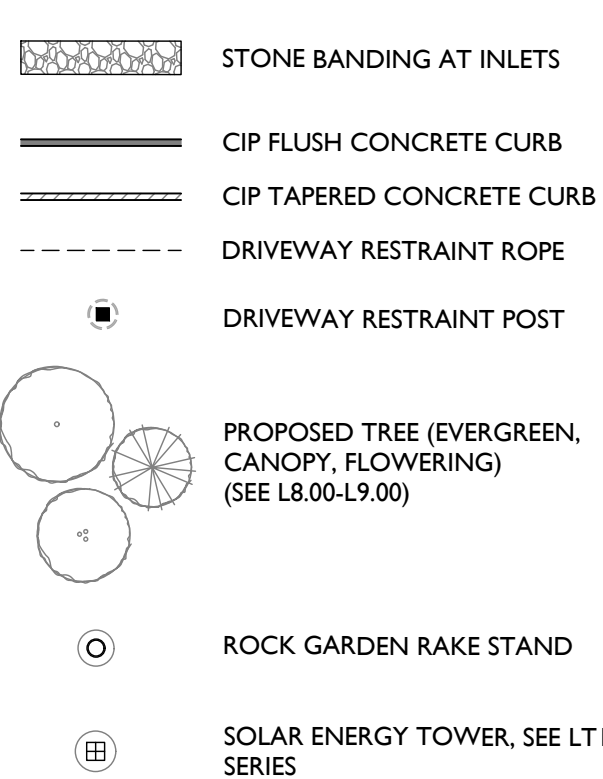
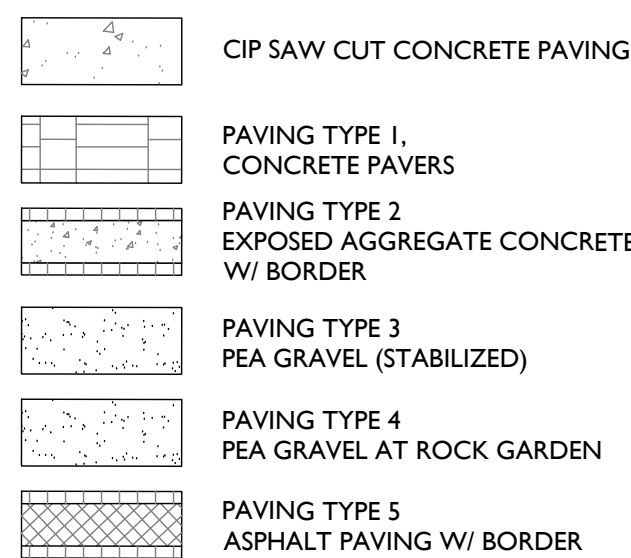
100 0 50 100 200

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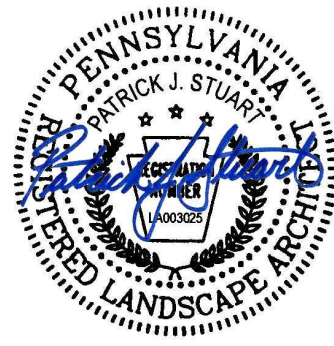
LAYOUT PLAN LEGEND



CONSTRUCTION DOCUMENTS



SEAL



LICENSE #: LA003025

TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
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TEL. 610.337.2100

OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

PROJECT NAME

RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

DRAWN BY

VAM / TAS

CHECKED BY

PJS

SCALE

1" = 10'

DATE

05.23.2025

PLOTTED DATE

06.12.2025

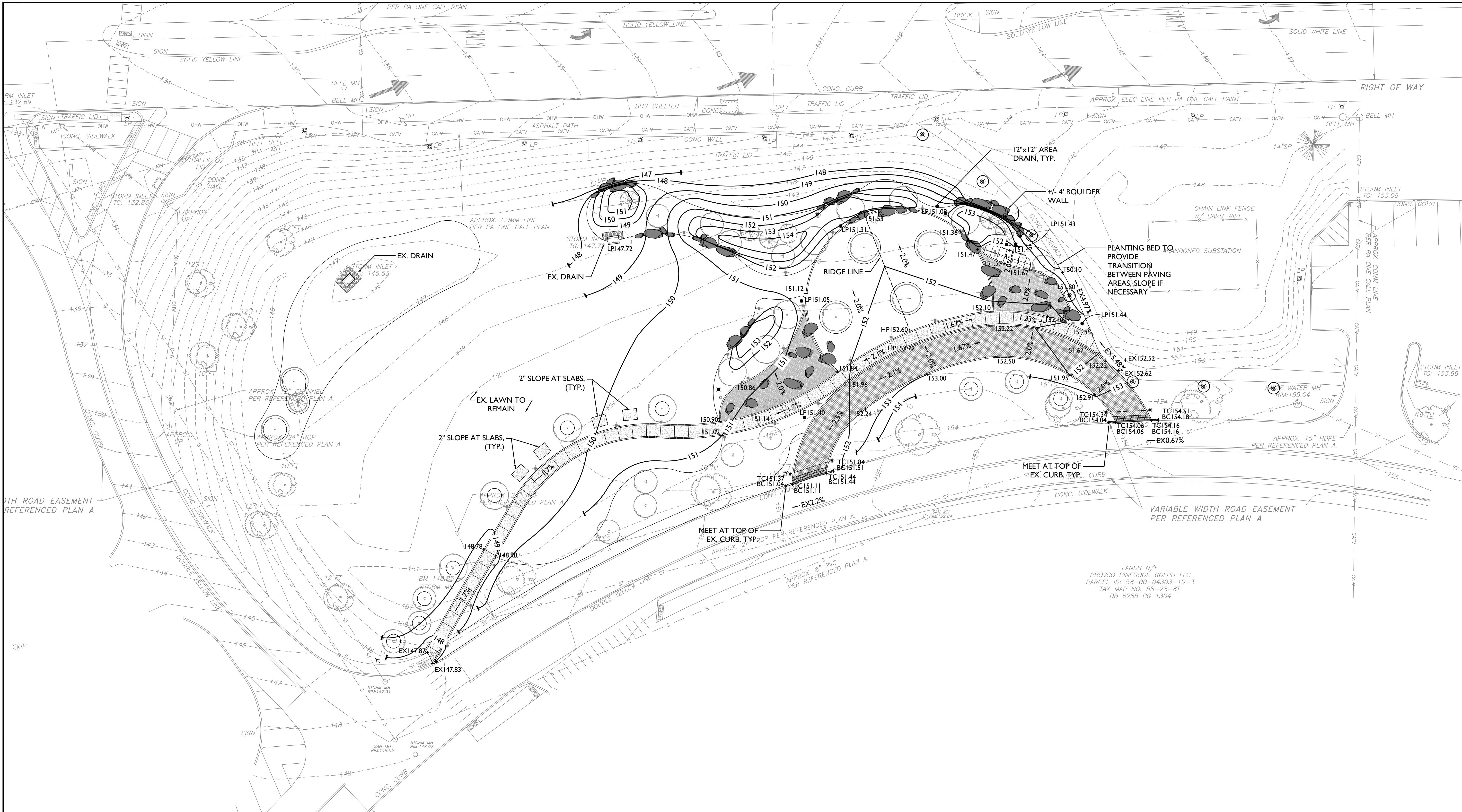
DRAWING NAME

LAYOUT PLAN (WEST)

DRAWING NUMBER  
SHEET NUMBER

L2.10  
8 OF 23





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GRADING PLAN LEGEND

- |                              |                                                   |
|------------------------------|---------------------------------------------------|
| + XXXXX                      | SPOT ELEVATION                                    |
| — X.X%                       | PROPOSED SLOPE                                    |
| + EX XX.XXX                  | EXISTING SPOT ELEVATION                           |
| ■                            | PROPOSED 8"X8" AREA DRAIN                         |
| ■                            | PROPOSED 24"X24" AREA DRAIN                       |
| + LP XXXX.XX                 | LOW POINT                                         |
| + TW XXXX.XX<br>+ BW XXXX.XX | TOP OF WALL ELEVATION<br>BOTTOM OF WALL ELEVATION |
| + TC XXXX.XX<br>+ BC XXXX.XX | TOP OF CURB ELEVATION<br>BOTTOM OF CURB ELEVATION |
| ⊕                            | SOLAR ENERGY TOWER, SEE LTT1.00 SERIES            |

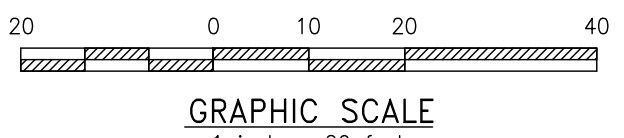
- |  |                                                                      |
|--|----------------------------------------------------------------------|
|  | CIP SAW CUT CONCRETE PAVING                                          |
|  | PAVING TYPE 1<br>CONCRETE PAVERS                                     |
|  | PAVING TYPE 2<br>EXPOSED AGGREGATE CONCRETE<br>W/ BORDER             |
|  | PAVING TYPE 3<br>PEA GRAVEL (STABILIZED)                             |
|  | PAVING TYPE 4<br>PEA GRAVEL AT ROCK GARDEN                           |
|  | PAVING TYPE 5<br>ASPHALT PAVING W/ BORDER                            |
|  | STONE BANDING AT INLETS                                              |
|  | CIP FLUSH CONCRETE CURB                                              |
|  | CIP TAPERED CONCRETE CURB                                            |
|  | DRIVEWAY RESTRAINT ROPE                                              |
|  | DRIVEWAY RESTRAINT POST                                              |
|  | PROPOSED TREE (EVERGREEN,<br>CANOPY, FLOWERING)<br>(SEE L8.00-L9.00) |
|  | BOULDERS                                                             |

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  - GAPS SHALL NOT EXCEED 1/2" IN ANY SURFACES, INCLUDING DRAINS IN PAVING AREA.

- CONTRACTOR RESPONSIBLE FOR DRAIN/PIPING SIZING AND CONNECTIONS.
- INVERTS OF EXISTING DRAINS UNKNOWN, CONTRACTOR TO VERIFY IN FIELD PRIOR TO DISTURBANCE.
- TIE PROPOSED AREA DRAINS INTO EXISTING INLETS.

- DRAINAGE NOTES:
- DRAINAGE TO BE CAPTURED BY A SERIES OF SURFACE AREA DRAINS THROUGHOUT THE SPACE. MOST DRAINS WILL BE INCORPORATED IN SOFTSCAPE. TRENCH DRAINS MAY BE USED IN HARDSCAPE IF DRAINAGE PATTERN CHANGES IN FIELD.
  - AREA DRAINS:
    - 12X12 AREA DRAIN:
      - PLANTING AREA: BLACK, PLASTIC NDS. SQUARE
      - HARDSCAPE AREA: STAINLESS STEEL, SQUARE, ADA, SUBMIT SAMPLES FOR APPROVAL, PRIOR TO INSTALL.

ALL HEIGHTS LISTED ARE FROM TOP OF PAVER



SEAL



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PROJECT NAME

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KING OF PRUSSIA, PA 19406

REVISIONS

NO.	DATE	NOTES

DRAWN BY

VAM / TAS

CHECKED BY

PJS

SCALE

1" = 20'

DATE

05.23.2025

PLOTTED DATE

06.12.2025

DRAWING NAME

**GRADING PLAN**





LANDSCAPE ARCHITECTS  
PLANNERS | DESIGNERS



LICENSE #: LA003025

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REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE VARIES

DATE 05.23.2025

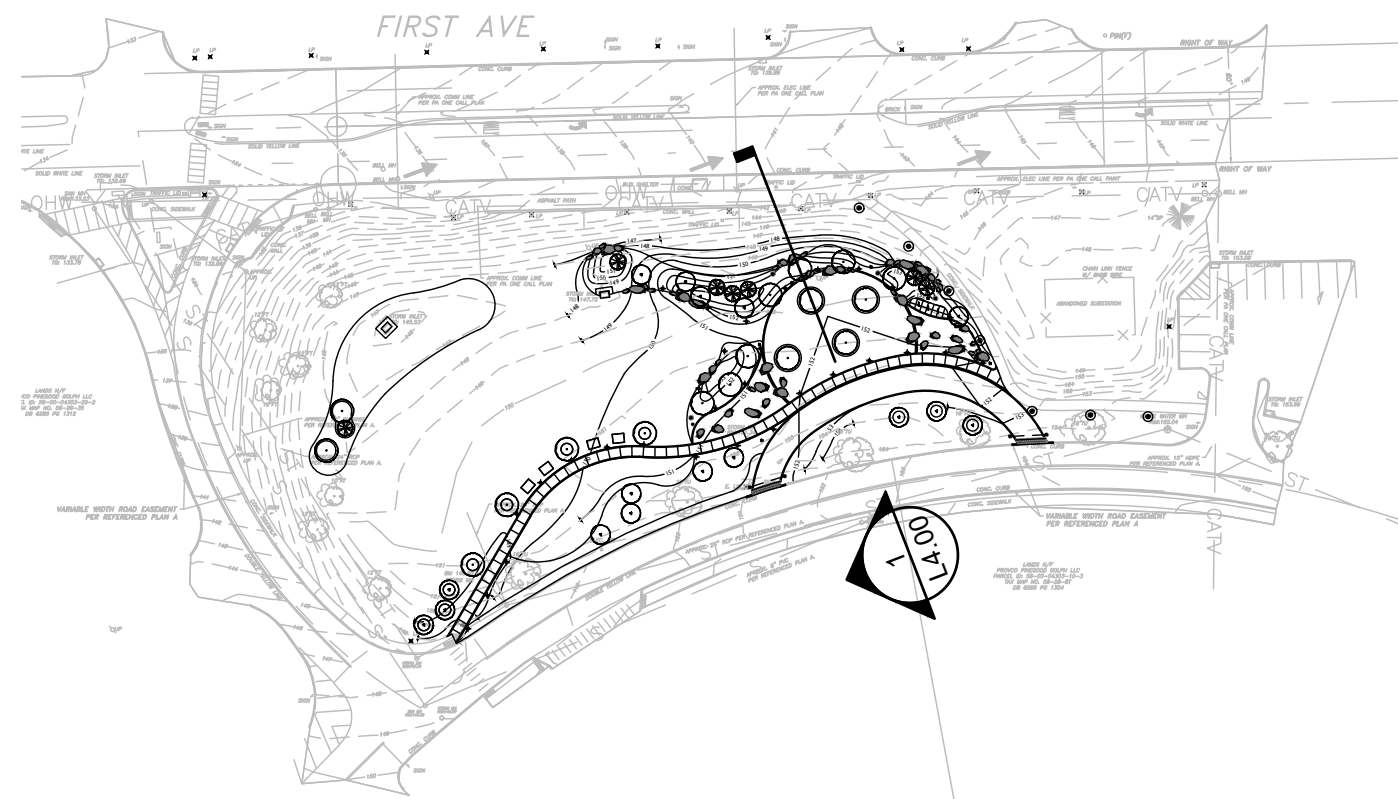
PLOTTED DATE 06.12.2025

DRAWING NAME

SITE ELEVATIONS

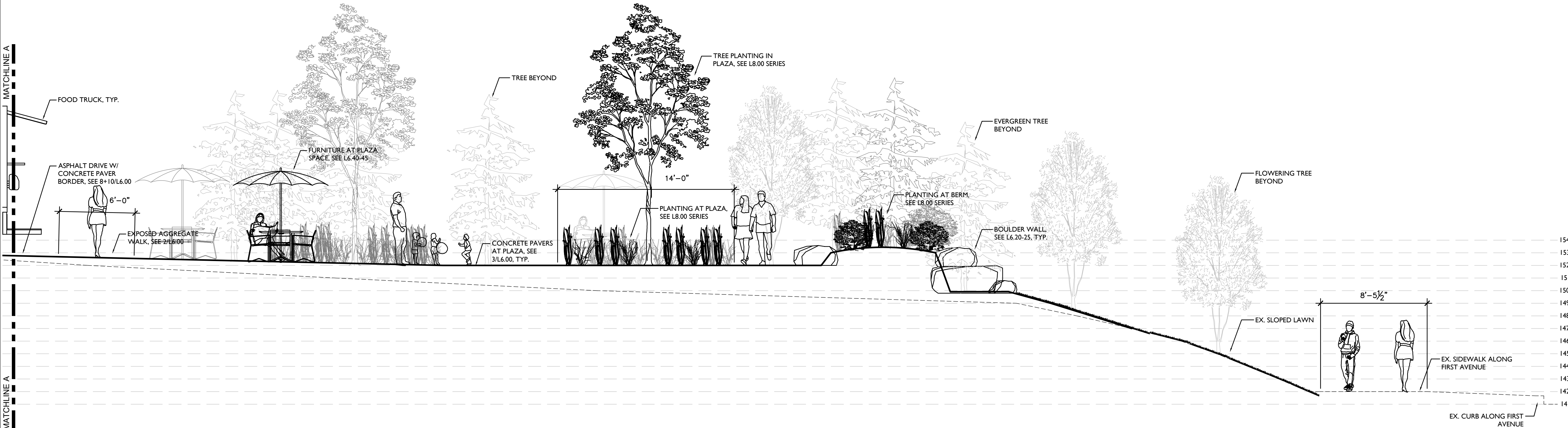
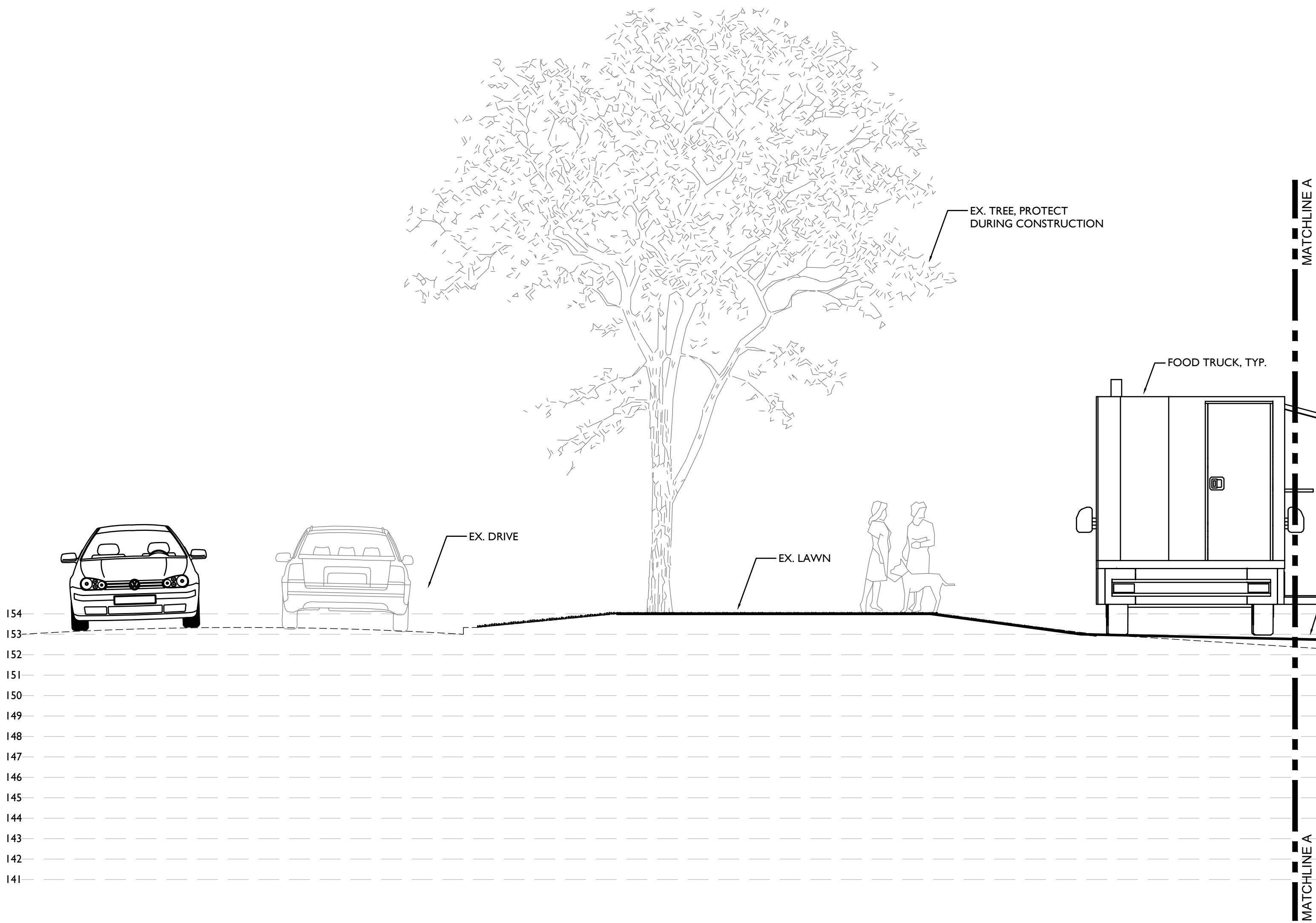
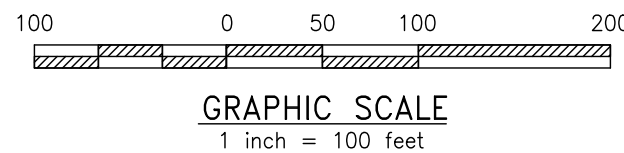
DRAWING NUMBER  
SHEET NUMBER

**L4.00**  
10 OF 23



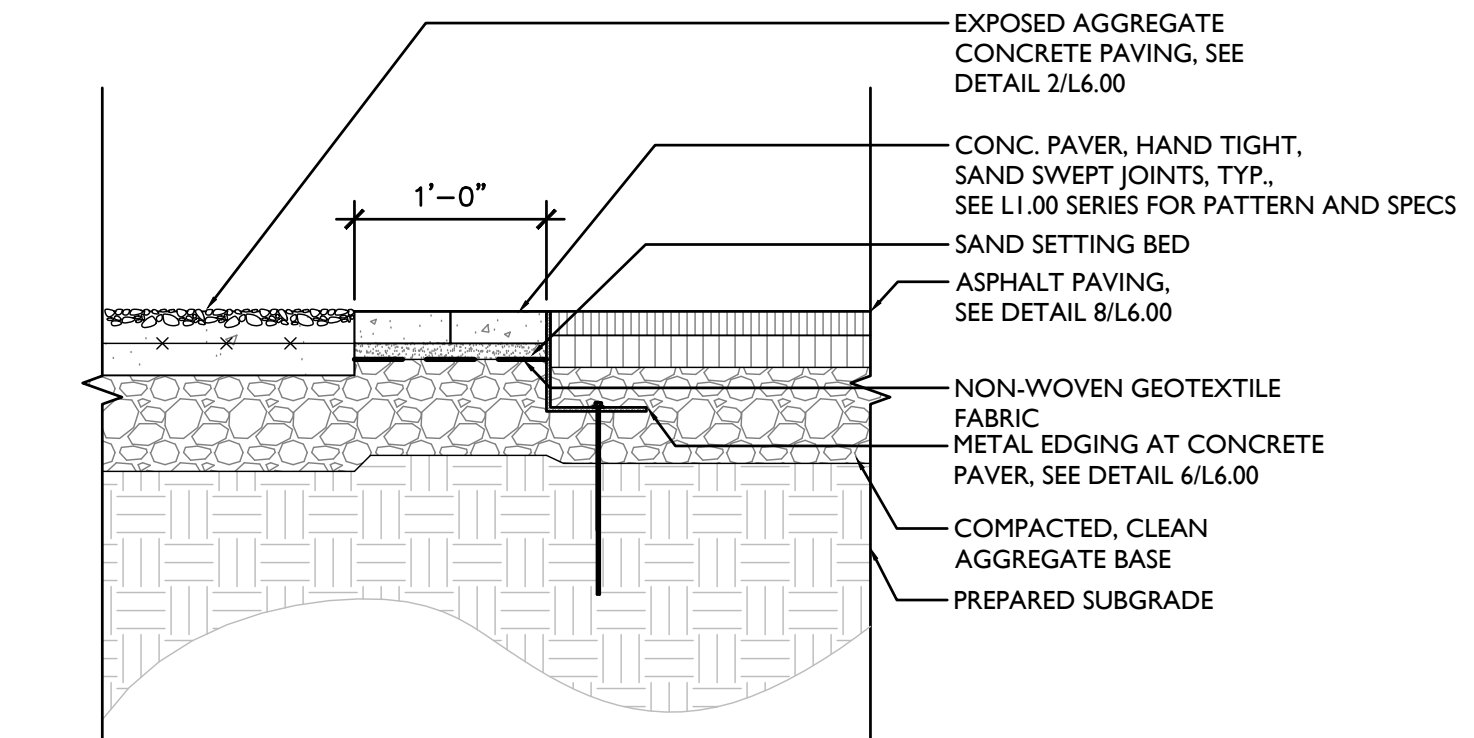
KEY MAP

SCALE : 1" = 100'

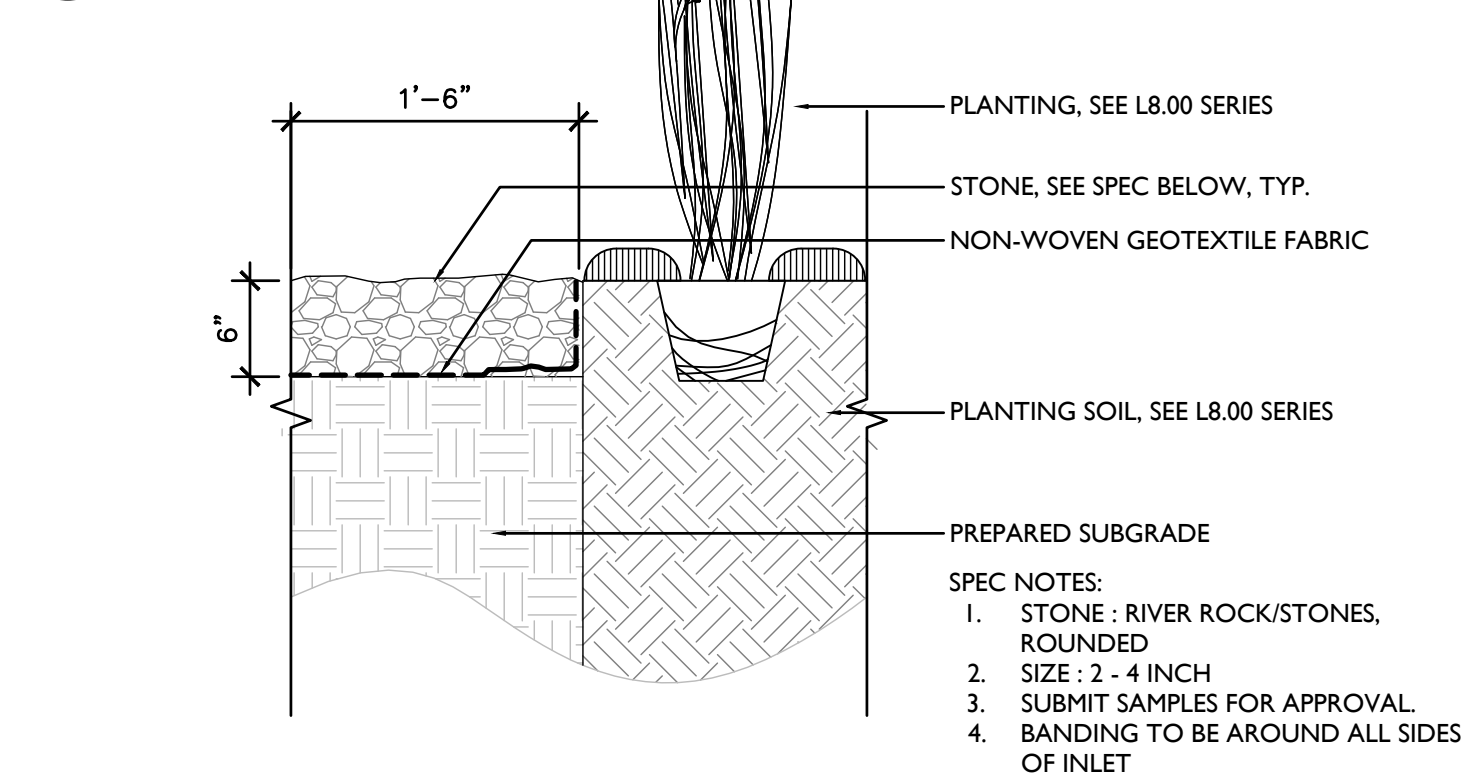


**1 SITE SECTION - NORTH / SOUTH**  
SCALE : 1/4" = 1'-0"

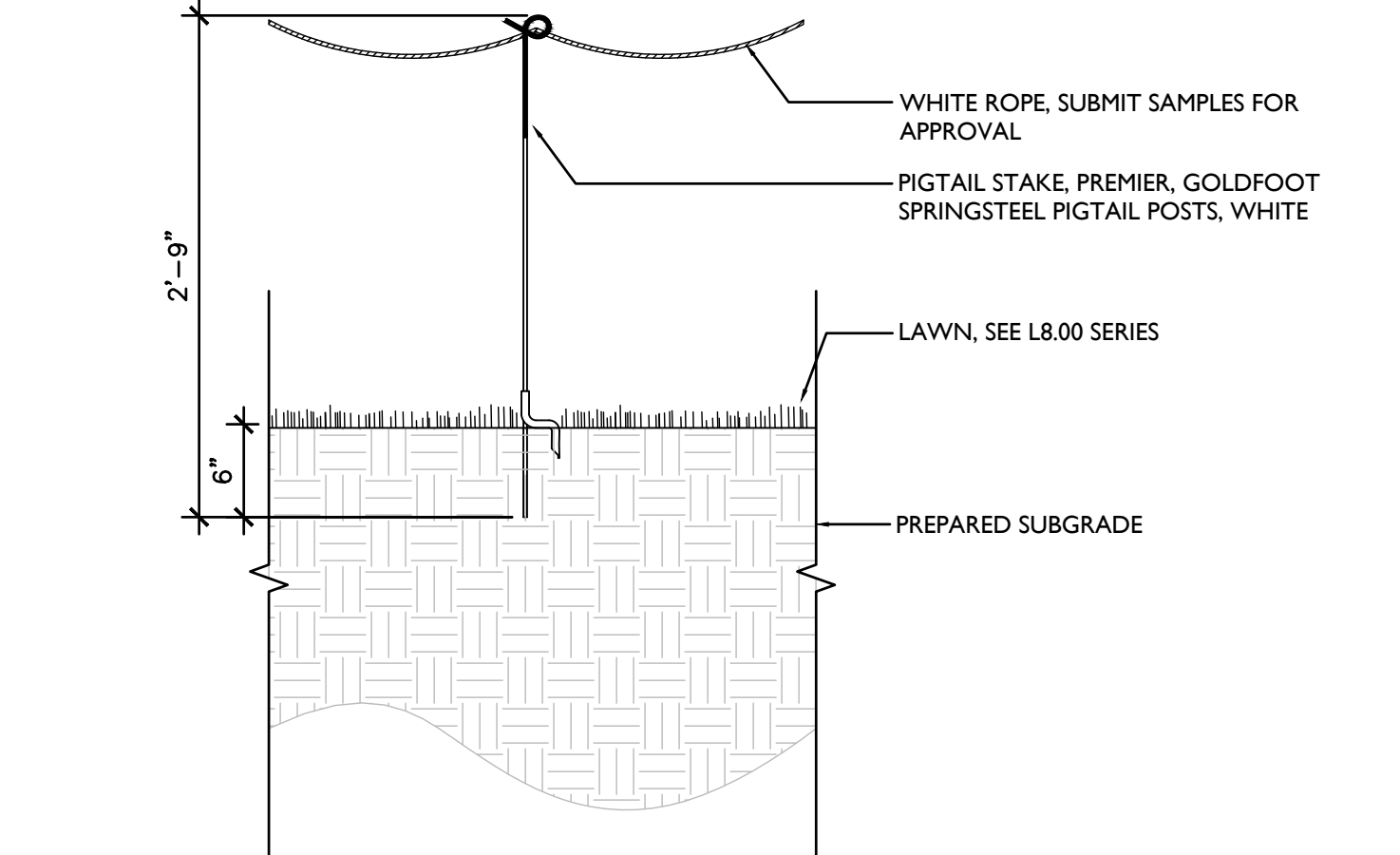




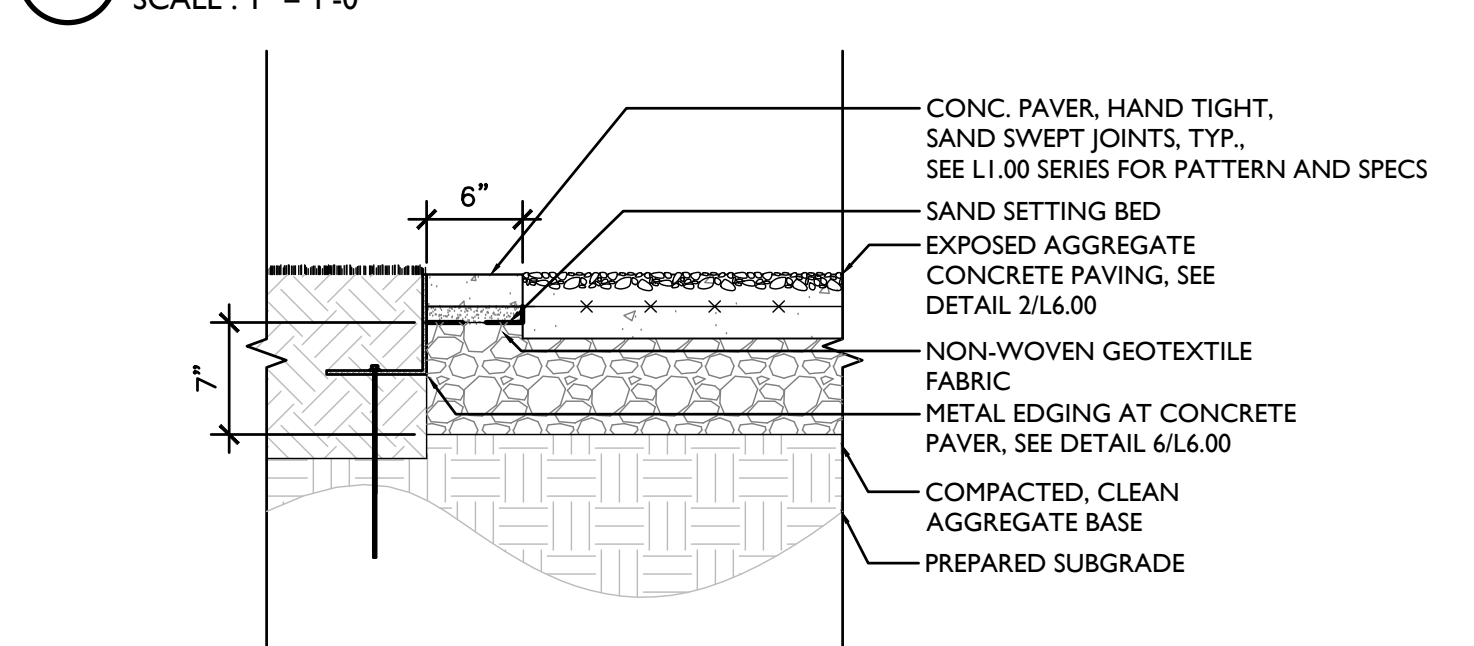
17 TRANSITION AT ASPHALT AND CONC. PAVING, TYP.  
SCALE : 1" = 1'-0"



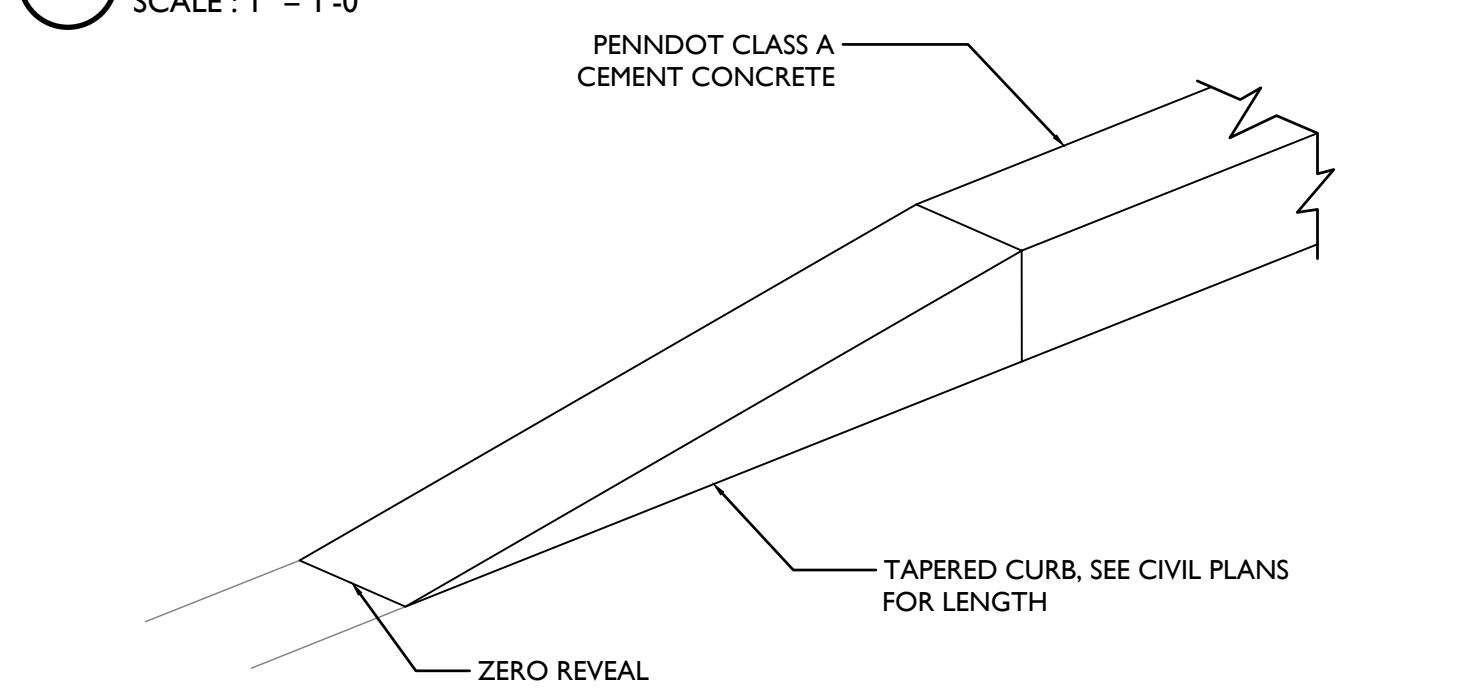
16 RIVERROCK AT INLET DETAIL, TYP.  
SCALE : 1" = 1'-0"



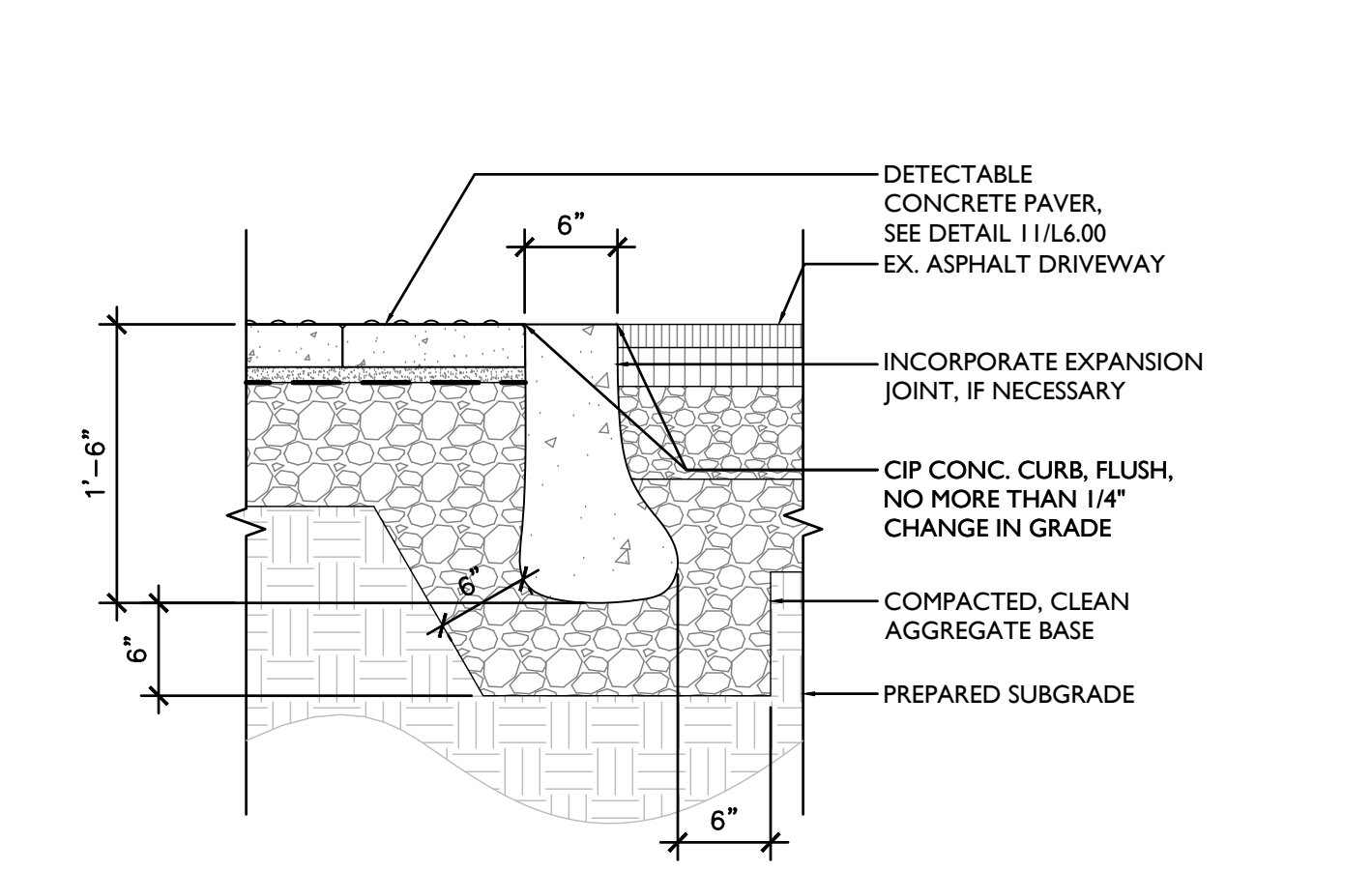
15 DRIVE WAY RESTRAINT, TYP.  
SCALE : 1" = 1'-0"



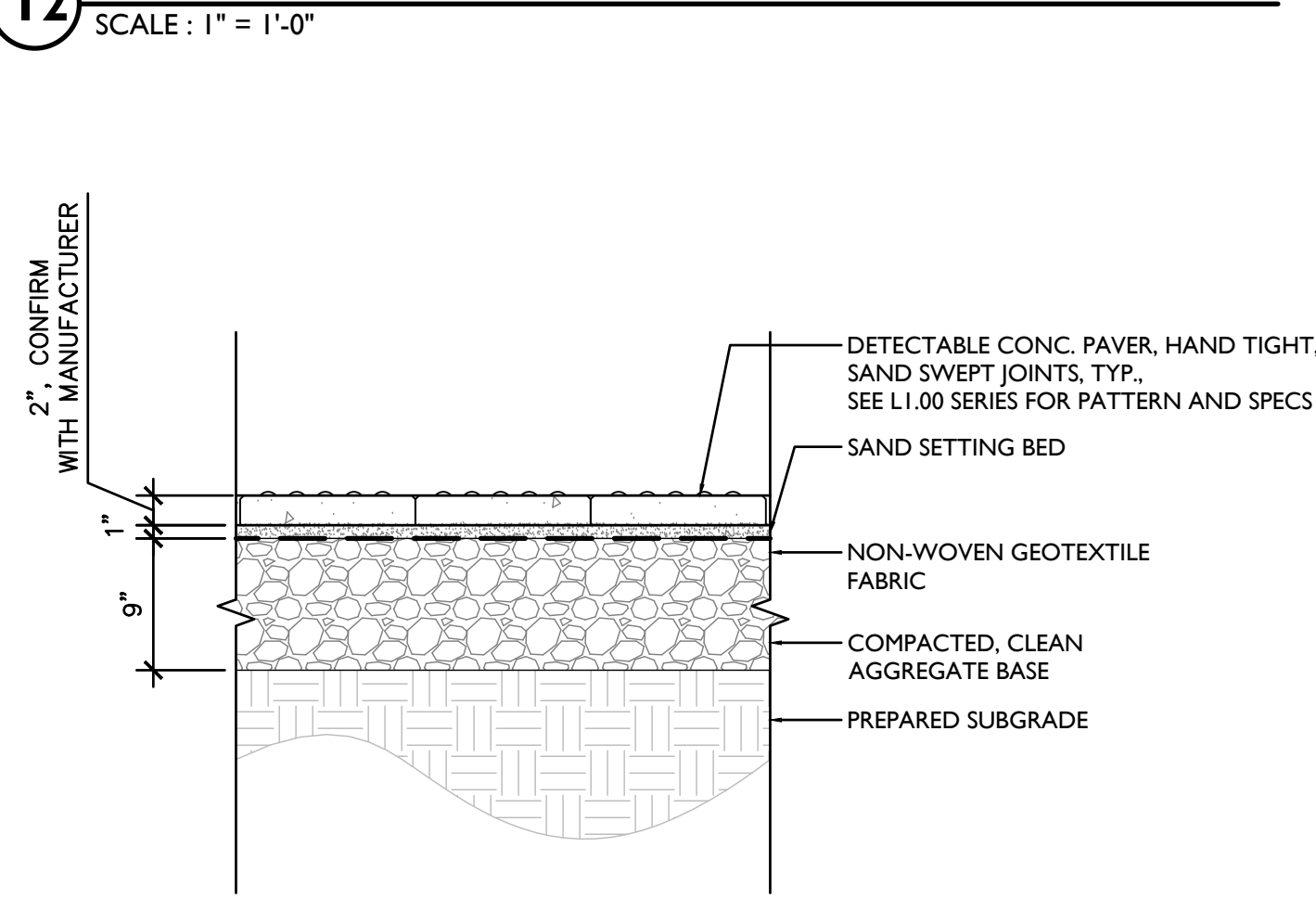
14 CONCRETE PAVER BORDER AT CONC. PAVING, TYP.  
SCALE : 1" = 1'-0"



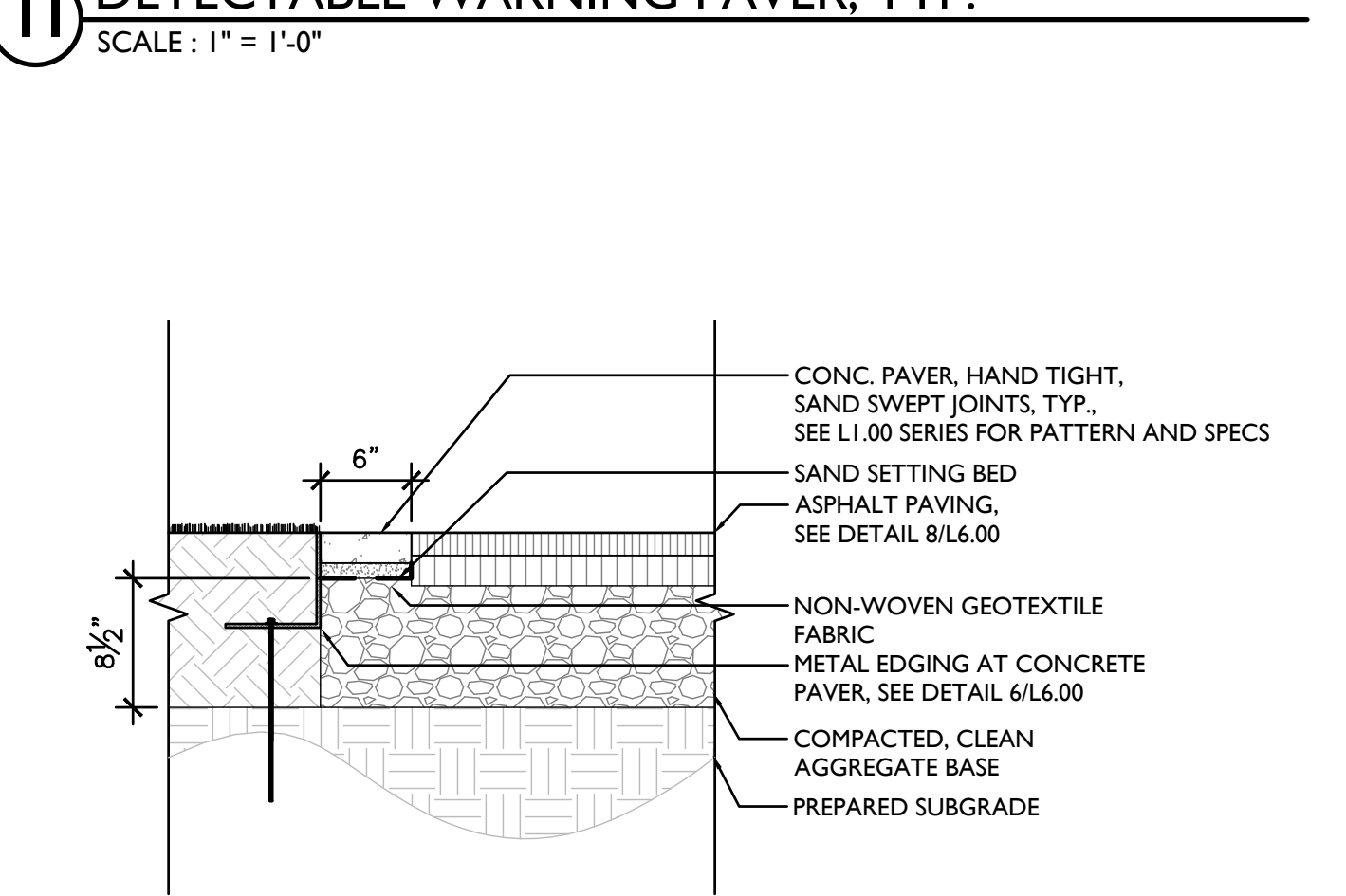
13 TAPERED CIP CONCRETE CURB, TYP.  
SCALE : N.T.S.



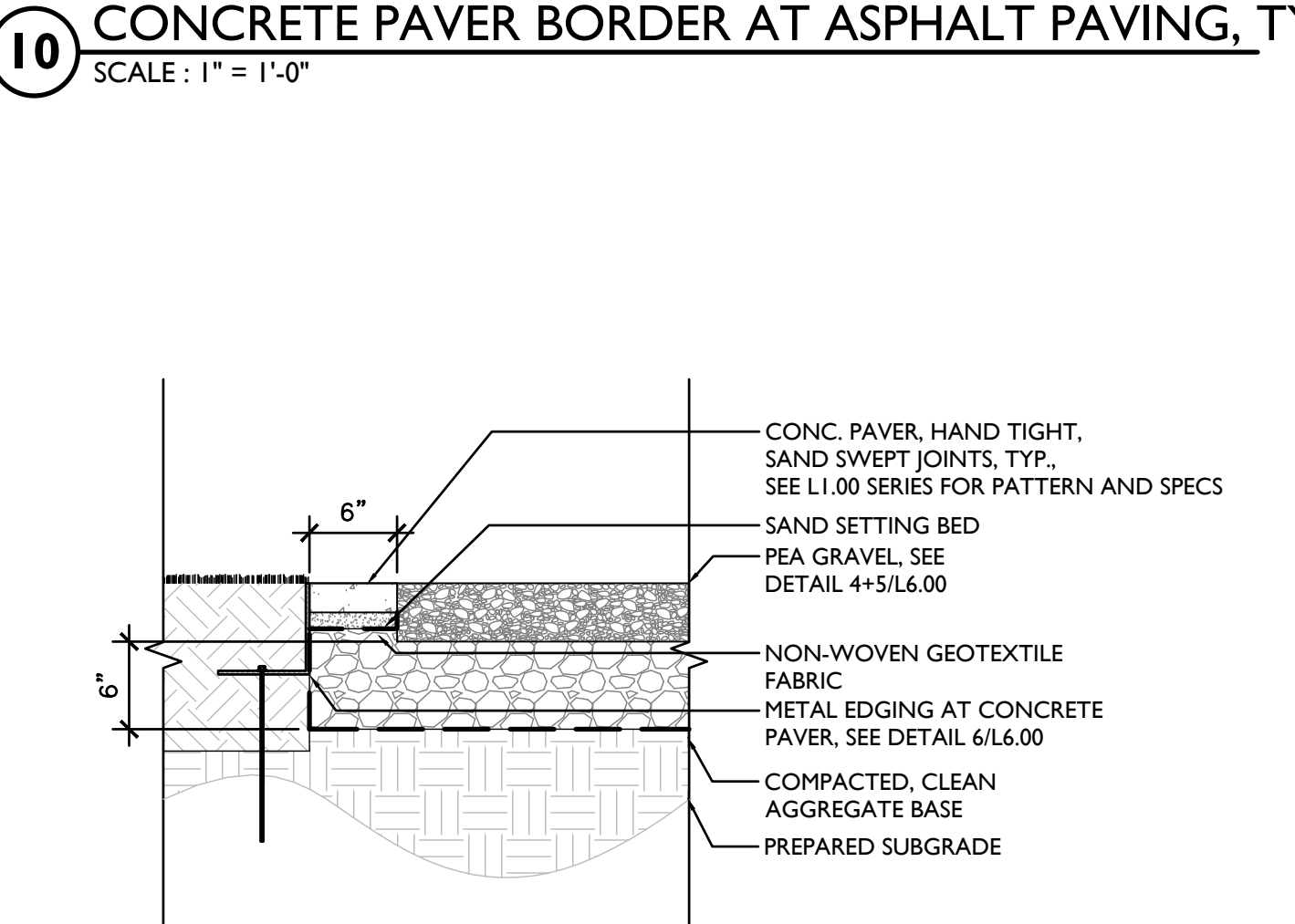
12 FLUSH CIP CONCRETE CURB, TYP.  
SCALE : 1" = 1'-0"



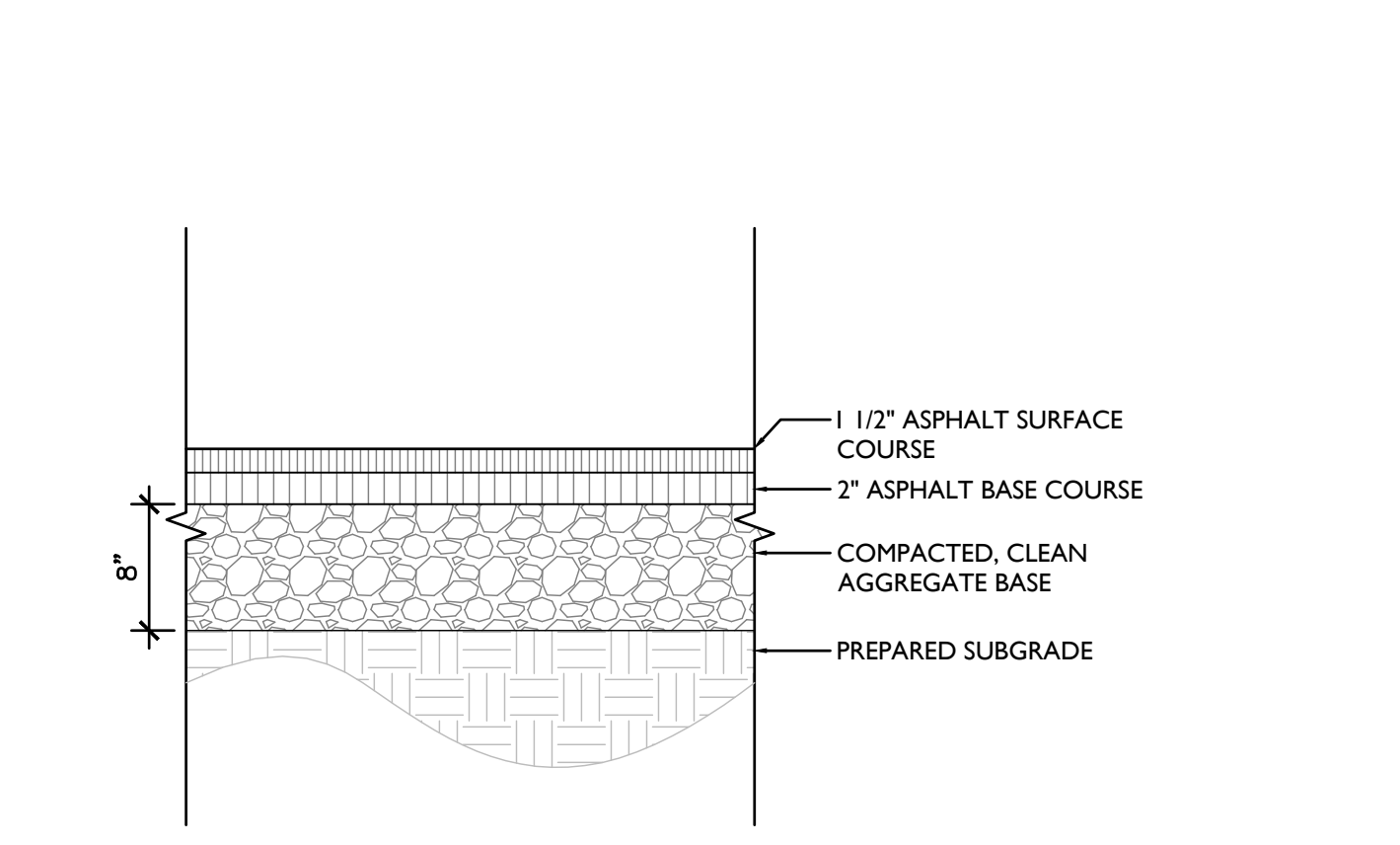
11 DETECTABLE WARNING PAVER, TYP.  
SCALE : 1" = 1'-0"



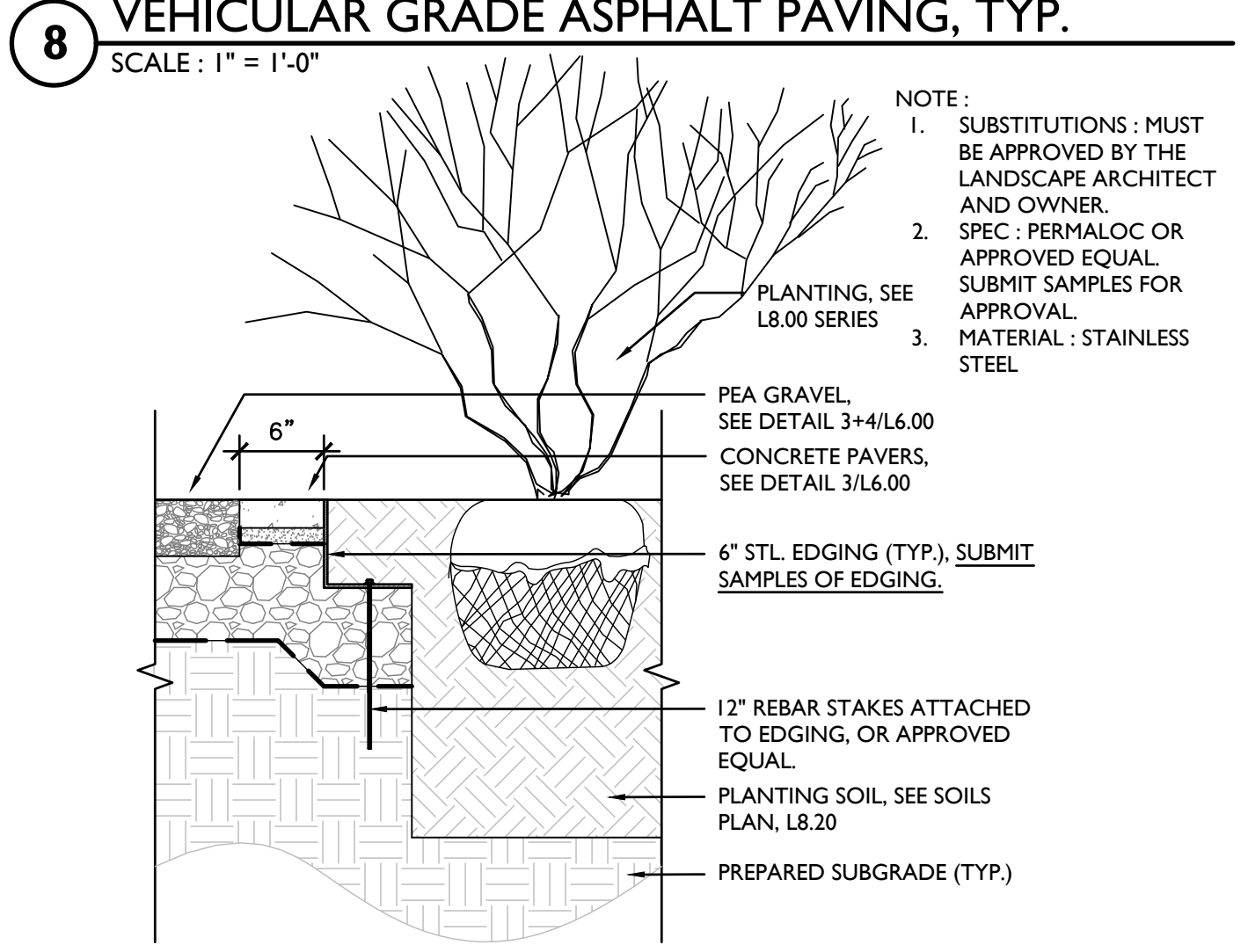
10 CONCRETE PAVER BORDER AT ASPHALT PAVING, TYP.  
SCALE : 1" = 1'-0"



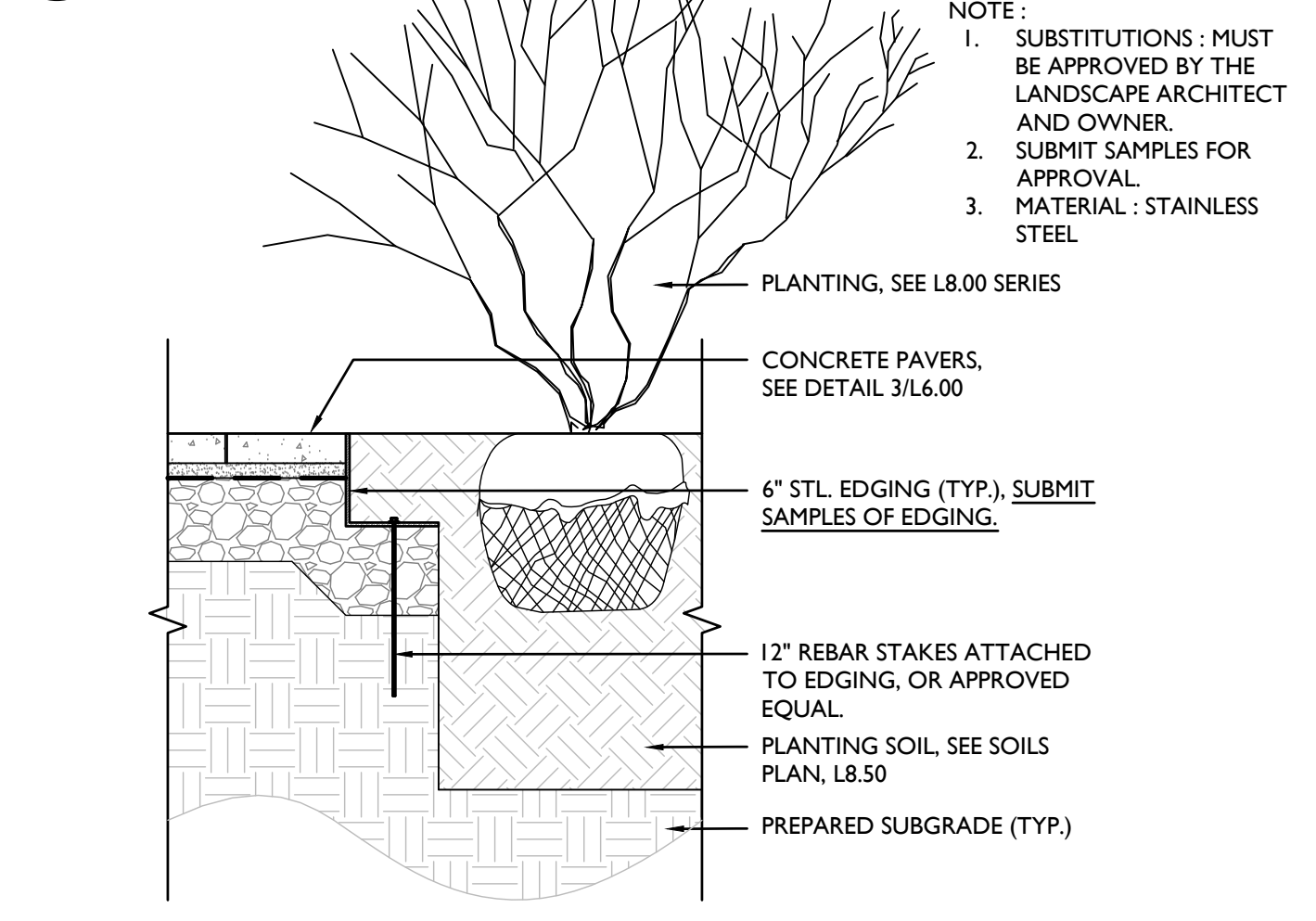
9 CONCRETE PAVER EDGE AT PEA GRAVEL TYPE 4, TYP.  
SCALE : 1" = 1'-0"



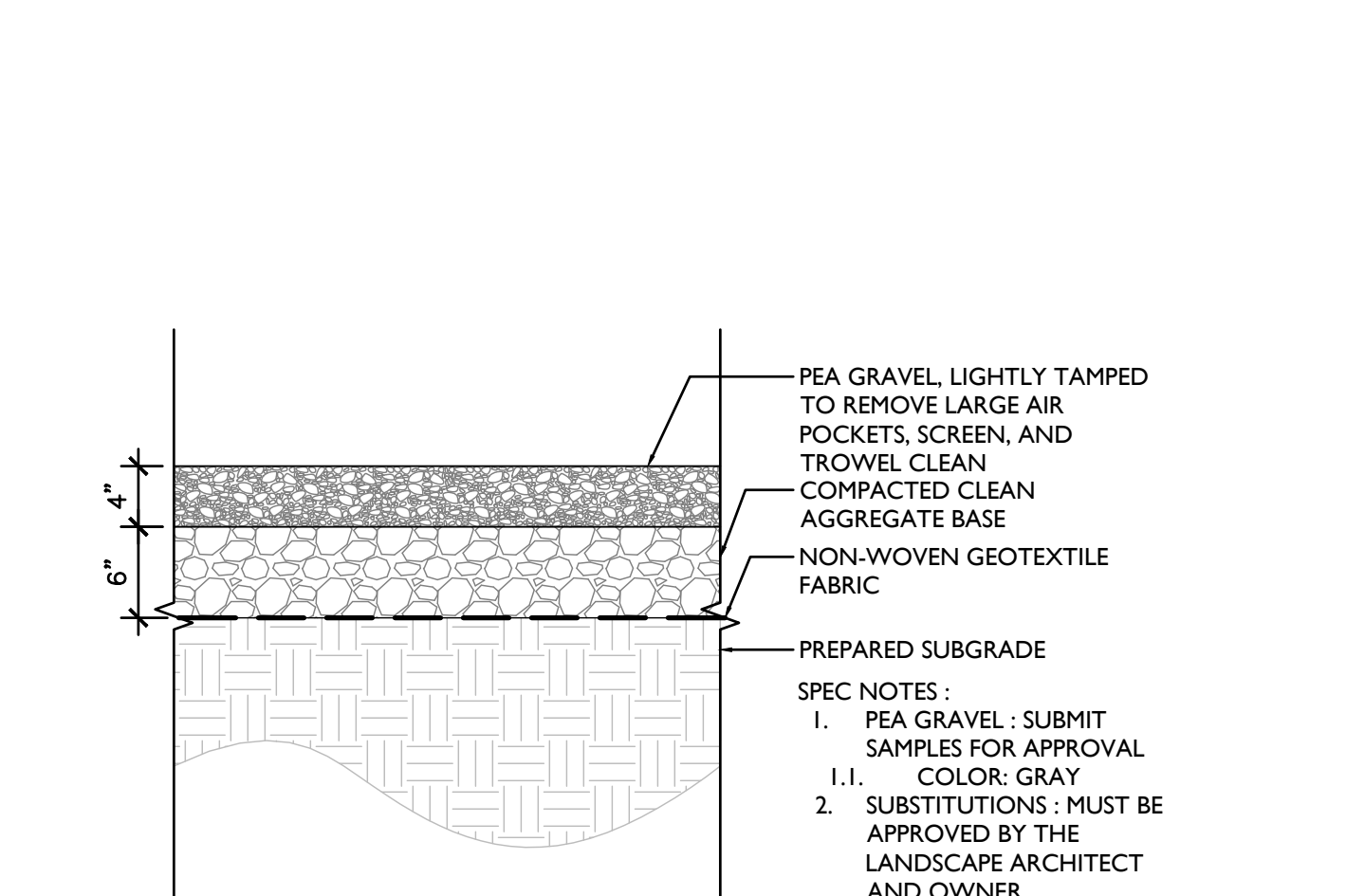
8 VEHICULAR GRADE ASPHALT PAVING, TYP.  
SCALE : 1" = 1'-0"



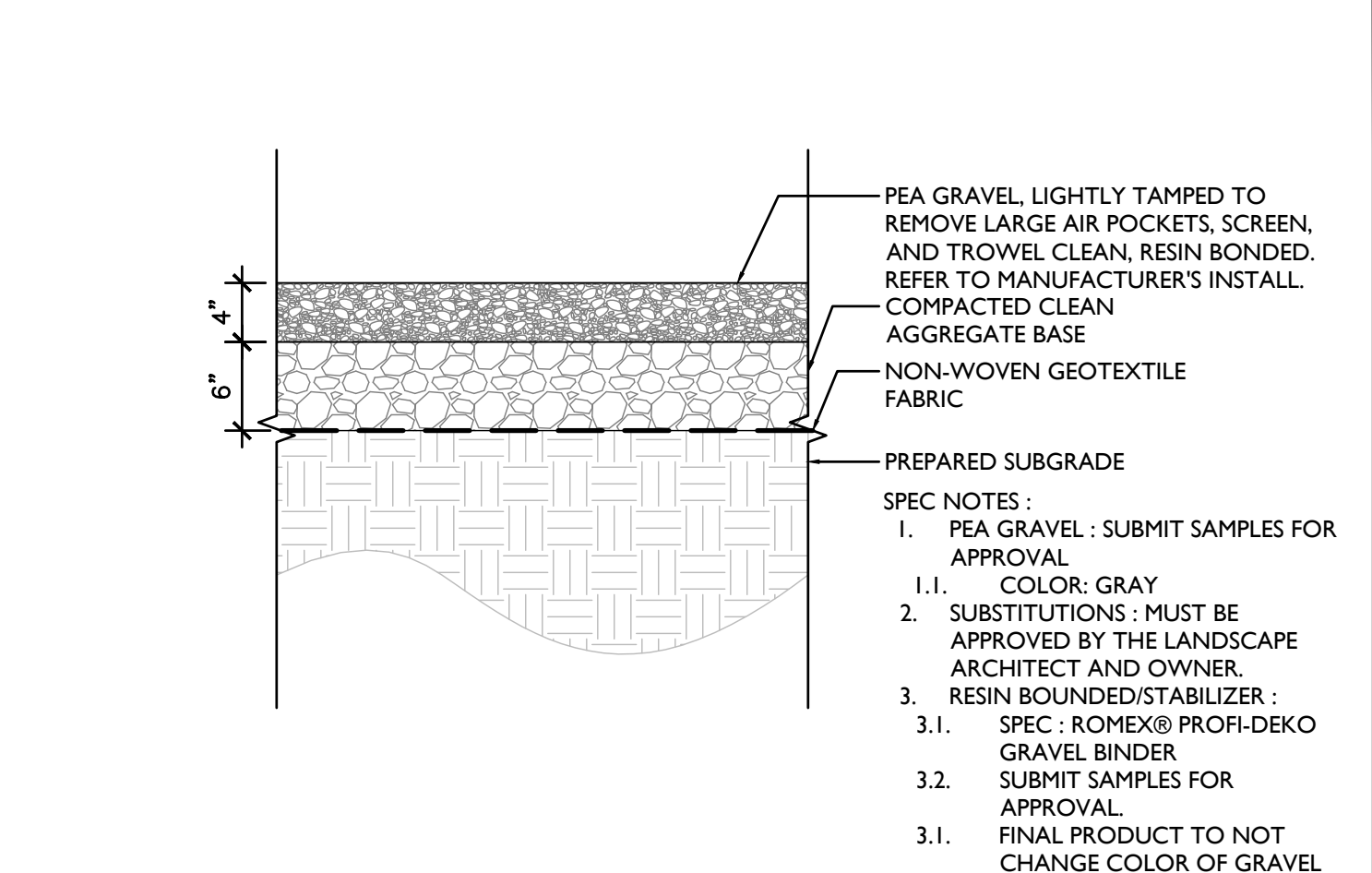
7 METAL EDGING AT PEA GRAVEL, TYP.  
SCALE : 1" = 1'-0"



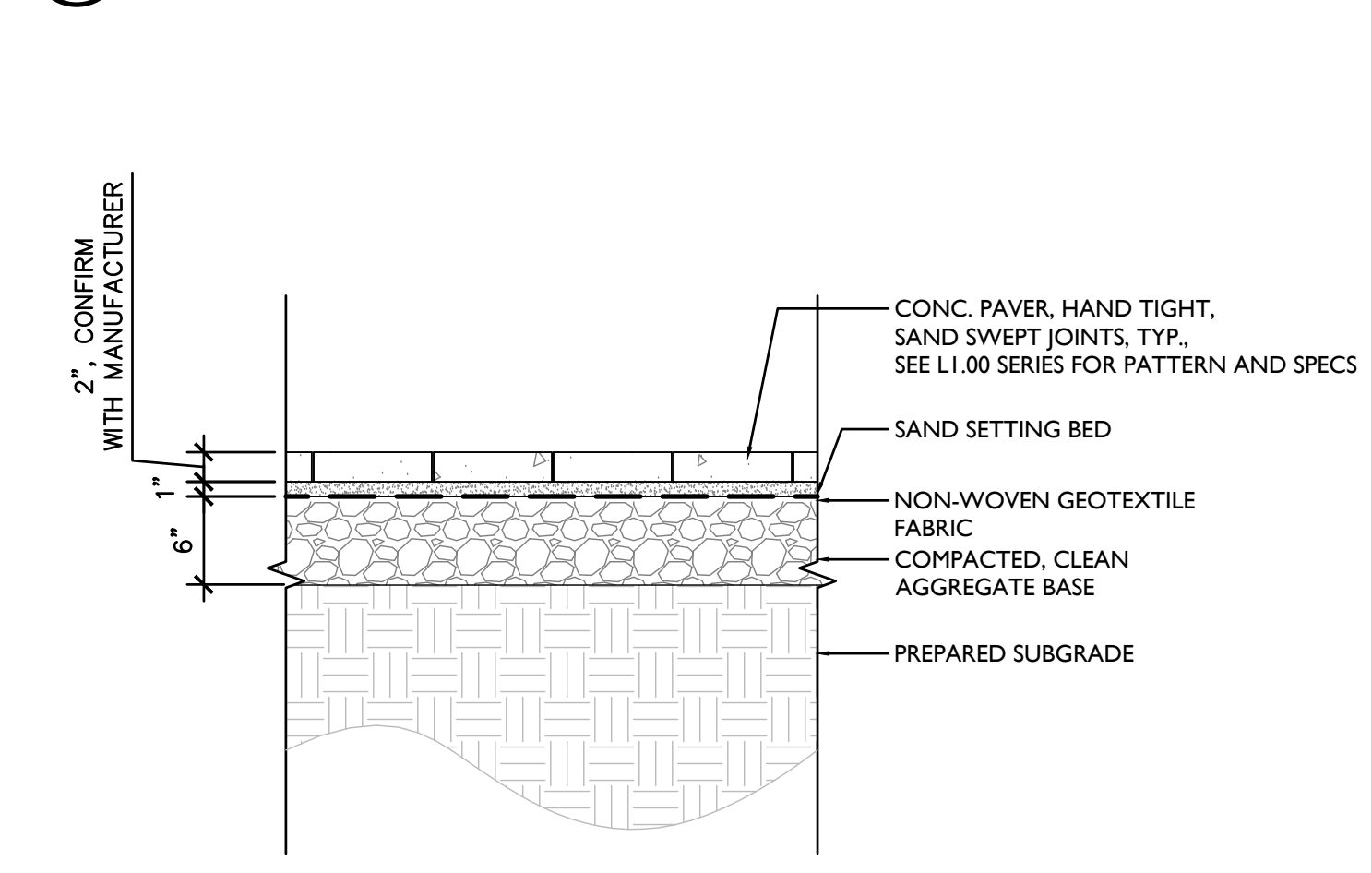
6 METAL EDGING AT CONCRETE PAVERS, TYP.  
SCALE : 1" = 1'-0"



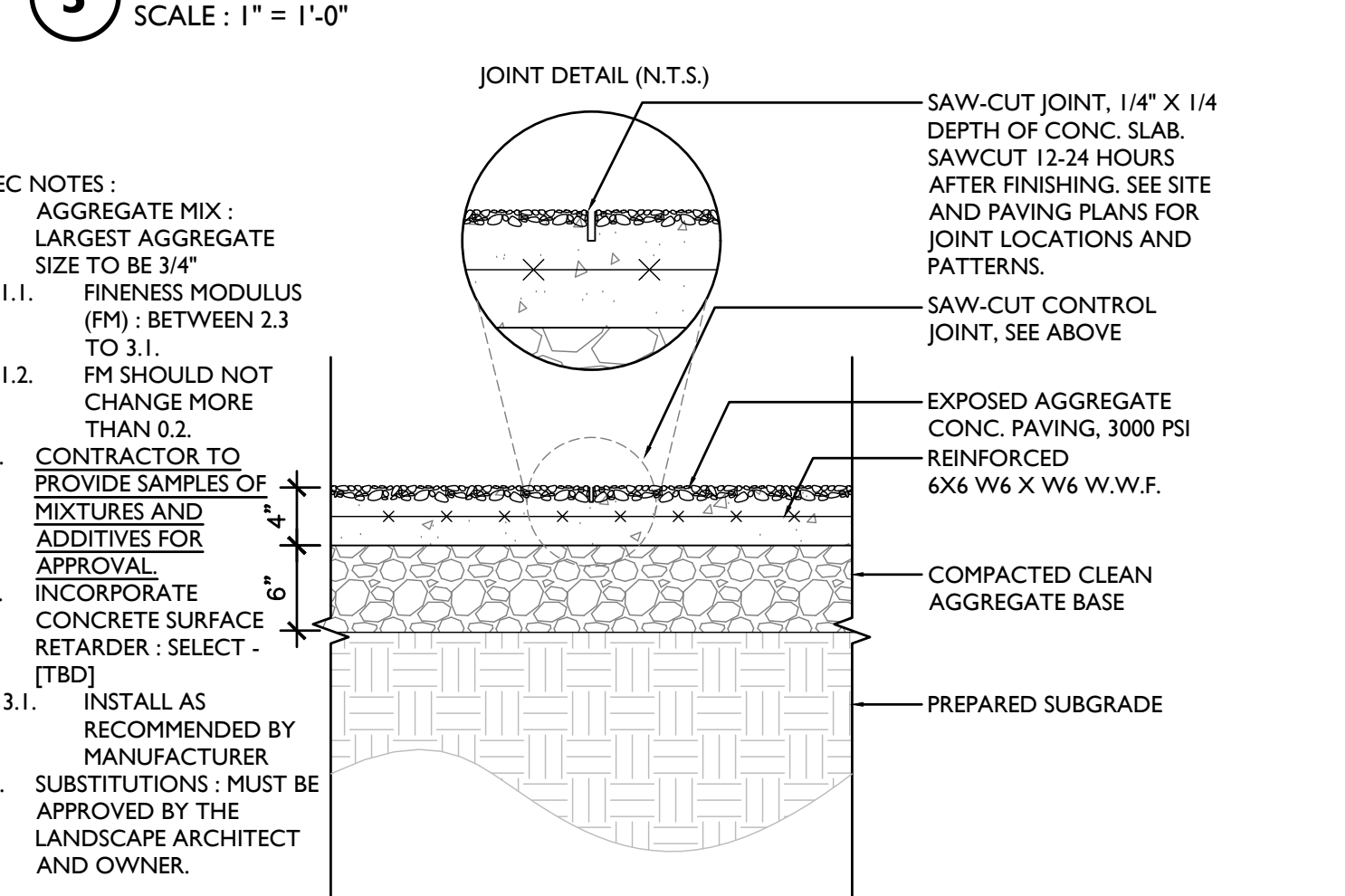
5 PEA GRAVEL TYPE 4 ON STONE BASE, TYP.  
SCALE : 1" = 1'-0"



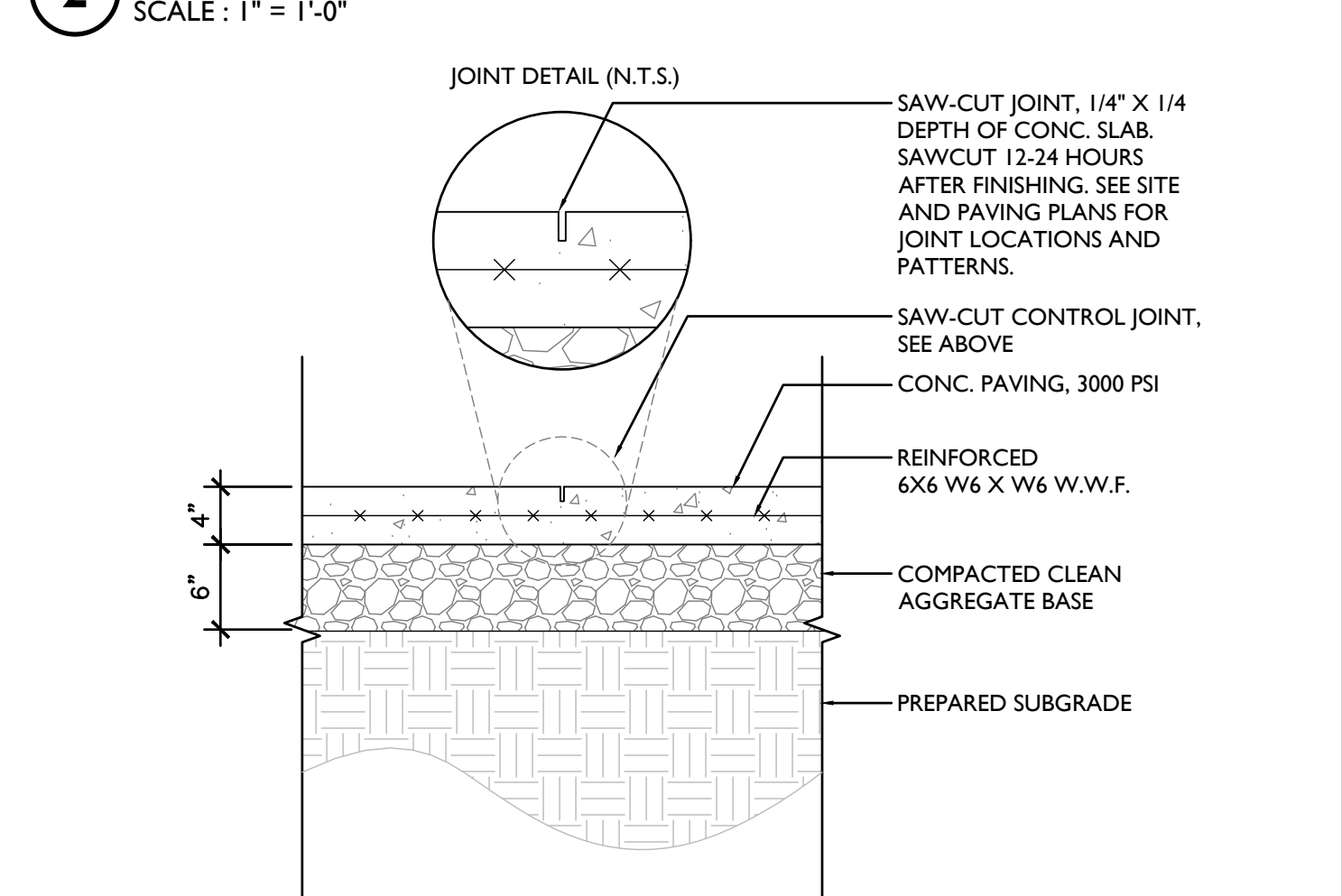
4 PEA GRAVEL TYPE 3 ON STONE BASE, TYP.  
SCALE : 1" = 1'-0"



3 CONCRETE PAVERS ON STONE BASE, TYP.  
SCALE : 1" = 1'-0"



2 EXPOSED AGGREGATE CONCRETE PAVING, TYP.  
SCALE : 1" = 1'-0"

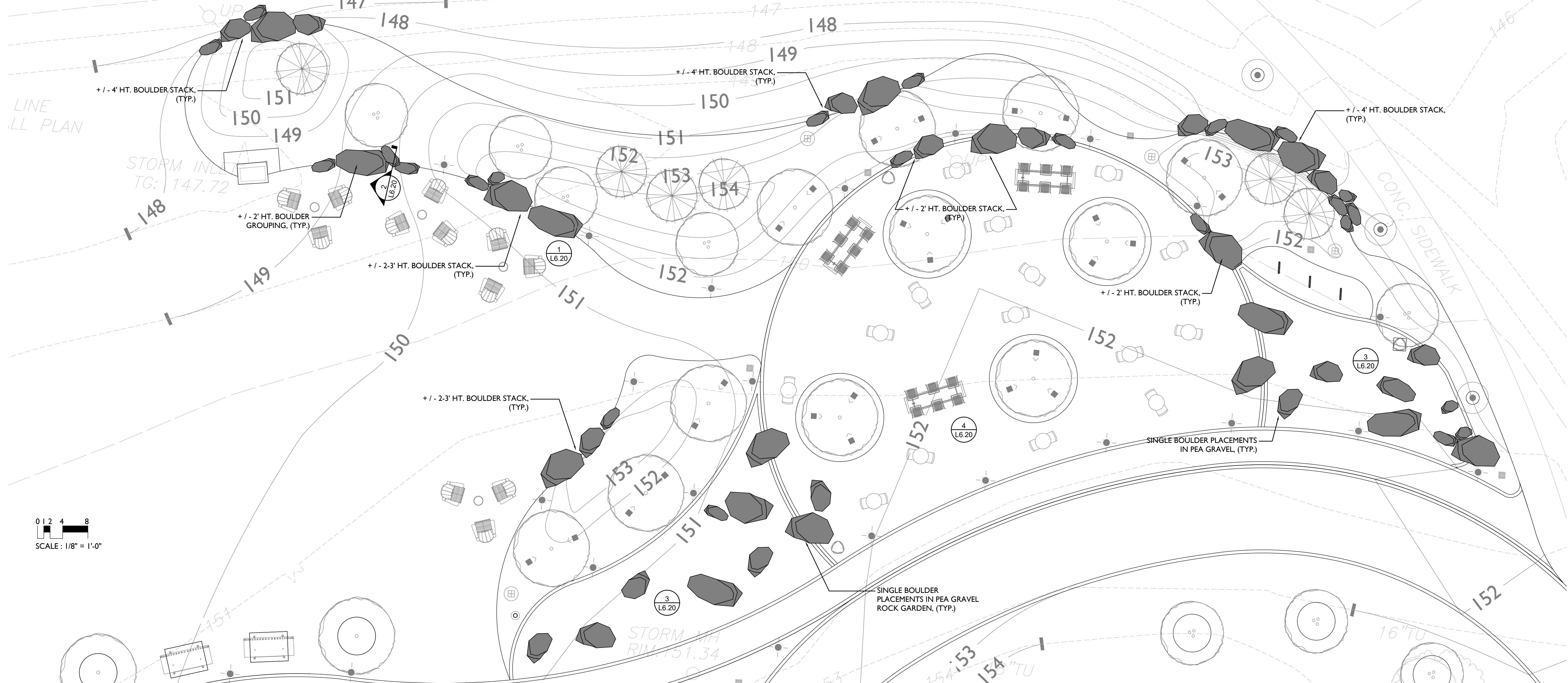


1 CIP SAWCUT CONCRETE PAVING, TYP.  
SCALE : 1" = 1'-0"

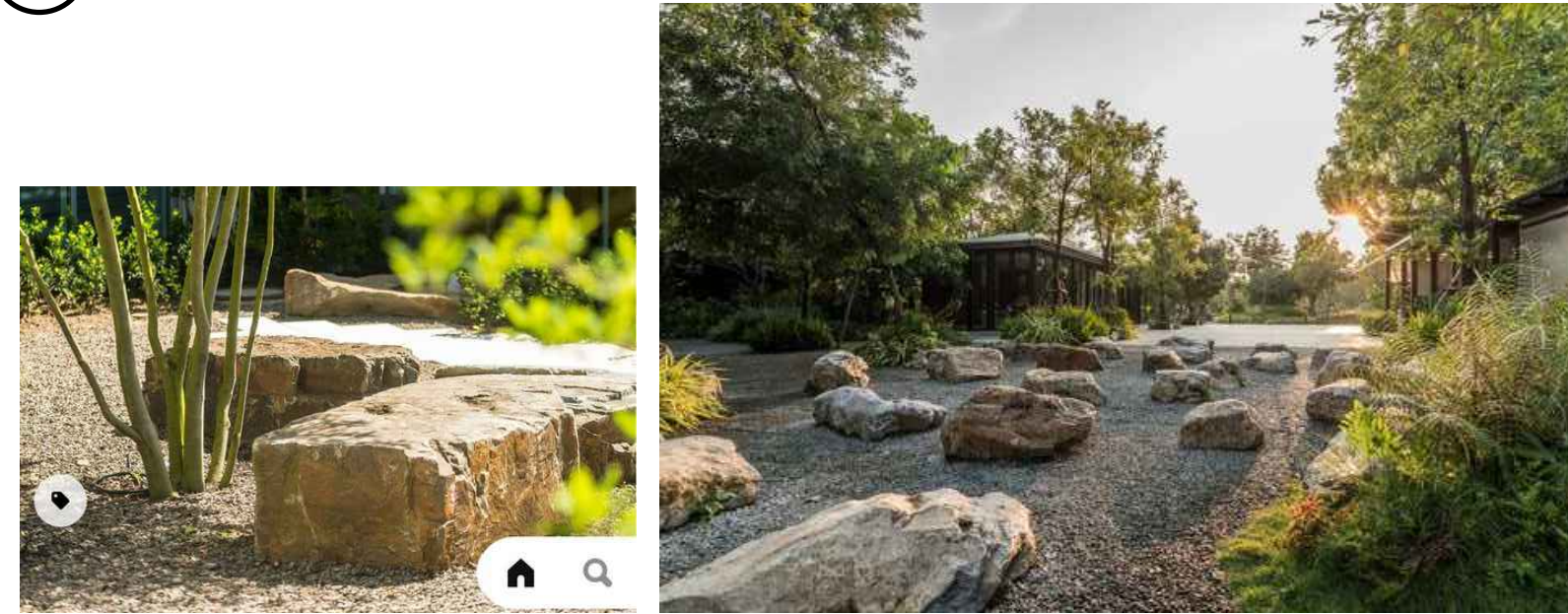
REVISIONS		
NO.	DATE	NOTES

DRAWN BY	VAM / TAS
CHECKED BY	PJS
SCALE	VARIES
DATE	05.23.2025
PLOTTED DATE	06.12.2025
DRAWING NAME	

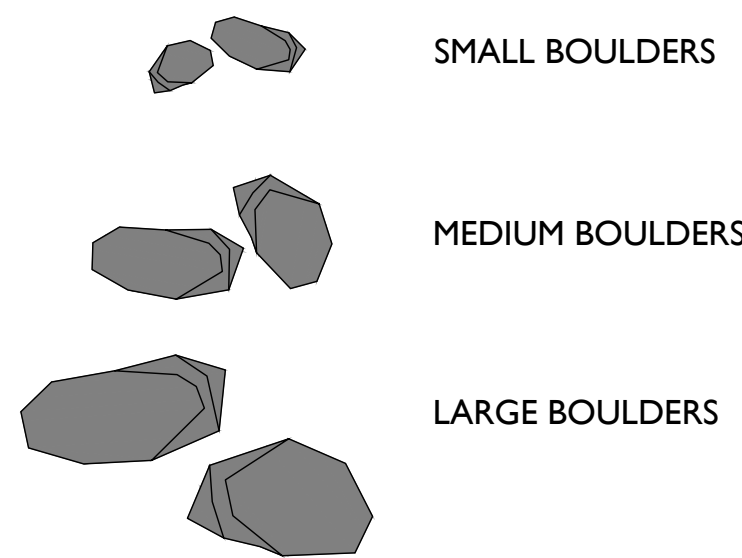




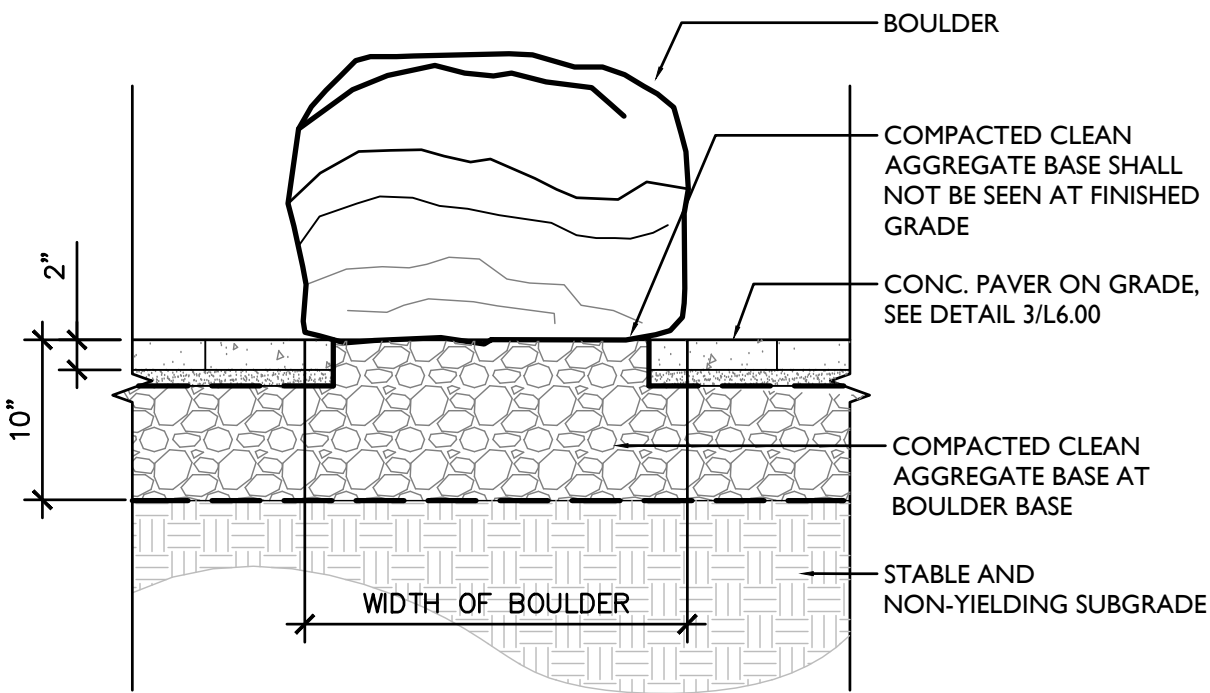
7 BOULDER PLACEMENT DETAIL PLAN  
SCALE : 1/8" = 1'-0"



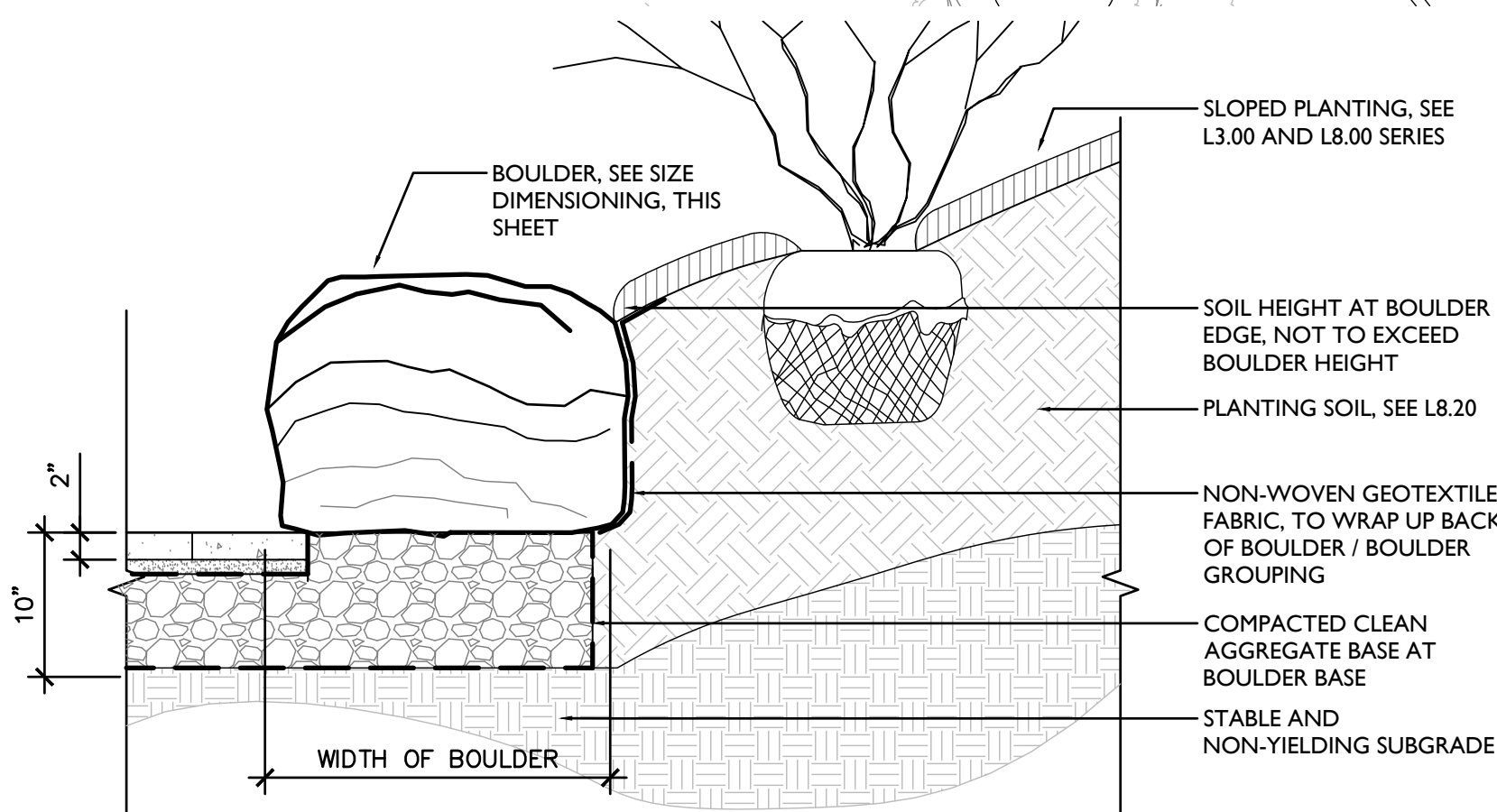
BOULDER LEGEND



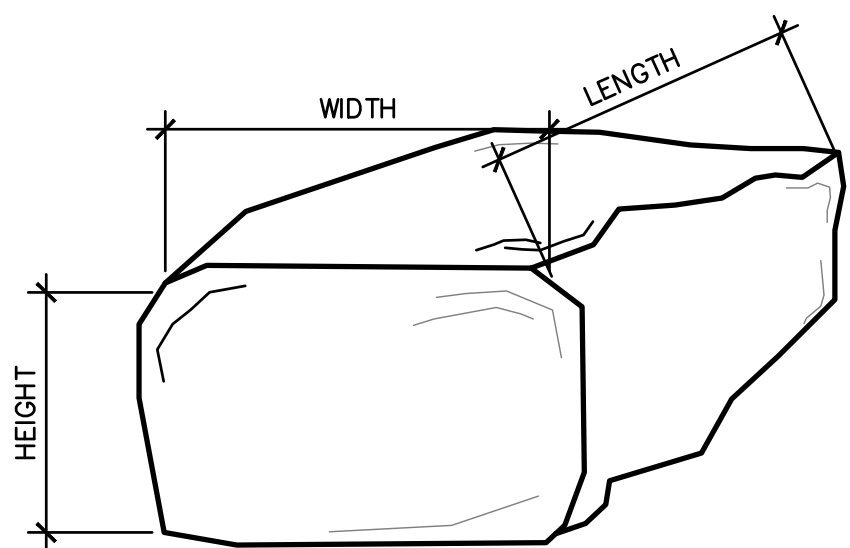
4 BOULDER IN CONCRETE PAVER AREA, TYP.  
SCALE : 1" = 1'-0"



2 BOULDER AT PLANTING AREA BORDER, TYP.  
SCALE : 1" = 1'-0"



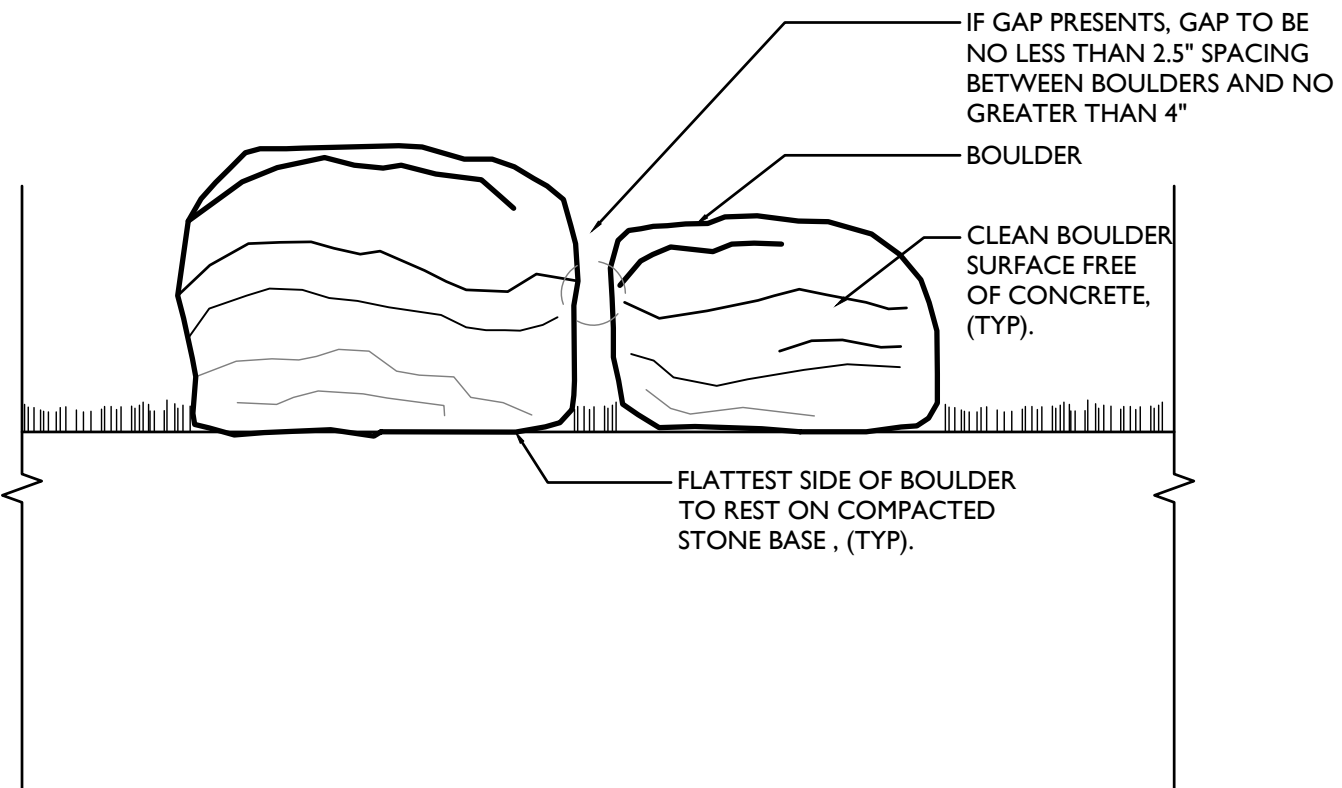
6 BOULDER DIMENSION/IMAGERY DIAGRAM, TYP.  
SCALE : 1" = 1'-0"



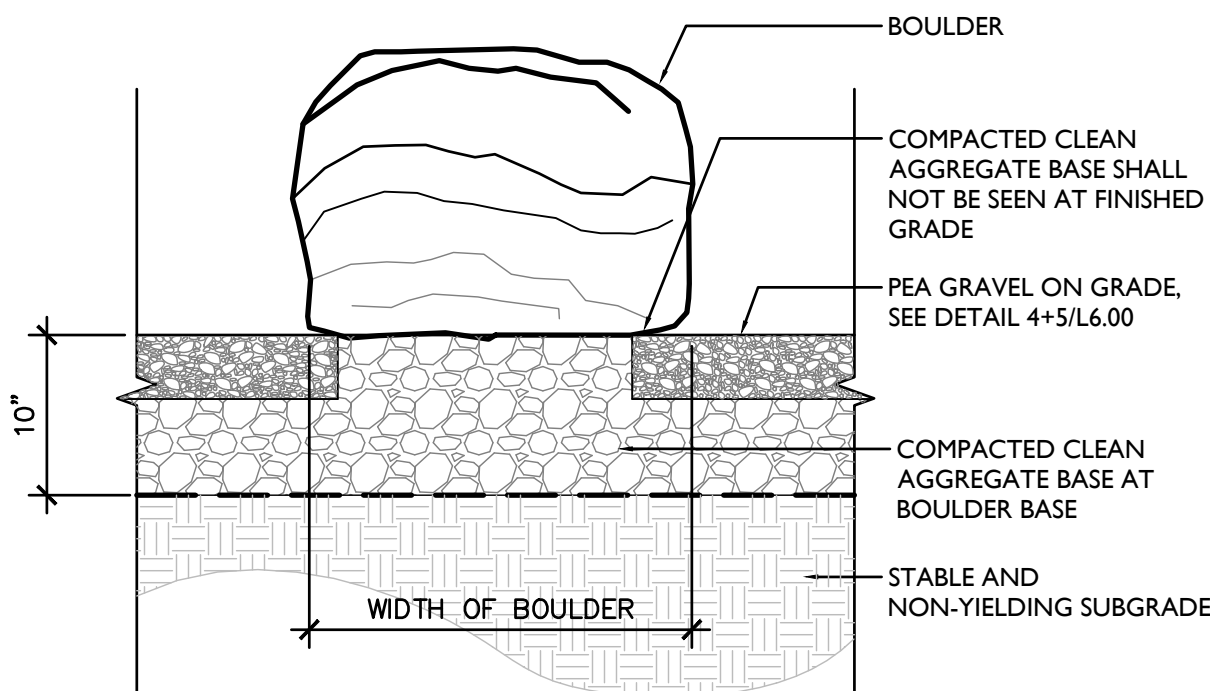
NOTE:  
1. ALL BOULDER EDGES TO BE ROUNDED, WITH NO PROTRUSIONS OR SHARP EDGES. LANDSCAPE ARCHITECT TO SELECT AND PLACE BOULDERS IN FIELD.

SIZE	WIDTH	LENGTH	HEIGHT
SMALL	18-24"	3'	12-18"
MEDIUM	3'	5-6'	18-24"
LARGE	4'	≥8'	18-30"

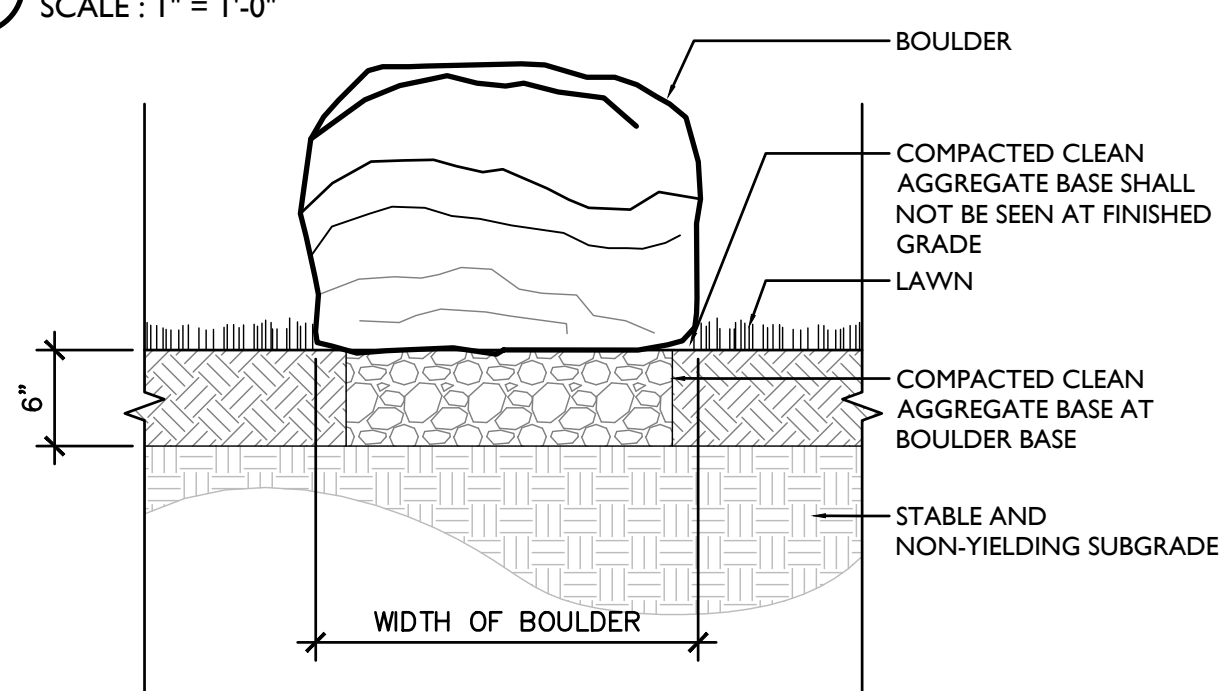
5 BOULDER PLACEMENT DIAGRAM, TYP.  
SCALE : 1" = 1'-0"



3 BOULDER IN PEA GRAVEL AREA, TYP.  
SCALE : 1" = 1'-0"



1 BOULDER IN LAWN AREA, TYP.  
SCALE : 1" = 1'-0"



LICENSE #: LA003025

TEAM  
LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER  
**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

PROJECT NAME

RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406

REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE VARIES

DATE 05.23.2025

PLOTTED DATE 06.12.2025

DRAWING NAME

BOULDER DETAILS





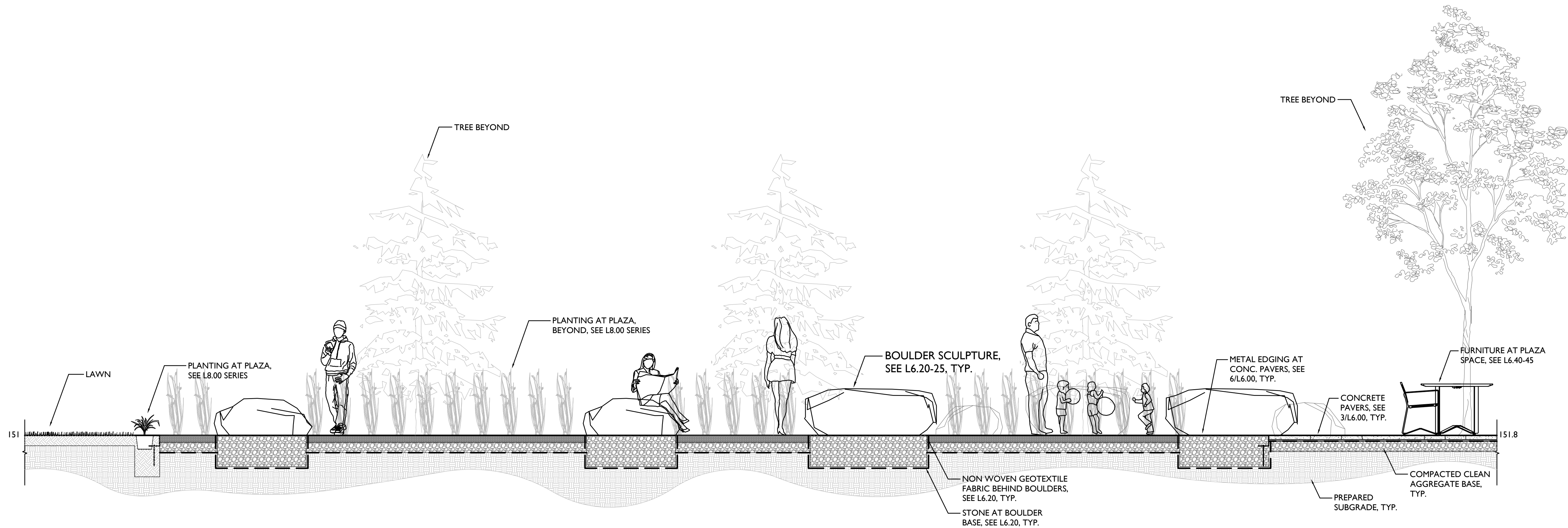
LICENSE #: LA003025

TEAM

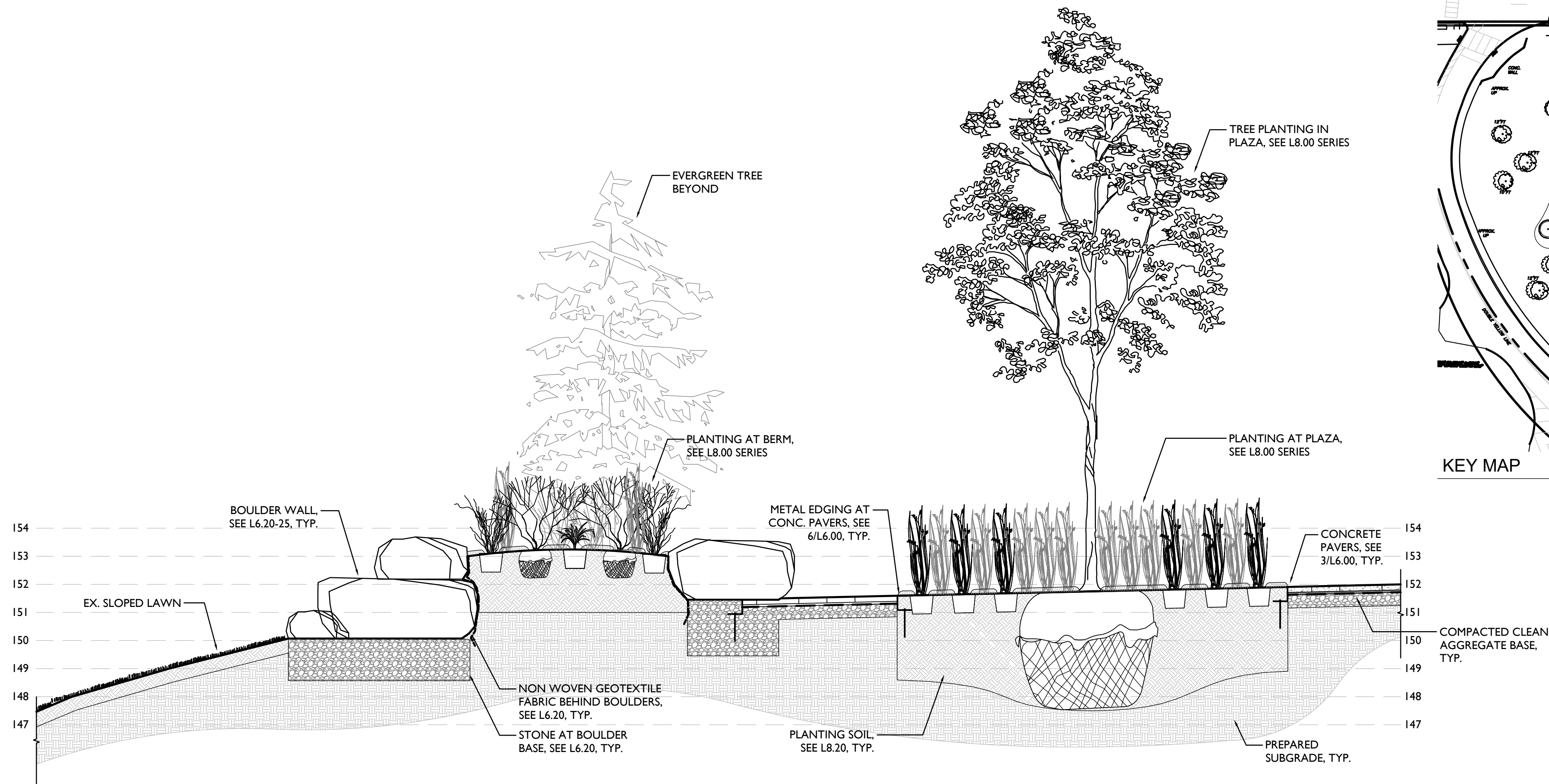
LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER

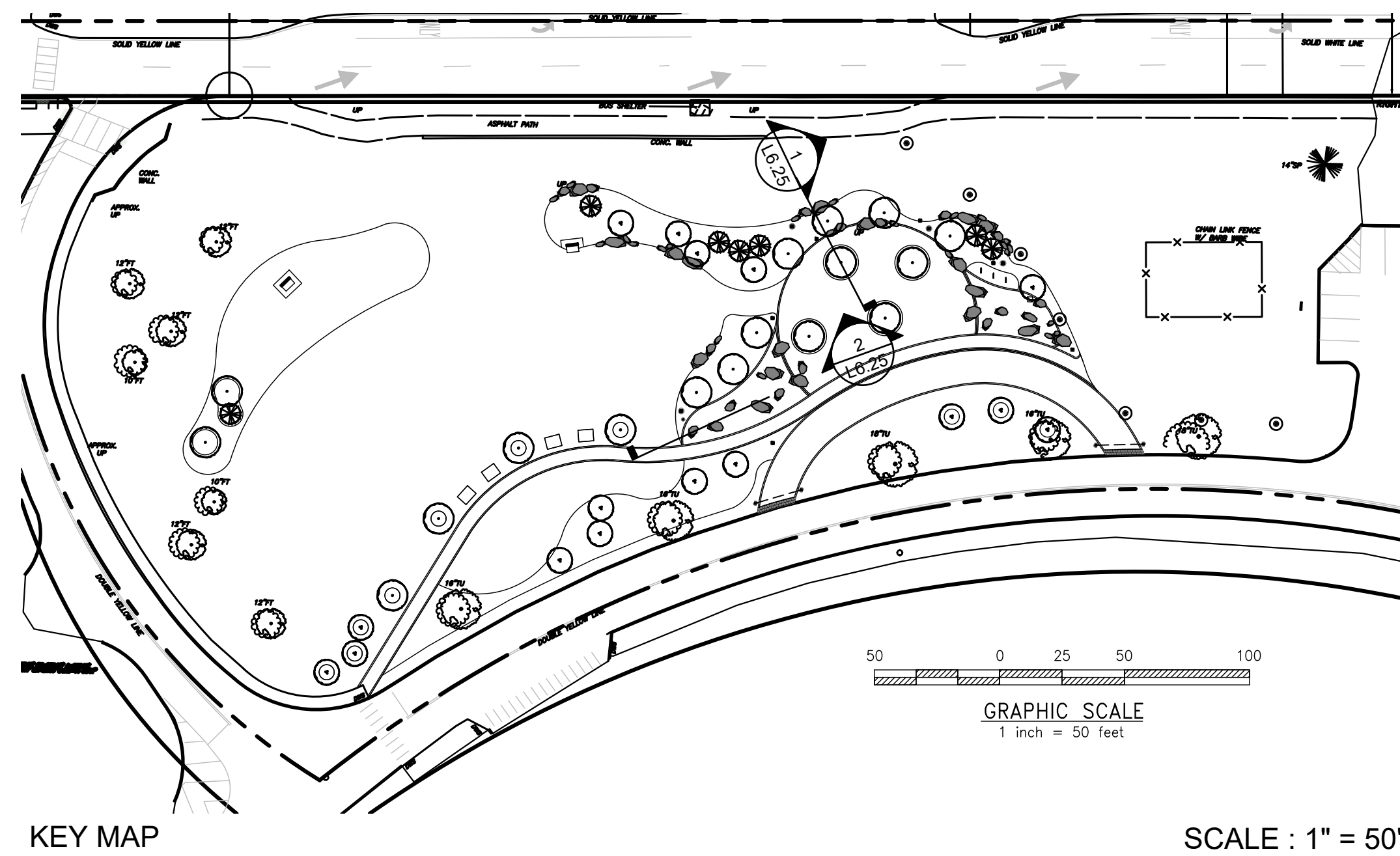
**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452



**2** BOULDER SECTION AT ROCK GARDEN, TYP.  
SCALE : 3/8" = 1'-0"



**1** BOULDER SECTION AT PLANTING BERM, TYP.  
SCALE : 3/8" = 1'-0"



SCALE : 1" = 50'

PROJECT NAME

**RECHARGE PARK**

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE VARIES

DATE 05.23.2025

PLOTTED DATE 06.12.2025

DRAWING NAME

**BOULDER SECTIONS**





LANDSCAPE ARCHITECT  
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OWNER

**KING OF PRUSSIA DISTRICT**  
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KING OF PRUSSIA, PA 19406  
484.681.9452



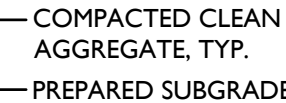
Shipping calculated at checkout



Weight: 2000 lbs

5. CONTRACTOR TO REVIEW FOR REINFORCING AND FOUNDATION.

(2)



©

— MOUNTING BRACKET, ATTACH TO CONCRETE PAD, FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS, TYP.

4



3



0 1 2 4 8  
SCALE: 1/4" = 1'-0"

5



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DRAWING NAME

**L6.30**  
14 OF 23





BOULDER SEAT ONE01-102

#### Inquiry

Categories: Accessories, Tank Cover Tags: Elementi GRC Seat Tank cover

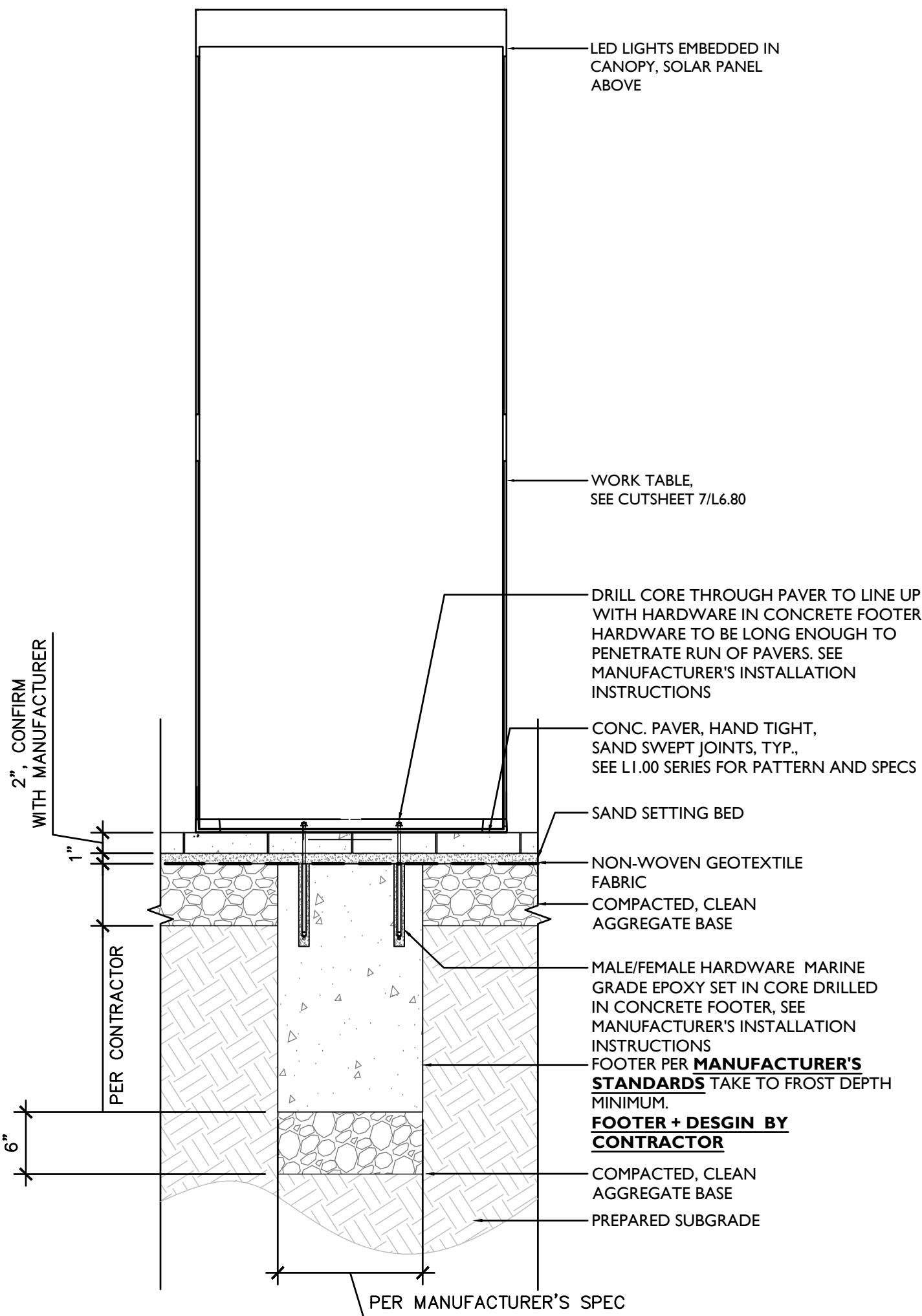
#### Description

##### Product Description

- Item Number: ONE01-102
- Body construction: High performance cast concrete
- Product size: 18.1 x 16.4 x 15 inch / 46 x 37.1 x 38.1 cm
- Product weight: 34.1 lbs / 15.5 kgs

##### BOULDER SIDE TABLE NOTES:

1. MANUFACTURER: ELEMENTI
2. TYPE: BOULDER SEAT, CAST CONCRETE
3. COLOR: STANDARD
4. MOUNTING: FREESTANDING



6 OUTDOOR WORKTABLE - SECTION, TYP.  
SCALE : N.T.S.

## Chipman

### Product Data Sheet



- Chair**
  - The frame of Chipman is formed of aluminum castings welded together to make the final form.
  - Powdercoated seating is offered armless, or with arms, is lightweight and nests.
  - Bumper/glides are made of tough nylon to resist damage from dragging on rough surfaces.

- Stool**
  - The frame of Chipman is formed of aluminum castings welded together to make the final form.
  - Powdercoated seating is offered armless, is lightweight and nests.
  - Bumper/glides are made of tough nylon to resist damage from dragging on rough surfaces.

- Finishes**
  - All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading.
  - Call for standard color chart.

##### To Specify

- Table**
  - Select table size, shape, height, and powdercoat color. Specify surface mount or freestanding. Select with or without umbrella hole for dining table only. If specified with umbrella, table must be surface mounted.
- Chair**
  - Select chair with arms, or armless, and powdercoat color.
- Stool**
  - Select powdercoat color.

Designed by Robert Chipman  
Chipman is protected by U.S. Patent No. D684,543; D69,544; D746,074; D718,558

Chair	Style	Depth	Width	Height	Product Weight
	Armless	22"	20"	33"	17 lb.
	Arms	22"	24"	33"	20 lb.

Stool	Style	Depth	Width	Height	Product Weight
	Stool	19"	22"	35"	18 lb.

##### WORKTABLE CHAIR NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: CHIPMAN STOOL
3. COLOR: BLUE ASH
4. MOUNTING: FREESTANDING

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7 WORKTABLE CHAIRS - CUTSHEET, TYP.  
SCALE : N.T.S.

## GO OutdoorTable

### Product Data Sheet



- Standing Height with Canopy**
  - Table is constructed of a cast and extruded aluminum frame with rolled steel surface panels
  - Table must be surface mounted, anchoring hardware is provided
  - The table features a unique mounting system that allows for leveling adjustment
  - Table ships fully assembled
  - Canopied table is available with hardwired or solar power options

##### Hardwired

- Power garages hosting charging ports are located on the inside panels of the table canopy
- One or two power garages can be specified (for two garages, placement is one on each outer leg panel)
- Power garages can feature GFCI/USB combo charging ports
- See charging port diagram for hardwired option arrangement
- Hardwired tables with canopy are available with optional overhead LED lighting
- LED Lights have a color temperature of 3000K
- Note: hardwired LED lights remain constantly lit
- Through our Specials department, hardwired tables with canopy offer the ability to host technology, such as an all-weather monitor
- Please contact a Landscape Forms representative to evaluate options
- Monitors and other technology accessories are not available for purchase through Landscape Forms
- *Note: A Monitor/TV is only available with the hard-wired version only

##### Solar

- Power garages hosting charging ports are located on the inside panels of the table canopy
- One or two power garages can be specified (for two garages, placement is one on each outer leg panel)
- Power garages feature USB charging ports
- See charging port diagram for solar arrangement
- Solar-powered tables are available with optional overhead LED lighting
- LED lights have a color temperature of 3000K
- LED lights for solar powered tables are programmed to turn on at dusk and turn off at dawn light levels

Table	Style	Depth	Width / Length	Height	Weight
	Standing Height w/ Canopy	30"	114"	80"	755 lb.
	Standing Height w/ Canopy, Solar	30"	114"	80"	755 lb.

Standing Height with Canopy Power Garage Location					

LED Light Locations on Standing Height with Canopy					

HW GFCI/USB	Solar USB

##### OUTDOOR WORKTABLE NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: GO OUTDOOR TABLE, CANOPY, SOLAR
3. ADDITIONAL: USB, GFCI, LIGHTING, TV
4. COLOR: BLUE ASH
5. MOUNTING: SURFACE MOUNTED TO CONCRETE, SEE SECTION THIS SHEET AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

5 OUTDOOR WORKTABLE - CUTSHEET, TYP.  
SCALE : N.T.S.

## Every Day Chair

### Product Data Sheet



- Chair**
  - The Every Day chair is designed to accommodate a variety of postures.
  - The Every Day chair is a freestanding chair available with or without arms.
  - The frame of the chair is formed from bent wire and steel strapping.
  - Chairs are stackable, up to four high.
  - Glides are made of tough nylon to resist damage from dragging on rough surfaces.

##### Finishes

- All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading.
- The Every Day Chair comes standard in one color, but can be customized in color combinations.

##### To Specify

- Specify the Every Day Chair, select with or without arms, and choose powdercoat color.

Designed by Landscape Forms

	Style	Depth	Length	Height	Weight
	With Arms	21"	22.75"	31.75"	22 lbs.
	Without Arms	21"	22.5"	31.75"	20 lbs.

##### DINING CHAIR NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: EVERYDAY CHAIR
3. COLOR: (10) BLUE ASH, (10) MANGO, (10) CHILI
4. MOUNTING: FREESTANDING

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4 DINING CHAIR - CUTSHEET, TYP.  
SCALE : N.T.S.

## PARC CENTRE

### Product Data Sheet



##### Table

- The Parc Centre table is available in three sizes: 24" round, 30" round, and 28" square
- Tables are formed of solid 5/16" steel plate welded to heavy duty steel wall tubing support.
- Base plate is 1" diameter solid steel.
- All parts are powdercoated.
- Table is available as either a surface mount or freestanding with adjustable levers.

##### Finishes

- All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.
- Call for standard color chart.

##### To Specify

- Table Select table size and style, and powdercoat color.
- Specify surface mount or freestanding
- Seating Select chair or lounge with arms, or armless, and powdercoat color.
- Ottoman Select ottoman and powdercoat color.

Designed by John Rizzi

Parc Centre chair design is protected by U.S. Patent Nos. D569,121; D672,496

	STYLE	DIAMETER	HEIGHT	PRODUCT WEIGHT
	24" round	24"	30"	71 lb.
	30" round	30"	30"	94 lb.
	28" square	28" w/31" x 28" depth	30"	100 lb.

##### 2-TOP TABLE NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: PARC CENTRE TABLE 30" ROUND
3. COLOR: (5) BLUE ASH, (5) MANGO, (5) CHILI
4. MOUNTING: FREESTANDING

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3 2-TOP TABLE - CUTSHEET, TYP.  
SCALE : N.T.S.

## Harpo Lounge Chair

### Product Data Sheet



- Lounge Chair**
  - Lounge chair is available with freestanding, surface mount, or embedded supports.
  - Steel supports are powdercoated.
  - Available only in jarrah, ipe, or domestically sourced thermally modified ash (DSTMA) 3/4" wide wood slats.
  - Supports have arms welded on.
  - Wood boards are available in either exterior or interior finishes.

##### Finishes

- Interior woods are finished with Landscape Forms' exclusive LF-80 wood finish, a clear, catalyzed acrylic lacquer.
- Exterior woods are unfinished and will weather to a soft pewter gray, requiring no future maintenance.
- All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading.
- A wide range of standard, optional and custom colors are available.

##### To Specify

- Specify Harpo Lounge Chair. Select wood type and powdercoat color. Specify surface mount, embedded or freestanding. Lounge Chair ships fully assembled.

Designed by Miguel Mila for Urbidermis

[Click here](https://landscapeforms.com) for patent information related to this product.

Backed	Style	Depth	Length	Height	Weight
	Lounge Chair	32.25"	24.5"	35.5"	77 lb.

*Weights shown are in Jarrah

##### LOUNGE CHAIR TYPE 2 NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: HARPO LOUNGE CHAIR
3. COLOR: CUSTOM RAL - TO MATCH MOORE PARK GREEN
4. WOOD: DOMESTICALLY SOURCED THERMALLY MODIFIED ASH
5. MOUNTING: FREESTANDING

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2 LOUNGE CHAIR TYPE 2 - CUTSHEET, TYP.  
SCALE : N.T.S.

## Harpo Chaise Lounge

### Product Data Sheet



##### Chaise Lounge

- Chaise lounges are available in single and double units.
- Single chaise lounges are available with freestanding/surface mount supports.
- Double chaise lounges are available with only surface mount supports.
- Supports will ship with glides pre-installed. These glides are removed for surface mounting.
- Supports are freestanding/surface mount.
- Steel supports are powdercoated.
- The single chaise is available in jarrah, ipe, or domestically sourced thermally modified ash (DSTMA) 3/4" wide wood slats.
- The double chaise is available in jarrah or ipe, 3/4" wide wood slats.
- Wood boards are available in either exterior or interior finishes.

##### Finishes

- Interior woods are finished with Landscape Forms' exclusive LF-80 wood finish, a clear, catalyzed acrylic lacquer.
- Exterior woods are unfinished and will weather to a soft pewter gray, requiring no future maintenance.
- All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading.
- A wide range of standard, optional and custom colors are available.

##### To Specify

- Specify Harpo chaise lounge, and select option - single or double. Choose wood type and powdercoat color. Chaise lounges ship fully assembled. All chaise lounges are available surface mount only.

Designed by Miguel Mila for Urbidermis

[Click here](https://landscapeforms.com) for patent information related to this product.

Backed	Style	Depth	Length	Height	Weight
	Chaise Lounge	59.5"	24.5"	37.5"	107 lb.
	Double Chaise Lounge	59.25"	47"	37.5"	138 lb.

*Weights shown are in Jarrah

##### LOUNGE CHAIR TYPE 1 NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: HARPO CHAISE LOUNGE CHAIR
3. COLOR: CUSTOM RAL - TO MATCH MOORE PARK GREEN
4. WOOD: DOMESTICALLY SOURCED THERMALLY MODIFIED ASH
5. MOUNTING: FREESTANDING

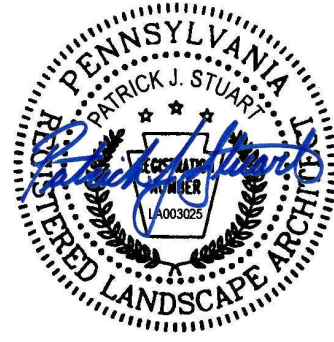
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1 LOUNGE CHAIR TYPE 1 - CUTSHEET, TYP.  
SCALE : N.T.S.



#### SEAL



LICENSE #: LA003025

#### TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

#### OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

#### PROJECT NAME

## RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



#### REVISIONS

NO.	DATE	NOTES

#### DRAWN BY

VAM / TAS

#### CHECKED BY

PJS

#### SCALE

VARIES

#### DATE

05.23.2025

#### PLOTTED DATE

06.12.2025

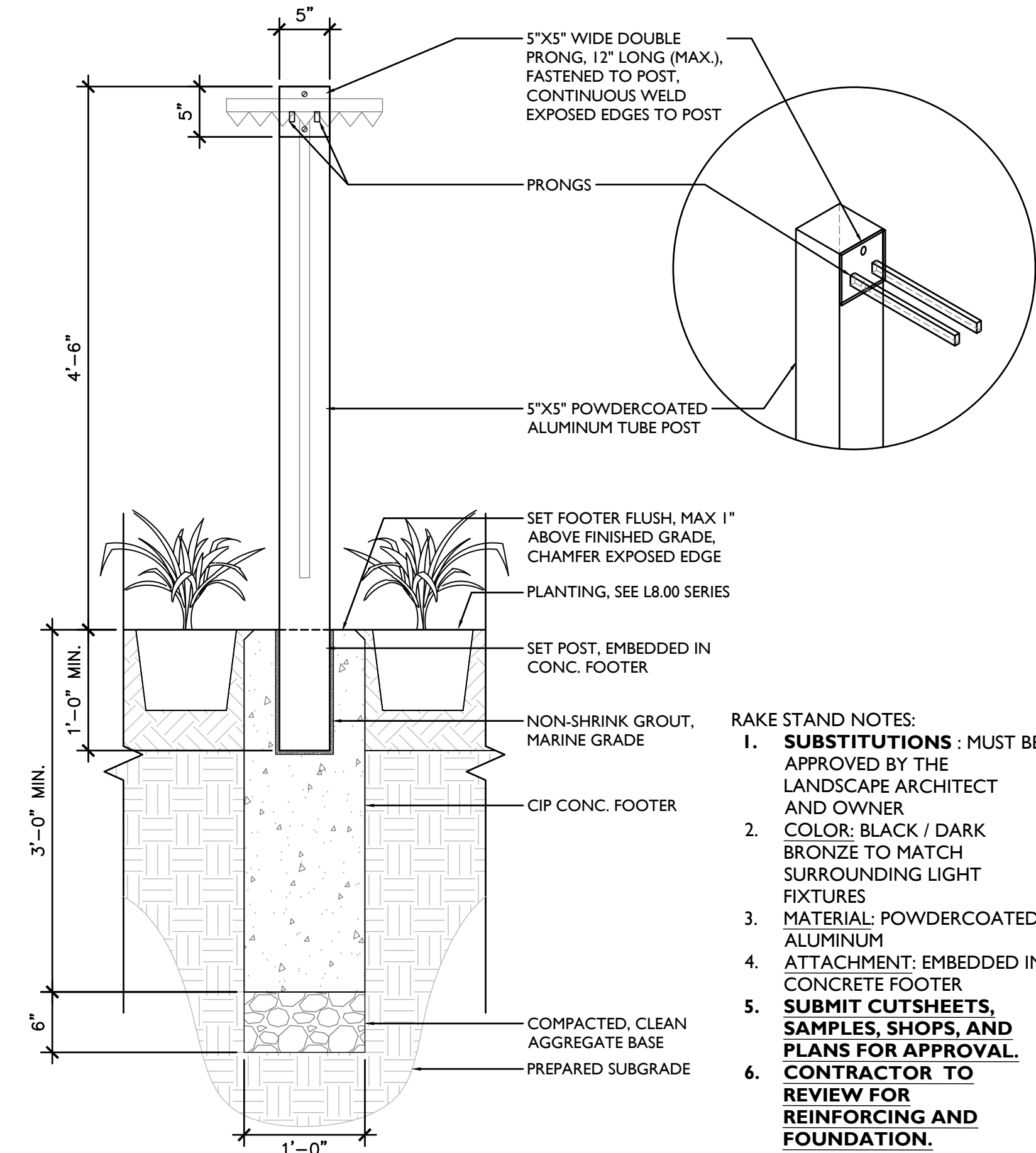
#### DRAWING NAME

## FURNITURE DETAILS AND NOTES

DRAWING NUMBER  
SHEET NUMBER

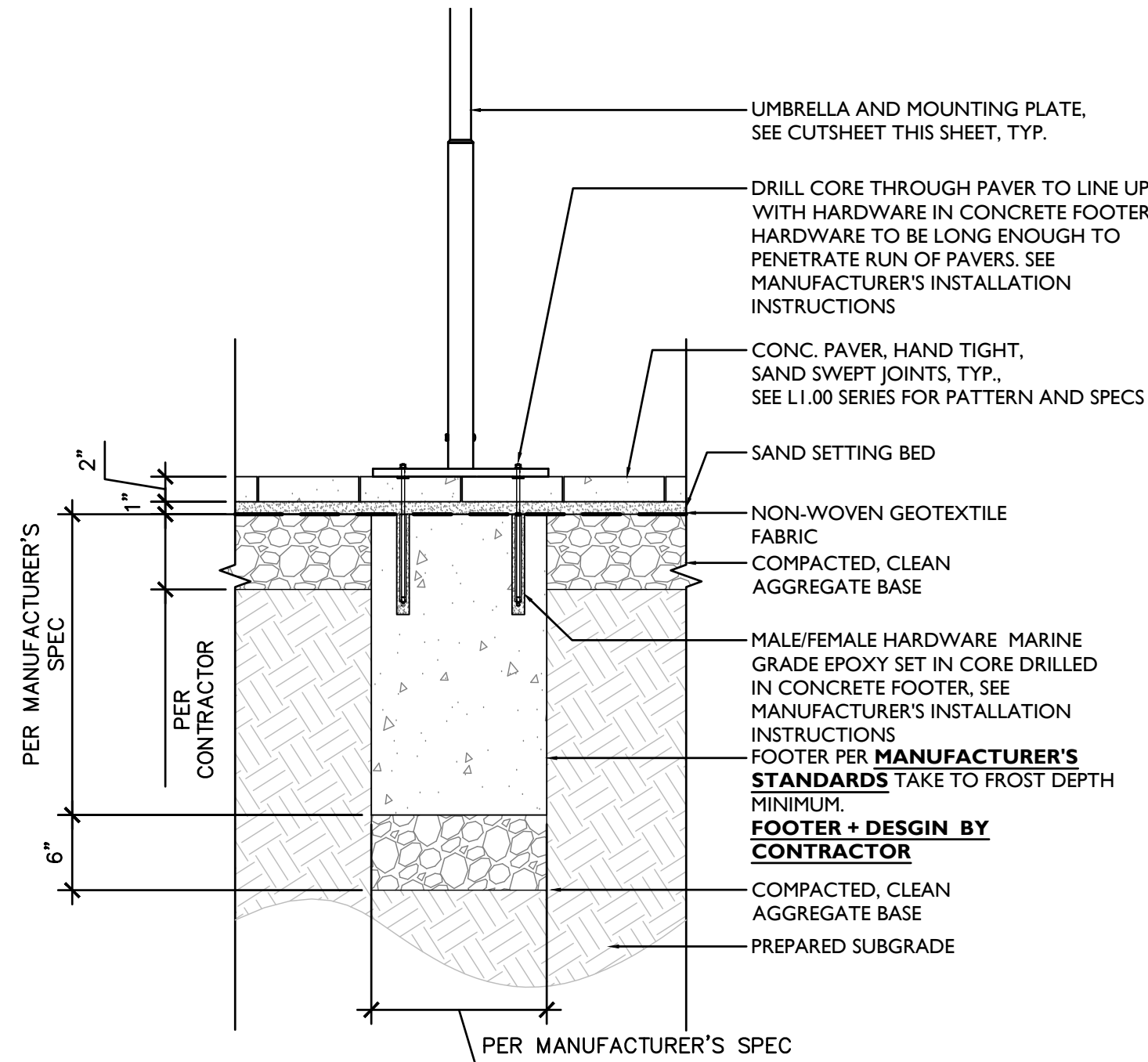
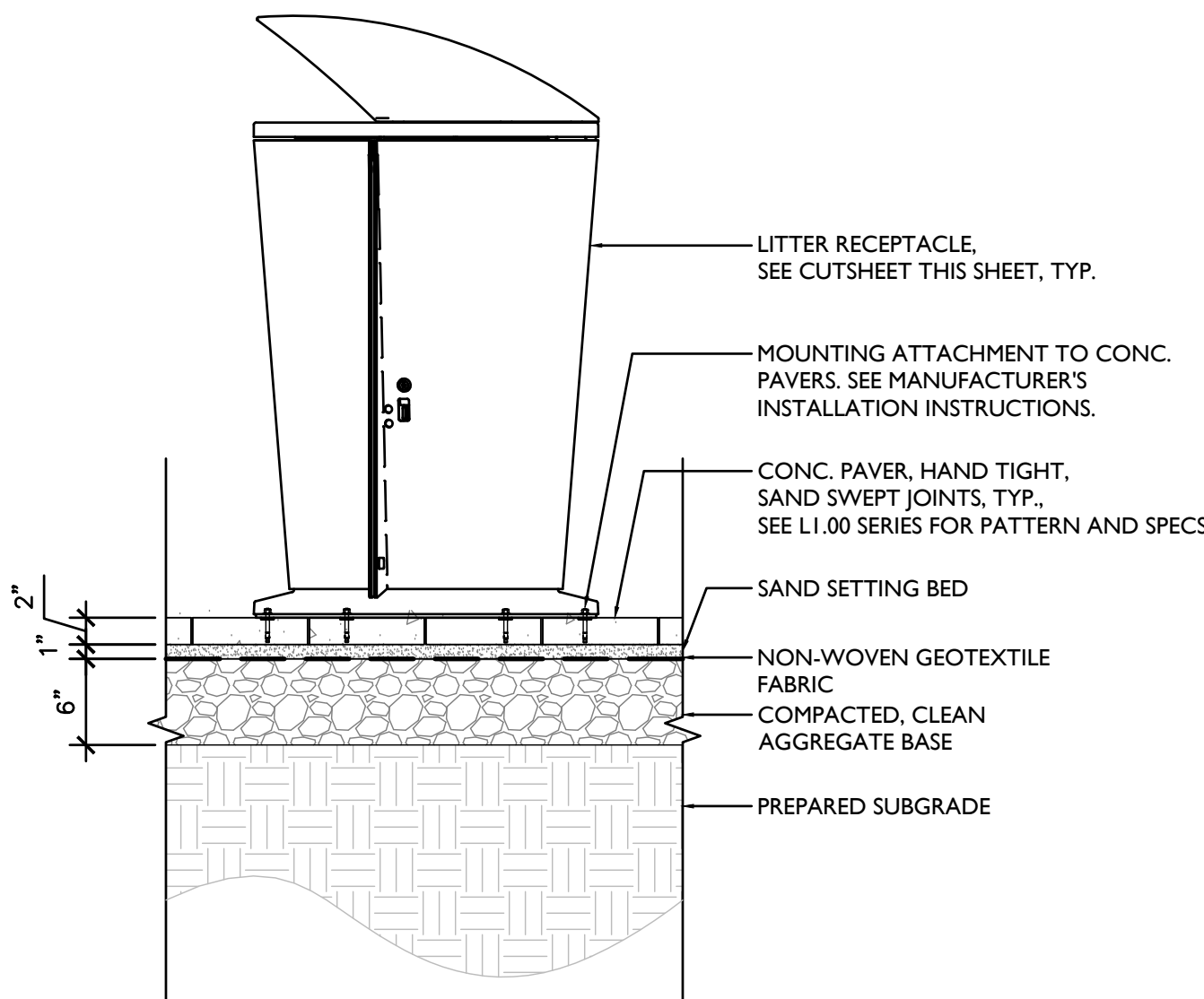
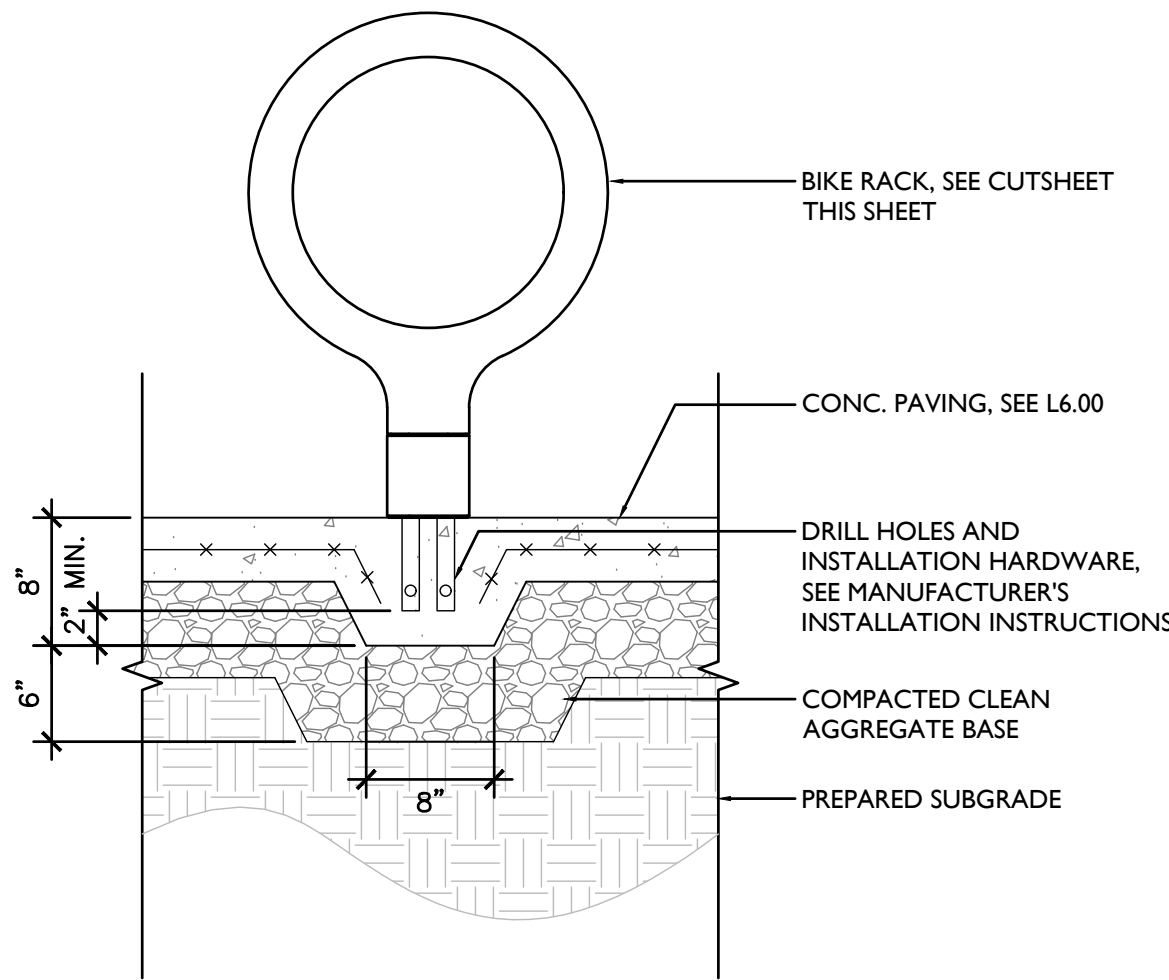
L6.40  
15 OF 23





RAKE STAND NOTES:

1. **SUBSTITUTIONS** : MUST BE APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER
2. COLOR: BLACK / DARK BRONZE TO MATCH SURROUNDING LIGHT FIXTURES
3. MATERIAL: POWDERCOATED ALUMINUM
4. ATTACHMENT: EMBEDDED IN CONCRETE FOOTER
5. **SUBMIT CUTSHEETS, SAMPLES, SHOPS, AND PLANS FOR APPROVAL.**
6. **CONTRACTOR TO REVIEW FOR REINFORCING AND FOUNDATION.**



## 8 STAND FOR ROCK GARDEN RAKES - DETAIL, TYP.

SCALE : 1" = 1'-0"

## 6 BIKE RACK - DETAIL, TYP.

SCALE : 1" = 1'-0"

## 4 LITTER RECEPTACLE - DETAIL, TYP.

SCALE : 1" = 1'-0"

## 2 UMBRELLA - MOUNTING DETAIL, TYP.

SCALE : 1" = 1'-0"



## Key Bike Rack

Product Data Sheet



The Key bike rack, with its cast aluminum base and steel loop frame finished in integral-colored high-density polyurethane foam, is a winner. Recipient of a prestigious Red Dot Award in 2009 and an IDEA Bronze in 2007, this simple and lightweight bike rack updates an essential urban element with new spirit. Key is cheerfully offered in yellow and red as well as anthracite grey.

### Bike Rack

- Capacity: 2 bikes.
- Bike rack must be embedded.
- Bike rack is a steel tube, covered with a colored polyurethane plastic mold.
- Polyurethane colors available: Red, Yellow, and Grey.
- Base is a standard silver powdercoat finish (not LF powdercoat).
- Meets ARBP guidelines.

### Finishes

- Powdercoat Finish (not Landscape Forms).
- Polyurethane Plastic Mold finish.

Designed by La Granja for Urbidermis

[Click here](#) for patent information related to this product.

### BIKE RACK NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: KEY BIKE RACK
3. COLOR: RED
4. MOUNTING: EMBEDDED IN CONCRETE, SEE DETAIL THIS SHEET AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

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1 Revised January 14, 2025 | Landscape Forms Inc. | 800.521.2546 | F 269.381.3455 | 7800 E. Michigan Ave., Kalamazoo, MI 49048

## Austin

Product Data Sheet



### Litter Receptacles

- Top and side opening litters are available with or without lock.
- With a 34 gallon capacity, litter can be freestanding or surface mount.
- Fabricated with carbon steel body panels, cast aluminum top, and cast iron base.
- Litter is finished with exclusive Pangard 118 powdercoat finish.
- Black polyethylene liner comes standard with litter.
- Shipped with freestanding glides that remain in place for surface mounting.
- Litter ships fully assembled.

### Finishes

- All metal is finished with Landscape Forms' proprietary Pangard 118 polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.

### To Specify

- Select top or side-opening litter. Specify with or without lock.
- Select powdercoat color.

Designed by Robert Chipman, ASLA

[Click here](#) for patent information related to this product.

Litter	Style	Diameter	Height	Weight
	Top-Opening	24"	35"	172 lb
	Side-Opening	24"	42"	186 lb

### LITTER RECEPTACLE NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: AUSTIN LITTER, SIDE OPENING
3. COLOR: MANGO
4. MOUNTING: SURFACE MOUNTED, SEE DETAIL THIS SHEET AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

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2 Revised March 23, 2022 | Landscape Forms Inc. | 800.521.2546 | F 269.381.3455 | 7800 E. Michigan Ave., Kalamazoo, MI 49048

## Stretch

Product Data Sheet



### General Description

- Stretch is constructed from cast and extruded aluminum
- Available with solid or perforated panels
- Stretch is rotationally adjustable
- Surface mount stand or embedded mount required

### Mounting Options

- When used with a Landscape Forms table, Stretch must be mounted to the table, which in turn must be mounted to, or embedded in, a hard surface.
- If used with a table other than those offered by Landscape Forms, Stretch must be anchored to our surface-mounted stand.
- Stretch may also be used without a table, but must be secured in our surface-mounted stand.

### Finishes

- All metal parts are finished with Landscape Forms' exclusive Pangard 118 polyester powdercoat – a hard, yet flexible, finishing process that resists rusting, chipping, peeling and fading.

### To Specify

- Select perforated or solid panels, and powdercoat color(s).
- Specify to mount in Landscape Forms surface mount or embedded table.
- Specify surface mount stand if using with table other than those supplied by Landscape Forms, or if used without a table.
- Specify color for stand.

Stretch	Width	Depth	Height	Weight
	78"	78"	92.25"	120 lbs

### UMBRELLA NOTES:

1. MANUFACTURER: LANDSCAPE FORMS
2. TYPE: STRECH UMBRELLA
3. COLOR: CUSTOM RAL - TO MATCH MOORE PARK GREEN
4. MOUNTING: MOUNTED IN CONCRETE FOOTER, NEED TO SPECIFY MOUNTING SLEEVE UPON ORDERING. SEE DETAIL THIS SHEET AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

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1 Revised April 14, 2020 | Landscape Forms Inc. | 800.521.2546 | F 269.381.3455 | 7800 E. Michigan Ave., Kalamazoo, MI 49048

## 7 ROCK GARDEN RAKES + STAND

SCALE : N.T.S.

## 5 BIKE RACK - CUTSHEET, TYP.

SCALE : N.T.S.

## 3 LITTER RECEPTACLE - CUTSHEET, TYP.

SCALE : N.T.S.

## 1 UMBRELLA - CUTSHEET, TYP.

SCALE : N.T.S.

CONSTRUCTION DOCUMENTS

SEAL



LICENSE #: LA003025

TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

PROJECT NAME

## RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE VARIES

DATE 05.23.2025

PLOTTED DATE 06.12.2025

DRAWING NAME

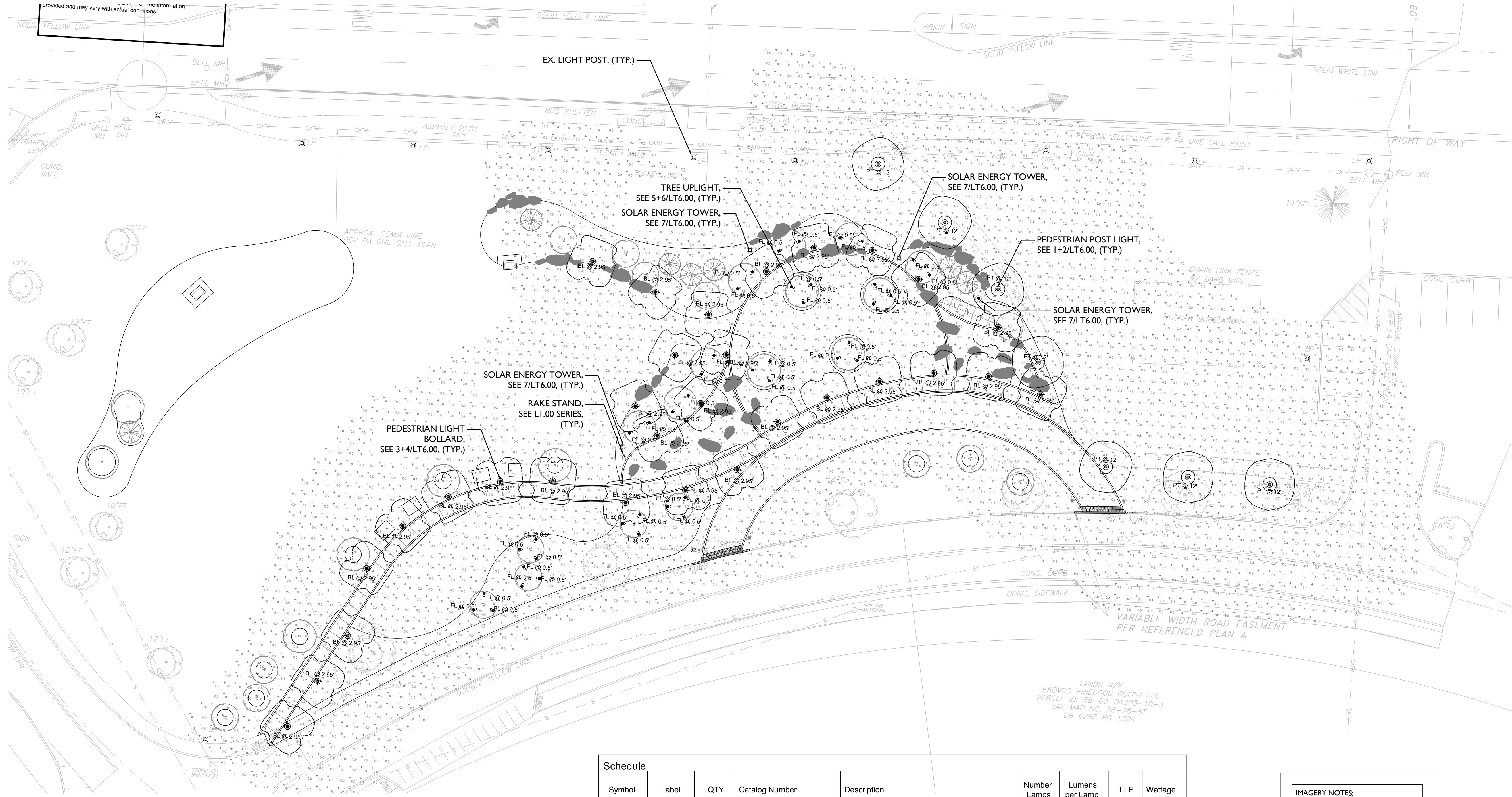
FURNITURE DETAILS  
AND NOTES (2)

DRAWING NUMBER  
SHEET NUMBER

L6.45  
16 OF 23



- NOTES :
1. GENERAL CONTRACTOR TO COORDINATE AND PROVIDE CONDUIT PER LIGHTING SHOWN.
  2. CONTRACTOR TO PROVIDE LIGHTING SUBMITTAL FOR FINAL APPROVAL BY OWNER AND LANDSCAPE ARCHITECT.
  3. REFER TO LT1.00 SERIES FOR LIGHTING SUBSTITUTION NOTES AND LOCATIONS.



LIGHTING AND LIGHTING SUBSTITUTION NOTES:

1. EXTERIOR LIGHTING HAS BEEN DESIGNED PER THE LIGHTING HANDBOOK OF THE ENGINEERING SOCIETY OF NORTH AMERICA (IESNA).
2. SELECTED FIXTURES TO BE FULL-CUT AND DARK SKY FRIENDLY.
3. THE TOWNSHIP MAY REQUIRE GLARE SHIELDING DEVICES, AT THE APPLICANT'S EXPENSES, IF DETERMINED APPLICABLE POST CONSTRUCTION.
4. THE TOWNSHIP RESERVES THE RIGHT TO CONDUCT ONE OR MORE POST-INSTALLATION NIGHTTIME INSPECTIONS TO VERIFY COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION, AND IF APPROPRIATE, TO REQUIRE SUITABLE REMEDIAL ACTION AT NO EXPENSE TO TOWNSHIP.
5. POST-APPROVAL ALTERATIONS TO LIGHTING PLANS OR INTENDED SUBSTITUTION FOR APPROVED LIGHTING EQUIPMENT SHALL BE SUBMITTED TO THE TOWNSHIP FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
6. LIGHTING FIXTURES AND EQUIPMENT SHALL BE MAINTAINED SO AS TO CONTINUOUSLY MEET TOWNSHIP REQUIREMENTS.
7. ALL FIXTURES TO BE CONTROLLED WITH WIRELESS CONTROLLERS AND ALL SITE LIGHTING WILL BE REDUCED BY 50% FROM 11PM TO DAWN.
8. ALL 120 VOLT CIRCUITS TO BE INSTALLED BY LICENSED ELECTRICIAN.
9. ALL 120 VOLT CABLE TO BE RUN IN CONDUIT.
10. CONTRACTOR TO PROVIDE SUFFICIENT NIGHTTIME ADJUSTMENT TO ALL LIGHTING TO SATISFY TOWNSHIP REQUIREMENTS AND OWNER OR OWNER'S REPRESENTATIVE.
11. ALL LIGHTING TO BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
12. ALL ELECTRICAL CONDUITS SHALL BE SCH. 40 PVC AND ALL BENDS SHALL BE SWEEP TYPE FOR PULLING WIRE. CONDUIT TO EXTEND BEYOND THE EDGE OF HARDCAPE ELEMENTS BY 12" MIN. CONDUIT TO BE TEMPORARILY CAPPED AND LOCATIONS STAKED PRIOR TO BACKFILLING.
13. WHILE EXTENDING CONDUITS UNDER EXISTING STRUCTURE THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES.
14. ALL SWITCHING CONTROL DEVICE TYPE AND LOCATIONS TO BE APPROVED BY OWNER OR OWNER'S REPRESENTATIVE.
15. ALL LIGHTING FIXTURES TO BE CONTROLLED BY AUTOMATIC SWITCHES TO PERMIT EXTINGUISHING LIGHT BETWEEN 11PM AND DAWN. ALL-NIGHT SAFETY OR SECURITY LIGHTING SHALL NOT HAVE LIGHTING INTENSITY LEVELS WHICH EXCEED 25% OF THE LEVELS NORMALLY PERMITTED BY THE TOWNSHIP BUT IN NO CASE SHALL THE INTENSITY LEVELS BE LESS THAN THE MINIMUM LEVELS FOR SAFETY AND SECURITY AS INVOKED BY THE IESNA. A FINAL LIGHT LOCATIONS TO BE APPROVED BY LANDSCAPE ARCHITECT.

16. CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE OWNER AND OWNER'S REPRESENTATIVES TO DISCUSS ALL UNDERGROUND UTILITIES. AS-BUILT DRAWINGS ARE REQUESTED OF ALL SUCH FACILITIES.
17. CONTRACTOR TO PREPARE A PLAN OF ALL AS-BUILT UNGROUNDED UTILITIES.
18. ALL FINAL LIGHT LOCATIONS TO BE FIELD ADJUSTED, AIMED AS NECESSARY SO AS TO AVOID SHINING OF LIGHT INTO WINDOWS AND DOORS. CONTRACTOR TO ARRANGE PRE-CONSTRUCTION MEETING WITH THE OWNER AND OWNER'S REPRESENTATIVES INCLUDING MASONS AND OTHER INDIVIDUALS FAMILIAR WITH ANY UNDERGROUND FACILITIES.
19. ALL WIRING, UP LIGHTING AND SPOT LIGHT LOCATIONS TO BE COORDINATED WITH TREES ON THE LANDSCAPE PLAN.
20. CONDUIT TRENCHING TO AVOID ROOT ZONES OF EXISTING TREES TO REMAIN.
21. ALL TRENCH LOCATIONS NEAR AND AROUND EXISTING TREES TO BE MARKED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT.
22. PROJECT ELECTRICAL ENGINEER TO PROVIDE POWER PLAN.
23. IN THE EVENT THAT THE CONTRACTOR PROPOSES LIGHT FIXTURE SUBSTITUTIONS, REQUEST MUST BE RECEIVED BY THE LANDSCAPE ARCHITECT FOR REVIEW (14) FOURTEEN DAYS PRIOR TO BID DATE TO PROVIDE AMPLE TIME FOR REVIEW AND TO ISSUE AN ADDENDUM INCORPORATING THE SUBSTITUTIONS. FAILURE TO SUBMIT WITHIN THAT DEADLINE RENDERS ALL SUBSTITUTIONS REQUESTS VOID, AND ORIGINALLY SPECIFIED FIXTURE(S) WILL BE SUPPLIED. THE CONTRACTOR SHALL SUBMIT THE FOLLOWING:
  - 23.1. TOWNSHIP REQUIRED COPIES OF ALL MANDATORY SUBMITTALS FOR BOTH THE ORIGINALLY SPECIFIED FIXTURE(S) AND THE PROPOSED SUBSTITUTION(S)
  - 23.2. CONTRACTOR'S WRITTEN CERTIFICATION THAT THE PROPOSED SUBSTITUTION(S) CONFORM TO ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS IN EVERY RESPECT AND IS APPROPRIATE FOR THE APPLICATION INDICATED IN THE DOCUMENTS.
  - 23.3. CONTRACTOR'S WRITTEN STATEMENT INDICATING THE EFFECT OF THE SUBSTITUTION(S) ON THE CONSTRUCTION SCHEDULE COMPARED TO THE SCHEDULE WITH THE ORIGINALLY SPECIFIED FIXTURE(S).
  - 23.4. CONTRACTOR'S NET UNIT PRICE FOR THE ORIGINALLY SPECIFIED FIXTURE(S) AND FOR THE PROPOSED SUBSTITUTE FIXTURE(S).
  - 23.5. ONE SAMPLE OF THE PROPOSED SUBSTITUTION FIXTURE(S) WITH SPECIFIED LAMPS AND CORD AND PLUG CONNECTION FOR 277 VOLT OPERATIONS.
  - 23.6. CONTRACTOR'S WRITTEN CERTIFICATION THAT ANY ALTERATIONS THAT MAY RESULT FROM THE PROPOSED LIGHTING FIXTURE SUBSTITUTION(S) WILL BE DESIGNED

- AND CONSTRUCTED AT THE CONTRACTOR'S EXPENSE. REIMBURSEMENT TO THE LANDSCAPE ARCHITECT FOR ALL TIME ASSOCIATED WITH REVIEW OF FIXTURE SUBSTITUTIONS. PAYMENT SHALL BE MADE IN ADVANCE OF THE REVIEW, BASED ON THE LANDSCAPE ARCHITECTS HOURLY RATES FOR THE PERSONAL INVOLVED IN THE REVIEW.
- 23.8. CONTRACTOR'S WRITTEN WAIVER OF RIGHTS TO ADDITIONAL PAYMENT AND/OR TIME THAT MAY BECOME NECESSARY SHOULD THE PROPOSED SUBSTITUTION(S) FAIL TO PERFORM IN A MANNER THAT IS EQUIVALENT TO THE ORIGINALLY SPECIFIED FIXTURE(S).
- 23.9. AS NOTED ABOVE, AN ADDENDUM INCORPORATING THE SUBSTITUTION SHALL INCORPORATE THE FOLLOWING REQUIREMENTS:
  - 23.9.1. ANY SUBSTITUTIONS TO LIGHTING FIXTURES AND THEIR PARTS MUST BE APPROVED BY THE OWNER, TENANT, TOWNSHIP, AND THE LANDSCAPE ARCHITECT. ANY COST ASSOCIATED WITH REVIEW AND APPROVAL OF THE SUBSTITUTIONS SHALL BE ENTIRELY BORNE BY THE CONTRACTOR.
  - 23.9.2. COMPUTER PREPARED LIGHTING PLANS AND PHOTOMETRIC LAYOUTS OF THE PROPOSED LIGHTING AREA WHICH INDICATES THE SYSTEM'S PERFORMANCE.
  - 23.9.3. A PHOTOMETRIC STUDY WITH REPORT NUMBER, DATE, FIXTURE CATALOG NUMBER, LUMINAIRE AND LAMP SPECIFICATIONS, IES CALCULATIONS, POINT BY POINT FOOT CANDLE PLAN, STATISTIC ZONES SHOWING AVERAGE, MAXIMUM, MINIMUM AND UNIFORMITY RATIOS, SUMMARY, ISOLUX PLOT, AND CATALOGUE CUTS. CATALOGUE CUTS MUST IDENTIFY OPTICS, LAMP TYPE, DISTRIBUTION TYPE, REFLECTOR, LENS, BALLASTS, WATTAGE, VOLTAGE, FINISH HOUSING DESCRIPTION AND ALL OTHER PERTINENT INFORMATION.
  - 23.9.4. POLE MANUFACTURER AASHTO CALCULATIONS INDICATING THE POLE AND ANCHOR BOLTS BEING SUBMITTED ARE CAPABLE OF SUPPORTING THE POLE AND FIXTURE SYSTEMS BEING UTILIZED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
  - 23.9.5. A PHOTOGRAPH THAT CLEARLY ILLUSTRATES THE REPLACEMENT FIXTURE MOUNTED NOTING THE COLOR, FINISH, MANUFACTURER, AND ADDITIONAL PHYSICAL CHARACTERISTICS.

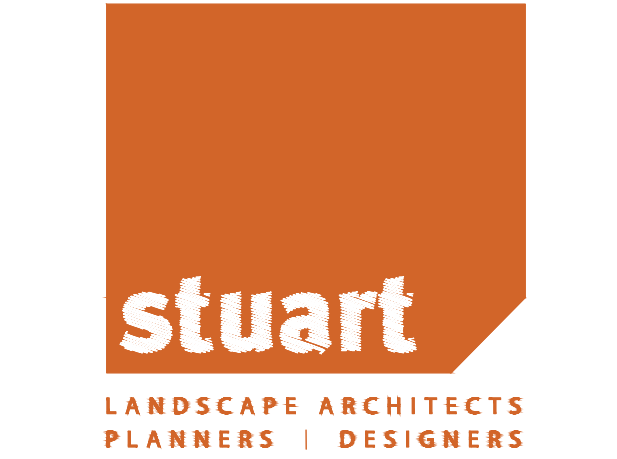
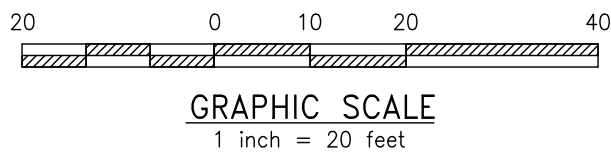
Schedule							
Symbol	Label	QTY	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF Wattage
	BL	30	PLB-102-BZ-SYM-NW	Solar LED Bollard	1	450	0.95 0
	PT	7	IPL Series MOD# IPL-xxxx-xx-T5	Solar Powered Integrated Post Top Light	1	1250	0.95 0
	FL	41	DE-LED-x66-FL-9 SN-DE-LED-x66-FL-9 ST-DE-LED-x66-FL-9 SM-DE-LED-x66-FL-9	Circular black aluminum housing, specular faceted reflector, and glass lens	1	633	0.95 3.6
		4	SOLAR ENERGY TOWER	See Cutsheet 7+8/LT1.00			

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site		0.3 fc	5.0 fc	0.0 fc	N/A	N/A

- Note
1. Fixtures Mounted as Noted
  2. Calculations Taken at Grade
  3. Calculations are estimations based on the information provided and may vary with actual conditions

LIGHTING PLAN LEGEND

- STONE BANDING AT INLETS
- CIP FLUSH CONCRETE CURB
- CIP TAPERED CONCRETE CURB
- DRIVEWAY RESTRAINT ROPE
- DRIVEWAY RESTRAINT POST
- PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING) (SEE L8.00-L9.00)
- ROCK GARDEN RAKE STAND
- BOULDERS
- TREE UP-LIGHT PAIR, SEE 5+6/LT6.00, TYP. PEDESTRIAN BOLLARD LIGHT, SEE 3+4/LT6.00, TYP.
- PEDESTRIAN LIGHT POST, SEE 1+2/LT6.00, TYP.
- OUTDOOR WORKTABLE + CHAIRS
- SOLAR ENERGY TOWER, SEE LT1.00 SERIES



LICENSE #: LA003025

TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

PROJECT NAME

RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE 1" = 20'

DATE 05.23.2025

PLOTTED DATE 06.12.2025

DRAWING NAME

LIGHTING PLAN

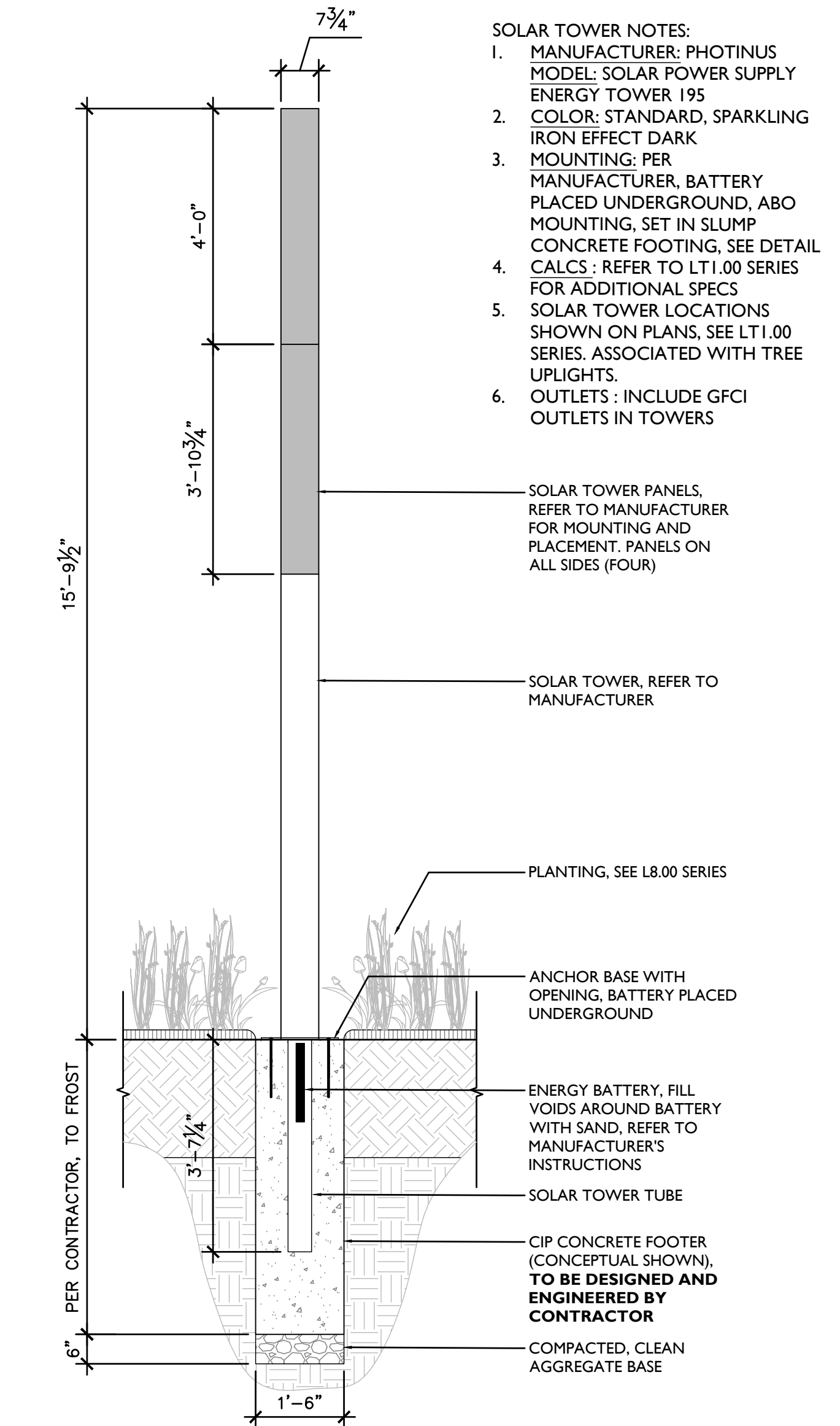
DRAWING NUMBER

SHEET NUMBER

LT1.00

17 OF 23





**8 SOLAR TOWER - DETAIL, TYP.**  
SCALE : 1/2" = 1'-0"

**ENERGY TOWER**  
SOLAR POWER SUPPLY



**PROJECT NAME**

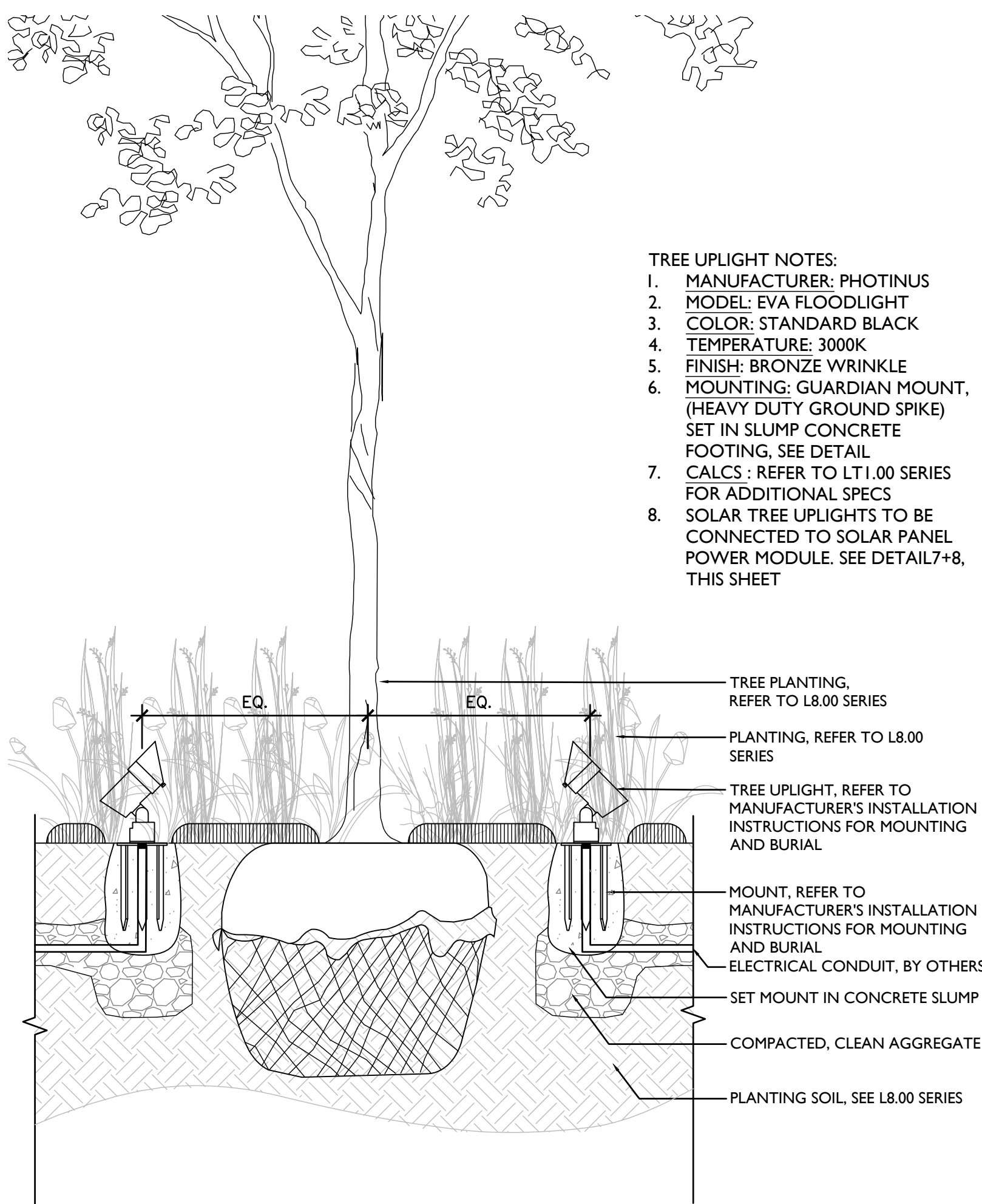
Type _____ Date _____

**SPECIFICATIONS**

Solar Module Efficiency Performance Pmp		Monocrystalline silicon cells, processed by Photinus
22%		
Energy Tower 195: 480 Wp* / 12 Solar Modules		
Energy Tower 372: 840 Wp* / 12 Solar Modules		
Energy Tower 550: 1440 Wp* / 12 Solar Modules		
Modules also charge in cloudy conditions		
*Wp = Watt Peak; maximum power output under standard conditions		
Battery		Energy Tower 195: LiFePO4 / 1152 Wh (12.8 V 90Ah)
Energy Tower 372: 2x LiFePO4 / 1152 Wh (12.8 V 90Ah)		
Energy Tower 550: LiFePO4 / 3456 Wh (12.8 V 270Ah)		
4TF to 140°F (-20°C to 60°C)		
Operating Temperature		15A
Max Charge/Discharge Current		9A
Standard Charge/Discharge Current		14.6V
Charging Voltage		up to 10 years
Battery Life		IPX8
Protection Class		
Charge Regulator		8A
Charging Current		IP67
Protection Class		
MPPT Charging		Yes
Max Tracking Efficiency		99.9
Operating Temperature		-31°F to 140°F (-35°C to 60°C)
Output Voltage		20-58V
Output Power		1-60 Watts
Own Consumption		5mA
System Voltage		Constant Current
General Material		Steel pole and aluminum parts
Impact Resistance		IK06
Finish		Galvanized and powder coat
Weight		Energy Tower 195: 143.3 lb (65kg)
Wind Load		Energy Tower 372: 286.6 lb (130kg)
Salt Spray Test		Energy Tower 550: 330.7 lb (150kg)
Certification and Listing		115 mph (185 km/h) *Higher wind loads only upon request ISO 9227:2012
Order Code		UL 8801 pending

Model	Type	Output	Wind Load	Mounting	Finish	Options	Location
<b>ENERGY TOWER</b>							
195	160Wp - 640Wp	OP - Output to be determined by Photinus according to project requirements - example	W115 - 115 mph	PF - Pipe Foundation	D - Dark	00 - None	ADDRESS - Provide full address of installation
372	320Wp - 1280 Wp		Wx - Specify Wind Load - see note below in "eq"	ARO - Attached Base with Opening			
550	640Wp - 1920Wp		*Consult factory				
Example order code: <b>ENERGY TOWER - 195 - OP - W115 - PF - D - 00 - JOHN ROSS PKWY, PMB 29, ROCK HILL, SC 29730</b>							
Energy Tower-Rev3-2025 +1 803 766 0481 info@photinus-lighting.us photinus-lighting.us 1							

**7 SOLAR ENERGY TOWER - CUTSHEET, TYP.**  
SCALE : N.T.S.



**6 TREE UPLIGHT - DETAIL, TYP.**  
SCALE : 1" = 1'-0"

**EVA FLOODLIGHT**

**PROJECT NAME**

Type _____ Date _____

**SPECIFICATIONS**



Source CCT	LED Chip on Board Technology 2700K, 3000K, 3500K, 4000K
CRI	>80 (RA>80, R9>14)
Lumen Output	600 Lm - 2,300 Lm
Wattage	3.6 W - 15.8 W
L70 Life	50,000 hours
Remote Driver	For use with Photinus Energy Tower
Optics	Spot (15°), Flood (35°), Wide Flood (60°)
Lens Type	Clear (Standard), Spread, Soft Focus, Rectilinear
Louver	Optional Honeycomb Baffle
Cap Style	45°, 90°, Flush
Mounting	Canopy, Stake
Material	Copper-free aluminum (6061-T6)
Finish	Powder Coating. RoHS compliant. Custom colors available. Optional Marine Grade Finish (for applications within two blocks of saline environment)
Warranty	5-Year Limited Warranty
Certification and Listing	UL tested to IESNA LM-79, UL Listed. RoHS compliant Suitable for indoor or outdoor use, in wet locations. IP66 Rated Made in the USA with sustainable processes

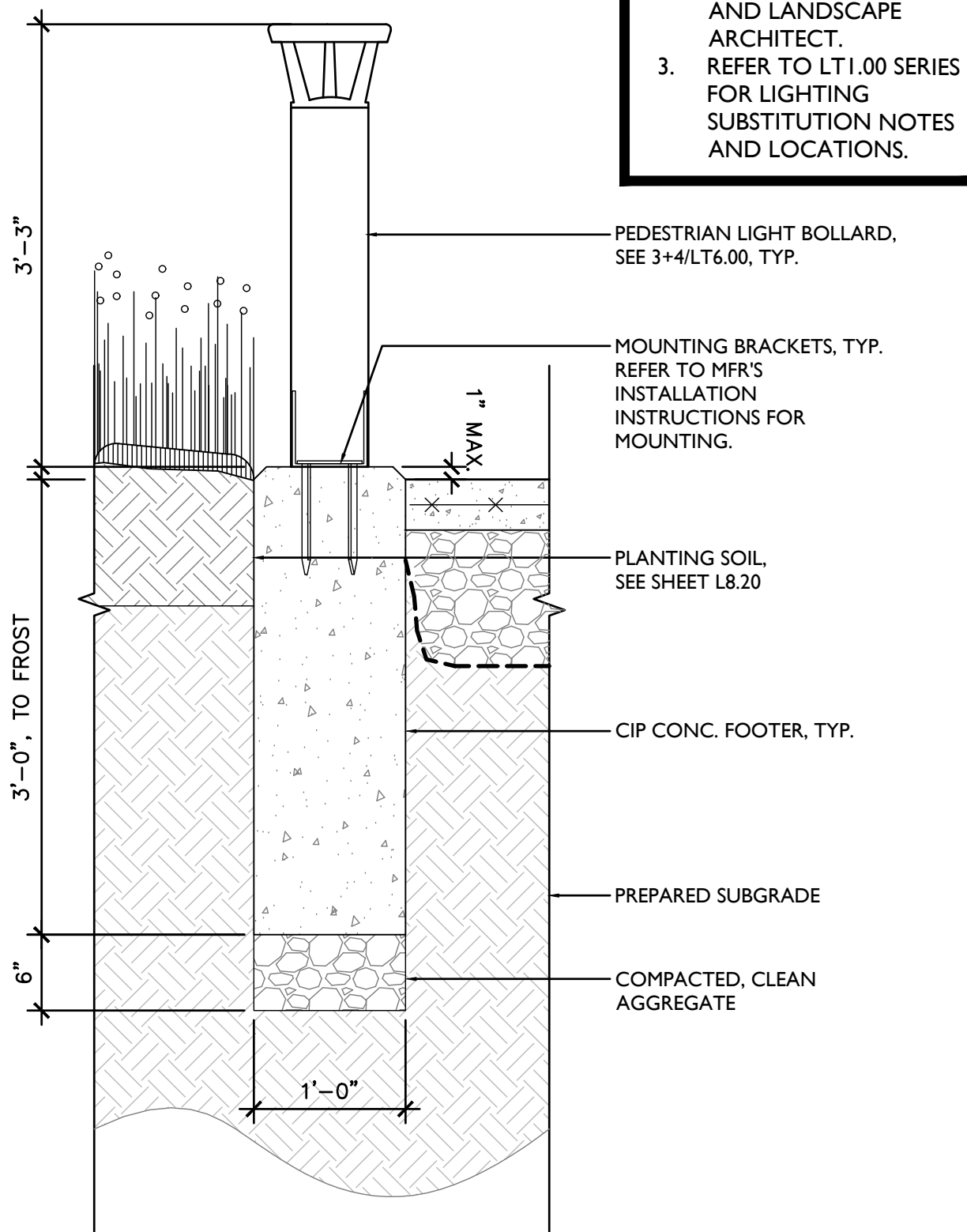
**ORDER CODE**

Model	C.C.T.	Wattage	Optic	Lens Type	Louver	Cap Style	Mounting	Finish	Options
<b>EVA</b>									
27	2700K	PO1 = 16 W / 2300 Lm	SP = Spot 15° Angle	9 = Clear (Standard)	00 = None	A = 45°	SMB1 = Rectangular Canopy	BLP = Satin Black	00 = None
30	3000K	PO2 = 8 W / 1200 Lm	FL = Flood 35° Angle	12 = Soft Focus	11 = Honeycomb Baffle	B = 90°	SMB2 = Round Canopy	RZP = Satin Bronze	MGP = Marine Grade Primer
40	4000K	PO3 = 4 W / 600 Lm	WFL = Wide Flood 60° Angle	13 = Rectilinear		C = Flush	ST = Stake	SAP = Satin Aluminum	
							WM = Wall Mount - upon request only	BLW = Black Wrinkle	
								BZW = Bronze Wrinkle	
								VWV = White Wrinkle	
								VER = Verde	
								CUS = Custom	
Mounting Finish to match Pole Finish as Standard									

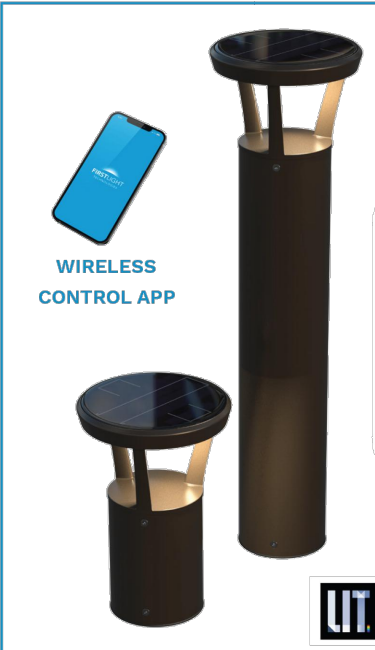
Example order code: **EVA - 30 - PO1 - FL - 9 - 00 - A - ST - BLW - 00**

**5 TREE UPLIGHT - CUTSHEET, TYP.**  
SCALE : N.T.S.

- PEDESTRIAN LIGHT BOLLARD NOTES:**
1. MANUFACTURER: FIRST LIGHT TECHNOLOGIES
  2. MODEL: PLB - 102
  3. COLOR: MATTE BLACK
  4. TEMPERATURE: 4000K
  5. MOUNTING: CIP CONCRETE FOOTING, SEE DETAIL
  6. CALCS : REFER TO LT1.00 SERIES FOR ADDITIONAL SPECS



**4 PEDESTRIAN LIGHT BOLLARD - DETAIL, TYP.**  
SCALE : 1" = 1'-0"



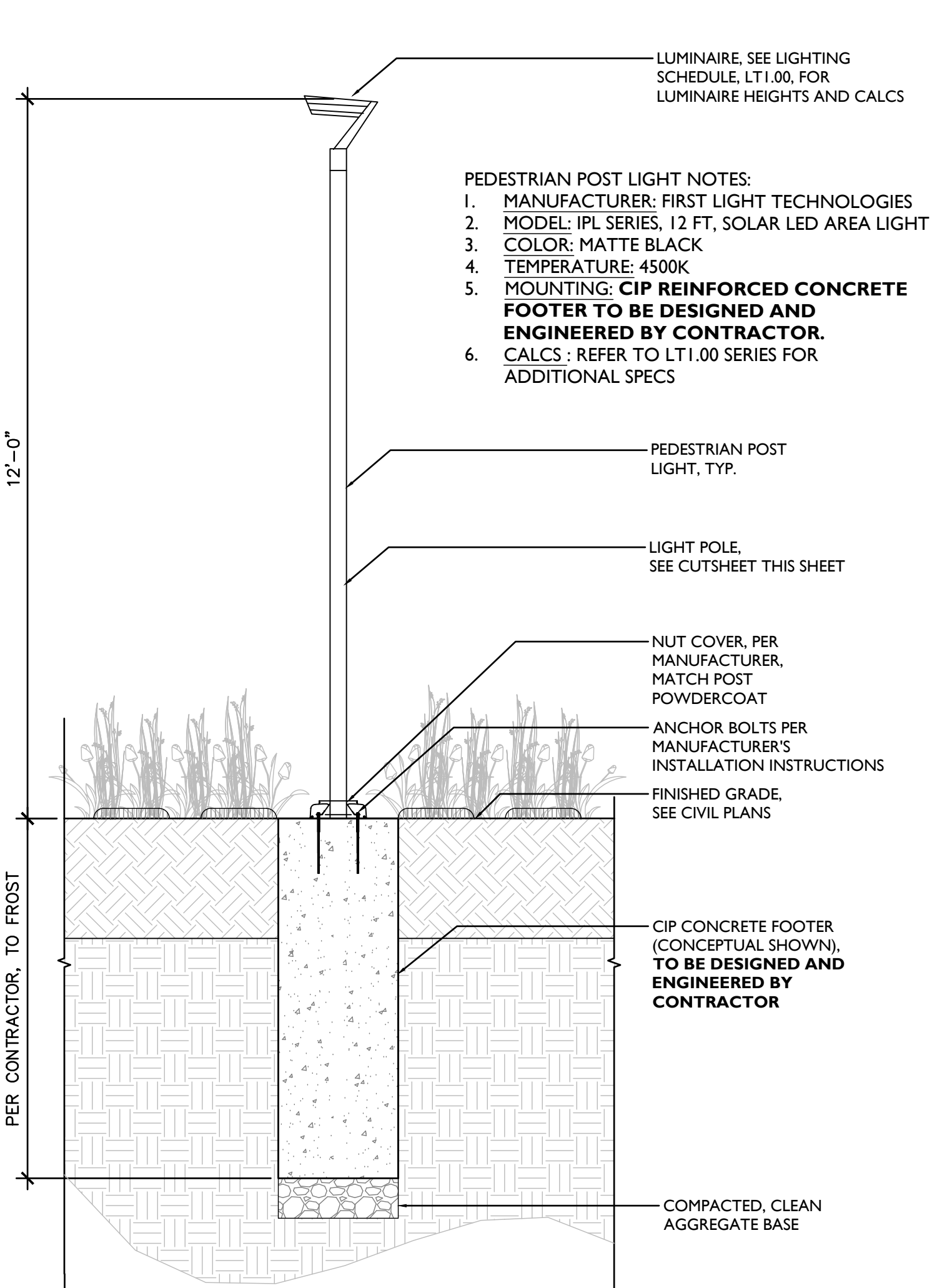
**TECHNICAL SPECIFICATIONS**

Solar Module:	- High impact, UV resistant encapsulation   - High-efficiency mono-crystalline cells   - Integrated into bollard housing   - Used for day/night detection (no photocell required)
Solar Lighting Controller (SLC):	- High efficiency Maximum Power Point Tracking (MPPT) charge controller   - Micro-controller based technology   - High-efficiency LED driver   - Integrated into bollard housing   - Designed to automatically manage lighting performance based on environmental conditions and lighting requirements
Battery:	- High-performance lithium (LiFePO₄)   - Exceptional 10+ year lifecycle   - High-temperature tolerance   - Contained within bollard post   - Designed for easy battery changes when required   - Plug-and-play, sealed connector
Wireless Controls:	- Easy-to-use interface via iOS smartphone app   - Configure and control lighting profiles   - Adjust dusk and dawn thresholds
LEDs and Optics:	- Greater than 100,000 hour L70 lifetime LED   - Extra Warm White (2700K), Warm White (3000K), Neutral White (4000K), and Amber (595nm) LEDs available   - Type 3 and Type 5 full cut-off high efficiency optics   - Typical lumen output 450 lumens   - Wildlife-friendly amber option available
Mechanical Construction:	- Cast, marine-grade, corrosion resistant aluminum housing   - IP67 protection   - Extruded, low copper aluminum post   - Stainless fasteners with security fastener option   - High-strength mounting base   - Architectural grade, super durable, TGIC powder coat   - Four standard colors with custom colors available
Factory Set Lighting Profiles:	11 standard duration profiles available   - Real-time lighting profile options available   - See lighting profile sheet for all options   - Lighting profiles are field configurable with app

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PLB: 70-0004 November 2022 © Copyright First Light Technologies Ltd.

**3 PEDESTRIAN LIGHT BOLLARD - CUTSHEET, TYP.**  
SCALE : N.T.S.

- NOTES :**
1. GENERAL CONTRACTOR TO COORDINATE AND PROVIDE CONDUIT PER LIGHTING SHOWN.
  2. CONTRACTOR TO PROVIDE LIGHTING SUBMITTAL FOR FINAL APPROVAL BY OWNER AND LANDSCAPE ARCHITECT.
  3. REFER TO LT1.00 SERIES FOR LIGHTING SUBSTITUTION NOTES AND LOCATIONS.



**2 PEDESTRIAN POST LIGHT - DETAIL, TYP.**  
SCALE : 1/2" = 1'-0"



**TECHNICAL SPECIFICATIONS**

Solar Module:	- High-efficiency mono-crystalline cells   - Inconspicuously mounted on top of luminaire   - Used for daylight detection (no photocell required)
Solar Lighting Controller (SLC):	- High-efficiency, temperature compensated Maximum Power Point Tracking (MPPT)   - Micro-controller based technology   - Includes high-efficiency LED driver   - Integrated into luminaire housing   - Designed to automatically manage lighting performance based on environmental conditions and lighting requirements   - Patent Pending
Battery:	- High performance Lithium (LiFePO₄)   - Exceptional 8 - 10 year life cycle   - High temperature tolerance   - Contained within luminaire housing   - Designed for easy battery changes when required
LEDs and Optics:	100,000 hour L70 lifetime   - Warm (3000K) and neutral (4500K) white color temperatures available   - High efficiency Type 2, 3, 4 and 5, full cut-off optics   - Typical lumen output from 850 to 1200 lumens
Mechanical Construction:	- Cast, low copper aluminum top, housing, and arms   - Stainless fasteners with security fastener option   - Architectural grade, super durable, TGIC powder coat   - Four standard colors with custom colors available
Factory Set Lighting Profiles:	- On at dusk, off at dawn   - On at dusk, off after 6 hours   - On at dusk, dim to 30% after 6 hours till dawn   - On at dusk, off after 5 hours, on 1 hour before dawn   - On at dusk, dim to 30% after 5 hours, on 1 hour before dawn

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PL: 70-0010 26.02.16 © Copyright First Light Technologies Ltd.

**1 PEDESTRIAN POST LIGHT - CUTSHEET, TYP.**  
SCALE : N.T.S.



**SEAL**



LICENSE #: LA003025

**TEAM**

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

**OWNER**

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

**PROJECT NAME**

**RECHARGE PARK**

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406

**REVISIONS**

NO.	DATE	NOTES

**DRAWN BY**

VAM / T AS

**CHECKED BY**

PJS

**SCALE**

VARIES

**DATE**

05.23.2025

**PLOTTED DATE**

06.12.2025

**DRAWING NAME**

**LIGHTING CUTSHEETS AND DETAILS**

**DRAWING NUMBER**

SHEET NUMBER

**LT6.00**

18 OF 23





**SITE PLAN NOTES:**

- ALL LINES AND GRADE WORK NOT PRESENTLY ESTABLISHED AT THE SITE SHALL BE LAID OUT BY A REGISTERED LAND SURVEYOR OR PROFESSIONAL CIVIL ENGINEER EMPLOYED BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THIS PLAN TO BE USED FOR LANDSCAPING AND SITE IMPROVEMENT PURPOSES ONLY.
- PLANS CREATED FROM DRAWINGS FROM SITE ENGINEERING CONCEPTS DATED, 01/02/2025.
- LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED AND MARKED IN THE FIELD, PRIOR TO ANY DIGGING OPERATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING TREES AND PLANT MATERIAL WITHIN THE AREA OF PROPOSED IMPROVEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS OFF-SITE, CLEAN-UP OF ALL PAVED AREAS (ROADWAYS, SIDEWALKS, ETC.); AND RESTORATION OF ALL DISTURBED LAWN AREAS.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE TO UNDERGROUND UTILITIES DAMAGED.
- CONTRACTOR SHALL PROVIDE SCREENED PLANTING SOIL WHERE PLANTING IS TO OCCUR, 36" DEPTH, 6" DEPTH AT LAWN AREAS.
- FOLLOWING COMPLETION OF ALL PLANTING INSTALLATION WORK, THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL DISTURBED LAWN AREAS.
- NO TREE SHALL BE PLANTED CLOSER THAN 10 FEET FROM AN UNDERGROUND UTILITY.
- ALL LINES ARE PARALLEL OR PERPENDICULAR UNLESS SHOWN OTHERWISE.
- VERIFY LAYOUT OF ALL PROPOSED WORK TO EXISTING CONDITIONS, REPORT DISCREPANCIES BEFORE ANY CLEARING OR EXCAVATION IS DONE.
- PROVIDE STAKED LAYOUT ON SITE FOR OWNER AND LANDSCAPE ARCHITECT'S REVIEW PRIOR TO COMMENCING WORK.
- ALL DIMENSIONS SHOWN ARE TO FACE OF MATERIALS, UNLESS SHOWN OTHERWISE.
- PLEASE NOTE, CLIENT DID NOT RETAIN STUART AND ASSOCIATES, INC. TO PROVIDE LONG TERM MAINTENANCE SPECIFICATIONS FOR THE LANDSCAPE MATERIAL.
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- CONTRACTOR SHALL INSTALL SILT FENCE IN ANY AREAS WHERE SOIL MAY RUNOFF INTO PARKING AREAS OR INTO EXISTING INLETS.
- FOLLOWING THE COMPLETION, THE EXISTING VEGETATION WILL BE INSPECTED FOR HEALTH AND QUALITY, AND IF NOT DEEMED IN GOOD CONDITION, REPLACED WITH THE EQUIVALENT COMPENSATORY PLANTINGS.
- V.I.F. = VERIFY IN FIELD.

**PLANTING PLAN NOTES:**

- ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z60.1-2004). PLANT ACCORDING TO ANSI A300 PART 6.
- SCARIFY THE SUBGRADE AND SIDES OF THE PLANTING HOLE WHEN PLANTING IN CLAY SOILS (MORE THAN 15% CLAY).
- LIFT AND SET THE TREE BY ROOTBALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.
- SET THE TOP OF THE ROOTBALL LEVEL WITH THE SOIL SURFACE OR SLIGHTLY HIGHER IF THE SOIL IS PRONE TO SETTLING.
- AFTER THE TREE IS SET IN PLACE, REMOVE BURLAP, WIRE AND STRAPS FROM AT LEAST THE UPPER 1/2 OF THE ROOTBALL.
- PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH THE ANSI A300 SPECIFICATIONS. IF ADDITIONAL PRUNING IS NECESSARY, IT SHALL BE DONE BY A CERTIFIED ARBORIST.
- REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.
- DO NOT REMOVE TREE IDENTIFICATION TAGS UNTIL THE LANDSCAPE ARCHITECT HAS CONFIRMED CORRECT SPECIES MATCHES THE PROJECT PLANTING SCHEDULE.
- ALL PLANT NURSERIES TO BE WITHIN 100 MILES OF PROJECT AREA. IF NURSERIES ARE OUTSIDE OF NOTED ZONE, PRIOR APPROVAL BY LANDSCAPE ARCHITECT MUST BE GRANTED.

**PLANTING PLAN LEGEND**

LAWN (SOD)

PLANTING AREA

MEADOW AREA (SEDED)

PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING) (SEE L8.00-L9.00)

BOULDERS

CIP FLUSH CONCRETE CURB

CIP TAPERED CONCRETE CURB

DRIVEWAY RESTRAINT ROPE

DRIVEWAY RESTRAINT POST

TREE UP-LIGHT PAIR, SEE LT1.00

BOLLARD LIGHT, SEE LT1.00

POST LIGHT, SEE LT1.00

STONE BANDING AT INLETS

SOLAR ENERGY TOWER, SEE LT1.00 SERIES

**GRAPHIC SCALE**

1 inch = 20 feet

**LANDS N/F**

PROVCO PINEGROVE GOLF LLC

PARCEL ID: 58-00-04303-10-3

TAX MAP NO. 58-28-8T

DB 6285 PG 1

**TREE PLANTING KEY**

SHADE TREES		
TD	TAXODIUM DISTICHUM	BALD CYPRESS
QB	QUERCUS BICOLOR	SWAMP WHITE OAK
FLOWERING TREES		
PP	PARROTIA PERSICA 'VANESSA'	'VANESSA' PERSIAN IRONWOOD
CC	CERCIS CANADENSIS 'RISING SUN'	'RISING SUN' EASTERN REDBUD
CF	CORNUS FLORIDA	FLOWERING DOGWOOD
MV	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA
PY	PRUNUS YEDOENSIS	YOSHINO CHERRY
EVERGREEN TREES		
PC	PINUS STROBUS 'CONTORTA'	'CONTORTA' SHORE PINE
CD	CEDRUS DEODARA	DEODAR CEDAR
CA	CEDRUS ATLANTICA	BLUE ATLAS CEDAR
JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR
PS	PINUS STROBUS	EASTERN WHITE PINE

**SHRUB PLANTING KEY**

	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM
	JUNIPERUS CONFERTA	SHORE JUNIPER
	ARONIA MELANOCARPA	BLACK CHOKEBERRY
	ILEX GLABRA 'COMPACTA'	'COMPACTA' INKBERRY
	PHYSOCARPUS OPULIFOLIUS 'LITTLE DEVIL'	'LITTLE DEVIL' DWARF NINEBARK
	JUNIPERUS VIRGINIANA 'GREY OWL'	'GREY OWL' JUNIPER SHRUB
	CORNUS SERICEA 'FLAVIRAMEA'	'FLAVIRAMEA' YELLOW TWIG DOGWOOD
	FOTHERGILLA GARDENII 'BLUE MIST'	'BLUE MIST' DWARF FOTHERGILLA
	HYDRANGEA QUERCIFOLIA 'PEE WEE'	'PEE WEE' DWARF OAKLEAF HYDRANGEA
	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	'HUMMINGBIRD' SWEET PEPPERBUSH
	RHUS AROMATICA 'GRO-LOW'	'GRO-LOW' SUMAC

REVISIONS		
NO.	DATE	NOTES

DRAWN BY	VAM / TAS
CHECKED BY	PJS
SCALE	1" = 20'
DATE	05.23.2025
PLOTTED DATE	06.12.2025



## GROUNDCOVER PLANTING KEY

## PERENNIALS

AB	AGASTACHE 'BLUE FORTUNE'	'BLUE FORTUNE' HYSSOP
AL	ALLIUM LUSTITANICUM 'SUMMER BEAUTY'	'SUMMER BEAUTY' ALLIUM
AH	AMSONIA HUBRICHTII	THREADLEAF BLUESTAR
AT	AMSONIA TABERNAEMONTANA 'STORM CLOUD'	'STORM CLOUD' BLUESTAR
BL	BAPTISIA 'LEMON MERINGUE'	'LEMON MERINGUE' FALSE INDIGO
BI	BAPTISIA 'TWOY TOWER'	'TWOY TOWERS' FALSE INDIGO
EP	ECHINACEA PURPUREA 'POW WOW WHITE'	'POW WOW WHITE' CONEFLOWER
GM	CERANIUM MACULATUM	WILD GERANIUM
LS	LIATRIS SPICATA	BLAZING STAR
MF	MONARDA FISTULOSA	WILD BERGAMONT
PA	PEROVSKIA ATRIPUICIFOLIA 'LITTLE SPIRE'	'LITTLE SPIRE' RUSSIAN SAGE
RF	RUDEBECKIA FULGIDA 'LITTLE GOLDSTAR'	'LITTLE GOLDSTAR' BLACK-EYED SUSAN
SA	SEDUM 'AUTUMN JOY'	'AUTUMN JOY' UPRIGHT STONECROP
SR	SOLIDAGO RUGOSA 'FIREWORKS'	'FIREWORKS' WRINKLELEAF GOLDENROD
SS	SYMPHYOTRICHUM CORDIFOLIUM	BLUE WOOD ASTER

## GRASSES

BG	BOULETELOUA GRACILIS 'BLONDE AMBITION'	'BLONDE AMBITION' BLUE GRAMA GRASS
CA	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	'KARL FOERSTER' FEATHER REED GRASS
DC	DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS
ES	ERAGROSTIS SPECTABILIS	PURPLE LOVE GRASS
EG	FESTUCA GLAUCA 'BEYOND BLUE'	'BEYOND BLUE' COMMON BLUE FESCUE
JE	JUNCUS EFFUSUS	SOFT RUSH
PV	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS
PA	PENNISETUM ALOPECUROIDES 'PIGLET'	'PIGLET' DWARF FOUNTAIN GRASS
SS	SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	'STANDING OVATION' LITTLE BLUESTEM
SH	SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED

## GROUNDCOVERS

CC	CAREX CHEROKEENSIS	CHEROKEE SEDGE
CP	CAREX PENSYLVANICA	PENNSYLVANIA SEDGE
CR	CAREX RADIIATA	EASTERN STAR SEDGE
LM	LIRIOPE MUSCARI	BIG BLUE LILTURF
SB	STACHYS BYZANTINA	LAMB'S EAR

## BULBS

	CROCUS TOMMASINIANUS	SNOW CROCUS
	NARCISSUS	DAFFODIL
	TULIPA	TULIP
	GALANTHUS ELWESII	SNOWDROPS
	IRIS RETICULATA	RETICULATED IRIS

## SEED MIXES

	RAIN GARDEN MIX ERNMX-180
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## PLANTING PLAN LEGEND

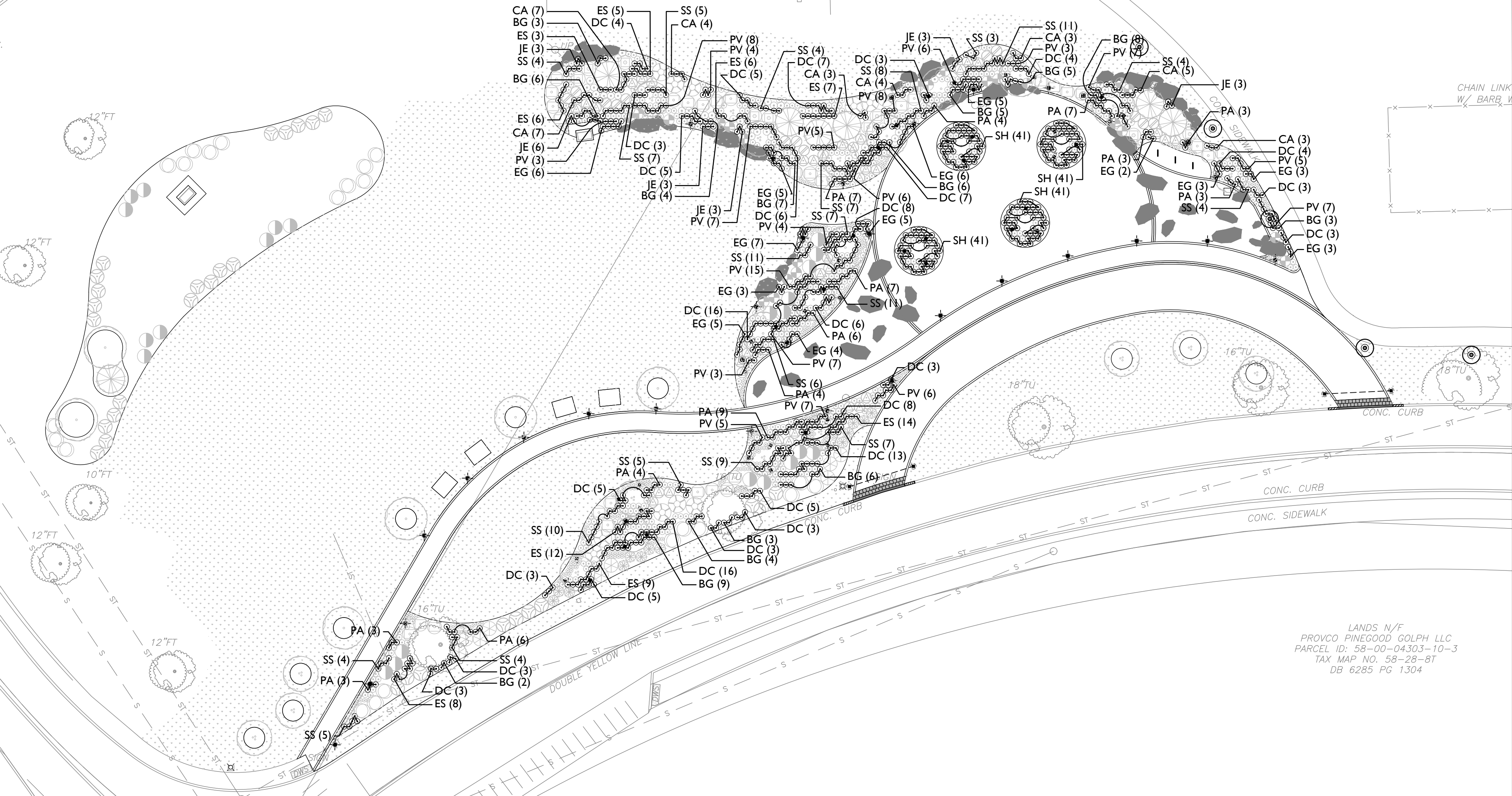
	LAWN (SOD)		CIP FLUSH CONCRETE CURB
	PLANTING AREA		CIP TAPERED CONCRETE CURB
	MEADOW AREA (SEEDED)		DRIVEWAY RESTRAINT ROPE
	PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING) (SEE L8.00-L9.00)		DRIVEWAY RESTRAINT POST
	BOULDERS		TREE UP-LIGHT PAIR, SEE LT1.00
			BOLLARD LIGHT, SEE LT1.00
			POST LIGHT, SEE LT1.00
			STONE BANDING AT INLETS
			SOLAR ENERGY TOWER, SEE LT1.00 SERIES

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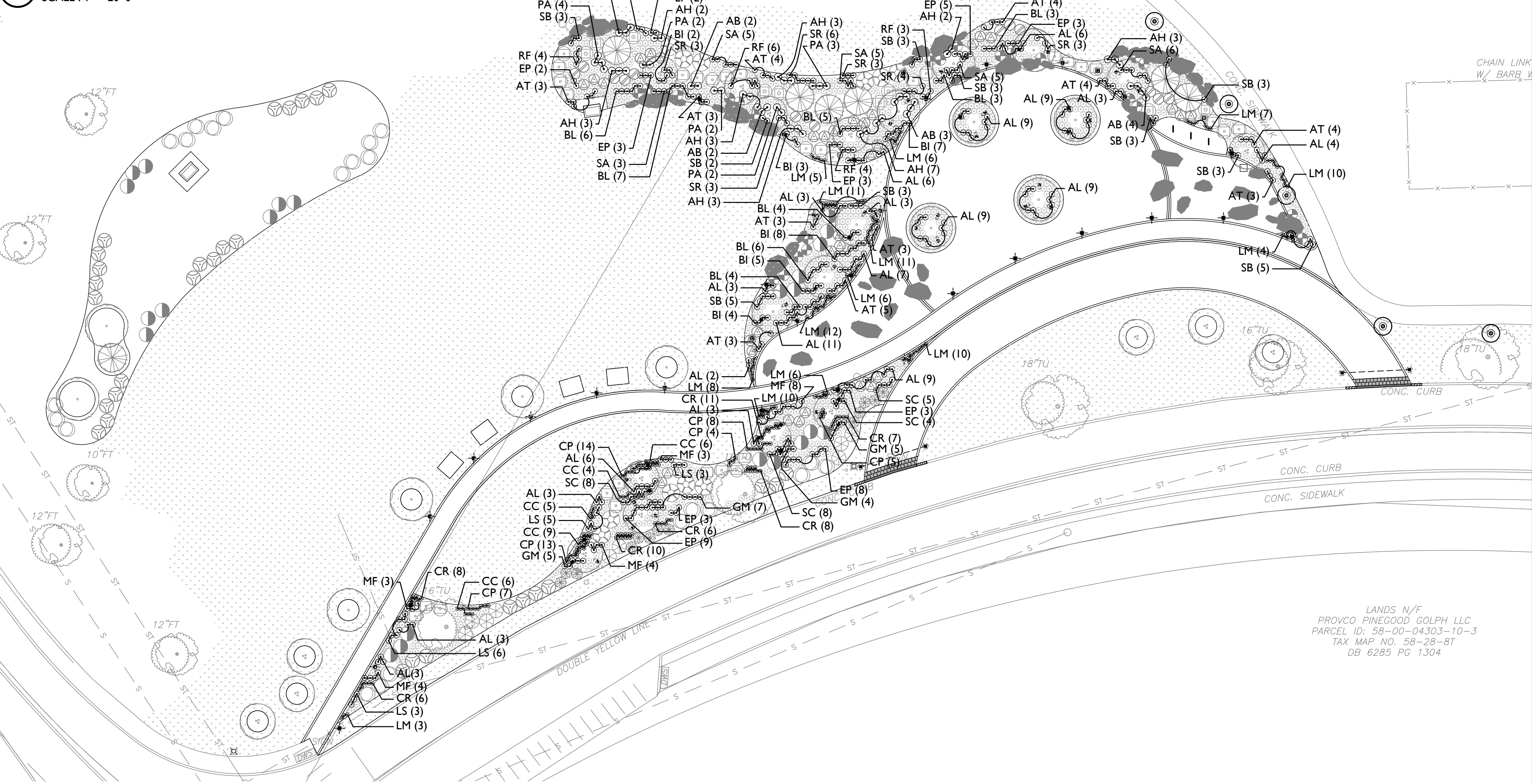
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## 2 GRASSES DETAIL PLANTING PLAN, TYP.

SCALE: 1" = 20'-0"



## 1 PERENNIAL AND GROUNDCOVER DETAIL PLANTING PLAN, TYP.

SCALE: 1" = 20'-0"

## SEAL



LICENSE #: LA003025

## TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

## OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

## PROJECT NAME

## RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406

## REVISIONS

NO.	DATE	NOTES

DRAWN BY VAM / TAS

CHECKED BY PJS

SCALE 1" = 20'

DATE 05.23.2025

PLOTTED DATE 06.12.2025

## DRAWING NAME

GROUNDCOVER  
PLANTING PLAN

DRAWING NUMBER  
SHEET NUMBER

**L8.10**  
20 OF 23



GROUND COVER PLANTING KEY

PERENNIALS	
AB	AGASTACHE 'BLUE FORTUNE'
AL	ALLIUM LUSTITANICUM 'SUMMER BEAUTY'
AH	AMSONIA HUBRICHTII
AT	AMSONIA TABERNAEMONTANA 'STORM CLOUD'
BL	BAPTISIA 'LEMON MERINGUE'
BI	BAPTISIA 'IVORY TOWER'
EP	ECHINACEA PURPUREA 'POW WOW WHITE'
GM	GERANIUM MACULATUM
LS	LIATRIS SPICATA
MF	MONARDA FISTULOSA
PA	PEROVSKIA ATRIPICIFOLIA 'LITTLE SPIRE'
RF	RUDBECKIA FULGIDA 'LITTLE GOLDSTAR'
SA	SEDUM 'AUTUMN JOY'
SR	SOLIDAGO RUGOSA 'FIREWORKS'
SC	SYMPHYOTRICHUM CORDIFOLIUM

GRASSES	
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LM	LIRIOPE MUSCARI
SB	STACHYS BYZANTINA

BULBS	
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	NARCISSUS
	TULIPA
	GALANTHUS ELWESII
	IRIS RETICULATA

SEED MIXES	
	RAIN GARDEN MIX ERNMX-180

'BLUE FORTUNE' HYSSOP
'SUMMER BEAUTY' ALLIUM
THREADLEAF BLUESTAR
'STORM CLOUD' BLUESTAR
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'IVORY TOWERS' FALSE INDIGO
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WILD GERANIUM
BLAZING STAR
WILD BERGAMONT
'LITTLE SPIRE' RUSSIAN SAGE
'LITTLE GOLDSTAR' BLACK-EYED SUSAN
'AUTUMN JOY' UPRIGHT STONECROP
'FIREWORKS' WRINKLELEAF GOLDENROD
BLUE WOOD ASTER

'BLONDE AMBITION' BLUE GRAMA GRASS
'KARL FOERSTER' FEATHER REED GRASS
TUFTED HAIR GRASS
PURPLE LOVE GRASS
'BEYOND BLUE' COMMON BLUE FESCUE
SOFT RUSH
'SHENANDOAH' SWITCHGRASS
'PIGLET' DWARF FOUNTAIN GRASS
'STANDING OVATION' LITTLE BLUESTEM
RAIRIE DROPSEED

CHEROKEE SEDGE
PENNSYLVANIA SEDGE
EASTERN STAR SEDGE
BIG BLUE LILYTURF
LAMB'S EAR

SNOW CROCUS
DAFFODIL
TULIP
SNOWDROPS
RETICULATED IRIS

PLANTING PLAN LEGEND

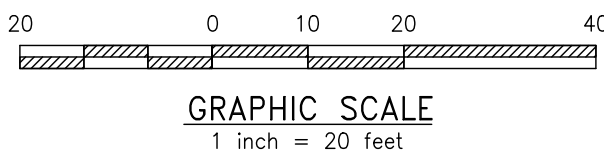
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- FOLLOWING COMPLETION OF ALL PLANTING INSTALLATION WORK, THE CONTRACTOR SHALL BE REQUIRED TO RESTORE ALL DISTURBED LAWN AREAS.
- NO TREE SHALL BE PLANTED CLOSER THAN 10 FEET FROM AN UNDERGROUND UTILITY.
- ALL LINES ARE PARALLEL OR PERPENDICULAR UNLESS SHOWN OTHERWISE.
- VERIFY LAYOUT OF ALL PROPOSED WORK TO EXISTING CONDITIONS. REPORT DISCREPANCIES BEFORE ANY CLEARING OR EXCAVATION IS DONE.
- PROVIDE STAKED LAYOUT ON SITE FOR OWNER AND LANDSCAPE ARCHITECT'S REVIEW PRIOR TO COMMENCING WORK.
- ALL DIMENSIONS SHOWN ARE TO FACE OF MATERIALS, UNLESS SHOWN OTHERWISE.
- PLEASE NOTE, CLIENT DID NOT RETAIN STUART AND ASSOCIATES, INC. TO PROVIDE LONG TERM MAINTENANCE SPECIFICATIONS FOR THE LANDSCAPE MATERIAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING PA ONE CALL AND LOCATING ALL UNDERGROUND UTILITIES BEFORE ANY DIGGING OR PLANT REMOVAL OCCURS.
- CONTRACTOR SHALL INSTALL SILT FENCE IN ANY AREAS WHERE SOIL MAY RUNOFF INTO PARKING AREAS OR INTO EXISTING INLETS.
- FOLLOWING THE COMPLETION, THE EXISTING VEGETATION WILL BE INSPECTED FOR HEALTH AND QUALITY, AND IF NOT DEEMED IN GOOD CONDITION, REPLACED WITH THE EQUIVALENT COMPENSATORY PLANTINGS.
- V.I.F. = VERIFY IN FIELD.

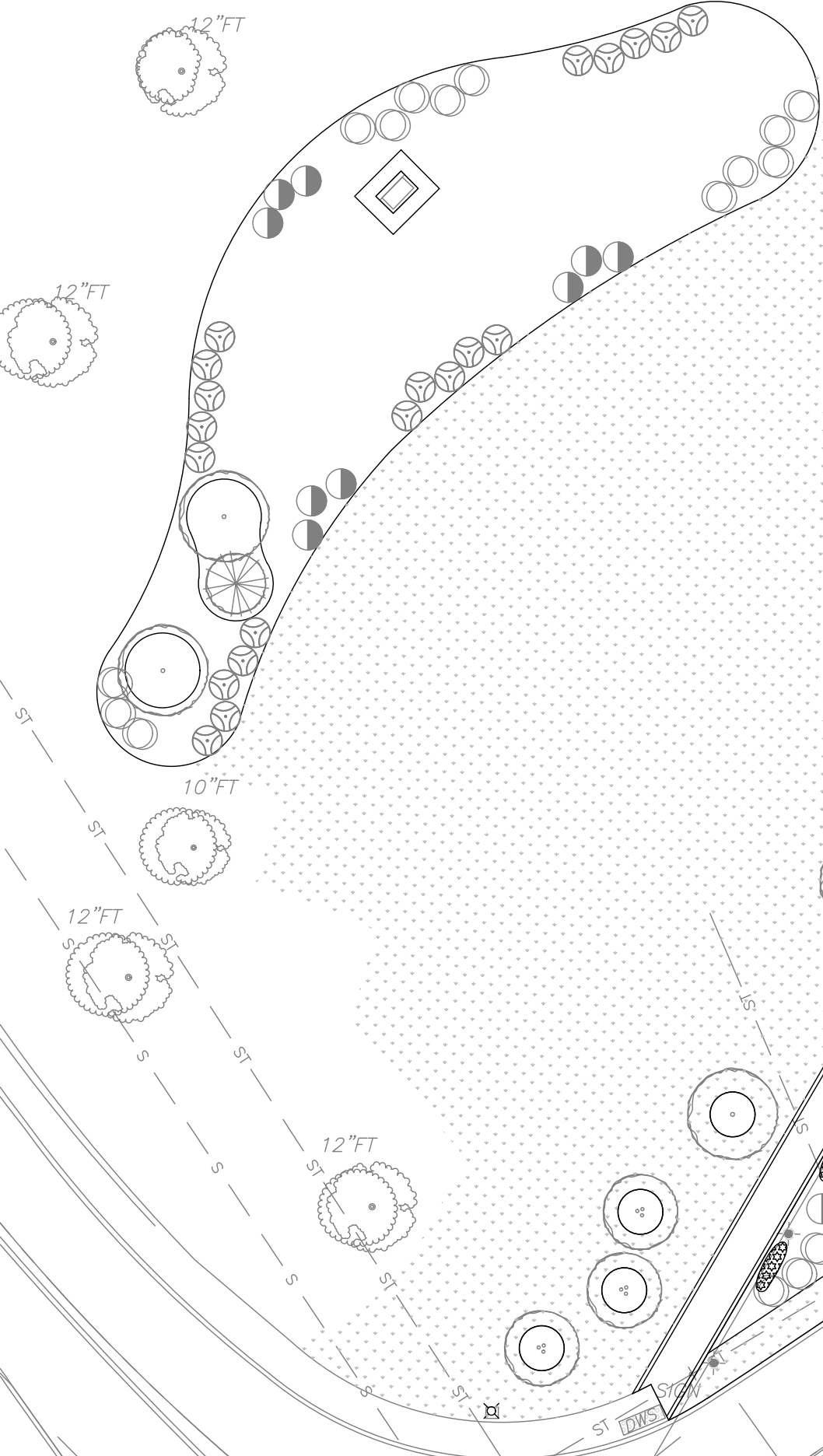
PLANTING PLAN NOTES:

- ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI Z601-2004). PLANT ACCORDING TO ANSI A300 PART 6.
- SCARIFY THE SUBGRADE AND SIDES OF THE PLANTING HOLE WHEN PLANTING IN CLAY SOILS (MORE THAN 15% CLAY).
- LIFT AND SET THE TREE BY ROOTBALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.
- SET THE TOP OF THE ROOTBALL LEVEL WITH THE SOIL SURFACE OR SLIGHTLY HIGHER IF THE SOIL IS PRONE TO SETTLING.
- AFTER THE TREE IS SET IN PLACE, REMOVE BURLAP, WIRE AND STRAPS FROM AT LEAST THE UPPER 1/2 OF THE ROOTBALL.
- PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH THE ANSI A300 SPECIFICATIONS. IF ADDITIONAL PRUNING IS NECESSARY, IT SHALL BE DONE BY A CERTIFIED ARBORIST.
- REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK. DO NOT REMOVE TREE IDENTIFICATION TAGS UNTIL THE LANDSCAPE ARCHITECT HAS CONFIRMED CORRECT SPECIES MATCHES THE PROJECT PLANTING SCHEDULE.
- ALL PLANT NURSERIES TO BE WITHIN 100 MILES OF PROJECT AREA. IF NURSERIES ARE OUTSIDE OF NOTED ZONE, PRIOR APPROVAL BY LANDSCAPE ARCHITECT MUST BE GRANTED.



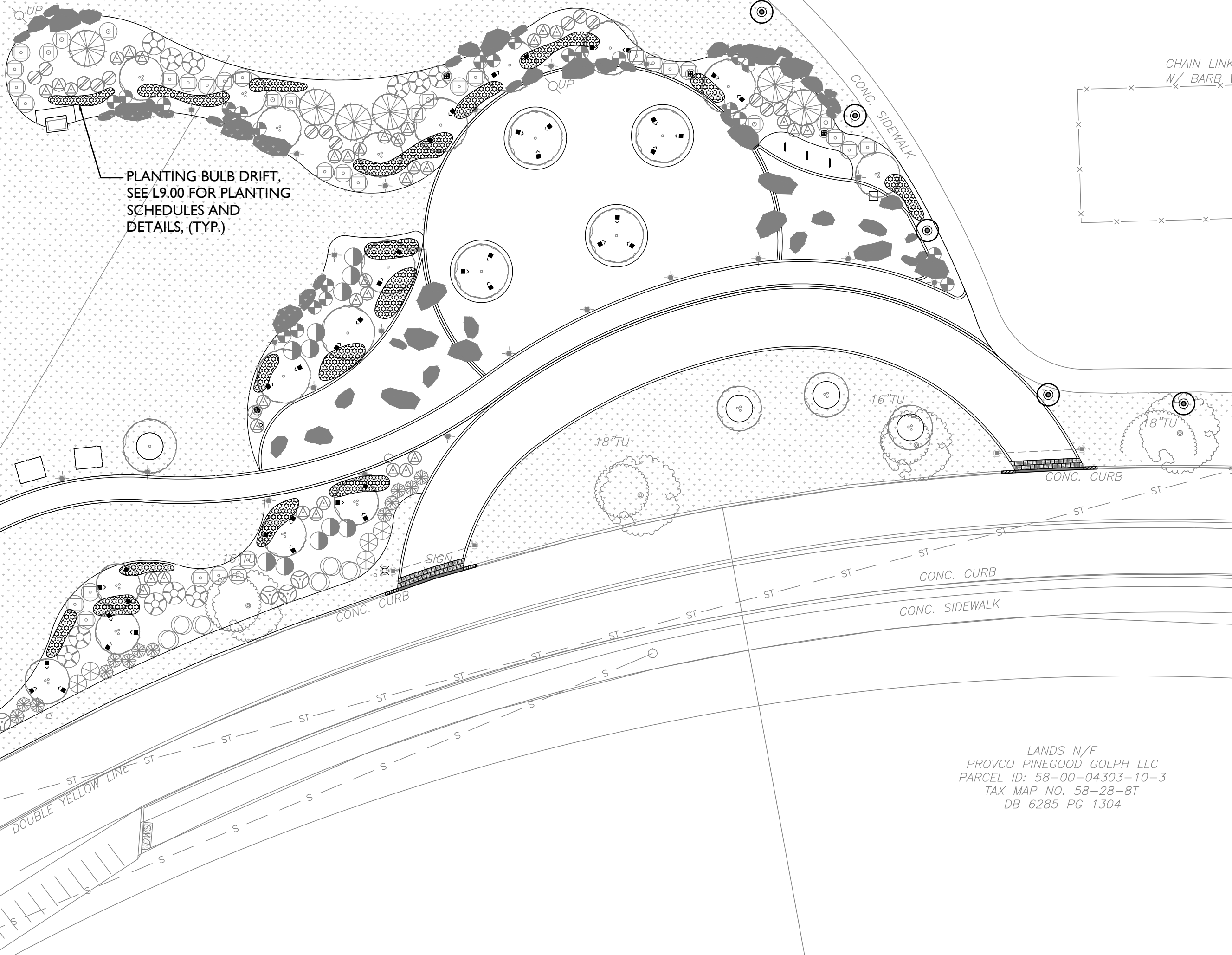
2 SEED MIX DETAIL PLANTING PLAN, TYP.

SCALE : 1" = 20'-0"



1 SEASONAL BULB DETAIL PLANTING PLAN, TYP.

SCALE : 1" = 20'-0"



CONSTRUCTION DOCUMENTS



SEAL



LICENSE #: LA003025

TEAM

LANDSCAPE ARCHITECT  
**STUART AND ASSOCIATES, LLC.**  
860 FIRST AVENUE, SUITE 9B  
KING OF PRUSSIA, PA 19406  
TEL. 610.337.2100

OWNER

**KING OF PRUSSIA DISTRICT**  
234 MALL BOULEVARD SUITE 150  
KING OF PRUSSIA, PA 19406  
484.681.9452

PROJECT NAME

RECHARGE PARK

FIRST AVENUE AND FREEDOM  
BUSINESS CENTER DRIVE  
KING OF PRUSSIA, PA 19406



REVISIONS

NO.	DATE	NOTES

DRAWN BY

VAM / TAS

CHECKED BY

PJS

SCALE

1" = 20'

DATE

05.23.2025

PLOTTED DATE

06.12.2025

DRAWING NAME

SEASONAL DETAIL  
PLANTING PLAN

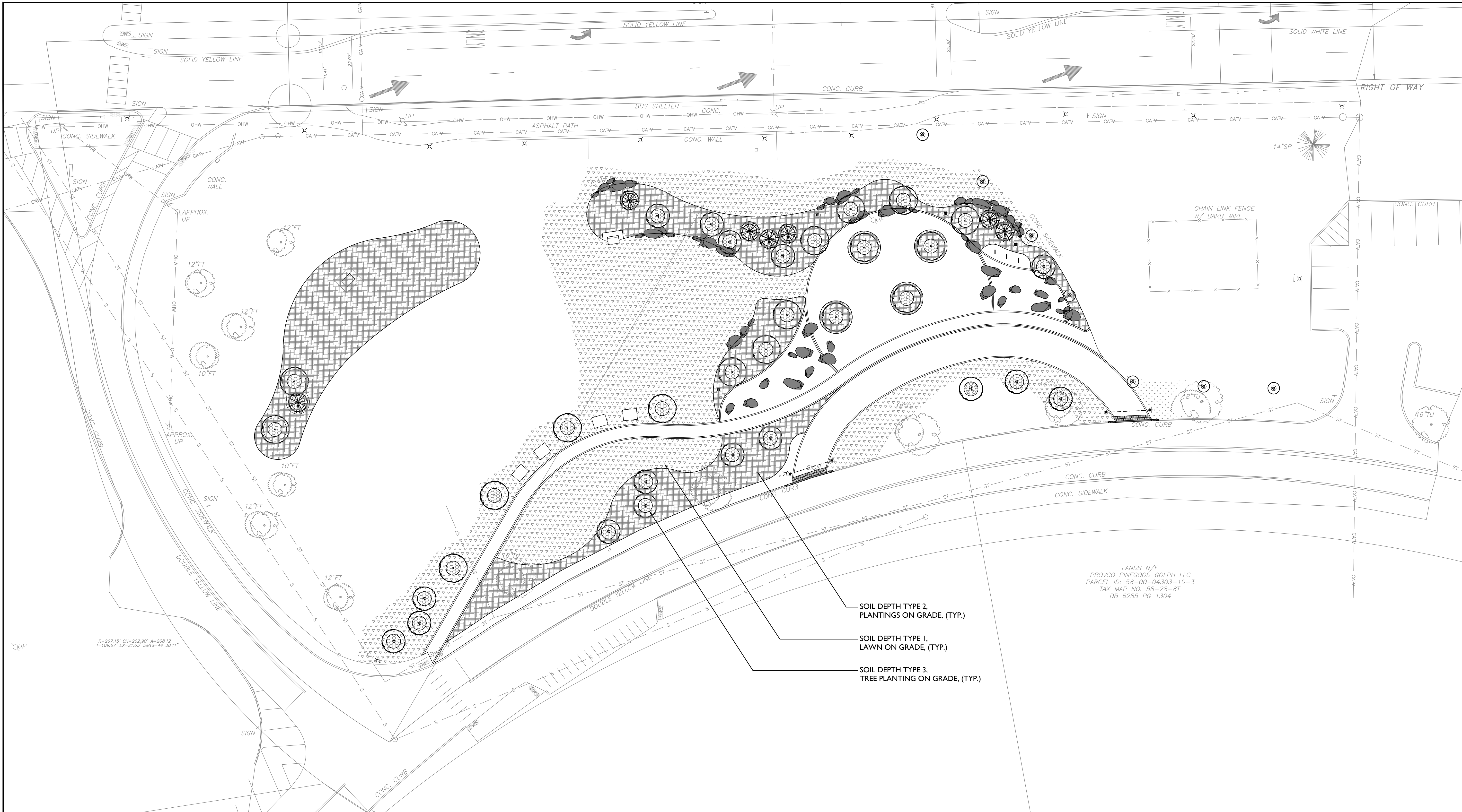
DRAWING NUMBER

L8.10

SHEET NUMBER

21 OF 23





**SITE PLAN NOTES:**

- ALL LINES AND GRADE WORK NOT PRESENTLY ESTABLISHED AT THE SITE SHALL BE LAID OUT BY A REGISTERED LAND SURVEYOR OR PROFESSIONAL CIVIL ENGINEER EMPLOYED BY THE CONTRACTOR IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THIS PLAN TO BE USED FOR LANDSCAPING AND SITE IMPROVEMENT PURPOSES ONLY.
- PLANS CREATED FROM DRAWINGS FROM SITE ENGINEERING CONCEPTS DATED, 01/02/2025.
- LOCATION OF ALL UNDERGROUND UTILITIES SHALL BE VERIFIED AND MARKED IN THE FIELD, PRIOR TO ANY DIGGING OPERATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING EXISTING TREES AND PLANT MATERIAL WITHIN THE AREA OF PROPOSED IMPROVEMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS OFF-SITE, CLEAN-UP OF ALL PAVED AREAS (ROADWAYS, SIDEWALKS, ETC.); AND RESTORATION OF ALL DISTURBED LAWN AREAS.
- CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE TO UNDERGROUND UTILITIES DAMAGED.
- CONTRACTOR SHALL PROVIDE SCREENED PLANTING SOIL WHERE PLANTING IS TO OCCUR. 36" DEPTH. 6" DEPTH AT LAWN AREAS.
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**PLANTING PLAN NOTES:**

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**SOILS PLAN LEGEND**

	SOIL DEPTH TYPE 1 (6" DEPTH, LAWN ON GRADE)
	SOIL DEPTH TYPE 2 (12-24" DEPTH, ON GRADE)
	SOIL DEPTH TYPE 3 (36" MINIMUM DEPTH, ON GRADE)

**PROPOSED TREE (EVERGREEN, CANOPY, FLOWERING)  
(SEE L8.00-L9.00)**

	1. SOIL TYPE 1	3. SPEC : SOIL TYPE 3
	1.1. LOCATION : LAWN ON GRADE	3.1. LOCATION : TREE PLANTINGS, ON GRADE
	1.2. DEPTH : 6"	3.2. DEPTH : 36" MIN.
	1.3. SPEC. PLANTING SOIL, SUBMIT SOIL REPORTS AND SAMPLES FOR APPROVAL	3.3. SPEC : PLANTING SOIL, SUBMIT SOIL REPORTS AND SAMPLES FOR APPROVAL
	2. SOIL TYPE 2	
	2.1. LOCATION : PLANTING AREAS ON GRADE	
	2.2. DEPTH : 12-24" , SEE PLANTING DETAILS, SHEET L9.00	
	2.3. SPEC. PLANTING SOIL, SUBMIT SOIL REPORTS AND SAMPLES FOR APPROVAL	

**SOIL SPECS/MANUFACTURER:**

1. SOIL TYPE 1	3. SPEC : SOIL TYPE 3
1.1. LOCATION : LAWN ON GRADE	3.1. LOCATION : TREE PLANTINGS, ON GRADE
1.2. DEPTH : 6"	3.2. DEPTH : 36" MIN.
1.3. SPEC. PLANTING SOIL, SUBMIT SOIL REPORTS AND SAMPLES FOR APPROVAL	3.3. SPEC : PLANTING SOIL, SUBMIT SOIL REPORTS AND SAMPLES FOR APPROVAL
2. SOIL TYPE 2	
2.1. LOCATION : PLANTING AREAS ON GRADE	
2.2. DEPTH : 12-24" , SEE PLANTING DETAILS, SHEET L9.00	
2.3. SPEC. PLANTING SOIL, SUBMIT SOIL REPORTS AND SAMPLES FOR APPROVAL	



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REVISIONS

NO.	DATE	NOTES

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CHECKED BY

PJS

SCALE

1" = 20'

DATE

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PLOTTED DATE

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DRAWING NAME

**SOILS PLAN**

DRAWING NUMBER

SHEET NUMBER

**L8.20**

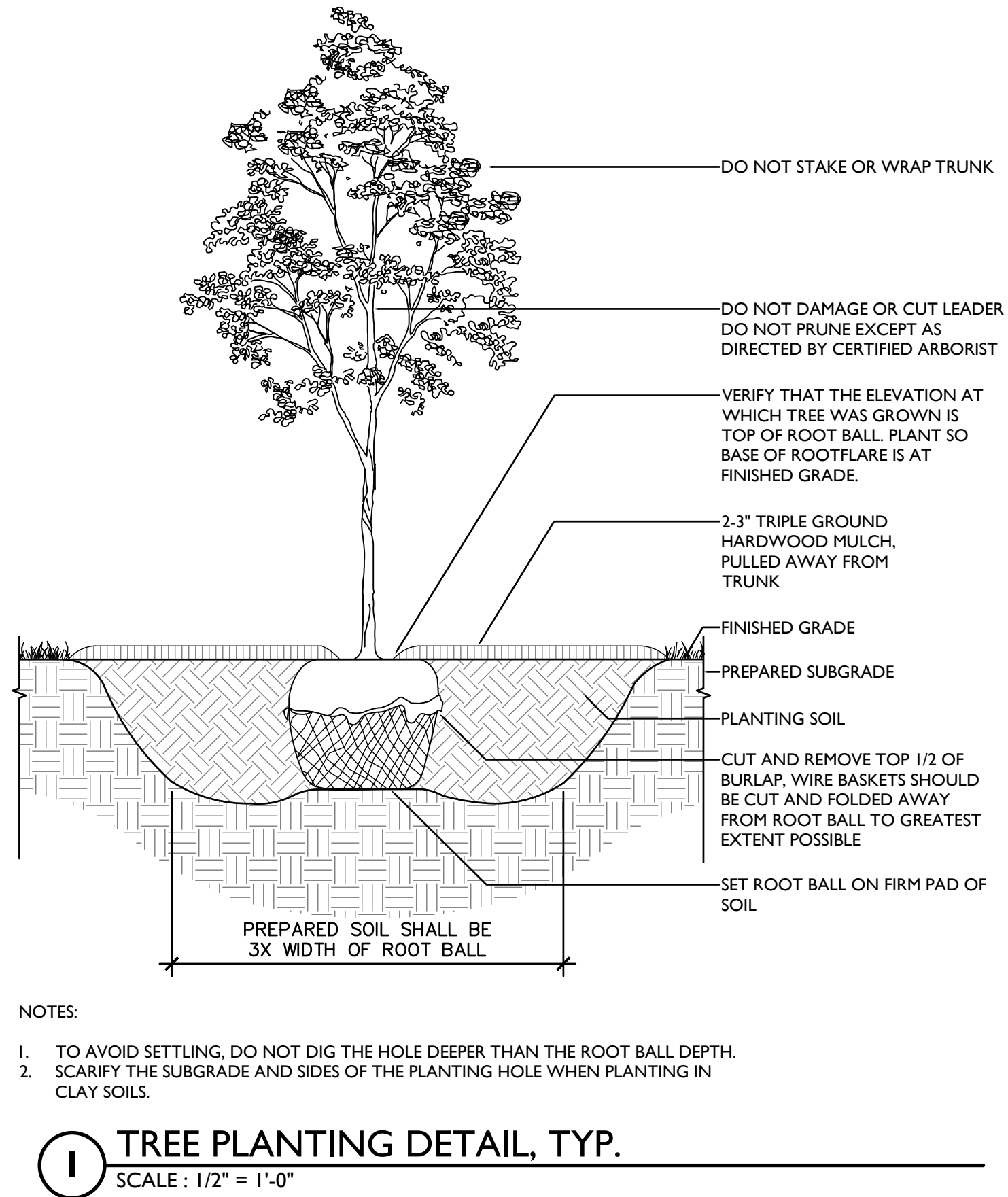
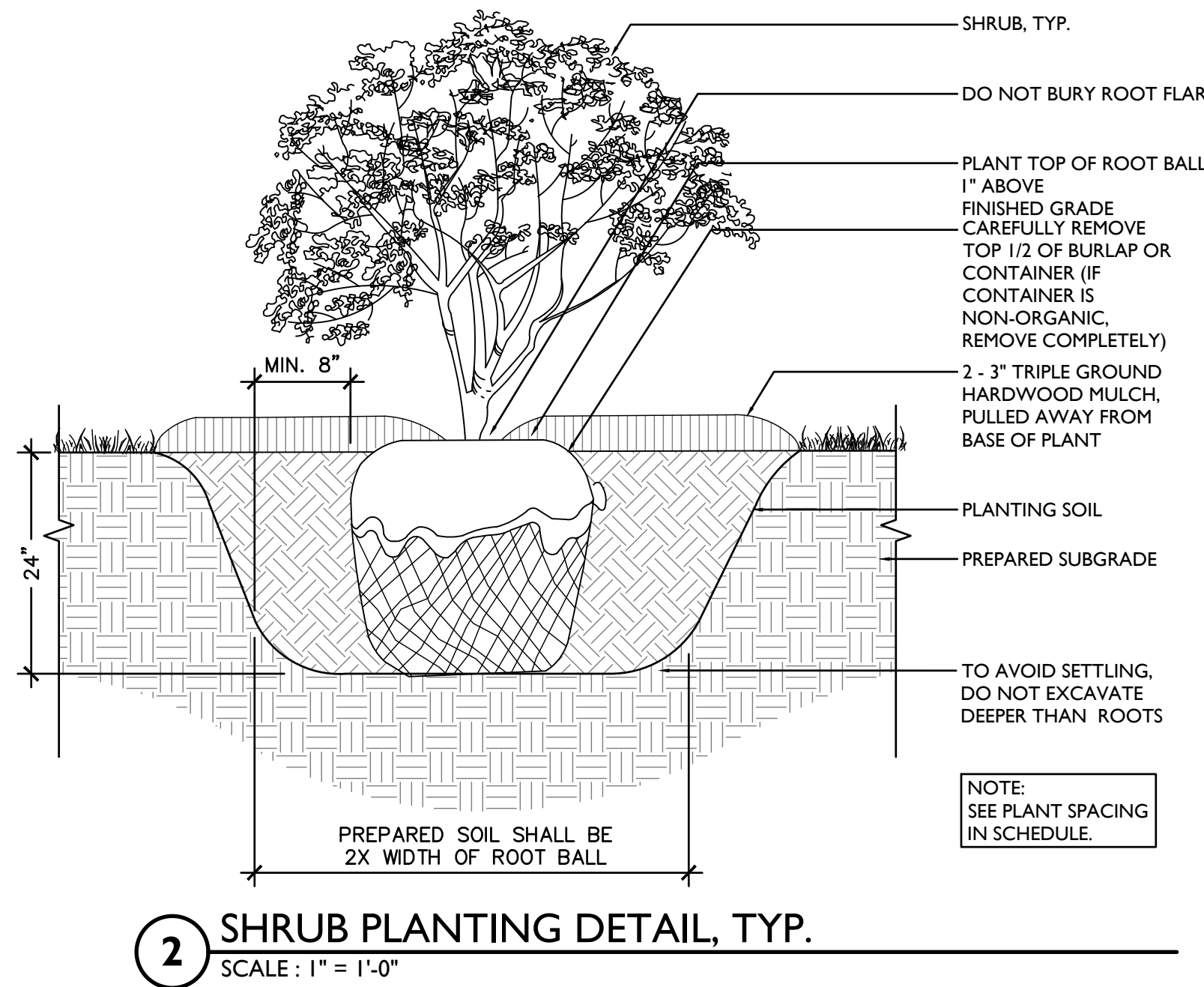
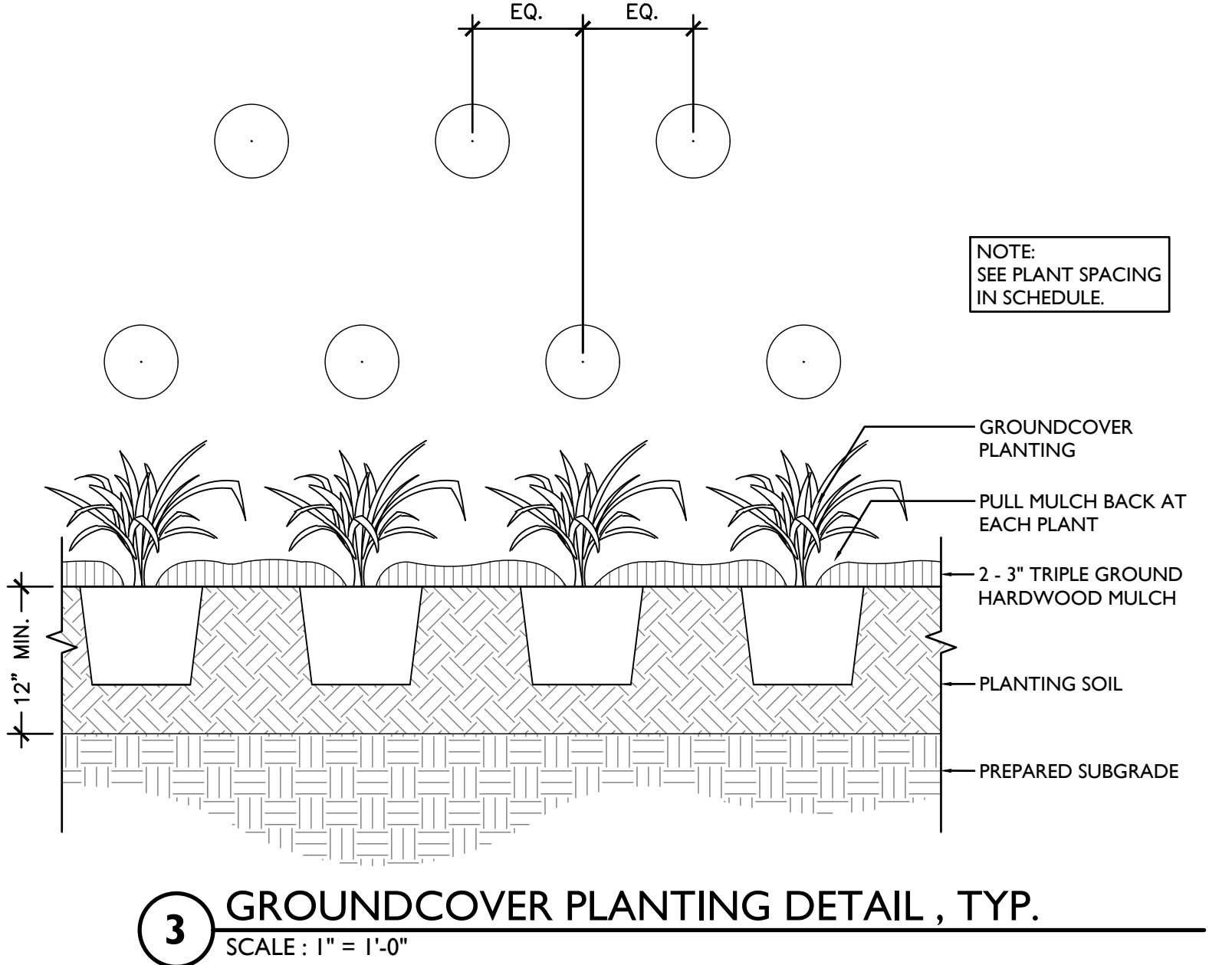
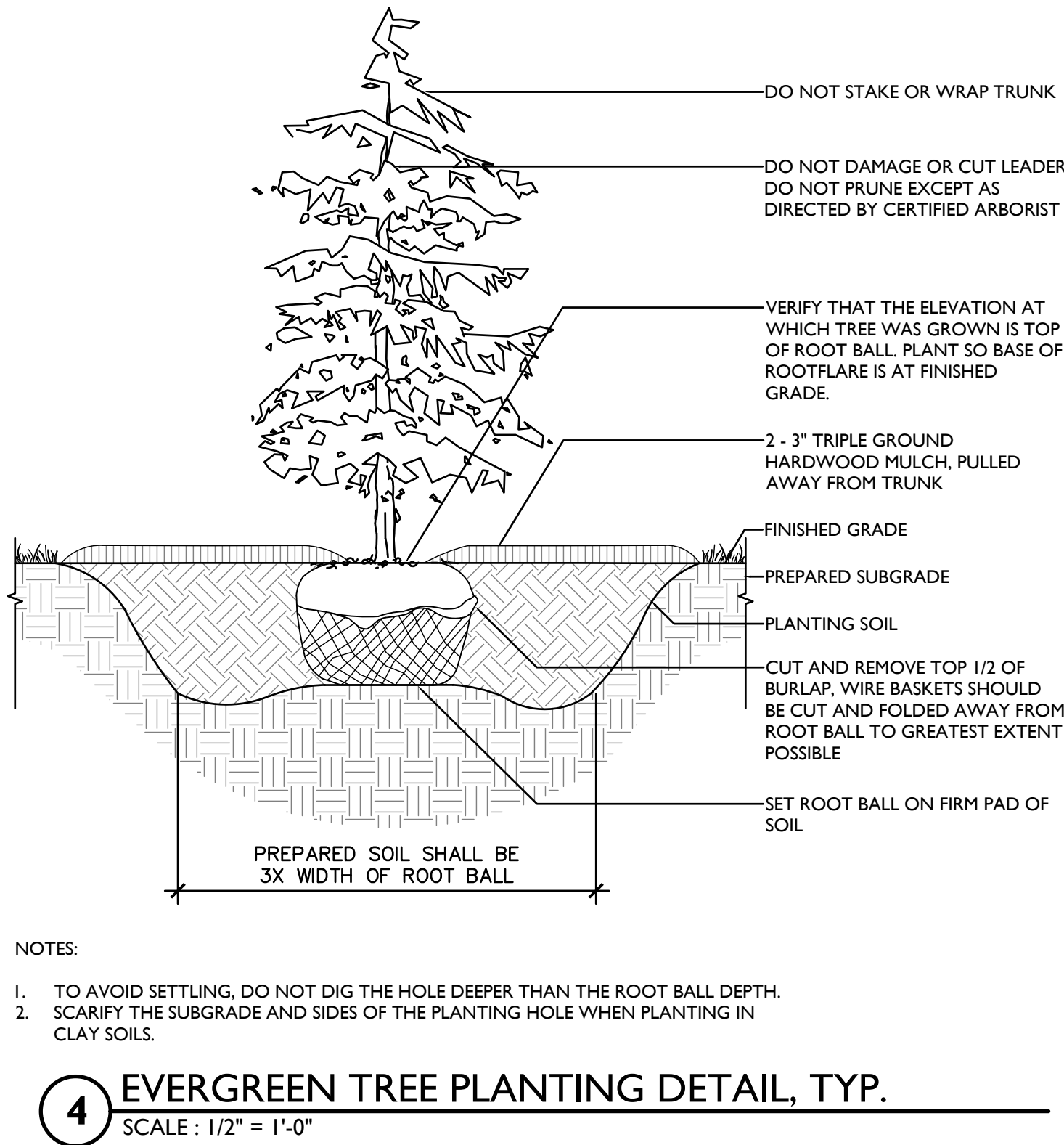
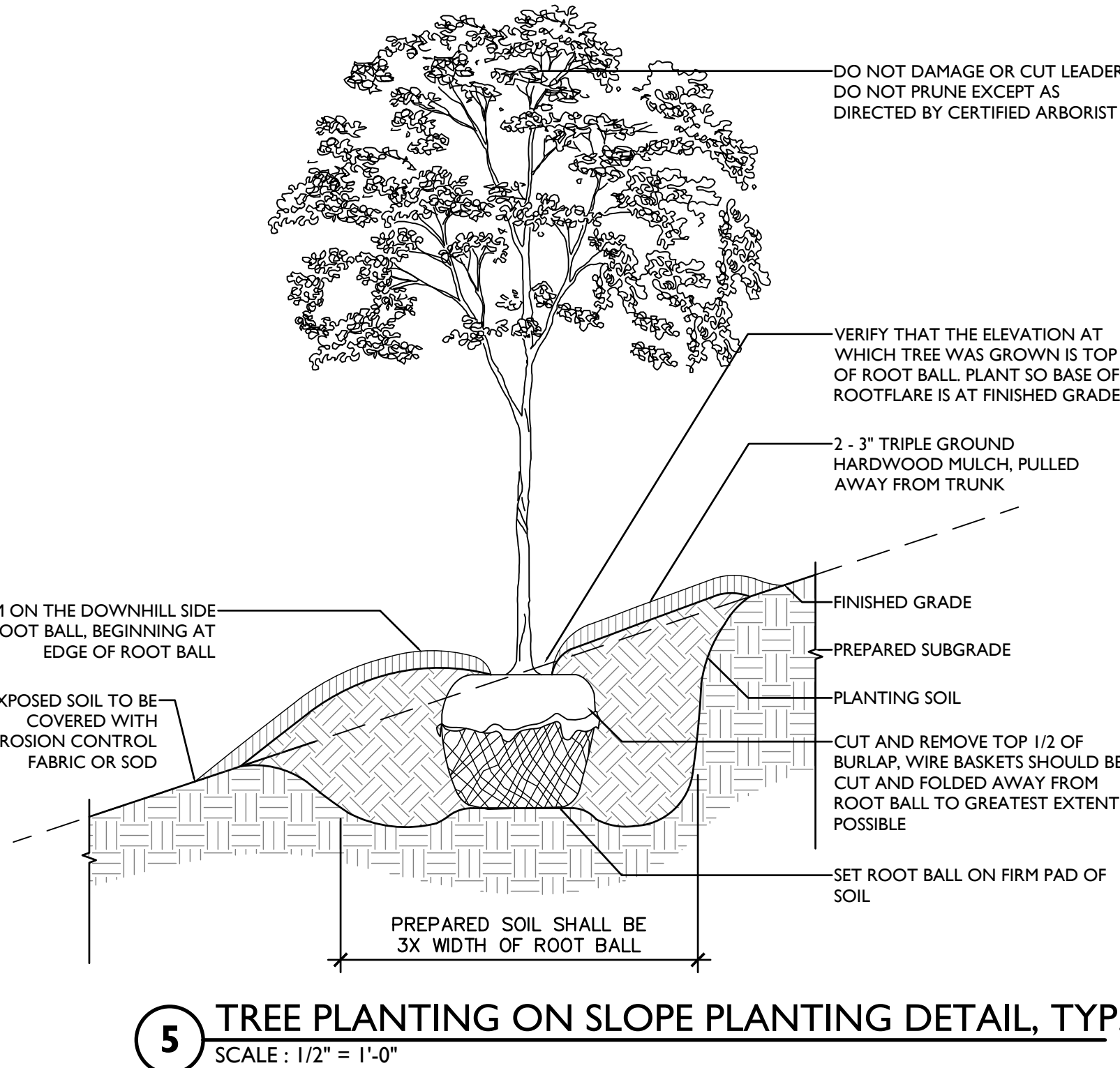
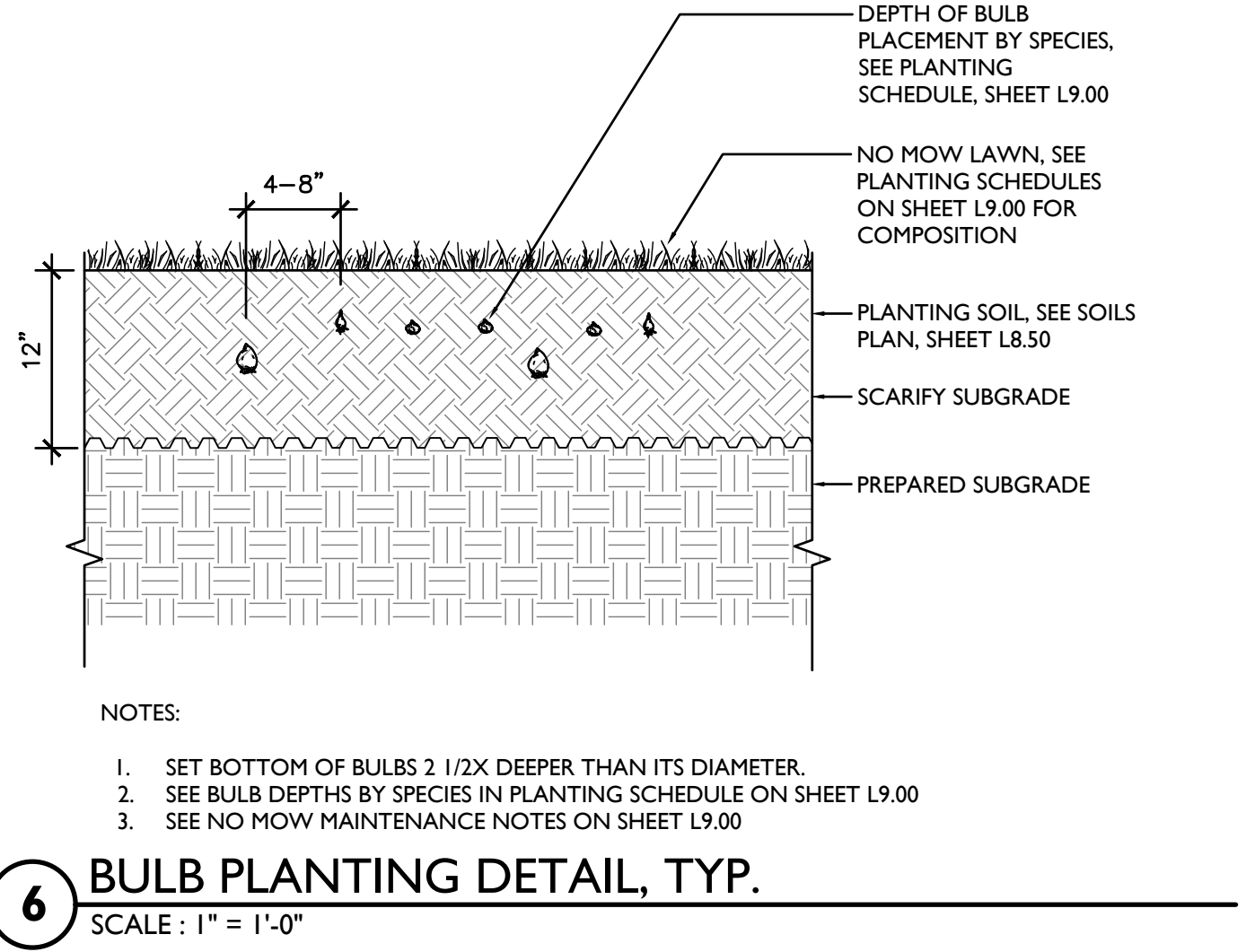
22 OF 23



PLANTING SCHEDULE

QTY	SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	NOTES
SHADE TREES					
11	TD	TAXODIUM DISTICHUM	BALD CYPRESS	2.5-3" CAL., B&B, SPACING AS SHOWN	
6	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	3.5-4" CAL., B&B, SPACING AS SHOWN	
FLOWERING TREES					
3	CC	CERCIS CANADENSIS 'RISING SUN'	'RISING SUN' EASTERN REDBUD	8-10' HT., B&B, SPACING AS SHOWN	
4	CF	CORNUS FLORIDA	FLOWERING DOGWOOD (WHITE)	8-10' HT., B&B, SPACING AS SHOWN	
1	MV	MAGNOLIA VIRGINIANA	SWWETBAY MAGNOLIA	10-12' HT., B&B, SPACING AS SHOWN	
2	PP	PARROTIA PERSICA 'VANESSA'	'VANESSA' PERSIAN IRONWOOD	8-10' HT., B&B, SPACING AS SHOWN	
6	PY	PRUNUS YEDOENSIS	YOSHINO CHERRY	8-10' HT., B&B, SPACING AS SHOWN	
EVERGREEN TREES					
1	CA	CEDRUS ATLANTICA	BLUE ATLAS CEDAR	8-10' HT., B&B, SPACING AS SHOWN	
1	CD	CEDRUS DEODARA	DEODAR CEDAR	8-10' HT., B&B, SPACING AS SHOWN	
3	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-8' HT., B&B, SPACING AS SHOWN	
1	PC	PINUS STROBUS 'CONTORTA'	'CONTORTA' SHORE PINE	8-10' HT., B&B, SPACING AS SHOWN	
1	PS	PINUS STROBUS	EASTERN WHITE PINE	8-10' HT., B&B, SPACING AS SHOWN	
SHRUBS					
11		VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	30-36" HT., 8" O.C.	
23		JUNIPERUS CONFERTA	SHORE JUNIPER	18-24" HT., 4" O.C.	
10		ARONIA MELANOCARPA	BLACK CHOKEBERRY	30-36" HT., 8" O.C.	
14		ILEX GLABRA 'COMPACTA'	'COMPACTA' INKBERRY	24-30" HT., 12" O.C.	
14		PHYSOCARPUS OPULIFOLIUS 'LITTLE DEVIL'	'LITTLE DEVIL' DWARF NINEBARK	30-36" HT., 8" O.C.	
9		JUNIPERUS VIRGINIANA 'GREY OWL'	'GREY OWL' JUNIPER SHRUB	24-30" HT., 12" O.C.	
9		CORNUS SERICEA 'FLAVIRAMEA'	'FLAVIRAMEA' YELLOW TWIG DOGWOOD	30-36" HT., 8" O.C.	
36		FOTHERGILLA GARDENII 'BLUE MIST'	'BLUE MIST' DWARF FOTHERGILLA	24-30" HT., 12" O.C.	
9		HYDRANGEA QUERCIFOLIA 'PEE WEE'	'PEE WEE' DWARF OAKLEAF HYDRANGEA	30-36" HT., 8" O.C.	
13		CLETHRA ALNIFOLIA 'HUMMINGBIRD'	'HUMMINGBIRD' SWEET PEPPERBUSH	24-30" HT., 12" O.C.	
31		RHUS AROMATICA 'GRO-LOW'	'GRO-LOW' SUMAC	24-30" HT., 12" O.C.	
PERENNIALS					
14		AGASTACHE 'BLUE FORTUNE'	'BLUE FORTUNE' HYSSOP	1 GALLON CONT., 24" O.C.	
111		ALLIUM LUSITANICUM 'SUMMER BEAUTY'	'SUMMER BEAUTY' ALLIUM	1 GALLON CONT., 18" O.C.	
26		AMSONIA HUBRICHTII	THREADLEAF BLUESTAR	1 GALLON CONT., 24" O.C.	
45		AMSONIA TABERNAMONTANA 'STORM CLOUD'	'STORM CLOUD' BLUESTAR	1 GALLON CONT., 18" O.C.	
38		BAPTISIA 'LEMON MERINGUE'	'LEMON MERINGUE' FALSE INDIGO	1 GALLON CONT., 18" O.C.	
30		BAPTISIA 'IVORY TOWER'	'IVORY TOWERS' FALSE INDIGO	1 GALLON CONT., 18" O.C.	
41		ECHINACEA PURPUREA 'POWOW WHITE'	'POWOW WHITE' CONEFLOWER	1 GALLON CONT., 18" O.C.	
21		GERANIUM MACULATUM	WILD GERANIUM	1 GALLON CONT., 18" O.C.	
17		LIATRIS SPICATA	BLAZING STAR	1 GALLON CONT., 18" O.C.	
22		MONARDA FISTULOSA	WILD BERGAMONT	1 GALLON CONT., 18" O.C.	
13		PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	'LITTLE SPIRE' RUSSIAN SAGE	1 GALLON CONT., 24" O.C.	
17		RUDBECKIA FULGIDA 'LITTLE GOLDSTAR'	'LITTLE GOLDSTAR' BLACK-EYED SUSAN	1 GALLON CONT., 18" O.C.	
24		SEDUM 'AUTUMN JOY'	'AUTUMN JOY' UPRIGHT STONECROP	1 GALLON CONT., 18" O.C.	
22		SOLIDAGO RUGOSA 'FIREWORKS'	'FIREWORKS' WRINKLELEAF GOLDENROD	1 GALLON CONT., 18" O.C.	
24		SYMPHYOTRICHUM CORDIFOLIUM	BLUE WOOD ASTER	1 GALLON CONT., 18" O.C.	
GRASSES					
71		BOUTELOUA GRACILIS 'BLONDE AMBITION'	'BLONDE AMBITION' BLUE GRAMA GRASS	1 GALLON CONT., 24" O.C.	
36		CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	'KARL FOERSTER' FEATHER REED GRASS	1 GALLON CONT., 24" O.C.	
154		DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	1 GALLON CONT., 24" O.C.	
70		ERAGROSTIS SPECTABILIS	PURPLE LOVE GRASS	1 GALLON CONT., 24" O.C.	
57		FESTUCA GLAUCA 'BEYOND BLUE'	'BEYOND BLUE' COMMON BLUE FESCUE	1 GALLON CONT., 24" O.C.	
21		JUNCUS EFFUSUS	SOFT RUSH	1 GALLON CONT., 18" O.C.	
116		PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS	1 GALLON CONT., 24" O.C.	
69		PENNISETUM ALOPECUROIDES 'PIGLET'	'PIGLET' DWARF FOUNTAIN GRASS	1 GALLON CONT., 18" O.C.	
129		SCHIZACHYRIUM SCOPARIUM 'STANDING OVATION'	'STANDING OVATION' LITTLE BLUESTEM	1 GALLON CONT., 18" O.C.	
164		SPOROBOLUS HETEROLEPSIS	PRAIRIE DROPSEED	1 GALLON CONT., 24" O.C.	
GROUNDCOVERS					
32		CAREX CHEROKEENSIS	CHEROKEE SEDGE	1 GALLON CONT., 12" O.C.	
51		CAREX PENNSYLVANICA	PENNSYLVANIA SEDGE	1 GALLON CONT., 12" O.C.	
56		CAREX RADIATA	EASTERN STAR SEDGE	1 GALLON CONT., 12" O.C.	
113		LIRIOPE MUSCARI	BIG BLUE LILYTURF	1 GALLON CONT., 12" O.C.	
33		STACHYS BYZANTINA	LAMB'S EAR	1 GALLON CONT., 12" O.C.	
BULBS					
150		CROCUS TOMMASINIANUS	SNOW CROCUS	MIX RANDOMLY, PLANTING DEPTH PER NURSERY INSTRUCTIONS, DEPTH 2-3X SIZE OF BULB	
150		NARCISSUS	DAFFODIL		
150		TULIPA	TULIP		
150		GALANTHUS ELWESII	SNOWDROPS		
150		IRIS RETICULATA	RETICULATED IRIS		
SEED MIXES					
2,600 SF		RAIN GARDEN MIX ERNMX-180		20LBS PER ACRE WITH COVER CROP	

7 PLANTING SCHEDULE  
SCALE : N.T.S.



SEAL



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PLANTING SCHEDULES  
AND DETAILS

DRAWING NUMBER  
SHEET NUMBER

**L9.00**  
23 OF 23