

CITY OF PHILADELPHIA CAPITAL PROGRAM OFFICE

MAYOR – Cherelle L. Parker

MANAGING DIRECTOR – Adam K. Thiel

DIRECTOR OF CAPITAL PROGRAM OFFICE – Aparna Palantino

COMMISSIONER OF PHILADELPHIA PARKS AND RECREATION – Susan Slawson



LEMON HILL PLAYGROUND 39 STATE RTE 3007, PHILADELPHIA, PA 19130 16-25-7259-01

MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

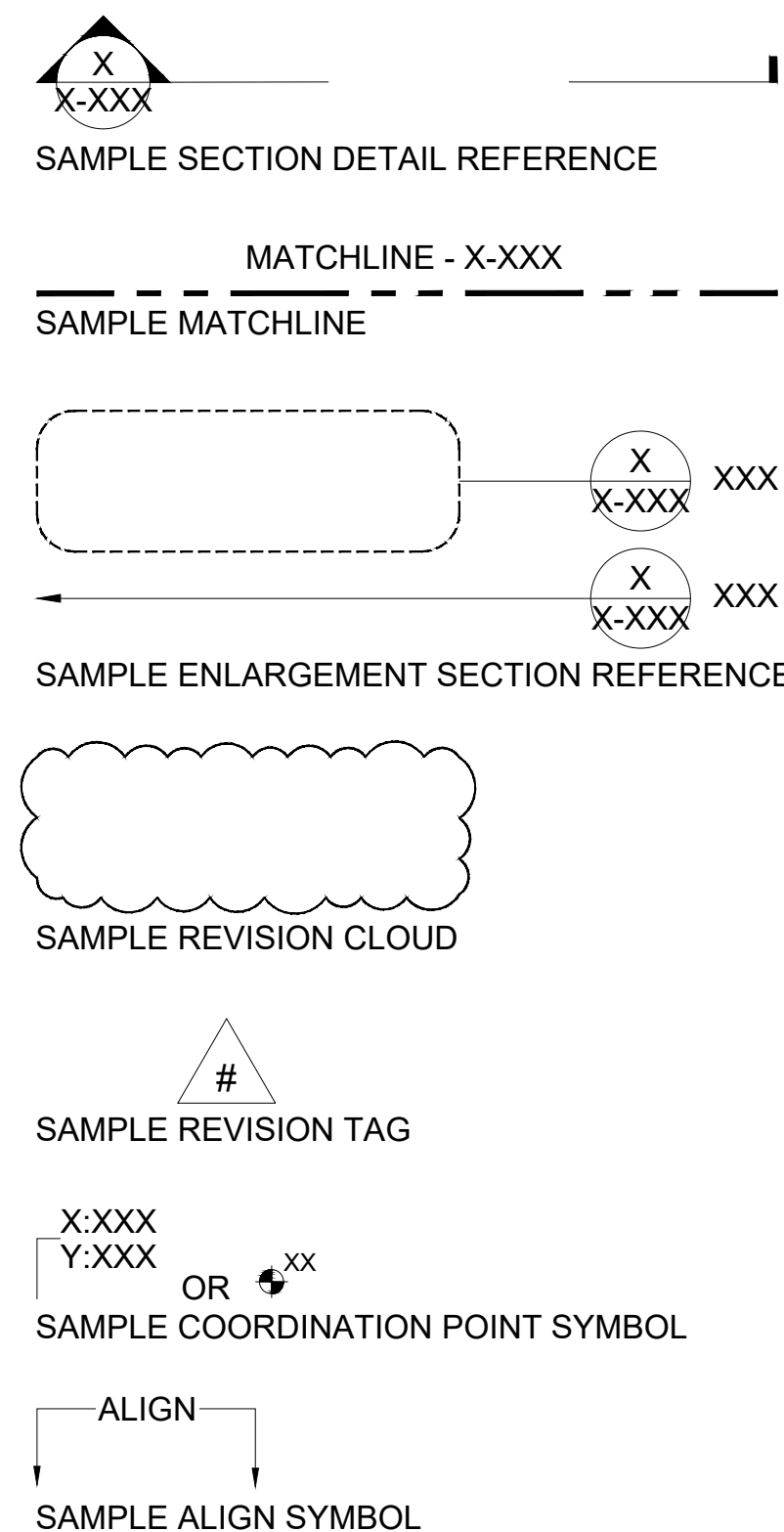
COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

ABBREVIATIONS

AC - ACRE
AVG - AVERAGE
B&B - BALLED AND BURLAPPED
BC - BOTTOM OF CURB
BS - BOTTOM OF STAIR
BW - BOTTOM OF WALL
CAL - CALIPER
C.I.P. - CAST IN PLACE
CL - CENTER LINE
CLR - CLEARANCE
CRZ - CRITICAL ROOT ZONE
DIA - DIAMETER
DWG - DRAWING
E - EAST
EG - EXISTING GRADE
ELECT - ELECTRICAL
EQ - EQUAL
E.W. - EACH WAY
FG - FINISHED GRADE
FT - FOOT / FEET
GAL - GALLON
GND - GROUND
HRS - HOURS
LBS - POUND
LF - LINEAR FEET
MAX - MAXIMUM
MIN - MINIMUM
MM - MILLIMETER
MOD - MODIFIED
N - NORTH
NO - NUMBER
NTS - NOT TO SCALE
O.C. - ON CENTER
PC - POINT OF CURVATURE
PT - POINT / POINT OF TANGENCY
PROP - PROPOSED
QTY - QUANTITY
R - RADIUS
REF - REFERENCE

S - SOUTH
SCH - SCHEDULE
SEC - SECTION
SF - SQUARE FOOT / FEET
SPEC - SPECIFICATION
SQ - SQUARE
SRZ - STRUCTURAL ROOT ZONE
STL - STEEL
TC - TOP OF CURB
THK - THICK
TS - TOP OF STAIR
TW - TOP OF WALL
TYP - TYPICAL
VERT - VERTICAL
VIF - VERIFY IN FIELD
W - WEST
W/ - WITH
@ - AT

SYMBOLS



DRAWING LIST

PAGE	SHEET NUMBER	TITLE
GENERAL		
1	G-000	COVER SHEET
CIVIL		
2	C-010	GENERAL NOTES
3	C-100	EXISTING CONDITIONS AND DEMOLITION PLAN
4	C-200	GRADING PLAN - PLAYGROUND - EAST
5	C-201	GRADING PLAN - PLAYGROUND - WEST
6	C-210	SITE DETAILS
7	C-300	PCSM PLAN
8	C-310	PCSM DETAILS
9	C-500	EROSION AND SEDIMENT CONTROL PLAN
10	C-510	EROSION AND SEDIMENT CONTROL DETAILS
11	C-511	EROSION AND SEDIMENT CONTROL DETAILS
LANDSCAPE		
12	L-001	GENERAL NOTES
13	L-002	KEY PLAN
14	L-100	LAYOUT PLAN - PLAYGROUND - EAST
15	L-101	LAYOUT PLAN - PLAYGROUND - WEST
16	L-110	FOOTING LAYOUT PLAN - PLAYGROUND - EAST
17	L-111	FOOTING LAYOUT PLAN - PLAYGROUND - WEST
18	L-200	MATERIALS PLAN - PLAYGROUND - EAST
19	L-201	MATERIALS PLAN - PLAYGROUND - WEST
20	L-210	MATERIALS SCHEDULE
21	L-300	SAFETY SURFACE LAYOUT PLAN - EAST
22	L-301	SAFETY SURFACE LAYOUT PLAN - WEST
23	L-400	PLANTING PLAN
24	L-800	SECTIONS - 1
25	L-801	SECTIONS - 2
26	L-900	DETAILS - PAVING
27	L-901	DETAILS - TRANSITION
28	L-902	DETAILS - RAMP AND RAILING
29	L-903	DETAILS - STAIRS AND RAILING
30	L-904	DETAILS - FOOTING
31	L-905	DETAILS - FURNISHING
32	L-906	DETAILS - SIGNAGE
33	L-907	DETAILS - PLANTING

LOCATION PLAN



SEALS

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT NO.
16-25-7259-01

DATE
02/13/2026

SCALE
AS NOTED

DRAWN BY
TW

CHECKED BY
TS

DRAWING NO.
G-001

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REFERENCES:

1. A MAP ENTITLED "EXISTING CONDITIONS SURVEY", PREPARED BY SAS GEOSPATIAL, LLC DATED 08/30/2024, OR LAST REVISED.

GENERAL NOTES:

1. **OWNER:**
CITY OF PHILADELPHIA
DEPARTMENT OF PARKS & RECREATION
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA, PA 19102
215-683-3600
2. THESE PLANS ARE NOT TO BE USED AS SURVEYS. REFER TO REFERENCE SOURCES FOR BOUNDARY AND TOPOGRAPHIC INFORMATION (REFERENCES ABOVE).
3. VERTICAL INFORMATION AS SHOWN HEREON IS BASED ON CITY DATUM OF PHILADELPHIA.
4. HORIZONTAL INFORMATION IS BASED ON THE NORTH AMERICAN DATUM OF 1983 (NAD83) COORDINATE SYSTEM.
5. THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION ACTIVITIES TO WITHIN THE LIMIT OF WORK AND/OR THE RIGHT-OF-WAY. ALL DISTURBED AREAS ARE TO BE RESTORED TO EXISTING CONDITIONS OR AS INDICATED IN THE CONTRACT DOCUMENTS.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND IMPROVEMENTS WITHIN THE PROJECT LIMITS AND RIGHT-OF-WAY. THESE FEATURES INCLUDE BUT ARE NOT LIMITED TO TREES, SHRUBS, LANDSCAPING, DRIVEWAYS, MAILBOXES, SIGNAGE, CURBING, SIDEWALKS, UTILITIES, JUNCTION BOXES, POLES, LIGHTING, HYDRANTS, VALVE BOXES, AND STRIPING.
7. THE CONTRACTOR SHALL OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY LOCAL, COUNTY OR STATE JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICATION, PAYMENT AND APPROVAL OF SAID PERMITS. NO ADDITIONAL PAYMENT SHALL BE MADE BY THE OWNER.
8. HOURS OF WORK SHALL BE BETWEEN 7:00AM AND 5:00PM EASTERN STANDARD TIME, UNLESS OTHERWISE PERMITTED BY THE CITY AND PPR.
9. THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE BEGINNING CONSTRUCTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF THE PROJECT SITE, CONTRACTOR PROPERTY, EQUIPMENT, AND WORK.
11. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING STREETS OF CONSTRUCTION DIRT AND DEBRIS AT CLOSE OF EACH WORK DAY.
12. THE CONDITION OF THE ADJACENT ROAD AND/OR RIGHT-OF-WAY, UPON COMPLETION OF THE JOB SHALL BE AS GOOD AS OR BETTER THAN PRIOR TO STARTING WORK.
13. PRIOR TO CONSTRUCTION, THE CONTRACTOR, ALONG WITH CONCURRENCE FROM OWNER, SHALL DETERMINE HIS/HER LAY-DOWN AND/OR STAGING AREA LOCATIONS.
14. THE CONTRACTOR SHALL NOTIFY ALL PROPERTY OWNERS A MINIMUM OF 24 HOURS PRIOR TO BLOCKING DRIVEWAYS OR ENTERING UTILITY EASEMENTS.
15. TRAFFIC INGRESS AND EGRESS FOR DRIVEWAYS AND PEDESTRIAN ACCESS FACILITIES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPLACED WITH LIKE-KIND OR BETTER AT THE CONTRACTOR'S EXPENSE. TREES, BUSHES, SHRUBBERY AND OTHER DAMAGED PLANTINGS TO REMAIN SHALL BE REPLACED WITHIN 72 HOURS OF REMOVAL AND ARE TO BE THOROUGHLY WATERED-IN.
17. PAVED SURFACES, PAVEMENT MARKERS AND MARKINGS SHALL BE PROTECTED FROM DAMAGE BY TRACKED EQUIPMENT.
18. PROPERTY MARKERS DISTURBED DURING CONSTRUCTION ARE TO BE REPLACED BY A REGISTERED PUBLIC LAND SURVEYOR FOR THE ORIGINAL PROPERTY OWNER AT NO SEPARATE PAY.
19. CONSTRUCTION STAKING WILL BE PROVIDED BY THE CONTRACTOR. TWO COPIES OF STAKING NOTES TO BE PROVIDED TO THE ENGINEER PRIOR TO CONSTRUCTION.
20. THE CONTRACTOR SHALL MAINTAIN UPDATED RED-LINED RECORD DRAWINGS ON SITE FOR INSPECTION BY THE ENGINEER.
21. MAINTENANCE AND CLEAN-UP OF THE PROJECT IS REQUIRED FOR THE PROJECT LIMITS AND DURATION, REGARDLESS OF THE CONTRACTOR'S SCOPE OF ACTIVITIES WITHIN THE PROJECT LIMITS.
22. THE REMOVAL OF ANY ABANDONED UTILITIES REQUIRED TO COMPLETE THE WORK SHALL BE INCIDENTAL AND NO SEPARATE PAYMENT SHALL BE MADE.
23. IT IS THE CONTRACTOR'S RESPONSIBILITY TO STOCKPILE NECESSARY MATERIAL ON-SITE OR AT A SECURED OFF-SITE LOCATION AT NO ADDITIONAL EXPENSE TO THE OWNER.
24. THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE "ON THE JOB" SAFETY FOR HIS EMPLOYEES, EMPLOYEES OF THE OWNER AND ALL OTHER PERSONS HAVING AUTHORIZED OR UNAUTHORIZED ACCESS TO THE WORK AND THE PUBLIC. CONTRACTOR SHALL PERFORM HIS WORK IN A SAFE MANNER AND IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
25. THE LOCATION, TYPE, SIZE, DEPTH, ETC. OF ALL EXISTING UTILITIES WITHIN PROJECT SITE AND ADJACENT RIGHT-OF-WAY ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND AT HIS OWN EXPENSE PRIOR TO THE START OF CONSTRUCTION. THE

CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OPERATING WITHIN THE CONSTRUCTION SITE 3 DAYS PRIOR TO COMMENCEMENT OF ANY EXCAVATION FOR ACCURATE FIELD LOCATIONS. FOR RIGHT-OF-WAY UTILITY MARKOUT, SHALL MAKE A PA ONE-CALL REQUEST. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ALL DEVIATIONS OF SITE CONDITIONS AND/OR IF DEPARTURES FROM THE APPROVED DESIGN BECOME NECESSARY DUE TO SUCH DEVIATIONS.

28. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS, EXERCISING PRECAUTION TO VERIFY ALL DIMENSIONS SHOWN ON DRAWING.
29. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER SHOULD DEPARTURES FROM THE APPROVED DESIGN BECOME NECESSARY DUE TO CIRCUMSTANCES WHICH ARISE DURING CONSTRUCTION.
30. ITEMS NOT SPECIFIED BUT NECESSARY FOR PROPER CONSTRUCTION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR THE SAME AS IF SPECIFIED.

DEMOLITION NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION AND SEQUENCING OF DEMOLITION AS DESCRIBED BY THESE DOCUMENTS AND SPECIFICATIONS. CONTRACTOR IS TO OBTAIN ALL PERMITS.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DEMOLITION OR RELOCATION WITH APPLICABLE UTILITY COMPANIES, IE, GAS, CABLE, POWER, TELEPHONE, WATER, SEWER, ELECTRIC, AND LIGHTING.
3. CONTRACTOR SHALL BE RESPONSIBLE TO IMMEDIATELY FIX ANY ACTIVE UTILITIES DAMAGED DURING CONSTRUCTION AT CONTRACTOR'S EXPENSE.
4. ALL MATERIAL GENERATED BY THE DEMOLITION WILL BE HAULED FROM THE SITE AND DISPOSED OF PER LOCAL ORDINANCES.
5. INSTALL PROTECTION FENCE AS NOTED ON PLAN DURING DEMOLITION AND CONSTRUCTION.
6. EXISTING UTILITY POLES, LIGHT POLES, HYDRANTS, ETC. THAT ARE NOT MARKED TO BE REMOVED SHALL BE PROTECTED IN PLACE.
7. SAW-CUT CONCRETE AND ASPHALT PAVEMENT, SIDEWALK OR CURB AND GUTTER BEFORE EXCAVATION WHERE CONSTRUCTION PLANS SHOW TIE-INS.
8. REPAIR OR REPLACE ANY ADJACENT CONCRETE CURBING AND/OR SIDEWALK DAMAGED AS PART OF DEMOLITION PROCESS.
9. ROOT ZONE OF TREES TO REMAIN SHALL BE PROTECTED AGAINST COMPACTION AND EXCAVATION. REPLACE ANY TREES OR SHRUBS MARKED TO REMAIN IF DAMAGED AS PART OF DEMOLITION OR CONSTRUCTION PROCESS.
10. THIS DEMOLITION PLAN COVERS SURFACE LEVEL EXISTING CONDITIONS, UTILITIES, AND OTHER SITE ELEMENTS ONLY.
11. PRIOR TO REMOVAL OF SITE FURNISHINGS, CONTRACTOR SHALL WALK THROUGH THE SITE WITH THE CLIENT AND IDENTIFY WHICH EXISTING SITE ELEMENTS ARE TO BE SALVAGED FOR RE-USE.

TRAFFIC CONTROL:

1. THE CONTRACTOR SHALL PROVIDE AND INSTALL TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE MOST RECENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE LANE OF TRAFFIC IN EACH DIRECTION DURING WORKING HOURS EXCEPT DURING FLAGGING OPERATION OR PROVIDE DETOURS AROUND THE CONSTRUCTION SITE AND PROVIDE PUBLIC NOTIFICATION.
3. DETOURS REQUIRE PRIOR APPROVAL OF THE PHILADELPHIA STREETS DEPARTMENT. DETOUR PLANS, IF ALLOWED, MUST INCLUDE APPROPRIATE DETOUR SIGNAGE, PUBLIC NOTICE VIA SIGNAGE TWO WEEKS IN ADVANCE STATING THE DATES OF THE AGREED UPON DATE OF CLOSURE AND DATE THE ROAD WILL RE-OPEN TO TRAFFIC. CONTRACTOR TO USE CONSTRUCTION METHODS TO MINIMIZE THE DURATION OF THE DETOUR AND TO ENSURE THAT THE ROADWAY IS OPEN ON, OR PRIOR TO, THE AGREED UPON DATE.
4. ONE DAY PRIOR TO THE IMPLEMENTATION OF A TRAFFIC CONTROL PLAN PHASE OR STEP, OR THE IMPLEMENTATION OF AN ADDITIONAL, REVISED, OR NEW TRAFFIC CONTROL ELEMENT, THE CONTRACTOR SHALL MEET WITH THE ENGINEER TO GIVE A DETAILED DESCRIPTION OF THE CONTRACTOR'S PLAN AND PREPARATIONS. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ENGINEER THAT ADEQUATE PROJECT PROGRESS HAS BEEN ACHIEVED AND THAT ADEQUATE PREPARATIONS ARE IN PLACE PRIOR TO SWITCHING TRAFFIC. IF, IN THE OPINION OF THE ENGINEER, REQUIRED PROGRESS AND ADEQUATE PREPARATIONS ARE NOT COMPLETE, THE CONTRACTOR SHALL NOT IMPLEMENT THE NEXT PHASE, STEP, OR ELEMENT OF TRAFFIC CONTROL UNTIL INCOMPLETE CONSTRUCTION ITEMS OR PREPARATIONS ARE COMPLETED. TIME EXTENSIONS WILL NOT BE GRANTED FOR DELAYS CAUSED BY THE INCOMPLETE CONSTRUCTION ITEMS OR INADEQUATE CONTRACTOR PREPARATIONS REQUIRED TO IMPLEMENT TRAFFIC CONTROL.
5. TRAFFIC CONTROL PER THE CONTRACT IS REQUIRED FOR THE ENTIRE DURATION OF THE PROJECT, INCLUDING THE PUNCHLIST PERIOD.
6. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CLIENT FOR REVIEW AND APPROVAL A MINIMUM OF 3 DAYS PRIOR TO THE START OF CONSTRUCTION.

SITE/CIVIL NOTES:

1. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS GOVERNING THE WORK.
2. DO NOT SCALE OFF DRAWINGS, USE DRAWING DIMENSIONS VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK. BRING TO THE ATTENTION OF ENGINEER ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND DRAWINGS PRIOR TO THE BEGINNING OF WORK. FIELD CONDITION DISCREPANCIES SHALL NOT BE USED AS THE BASIS FOR CHANGE ORDER CLAIMS ONCE WORK HAS BEGUN.
3. PRESERVE AND PROTECT ALL EXISTING STRUCTURES, FURNISHINGS, SURFACE MATERIALS, ABOVE AND BELOW GRADE UTILITIES, FOOTINGS AND VEGETATION INDICATED TO REMAIN WITHIN AND ADJACENT TO LIMIT OF WORK DURING ALL PHASES OF DEMOLITION AND CONSTRUCTION.
4. THE EXISTENCE AND LOCATION OF EACH UNDERGROUND UTILITY IS NOT GUARANTEED AND UNDOCUMENTED CONDITIONS MAY EXIST FOR LOCATIONS OF UTILITIES NOT SHOWN ON THE BASE DRAWING INCLUDING, BUT NOT LIMITED TO, HIGH VOLTAGE ELECTRIC, ABANDONED STEAM LINES, ABANDONED WATER LINES, TELEPHONE, CABLES, ETC. STAKE OUT LOCATION OF ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY UTILITY THAT IS DAMAGED DURING SITE WORK OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
5. MAINTAIN VEHICULAR TRAFFIC FLOW TO AND AROUND THE SITE. MAINTAIN CLEARLY MARKED PEDESTRIAN ACCESS TO AREAS ON-SITE NOT AFFECTED BY CONSTRUCTION ACTIVITIES.
6. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY STRUCTURES AS REQUIRED TO MEET PROPOSED GRADES, INCLUDING DRAIN INLETS, MANHOLES AND LIGHT POLE. CONTRACTOR SHALL MEET EXISTING GRADES AT ALL EDGES OF LIMIT OF WORK.
7. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY MEASURES TO PREVENT SOIL EROSION, APPROVED SOIL EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE INSTALLED BEFORE SITE CLEARING AND SITE GRADING OPERATIONS BEGIN.
8. MILLINGS, STONE, SOIL, CONSTRUCTION DEBRIS, AND ALL OTHER RELATED MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR FOR OFF-SITE DISPOSAL.
9. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH PROPER UTILITY COMPANY OR AGENCY FOR DISCONNECTING SERVICES, RELOCATING SERVICES, AND PROVIDING NEW SERVICES WITHIN THE PROJECT AREA.
10. WHERE CONSTRUCTION, INCLUDING UTILITY LINES, CROSSES OR IS ADJACENT TO EXISTING UTILITY LINES (FUEL, WATER, SEWER, TELECOMMUNICATION, GAS OR ELECTRIC), CONTRACTOR SHALL DIG TEST PITS AND CAREFULLY HAND EXCAVATE SO AS TO LOCATE, MARK, AND PROTECT THE UTILITY LINES AGAINST DISTURBANCE OR DAMAGE.
11. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN REGRADING OVER EXISTING/NEW UTILITIES INCLUDING, BUT NOT LIMITED TO STORM AND SANITARY SEWERS, WATER MAINS, GAS AND ELECTRIC LINES.
12. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO BUILDING OR EXTERIOR SITE WALLS THAT ARE TO REMAIN IN PLACE.
13. WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON DRAWINGS, IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHMENT OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
14. EXISTING ASPHALT OR CONCRETE PAVEMENT IN THE AREAS OF NEW PAVEMENT SHALL BE ENTIRELY REMOVED AND DISPOSED OF BY THE CONTRACTOR IN CONFORMANCE WITH PADEP AND PHILADELPHIA CODE. THE SURFACE SHALL BE PREPARED AND BROUGHT TO THE REQUIRED ELEVATION PRIOR TO CONSTRUCTING BASE AND TOP COURSE.
15. WHERE EXISTING CONCRETE PAVEMENT OR ASPHALT CONCRETE PAVEMENT ARE REMOVED, THE CONTRACTOR SHALL SAWCUT AND NEATLY TRIM EDGE OF REMAINING PAVEMENT BEFORE INSTALLING NEW CONSTRUCTION.

GRADING NOTES:

1. CONTRACTOR SHALL VERIFY ALL EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER. CONTRACTOR SHALL STAKE ALL ELEVATIONS TO BE APPROVED BY THE ENGINEER BEFORE CONSTRUCTION.
2. 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. CONTRACTOR SHALL ESTABLISH PERMANENT BENCHMARKS AND BOUNDS AND REPLACE ANY WHICH ARE DESTROYED OR DISTURBED.
3. THE WORDS "FINISHED GRADE" (F.G.) SHALL MEAN THE REQUIRED FINAL GRADE ELEVATIONS INDICATED ON THE DRAWINGS.
4. SPOT ELEVATIONS SHALL GOVERN OVER PROPOSED CONTOURS.
5. CROSS SLOPE OF PATHS NOT TO EXCEED 2.0%.
6. CONTRACTOR SHALL ENSURE CONSISTENT SLOPE BETWEEN SPOT ELEVATIONS.
7. AT RIDGE LINES, HIGH POINTS AND LOW POINTS, CONTRACTOR SHALL TRANSITION GRADE TO AVOID A POINT OR SHARP EDGE.
8. ALL WORK PERFORMED IN A PUBLIC RIGHT-OF-WAY SHALL MEET THE REQUIREMENTS OF THE CITY OF PHILADELPHIA. CONTRACTOR SHALL NOT PERFORM WORK OUTSIDE THE DESIGNATED SITE BOUNDARY. IF FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION SHALL BE OBTAINED BY CONTRACTOR FROM THE AFFECTED PROPERTY OWNERS.
9. FOR SLOPE CONSTRUCTION 3:1 AND STEEPER THE CONTRACTOR SHALL COORDINATE WITH A GEOTECHNICAL ENGINEER ON THE SUITABILITY OF SOILS PLANNED FOR THESE SLOPES AND FOLLOW RECOMMENDATIONS SET FORTH BY THE GEOTECHNICAL ENGINEER FOR SLOPE CONSTRUCTION. TOP SOIL PLACEMENT ON SLOPES SHALL BE INSTALLED IN A BENCHED PATTERN.
10. ALL SLIDES ON MOUNDS SHALL HAVE MOUNDS GRADES SUCH THAT TOP AND BOTTOM OF SLIDES MEET STANDARDS SHOWN ON MANUFACTURER SPECIFICATIONS.

ELECTRIC NOTES:

1. ELECTRIC LOCATIONS SHOWN ON PLAN ARE PRELIMINARY. CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH UTILITY COMPANY AND SHALL INFORM THE OWNER AND ENGINEER OF THE FINAL LOCATION PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO COORDINATE ELECTRIC INSTALLATION WITH APPROPRIATE UTILITY COMPANIES.
3. ALL ELECTRICAL WORK AND ASSOCIATED APPURTENANCES SHALL BE IN CONFORMANCE WITH APPLICABLE LOCAL COUNTY, STATE, AND FEDERAL GUIDELINES AND REQUIREMENTS.
4. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC) AND LOCAL CODES.
5. THE DRAWINGS ARE TO BE CONSIDERED SCHEMATIC ONLY AND DO NOT NECESSARILY SHOW THE EXACT LOCATIONS AND DETAILS OF THE WORK TO BE INSTALLED.
6. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING ALL FEES ASSOCIATED WITH THIS WORK INCLUDING FILING WITH THE UTILITY COMPANY (AS REQUIRED) AND WITH LOCAL AUTHORITY HAVING JURISDICTION.
7. CONTRACTOR SHALL FURNISH ALL EQUIPMENT, MATERIALS, AND HARDWARE REQUIRED TO FURNISH A COMPLETE AND OPERATIONAL ELECTRICAL INSTALLATION.
8. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, PAINTING, AND FINAL RESTORATION REQUIRED TO FACILITATE DEMOLITION AND INSTALLATION OF ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO PANEL BOARDS, CONDUITS, WIRING, DEVICES, FIXTURES, ETC.
9. WHERE POWER CONNECTIONS ARE SHOWN TO DISCONNECT SWITCHES, JUNCTION BOXES, ETC., CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL FINAL CONNECTIONS.
10. CONTRACTOR SHALL VERIFY ALL EQUIPMENT VOLTAGE, PHASE AND POWER REQUIREMENTS PRIOR TO CONNECTION OF THE EQUIPMENT. WHERE DISCREPANCIES OCCUR BETWEEN THESE DOCUMENTS AND EXISTING CONDITIONS, THE DISCREPANCY SHALL BE REPORTED TO THE OWNER AND/OR ENGINEER.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	



PENNSYLVANIA ONE CALL SYSTEM, INC.
425 South 4th Road
West Grove, Pennsylvania
19382 - 1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTLY
PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIG. HOLE, DRILL, BLAST OR DRAINAGE

PROJECT COORDINATOR **PRIYANKA MALIK**



SPACE FOR CONSULTANT RECOGNITION
LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013
CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106
SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901
ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118
COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

**CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE**
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

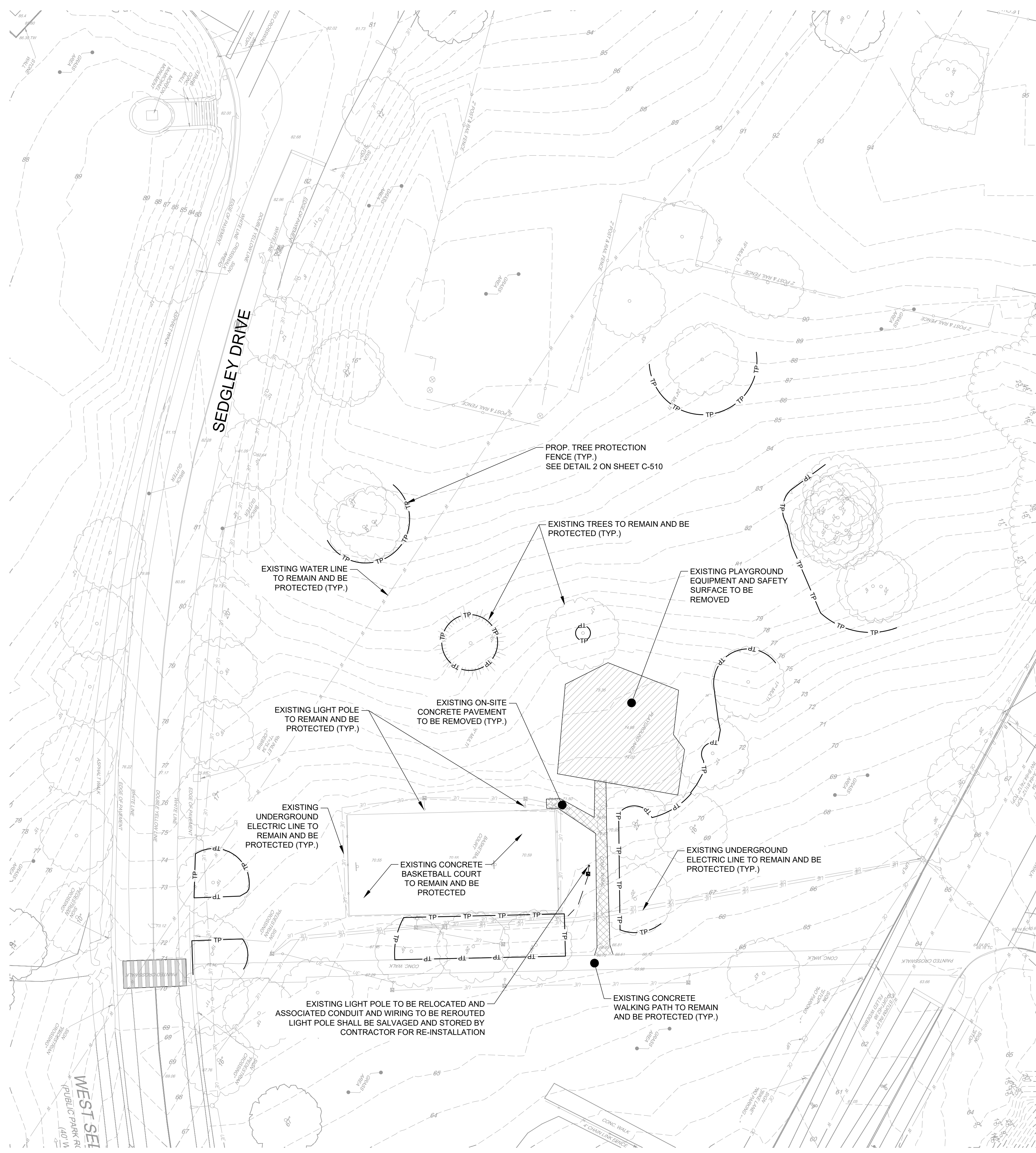
GENERAL NOTES

PROJECT NO. 16-25-7259-01	DRAWING NO. C-010
DATE 3/4/2026	
SCALE AS SHOWN	
DRAWN BY KL	
CHECKED BY CW	

THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

PHILADELPHIA WATER TRACKING NO.:
FY26-LEMO-8279-01

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- XX — EXISTING CONTOUR
 - + XX.X EXISTING SPOT ELEVATION
 - ▤ EXISTING BRICK GUTTER
 - W — EXISTING WATER LINE
 - UE — EXISTING UNDERGROUND ELECTRIC LINE
 - OE — EXISTING OVERHEAD ELECTRIC LINE
 - UG — EXISTING GAS LINE
 - EXISTING TREE & TREE PROTECTION ZONE
 - EXISTING UTILITY POLE
 - EXISTING SIGN
 - EXISTING ELECTRICAL JUNCTION BOX
 - EXISTING LIGHT POLE
 - ▨ PAVEMENT REMOVAL
 - ▧ PLAYGROUND REMOVAL
 - TP — TREE PROTECTION FENCE

REFERENCES:

1. A MAP ENTITLED "EXISTING CONDITIONS SURVEY", PREPARED BY SAS GEOSPATIAL, LLC DATED 08/30/2024, OR LAST REVISED.

GENERAL NOTES:

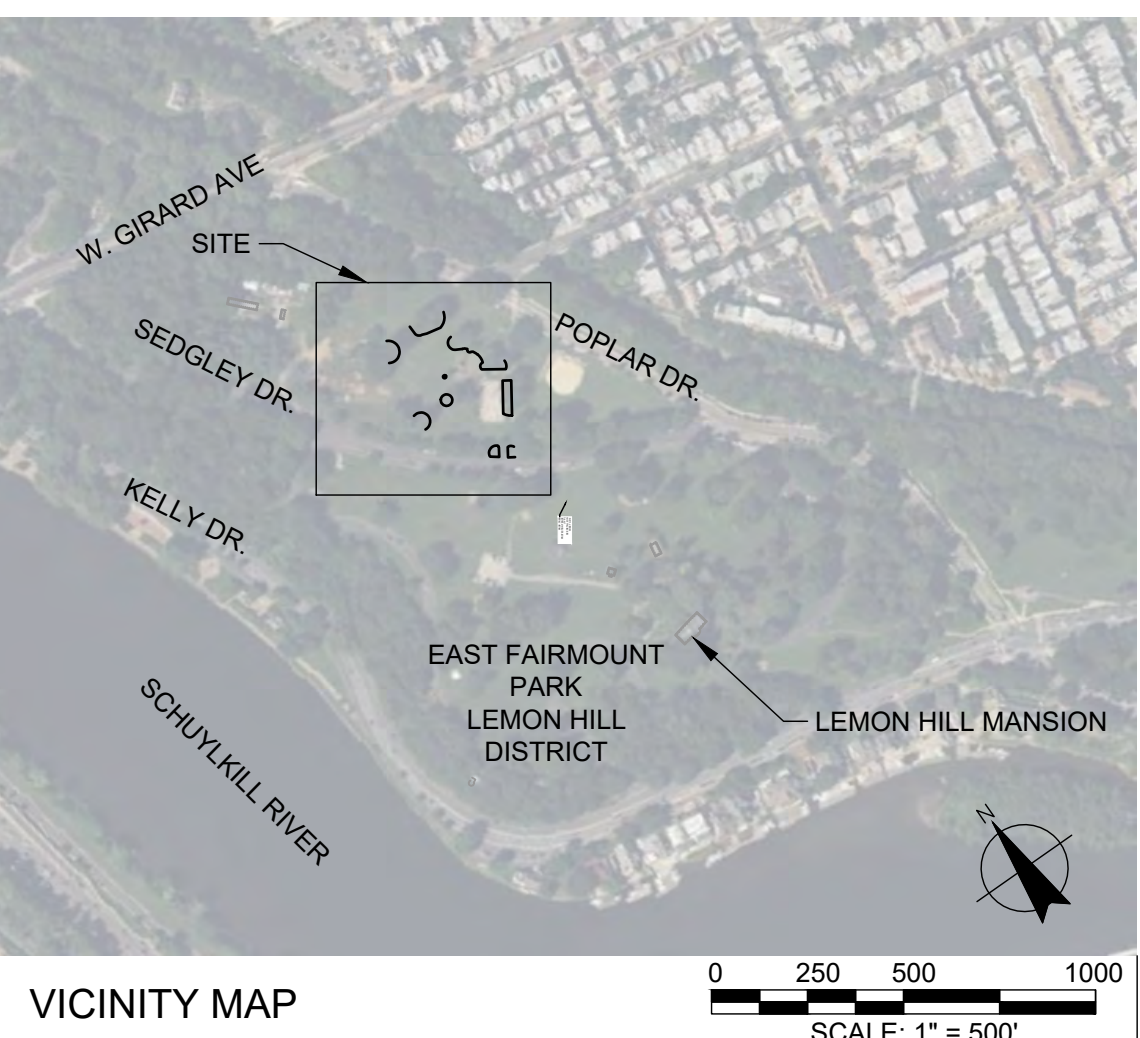
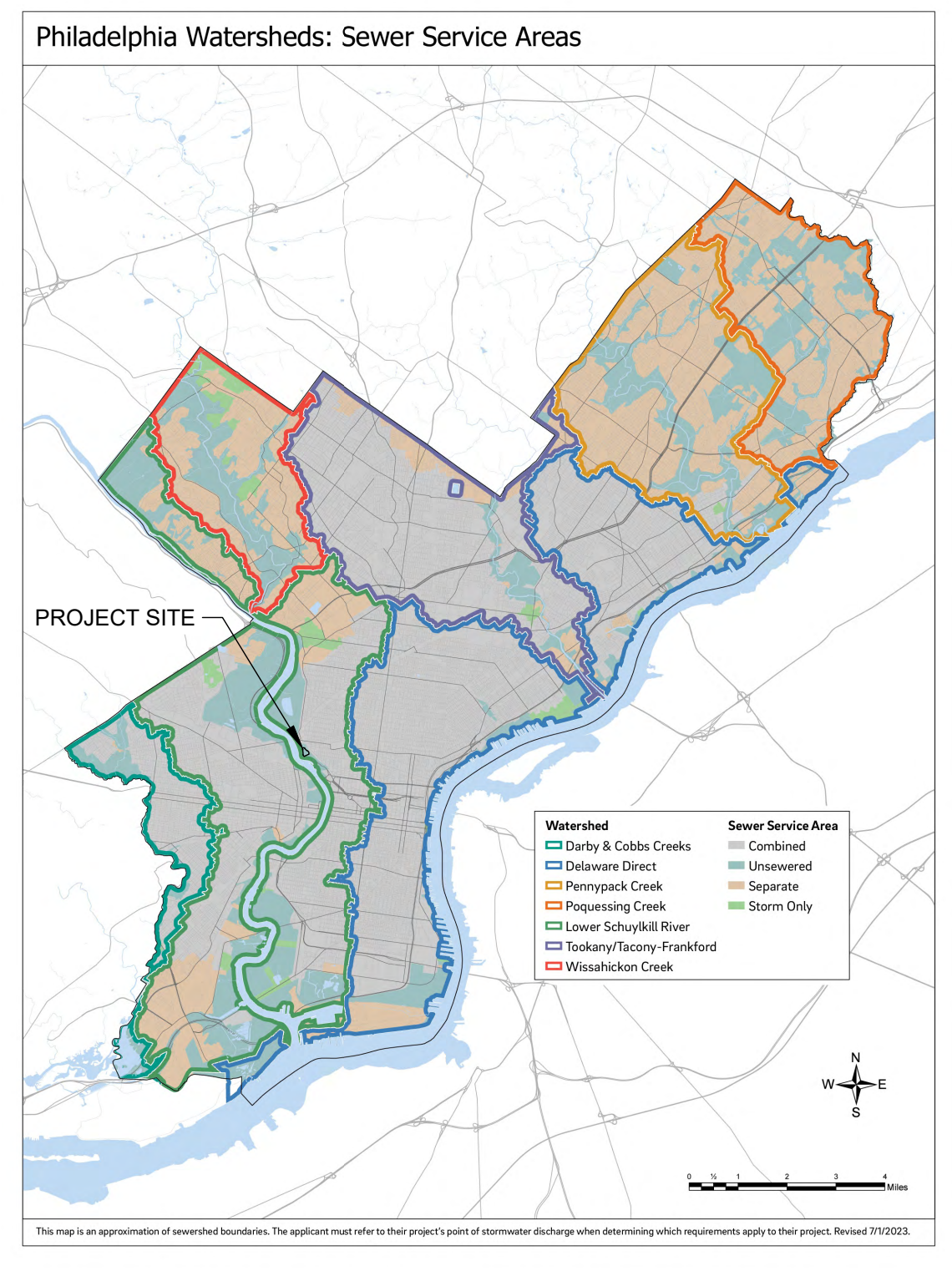
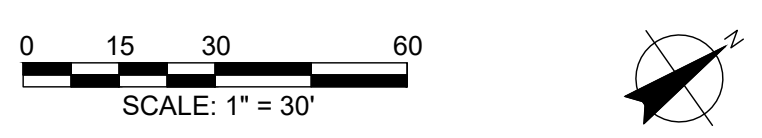
1. **OWNER:**
CITY OF PHILADELPHIA
DEPARTMENT OF PARKS & RECREATION
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA, PA 19102
215-683-3600

SURVEY NOTES:

1. A FIELD SURVEY OF THE SITE WAS PERFORMED IN AUGUST 2024. (SEE REFERENCE #1)
2. VERTICAL INFORMATION AS SHOWN HEREON IS BASED ON CITY OF PHILADELPHIA DATUM BENCHMARK ELEVATION= 20.56.
3. HORIZONTAL INFORMATION IS BASED ON PENNSYLVANIA STATE PLANE COORDINATE SYSTEM SOUTH (NAD83).
4. THIS PLAN WAS PREPARED IN ACCORDANCE WITH INSTRUCTIONS FROM THE CLIENT.
5. THIS PLAN WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.
6. REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM AND ASSIGNED SERIAL NUMBER 20241591982 IN ACCORDANCE WITH PA ACT OF 1974 AS AMENDED BY ACT 121 OF 2008. (800-242-1776).
7. UTILITY LINES SHOWN HEREON ARE A COMPOSITE OF INFORMATION OBTAIN FROM THE PA ONE CALL SYSTEM, PHILADELPHIA DEPARTMENT OF PARKS & RECREATION, AND AN ON-SITE SUBSURFACE INVESTIGATION. THIS PLAN DOES NOT CERTIFY TO THE LOCATION, BOTH HORIZONTAL AND VERTICAL OF ANY UNDERGROUND FEATURE OR STRUCTURE WHICH HAS NOT BEEN EXPOSED FOR DIRECT MEASUREMENT. LOCATIONS OF SUBSURFACE CONDITIONS SUCH AS UTILITIES, TANKS, DISPOSAL SYSTEMS, ETC ARE NOT REPRESENTED HEREON.
8. EXCEPT AS SPECIFICALLY STATED OR SHOWN ON THIS PLAN, THIS SURVEY DOES NOT PURPORT TO REFLECT ANY OF THE FOLLOWING WHICH MAY BE APPLICABLE TO THE SUBJECT REAL ESTATE: EASEMENTS, OTHER THAN POSSIBLE EASEMENTS THAT WERE VISIBLE AT THE TIME OF MAKING OF THIS SURVEY; BUILDING SETBACK LINES; RESTRICTIVE COVENANTS; SUBDIVISION RESTRICTIONS; ZONING OR OTHER LAND USE REGULATIONS; AND ANY OTHER FACTS THAT AN ACCURATE TITLE SEARCH MAY DISCLOSE.
9. SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OR RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE TITLE SEARCH MAY DISCLOSE.
10. THE WORD "CERTIFY" AS USED IN ITS VARIOUS FORMS HEREON, IS UNDERSTOOD TO BE AN EXPRESSION OF PROFESSIONAL OPINION BY THE SURVEYOR, WHICH IS BASED ON HIS BEST KNOWLEDGE, INFORMATION AND BELIEF. AS SUCH, IT CONSTITUTES NEITHER A GUARANTEE OR WARRANTY, EITHER EXPRESSED OR IMPLIED.

FLOOD ZONE INFORMATION:

BY GRAPHIC PLOTTING ONLY, SUBJECT PARCEL AREA IS LOCATED IN ZONE X, ZONE X SHADED, AND ZONE AE OF THE FLOOD INSURANCE RATE MAP, PANEL NO. 177 & 181 OF 230, COMMUNITY MAP NO. 4207570181G & 4207570177G WHICH BEARS AN EFFECTIVE DATE OF JANUARY 17, 2007. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.



THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	



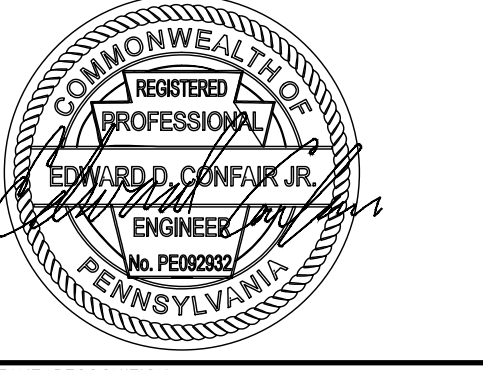
PENNSYLVANIA ONE CALL SYSTEM, INC. 0241591982
145 Hudson Street, Floor 3, New York, NY 10013



BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776. NON-MEMBERS MUST BE CONTACTED DIRECTLY. PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIG. DRILL, BLAST OR DYNAMITE.

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013
CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106
SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doyletstown, PA 18901
ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118
COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

**CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE**

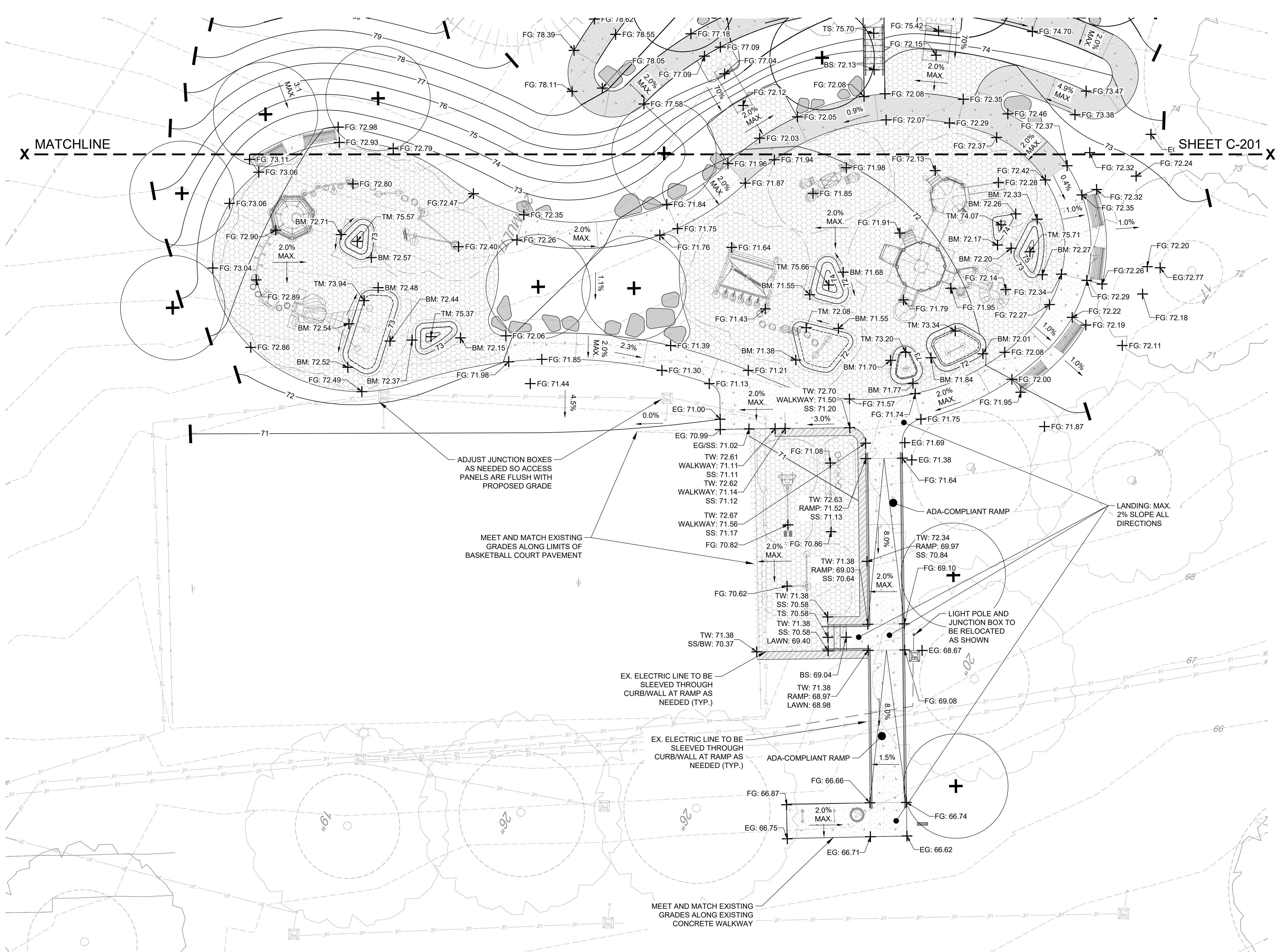
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

**EXISTING CONDITIONS &
DEMOLITION PLAN**

PROJECT NO. 16-25-7259-01	DRAWING NO. C-100
DATE 3/4/2026	
SCALE 1"=30'	
DRAWN BY KL	
CHECKED BY CW	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE TIME BEFORE PROCEEDING WITH THE WORK.



LEGEND

XX	EXISTING CONTOUR
W	EXISTING WATER LINE
UE	EXISTING UNDERGROUND ELECTRIC LINE
OE	EXISTING OVERHEAD ELECTRIC LINE
GL	EXISTING GAS LINE
(Symbol)	EXISTING TREE & TREE PROTECTION ZONE
(Symbol)	EXISTING UTILITY POLE
(Symbol)	EXISTING ELECTRICAL JUNCTION BOX
(Symbol)	EXISTING LIGHT POLE
(Symbol)	C.I.P. CONCRETE PAVING
(Symbol)	RUBBER SAFETY SURFACE
(Symbol)	C.I.P. CONCRETE STAIRS
(Symbol)	POROUS C.I.P. CONCRETE
(Symbol)	COLORFUL POROUS C.I.P. CONCRETE
(Symbol)	WALL
(Symbol)	PPR STANDARD SIGNAGE
(Symbol)	PROP. TRASH RECEPTACLE
(Symbol)	PROP. PICNIC TABLE
(Symbol)	PROP. BENCH
(Symbol)	PROP. BOULDERS
(Symbol)	PROP. BIKE RACK
+TW: XX.XX	PROP. TOP OF WALL ELEVATION
+BW: XX.XX	PROP. BOTTOM OF WALL ELEVATION
+TC: XX.XX	PROP. TOP OF CURB ELEVATION
+BC: XX.XX	PROP. BOTTOM OF CURB ELEVATION
+TS: XX.XX	PROP. TOP OF STAIR ELEVATION
+BS: XX.XX	PROP. BOTTOM OF STAIR ELEVATION
+FG: XX.XX	PROPOSED FINISHED GRADE ELEVATION
+EG: XX.XX	EXISTING GRADE ELEVATION
+SS: XX.XX	SAFETY SURFACE ELEVATION
+BM: XX.XX	BOTTOM OF MOUND ELEVATION
+TM: XX.XX	TOP OF MOUND ELEVATION
+FC: XX.XX	FLUSH CURB ELEVATION

- ADA COMPLIANCE NOTES:**
- THE INTENT OF THE PROPOSED GRADING IS TO PROVIDE ACCESSIBLE ROUTES ACROSS PATHS AND PLAY SURFACES PER REQUIREMENTS OF "THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN".
 - CONTRACTOR TO VERIFY:
 - CROSS SLOPES ON ACCESSIBLE ROUTES DO NOT EXCEED 2%.
 - RUNNING SLOPES ON ACCESSIBLE ROUTES DO NOT EXCEED 5%.
 - SURFACE SLOPES IN AREAS REQUIRING TURNING MANEUVERS DO NOT EXCEED 2% IN ANY DIRECTION.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	

PENNSYLVANIA ONE CALL SYSTEM, INC.
 425 South Pine Road
 West Grove, Pennsylvania
 19382 - 1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-482-1776. NON-MEMBERS MUST BE CONTACTED DIRECTLY. PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIG. DRILL, BLAST OR DYNAMITE.

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS

SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletstown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

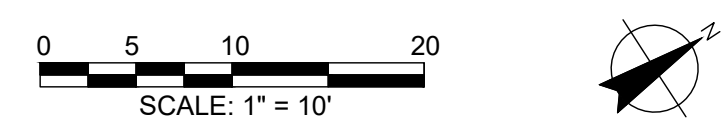
PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

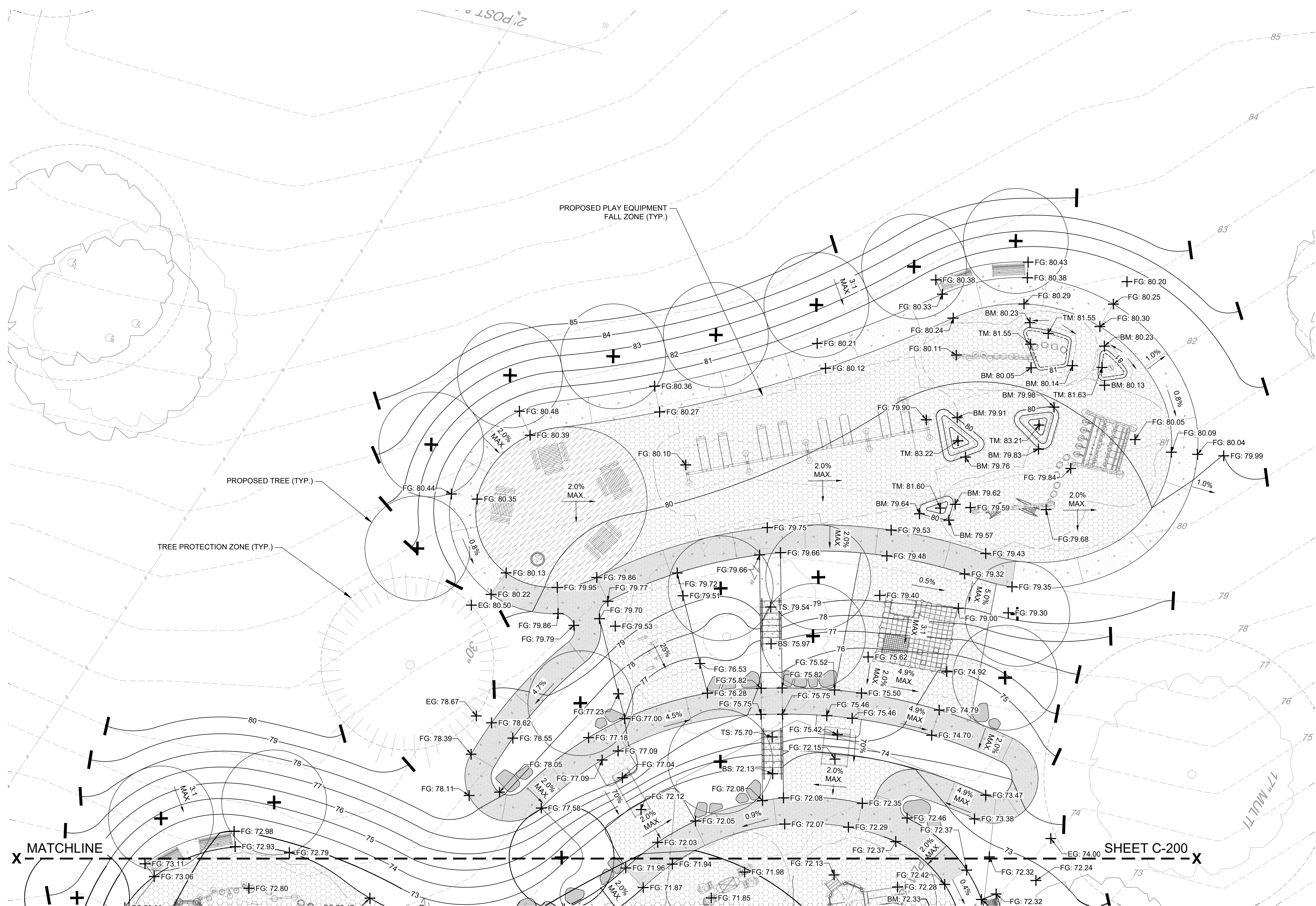
DRAWING TITLE
GRADING PLAN

PROJECT NO. 16-25-7259-01	DRAWING NO. C-200
DATE 3/4/2026	
SCALE 1" = 10'	
DRAWN BY KL	
CHECKED BY CW	

THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01





LEGEND

XX	EXISTING CONTOUR
W	EXISTING WATER LINE
UE	EXISTING UNDERGROUND ELECTRIC LINE
OE	EXISTING OVERHEAD ELECTRIC LINE
GE	EXISTING GAS LINE
(Symbol)	EXISTING TREE & TREE PROTECTION ZONE
(Symbol)	EXISTING UTILITY POLE
(Symbol)	EXISTING ELECTRICAL JUNCTION BOX
(Symbol)	EXISTING LIGHT POLE
(Symbol)	C.I.P. CONCRETE PAVING
(Symbol)	RUBBER SAFETY SURFACE
(Symbol)	C.I.P. CONCRETE STAIRS
(Symbol)	POROUS C.I.P. CONCRETE
(Symbol)	COLORED POROUS C.I.P. CONCRETE
(Symbol)	WALL
(Symbol)	PPR STANDARD SIGNAGE
(Symbol)	PROP. TRASH RECEPTACLE
(Symbol)	PROP. PICNIC TABLE
(Symbol)	PROP. BENCH
(Symbol)	PROP. BOULDERS
(Symbol)	PROP. BIKE RACK
+TW: XX.XX	PROP. TOP OF WALL ELEVATION
+BW: XX.XX	PROP. BOTTOM OF WALL ELEVATION
+TC: XX.XX	PROP. TOP OF CURB ELEVATION
+BC: XX.XX	PROP. BOTTOM OF CURB ELEVATION
+TS: XX.XX	PROP. TOP OF STAIR ELEVATION
+BS: XX.XX	PROP. BOTTOM OF STAIR ELEVATION
+FG: XX.XX	PROPOSED FINISHED GRADE ELEVATION
+EG: XX.XX	EXISTING GRADE ELEVATION
+SS: XX.XX	SAFETY SURFACE ELEVATION
+BM: XX.XX	BOTTOM OF MOUND ELEVATION
+TM: XX.XX	TOP OF MOUND ELEVATION
+FC: XX.XX	FLUSH CURB ELEVATION

- ADA COMPLIANCE NOTES:**
- THE INTENT OF THE PROPOSED GRADING IS TO PROVIDE ACCESSIBLE ROUTES ACROSS PATHS AND PLAY SURFACES PER REQUIREMENTS OF "THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN".
 - CONTRACTOR TO VERIFY:
 - CROSS SLOPES ON ACCESSIBLE ROUTES DO NOT EXCEED 2%.
 - RUNNING SLOPES ON ACCESSIBLE ROUTES DO NOT EXCEED 5%.
 - SURFACE SLOPES IN AREAS REQUIRING TURNING MANEUVERS DO NOT EXCEED 2% IN ANY DIRECTION.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	

PENNSYLVANIA ONE CALL SYSTEM, INC.
 425 South 4th Street
 Third Floor, Philadelphia
 19122 - 1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-482-1776. NON-MEMBERS MUST BE CONTACTED DIRECTLY. PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIG. DRILL, BLAST OR DREDGE!

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS

SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

**CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE**

ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

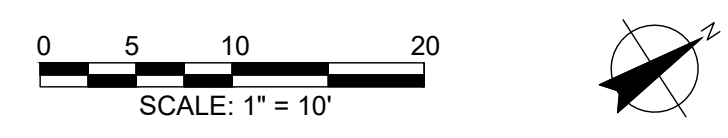
PROJECT TITLE:
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

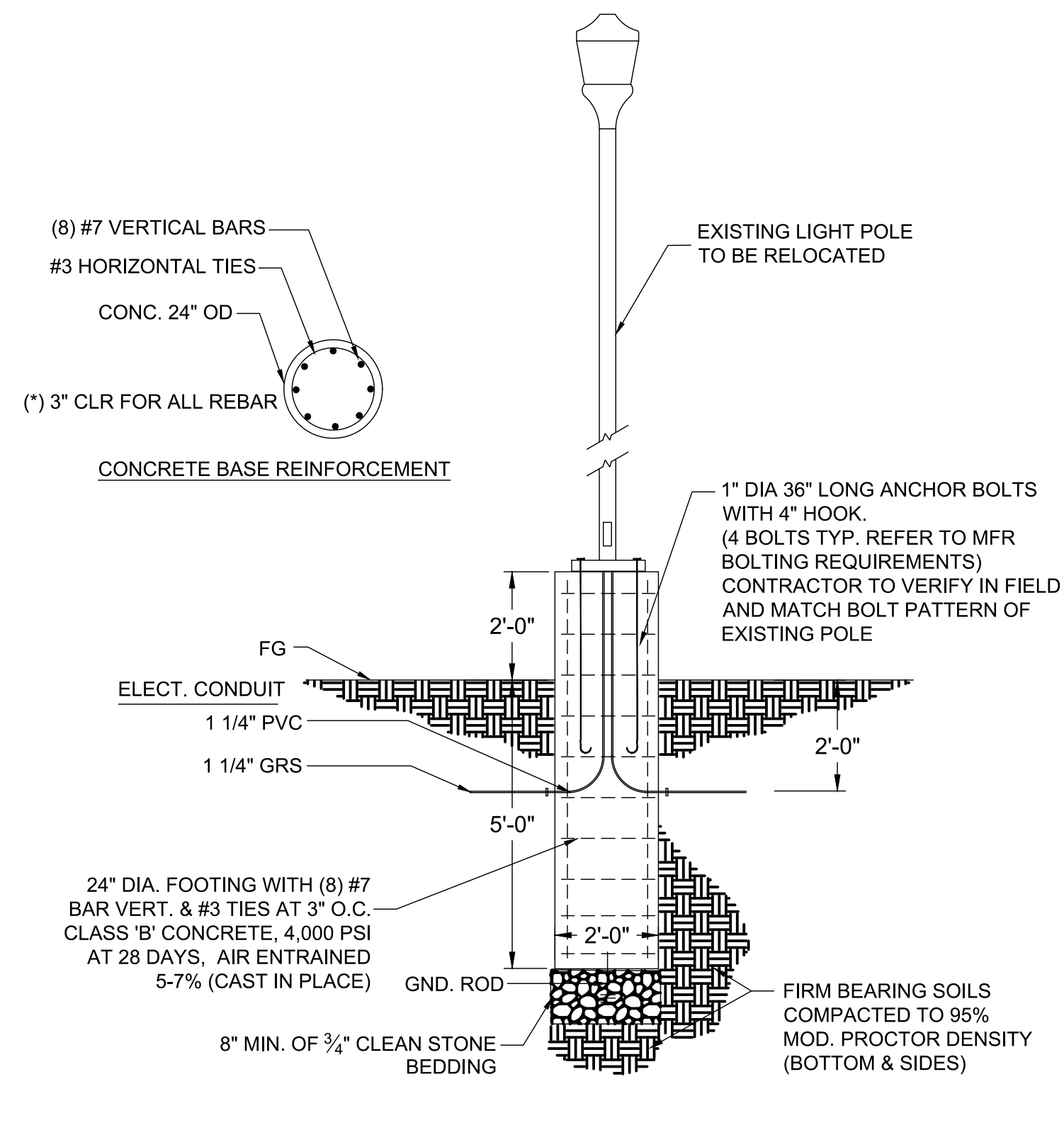
DRAWING TITLE:
GRADING PLAN

PROJECT NO. 16-25-7259-01	DRAWING NO. C-201
DATE 3/4/2026	
SCALE 1" = 10'	
DRAWN BY KL	
CHECKED BY CW	

THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

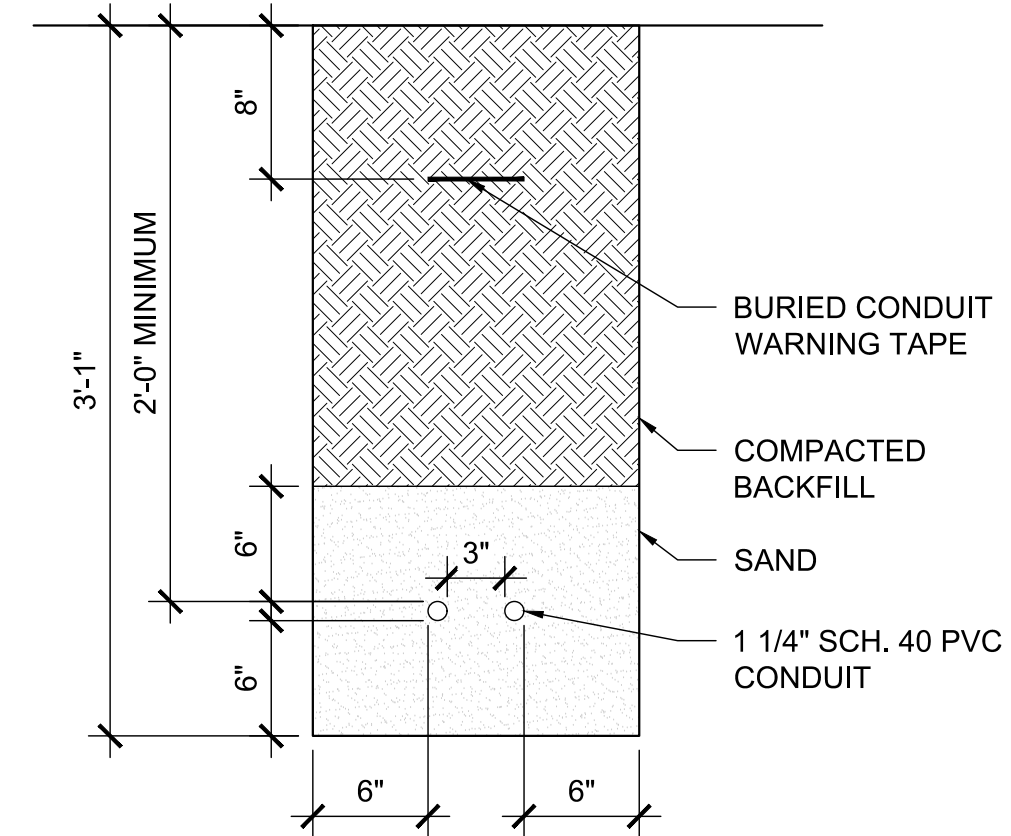
PHILADELPHIA WATER TRACKING NO.:
 FY26-LEMO-8279-01





1 LIGHT POLE FOUNDATION DETAIL

NTS

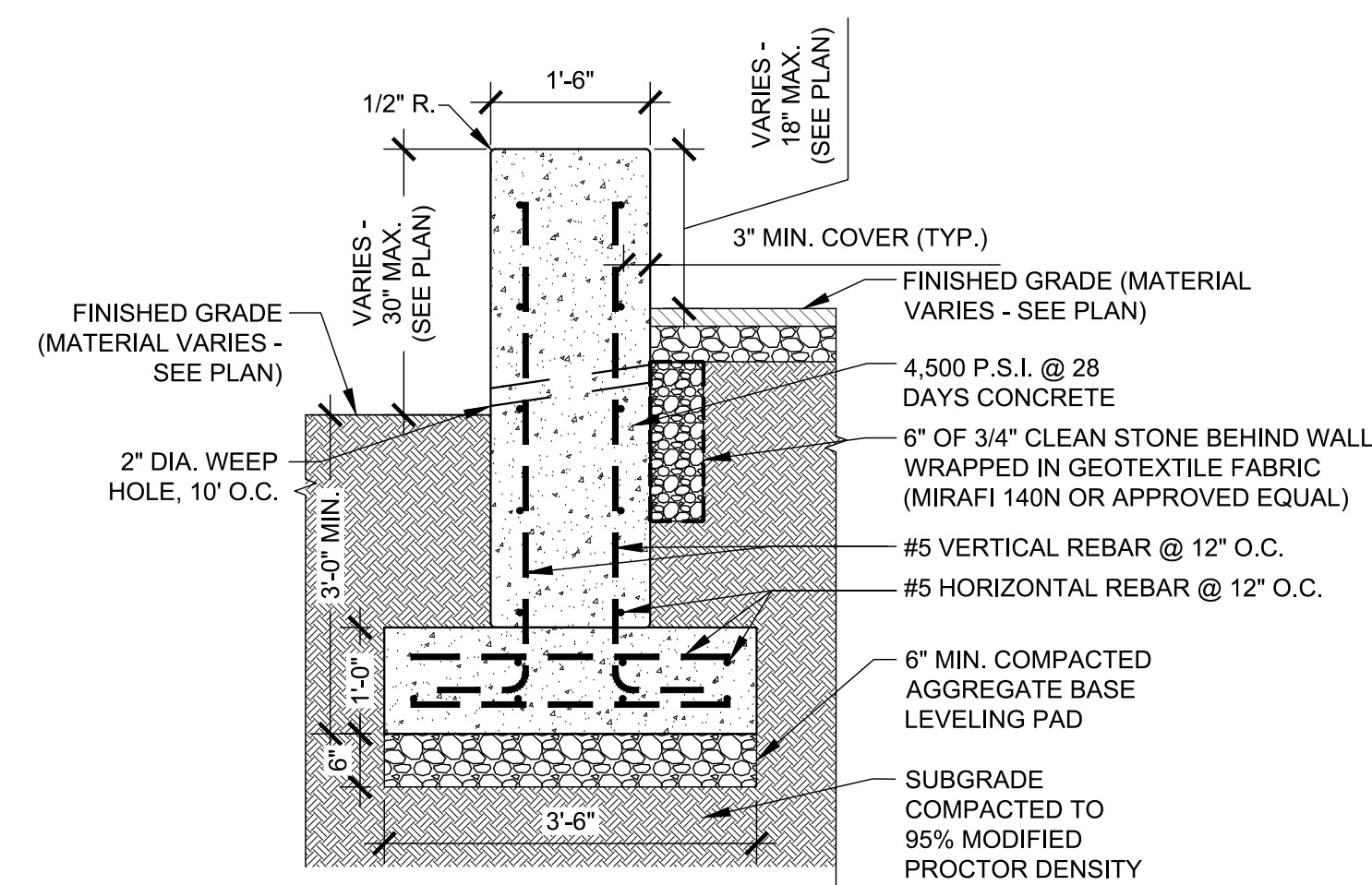


NOTES:

- TRENCH WIDTH SHALL BE A MINIMUM OF 6" EACH SIDE PLUS THE OUTSIDE DIAMETER OF THE CONDUIT. TRENCH WIDTH SHALL NOT EXCEED THAT REQUIRED FOR PROPER INSTALLATION BACKFILL AND COMPACTION OPERATIONS.
- SUITABLE BACKFILL MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- WHERE TRENCH PASSES THROUGH EXISTING PAVEMENT, THE PAVEMENT SHALL BE SAWCUT. PATCHING SHALL CONSIST OF TACKING EDGES OF EXISTING PAVEMENT AFTER BEING CUT BACK TO 12" PAST EXCAVATION EDGE.

2 CONDUIT TRENCH DETAIL

NTS



NOTES:

- TRANSVERSE JOINTS 1/2" WIDE SHALL BE INSTALLED IN THE WALL 20'-0" APART AND SHALL BE FILLED WITH PRE-FORMED BITUMINOUS IMPREGNATED FIBER JOINT FILLER, COMPLYING WITH THE REQUIREMENTS OF A.A.S.H.O. SPEC. M-213, RECESSED IN FROM FRONT FACE AND TOP OF WALL.
- PROVIDE 1" CHAMFER ON VERTICAL EDGES.
- PROVIDE SHOP DRAWINGS FOR REVIEW.

3 RETAINING WALL

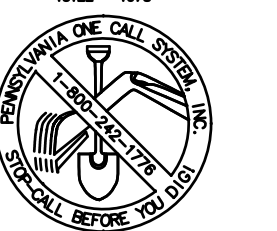
NTS

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	

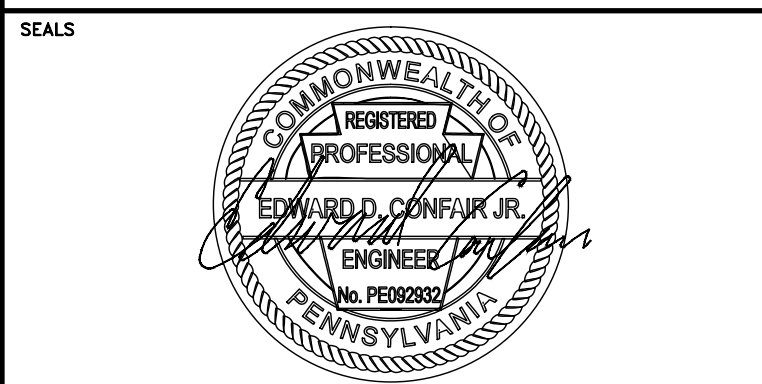


PENNSYLVANIA ONE CALL SYSTEM, INC.
425 South 4th Street
West Chester, Pennsylvania
19382 - 1078



BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTLY
PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH

PROJECT COORDINATOR PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013
CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106
SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doyletown, PA 18901
ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118
COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

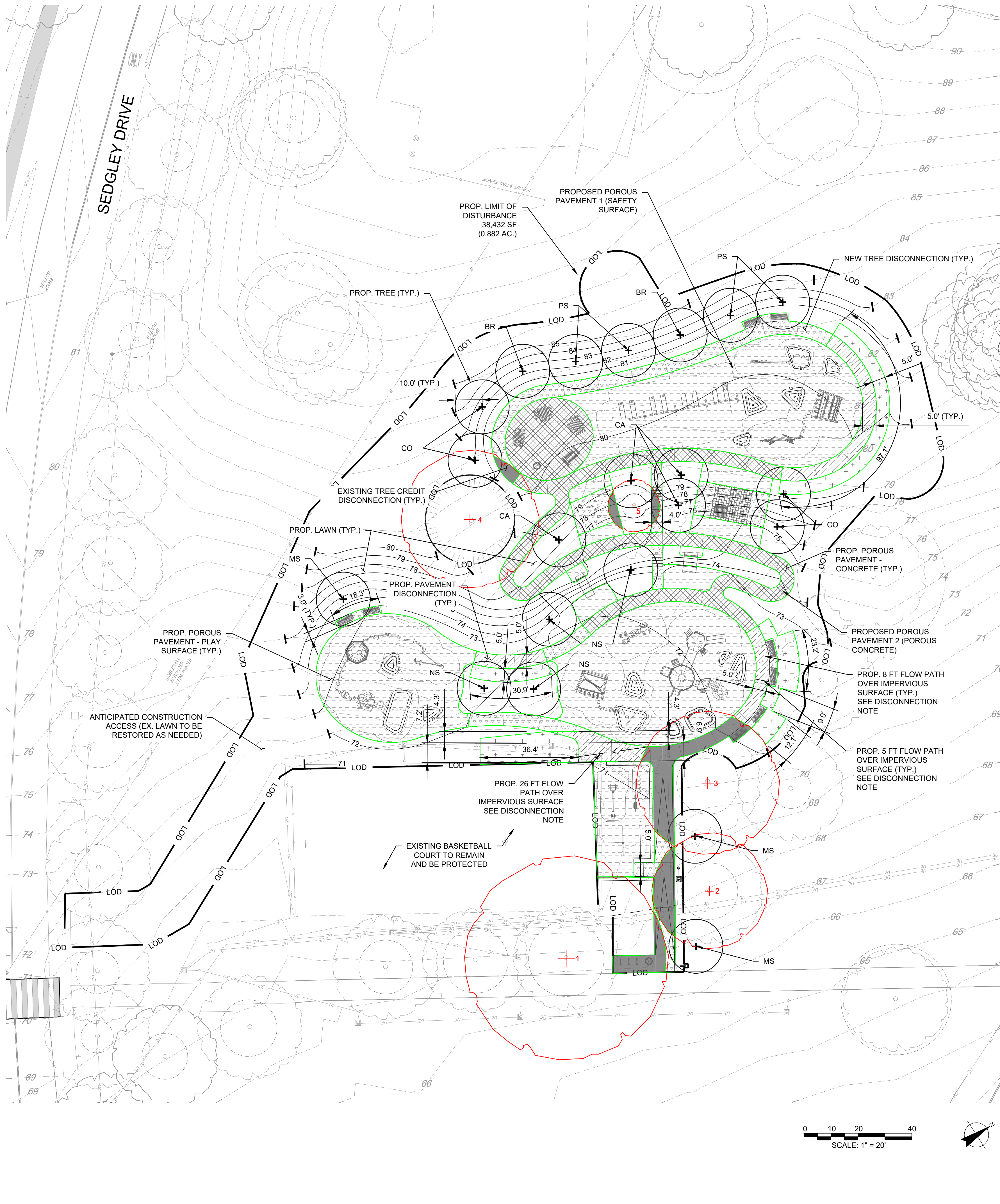
DRAWING TITLE
SITE DETAILS

PROJECT NO. 16-25-7259-01	DRAWING NO. C-210
DATE 3/4/2026	
SCALE AS SHOWN	
DRAWN BY KL	
CHECKED BY CW	

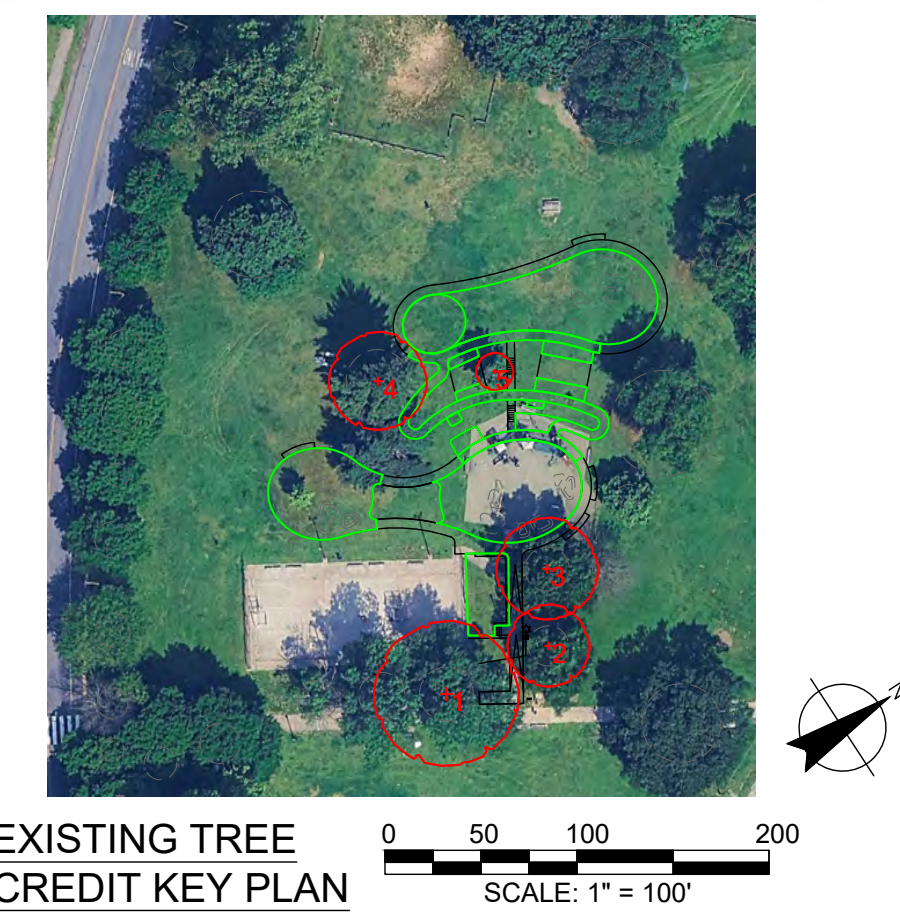
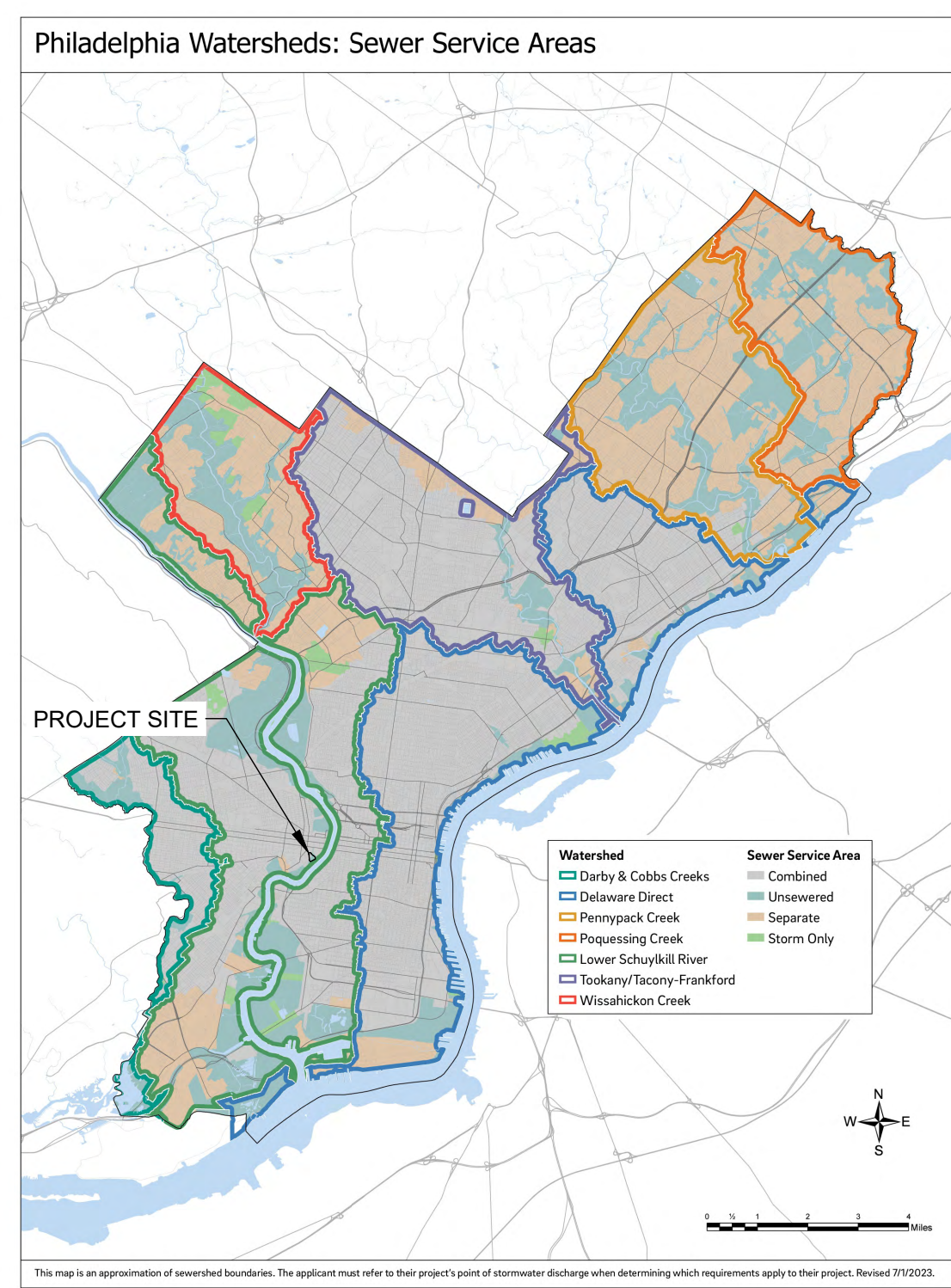
PHILADELPHIA WATER TRACKING NO.:
FY26-LEMO-8279-01

THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- XX — EXISTING CONTOUR
 - W — EXISTING WATER LINE
 - UE — EXISTING UNDERGROUND ELECTRIC LINE
 - OE — EXISTING OVERHEAD ELECTRIC LINE
 - UG — EXISTING GAS LINE
 - EXISTING TREE & TREE PROTECTION ZONE
 - EXISTING UTILITY POLE
 - EXISTING SIGN
 - EXISTING ELECTRICAL JUNCTION BOX
 - EXISTING LIGHT POLE
 - LOD — LIMIT OF DISTURBANCE
 - DIRECTLY CONNECTED IMPERVIOUS
 - DISCONNECTED IMPERVIOUS COVER - PAVEMENT DISCONNECTION
 - VEGETATIVE STRIP FOR PAVEMENT DISCONNECTION
 - DISCONNECTED IMPERVIOUS COVER - EXISTING TREE CREDIT DISCONNECTION
 - DISCONNECTED IMPERVIOUS COVER - NEW TREE CREDIT DISCONNECTION
 - DISCONNECTED IMPERVIOUS COVER - POROUS PAVEMENT (PLAY SURFACE)
 - DISCONNECTED IMPERVIOUS COVER - POROUS PAVEMENT (CONCRETE)
 - LAWN
 - EXISTING TREE TO BE USED FOR EXISTING TREE CREDIT DISCONNECTION
 - PROP. TREE TO BE USED FOR NEW TREE CREDIT DISCONNECTION



NEW TREE CREDIT TABLE

KEY	SIZE	QUANTITY	SPECIES
PS	4" CAL.	4	PINUS STROBUS (WHITE PINE)
BR	4" CAL.	2	BETULA NIGRA (RIVER BIRCH)
CO	4" CAL.	4	CETIS OCCIDENTALIS (HACKBERRY)
NS	4" CAL.	4	NYSSA SYLVATICA (BLACKGUM)
MS	4" CAL.	3	MAGNOLIA VIRGINIANA (SWEETBAY MAGNOLIA)
CA	4" CAL.	4	CARPINUS CAROLINIANA (AMERICAN HORNBEAM)

EXISTING TREE CREDIT TABLE

TREE NUMBER	CALIPER	SPECIES
1	26	QUERCUS RUBRA (NORTHERN RED OAK)
2	20	QUERCUS ACUTISSIMA (SAWTOOTH OAK)
3	22	QUERCUS ACUTISSIMA (SAWTOOTH OAK)
4	17	PINUS STROBUS (EASTERN WHITE PINE)
5	7	ACER SACCHARUM (SUGAR MAPLE)

IMPERVIOUS COVER CALCULATIONS

	AREA [SF]	AREA [AC]
EXISTING	4,478	0.103
PROPOSED	17,064	0.392

DISCONNECTED IMPERVIOUS COVER (DIC)

	AREA [SF]	AREA [AC]
EXISTING TREE CREDIT	904	0.021
NEW TREE CREDIT	1,948	0.045
PAVEMENT DISCONNECTION	1,007	0.023
POROUS PAVEMENT - PLAY SURFACE	10,609	0.244
POROUS PAVEMENT - CONCRETE	2,596	0.060
TOTAL PROP. DIC	17,064	0.392

WATER QUALITY CALCULATIONS

	AREA [SF]	AREA [AC]
TOTAL PROP. IMPERVIOUS	17,064	0.392
TOTAL PROP. DIC	17,064	0.392
DCIA TO BE MANAGED	0	0

- REFERENCES:**
- A MAP ENTITLED "EXISTING CONDITIONS SURVEY", PREPARED BY SAS GEOSPATIAL, LLC DATED 08/30/2024, OR LAST REVISED.
- DISCONNECTION NOTE:**
- AREAS OF POROUS PAVEMENT ARE PROPOSED AT A MAXIMUM SLOPE OF 5% IN ALL DIRECTIONS.
- GENERAL NOTES:**
- OWNER:** CITY OF PHILADELPHIA DEPARTMENT OF PARKS & RECREATION 1515 ARCH STREET, 10TH FLOOR PHILADELPHIA, PA 19102 215-683-3600
 - ENGINEER:** EDWARD CONFAIR, PE, PLA AKRF, INC. 530 WALNUT ST. SUITE 998 PHILADELPHIA, PA 19106

PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	

PENNSYLVANIA ONE CALL SYSTEM, INC.
 625 South 4th Street
 West City, Pennsylvania
 19122 - 1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-482-1776 NON-MEMBERS MUST BE CONTACTED DIRECTLY. PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIG, DRILL, BLAST OR DEMOLISH.

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS

SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
PCSM PLAN

PROJECT NO.
 16-25-7259-01

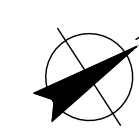
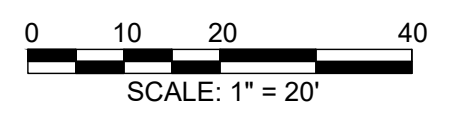
DATE
 3/4/2026

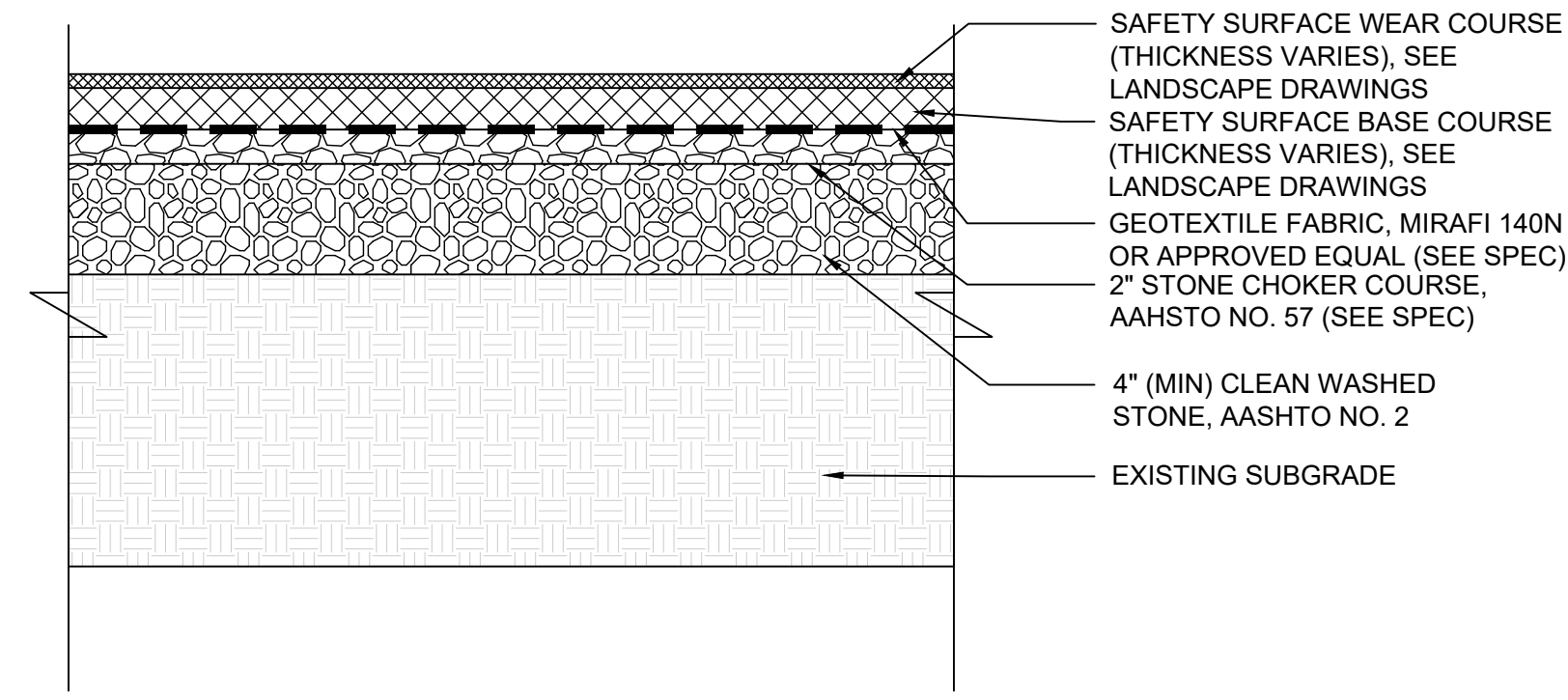
SCALE
 1" = 20'

DRAWN BY
 KL

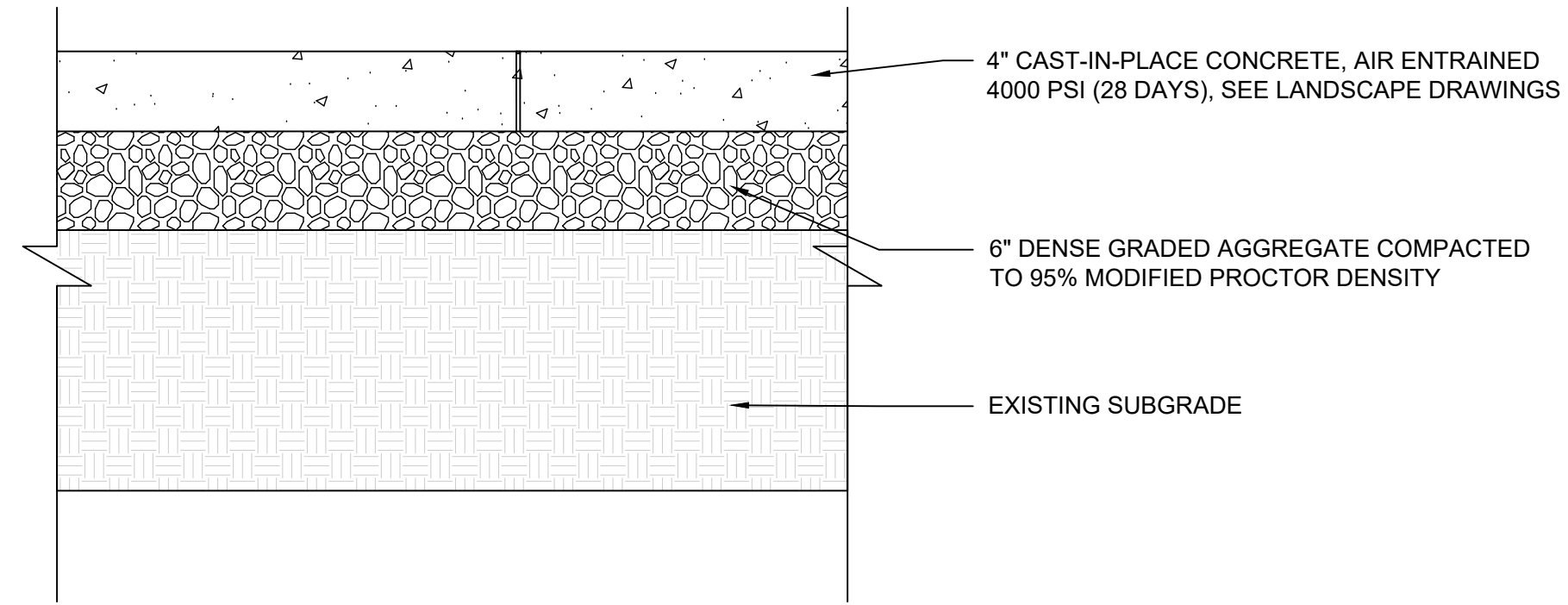
CHECKED BY
 CW

DRAWING NO.
C-300

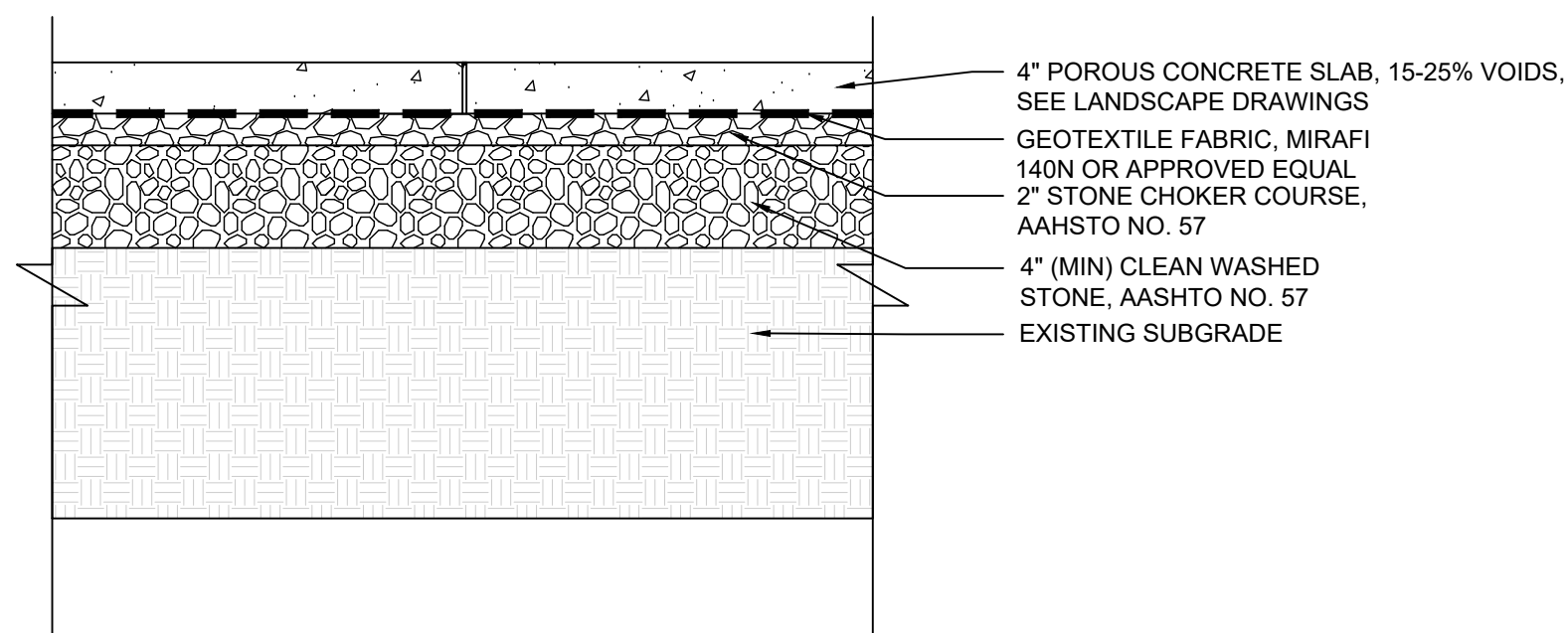




1 SAFETY SURFACE DETAIL NTS



2 CIP CONCRETE DETAIL NTS



POROUS CONCRETE NOTES:

- POROUS CONCRETE SHALL UTILIZE PORTLAND CEMENT TYPE I OR II CONFORMING TO ASTM C 150 OR PORTLAND CEMENT TYPE IP OR IS CONFORMING TO ASTM C 595.
- AGGREGATE SHALL BE NO. 8 COARSE AGGREGATE (3/8 TO NO. 16) PER ASTM C 33 OR NO. 89 COARSE AGGREGATE (3/8 TO NO. 50) PER ASTM D 448.
- AN AGGREGATE/CEMENT RATIO RANGE OF 4:1 TO 4.5:1 AND A WATER/CEMENT RATIO RANGE OF 0.34 TO 0.40 SHOULD PRODUCE PERVIOUS PAVEMENT OF SATISFACTORY PROPERTIES IN REGARD TO PERMEABILITY, LOAD CARRYING CAPACITY, AND DURABILITY CHARACTERISTICS.

3 POROUS CONCRETE DETAIL NTS

STONE & CHOKER COURSE SPECIFICATIONS:

- STONE STORAGE: STONE DESIGNED FOR STORMWATER STORAGE MUST BE UNIFORMLY GRADED, CRUSHED, CLEAN-WASHED STONE. PWD DEFINES "CLEAN-WASHED" AS HAVING LESS THAN 0.5% WASH LOSS, BY MASS, WHEN TESTED PER AASHTO T-11 WASH LOSS TEST.

- CHOKER COURSE GRADATION:

U.S. STANDARD SIEVE SIZE	PERCENT PASSING
1 1/2" (37.5 MM)	100%
1" (25 MM)	95-100%
3/4" (19 MM)	25-60%
#4 (4.75 MM)	0-10%
#8 (2.36 MM)	0-5%

4 STONE & CHOKER COURSE SPECIFICATIONS NTS

GEOTEXTILE SPECIFICATIONS:

- GEOTEXTILE SHALL CONSIST OF POLYPROPYLENE FIBERS AND MEET THE FOLLOWING SPECIFICATIONS:
 - GRAB TENSILE STRENGTH (ASTM-D4632) > OR = 120 LBS.
 - MULLEN BURST STRENGTH (ASTM-D3786) > OR = 225 LBS.
 - FLOW RATE (ASTM-D4491) > OR = 95 GAL./MIN./FTF
 - UV RESISTANCE AFTER 500 HRS. (ASTM-D4355) > OR = 70%
 - HEAT-SET OR HEAT CALENDARED FABRICS ARE NOT PERMITTED

5 GEOTEXTILE SPECIFICATIONS NTS

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	



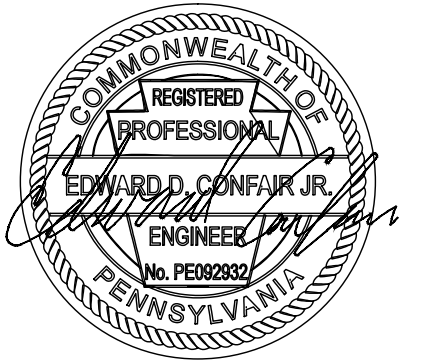
PENNSYLVANIA ONE CALL SYSTEM, INC.
625 South Pine Road
West Chester, Pennsylvania
19382 - 1078



BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-942-1776. NON-MEMBERS MUST BE CONTACTED DIRECTLY. PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH.

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

**CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE**

ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

**DRAWING TITLE
PCSM DETAILS**

PROJECT NO. 16-25-7259-01	DRAWING NO. C-310
DATE 3/4/2026	
SCALE AS SHOWN	
DRAWN BY KL	
CHECKED BY CW	

THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



LEGEND

- XX — EXISTING CONTOUR
- ▤ EXISTING BRICK GUTTER
- W — EXISTING WATER LINE
- UE — EXISTING UNDERGROUND ELECTRIC LINE
- OE — EXISTING OVERHEAD ELECTRIC LINE
- UG — EXISTING GAS LINE
- EXISTING TREE & TREE PROTECTION ZONE
- EXISTING UTILITY POLE
- EXISTING SIGN
- EXISTING ELECTRICAL JUNCTION BOX
- EXISTING LIGHT POLE
- ▤ C.I.P. CONCRETE PAVING
- ▤ RUBBER SAFETY SURFACE
- ▤ C.I.P. CONCRETE STAIRS
- ▤ POROUS C.I.P. CONCRETE
- ▤ COLORED POROUS C.I.P. CONCRETE
- ▤ WALL
- ▤ PPR STANDARD SIGNAGE
- ▤ PROP. BOULDERS
- LOD — LIMIT OF DISTURBANCE
- SF — PROP. SILT SOCK
- TP — TREE PROTECTION FENCE
- ▤ STABILIZED CONSTRUCTION ENTRANCE
- ▤ EROSION CONTROL MATTING
- ▤ TEMP. SOIL STOCKPILE
- TEMP. INLET PROTECTION
- PROP. CONCRETE WASHOUT
- ▤ HAND/PNEUMATIC EXCAVATION ZONE

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	

PENNSYLVANIA ONE CALL SYSTEM, INC.
 425 South 4th Street
 3rd Floor, Philadelphia, Pennsylvania
 19102 - 1078

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776. NON-MEMBERS MUST BE CONTACTED DIRECTLY. PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIGGING, DRILL, BLAST OR DREDGE.

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS

SPACE FOR CONSULTANT RECOGNITION

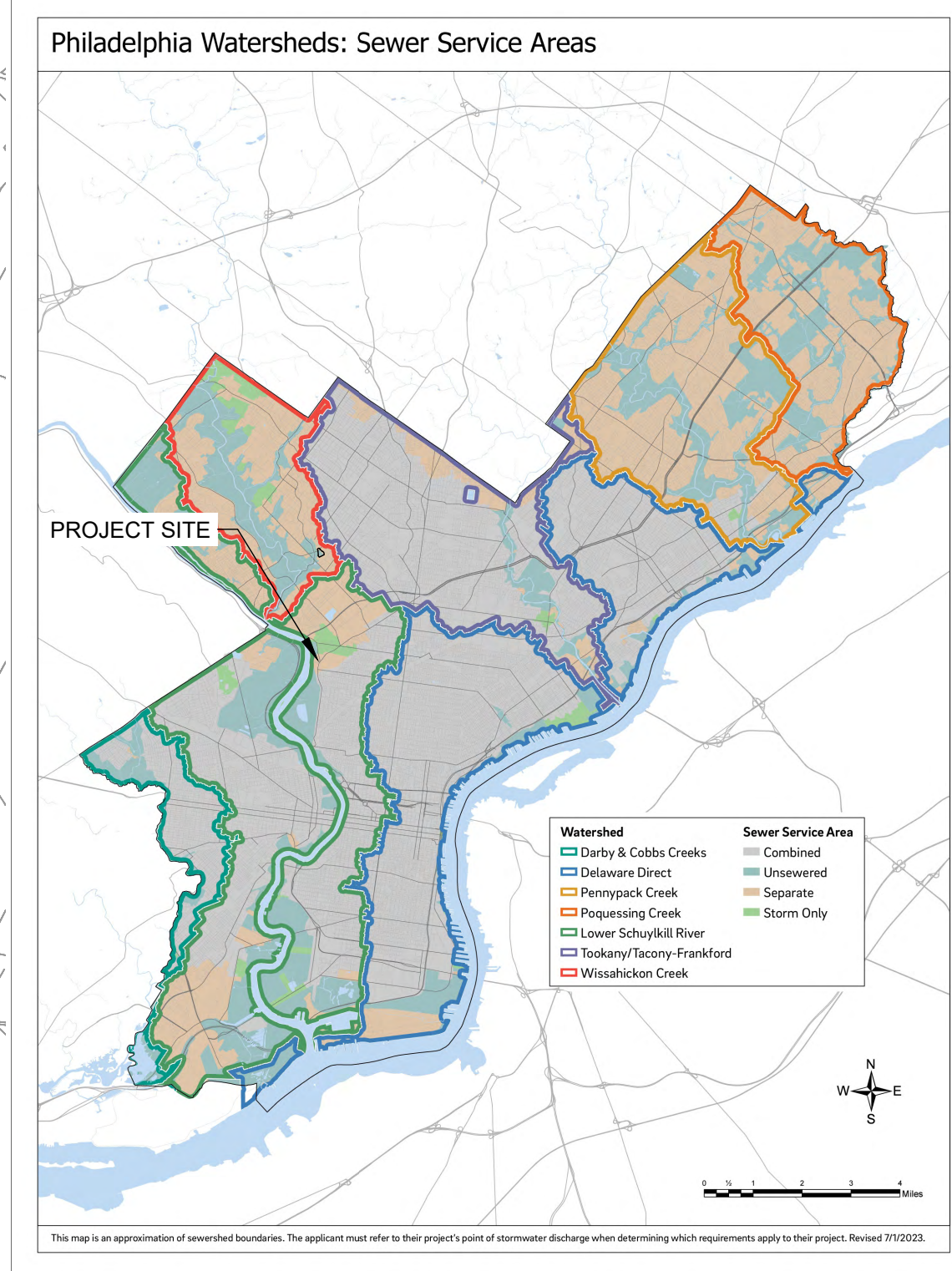
LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901

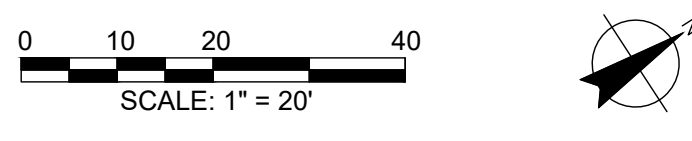
ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004



THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01



CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
EROSION AND SEDIMENT CONTROL PLAN

PROJECT NO. 16-25-7259-01	DRAWING NO. C-500
DATE 3/4/2026	
SCALE 1" = 20'	
DRAWN BY KL	
CHECKED BY CW	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE TIME BEFORE PROCEEDING WITH THE WORK.

STANDARD PHILADELPHIA WATER DEPARTMENT E&S PLAN NOTES:

- AN INDUSTRIAL WASTE PERMIT WILL BE REQUIRED SHOULD PUMPING TO CITY-OWNED INFRASTRUCTURE BECOME NECESSARY DURING CONSTRUCTION. ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.
- INLET PROTECTION SHOULD BE PROVIDED FOR ALL INLETS OWNED BY PWD THAT ARE LOCATED WITHIN ONE BLOCK OF THE PROJECT SITE.
- PWD IS NOT RESPONSIBLE FOR ANY CLEANING OR REPAIRS NEEDED ON CITY-OWNED INFRASTRUCTURE DUE TO FAILURE OF ANY EROSION AND SEDIMENT CONTROL PRACTICES. THE OWNER SHALL BE RESPONSIBLE FOR THESE MEASURES.

CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH ST #10, PHILADELPHIA, PA 19102
215-683-3600
- INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL OCCUR ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS.
- THE MAXIMUM HEIGHT FOR STOCKPILES AREAS SHALL BE 20 FEET. THE MAXIMUM SIDE SLOPE FOR STOCKPILE AREAS SHALL NOT EXCEED 2:1.
- THE ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED ON-SITE. A STOCKPILE SHALL BE MAINTAINED ON-SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- FILTER FABRIC FENCE SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION SHOULD BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. SUPPORT STAKES SHALL BE SPACED AT A MAXIMUM OF 8 FEET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FILTER FENCE.
- ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.
- EROSION CONTROL BLANKETING SHALL BE INSTALLED ON ALL SLOPES 3H:1V OR STEEPER WITHIN 50 FEET OF A SURFACE WATER AND ON ALL OTHER DISTURBED AREAS SPECIFIED ON THE PLAN MAPS AND/OR DETAIL SHEETS.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY PWD AND PA DEP.
- UNTIL THE SITE IS STABILIZED, ALL E&S BMPs SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL E&S BMPs PRIOR TO ANY ANTICIPATED STORM EVENT, AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
- ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING, AS WELL AS CUTS AND FILLS, SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. PWD SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. PWD MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- AT LEAST THREE (3) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING BY PWD AND THE PA DEP PRIOR TO IMPLEMENTATION.
- AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
- CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING, AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OF THE PROJECT UNTIL THE E&S BMPs SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.
- AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
- A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO PWD AT THE TIME OF INSPECTION.
- ALL SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF IN THE FOLLOWING MANNER: AT AN APPROVED OFF-SITE DISPOSAL FACILITY.
- AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF THREE TO FIVE INCHES — SIX TO 12 INCHES ON COMPACTED SOILS — PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM FOUR INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING. FILL OUTSLOPES SHALL HAVE A MINIMUM OF TWO INCHES OF TOPSOIL.
- ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
- ALL EARTHEN FILLS SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED NINE INCHES IN THICKNESS.
- FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
- FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
- FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.

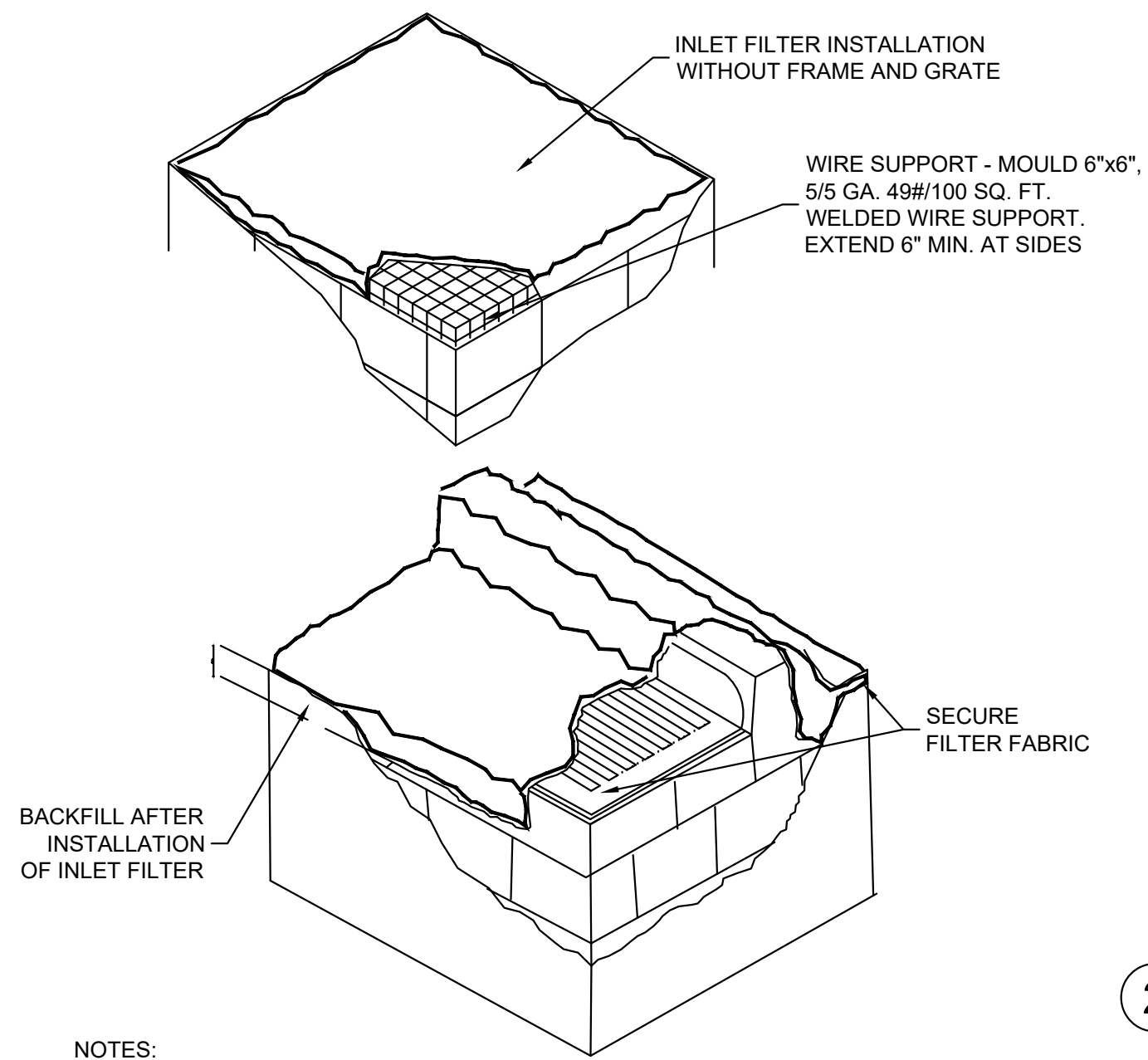
- ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDED AREAS WITHIN 50 FEET OF A SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN ONE YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN ONE YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
- PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 70% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING, OR OTHER MOVEMENTS.
- E&S BMPs SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY PWD AND PA DEP.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY E&S BMPs MUST BE REMOVED OR CONVERTED TO PERMANENT POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE E&S BMPs SHALL BE STABILIZED IMMEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
- SEDIMENT BASINS AND/OR TRAPS SHALL BE KEPT FREE OF ALL CONSTRUCTION WASTE, WASH WATER, AND OTHER DEBRIS HAVING POTENTIAL TO CLOG THE BASIN/TRAP OUTLET STRUCTURES AND/OR POLLUTE THE SURFACE WATERS, (WHEN APPLICABLE)
- DURING CONSTRUCTION, THE SELECTED CONTRACTOR IS EXPECTED TO FOLLOW THE PCSMP APPROVED BY PWD. NO CHANGE OR DEVIATION FROM THE APPROVED PCSMP IS PERMITTED WITHOUT PRIOR APPROVAL FROM PWD.
- ALL WORK ASSOCIATED WITH PWD WATER CONVEYANCE AND SEWER INFRASTRUCTURE SHALL BE DONE IN ACCORDANCE WITH THE CITY OF PHILADELPHIA WATER DEPARTMENT "WATER MAIN STANDARD DETAILS AND CORROSION CONTROL SPECIFICATIONS", 1985 EDITION, AND "STANDARD DETAILS AND STANDARD SPECIFICATIONS FOR SEWERS", 1985 EDITION.
- CONTACT PWD WATER TRANSPORT RECORDS (1101 MARKET STREET, 2ND FLOOR, PHONE: 215-685-6271) FOR ADDITIONAL APPROVALS AND PERMITS REQUIRED FOR ALL WATER SERVICES, METERS, AND CONNECTIONS TO THE EXISTING AND/OR PROPOSED PWD FACILITIES.
- ALL BUILDING MATERIALS AND WASTES SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE PADEP'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA CODE 280.1 ET SEQ., 271.1, AND 287.1 ET SEQ. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- ALL EXCESS SOIL SHALL BE DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. CONTAMINATED SOIL SHALL BE DISPOSED OF AT EITHER A) AN APPROVED DISPOSAL FACILITY WITH AN APPROVED AND CURRENT PADEP SOIL WASTE MANAGEMENT PERMIT, OR B) AN APPROVED LANDFILL (TYPICALLY DISPOSAL AT A LANDFILL DOES NOT REQUIRE A WASTE PERMIT), AND (2) "WASTE MATERIALS, SCRAP OR EXCESS CONSTRUCTION MATERIALS SHALL BE COLLECTED, STORED AND DISPOSED OF IN ACCORDANCE WITH THE SOLID WASTE MANAGEMENT ACT (35 P. S. § 6018.101—THE MUNICIPAL WASTE PLANNING, RECYCLING AND WASTE REDUCTION ACT (53 P. S. § 4000.101—4000.1904), THE CLEAN STREAMS LAW (35 P. S. § 691.1—691.1001) AND RELATED RULES AND REGULATIONS.

DUST CONTROL REQUIREMENTS (AIR MANAGEMENT REGULATION (AMR) II, SECTION IX.)

- NOTIFY OCCUPANTS OF NEARBY PROPERTIES, IN WRITING, TEN (10) DAYS BEFORE ENGAGING IN EARTHWORKS (EXCAVATION, LAND CLEARING, OR OTHER ACTIVITY THAT WILL DISTURB MORE THAN 5,000 SQ FT LAND AREA), CONSTRUCTION, AND DEMOLITION ACTIVITIES. (AMR II, § IX.A.) - FOR CONSTRUCTION / DEMOLITION INVOLVING STRUCTURE < 2 STORIES IN HEIGHT - WRITTEN NOTIFICATION TO PROPERTIES ADJACENT TO WORKSITE.
- CONSTRUCTION AND DEMOLITION WORK PRACTICES TO REDUCE / MINIMIZE DUST (AMR II, § IX.C.)
 - FUGITIVE DUST FROM CONSTRUCTION, DEMOLITION, AND EARTHWORKS ACTIVITIES MAY NOT BE VISIBLE AT THE POINT IT PASSES THE WORKSITE PROPERTY LINE.
 - USE OF VACUUM OR SIMILAR SUCTION SYSTEMS TO CAPTURE DUST KICKED UP BY POWER TOOLS WHEN GRINDING / CUTTING.
 - APPLICATION OF WATER OR APPROVED DUST SUPPRESSANT TO A WORKSITE WITH ONGOING EXCAVATION, LAND CLEARING, DEMOLITION, OR OTHER EARTH DISTURBANCE RELATED ACTIVITIES TO SUPPRESS DUST FORMATION.
 - GENERAL PROHIBITION AGAINST DRY ABRASIVE BLASTING OF EXTERIOR SURFACES OPEN TO THE OUTSIDE AIR WHEN TEMPERATURE IS ABOVE FREEZING.
 - COVERING AND WETTING OF STOCKPILED EARTH, SAND, GRAVEL, AND OTHER SIMILAR CONSTRUCTION MATERIALS.
 - USE OF A MATERIAL CHUTE WHEN DROPPING MATERIAL OR DEBRIS MORE THAN 20 FT OUTSIDE OF THE EXTERIOR WALLS OF A BUILDING OR STRUCTURE. MATERIALS MUST BE WETTED WHEN DROPPED, AND / OR EXIT OF CHUTE MUST BE SEALED AGAINST THE TOP OF THE RECEIVING CONTAINER / DUMPSTER.
 - ALL TEMPORARY PERIMETER FENCING AROUND MUST HAVE DUST CONTROL FABRIC, MUST MEASURE A MINIMUM OF 5 FT IN HEIGHT FROM THE BOTTOM OF THE FENCING.
 - A 10 MILES PER HOUR SPEED LIMIT FOR ALL EQUIPMENT AND TRUCKS TRAVELING WITHIN THE WORKSITE.
 - WETTING AND SWEEPING OF ROADWAYS / ACCESS ROADS IN A WORKSITE TO PREVENT DUST FORMATION.
 - VEHICLE ACCESS POINTS MUST BE EQUIPPED WITH DUST SUPPRESSION MEASURES (I.E. WHEEL WASH SYSTEMS, RUMBLE GRATES, AND/OR GRAVEL PADS)

STANDARD PWD SEQUENCE OF CONSTRUCTION NOTES:

- AT LEAST SEVEN (7) DAYS PRIOR TO ANY EARTH DISTURBANCE, THE INSPECTIONS COORDINATOR OF PWD (OFFICE: 215-685-6387) MUST BE CALLED TO SCHEDULE A PRECONSTRUCTION MEETING.
- AT LEAST THREE (3) DAYS PRIOR TO POROUS PAVEMENT INSTALLATION, THE INSPECTIONS COORDINATOR OF PWD (OFFICE: 215-685-6387) MUST BE CALLED TO SCHEDULE AN INSPECTION (FOR EACH SMP).
- ALL STONE THAT MAKES UP THE POROUS PAVEMENT BASE MUST REMAIN FREE OF SEDIMENT. IF SEDIMENT ENTERS THE STONE, THE CONTRACTOR MAY BE REQUIRED TO REMOVE THE SEDIMENT AND REPLACE IT WITH CLEAN-WASHED STONE.
- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT INSPECTIONS COORDINATOR OF PWD (OFFICE: 215-685-6387) FOR A FINAL INSPECTION PRIOR TO REMOVAL/CONVERSION OF THE E&S BMPs.
- AS SOON AS SLOPES, CHANNELS, DITCHES, AND OTHER DISTURBED AREAS REACH FINAL GRADE, THEY MUST BE STABILIZED. CESSATION OF ACTIVITY FOR FOUR (4) DAYS OR LONGER REQUIRES TEMPORARY STABILIZATION.
- THE NPDES NOTICE OF TERMINATION (N.O.T.) MUST BE SUBMITTED TO PA DEP UPON COMPLETION OF CONSTRUCTION (WHEN APPLICABLE).
- WATER PUMPED FROM WORK AREAS SHOULD BE TREATED FOR SEDIMENT REMOVAL PRIOR TO DISCHARGING TO A "SURFACE WATER" (WHEN APPLICABLE).



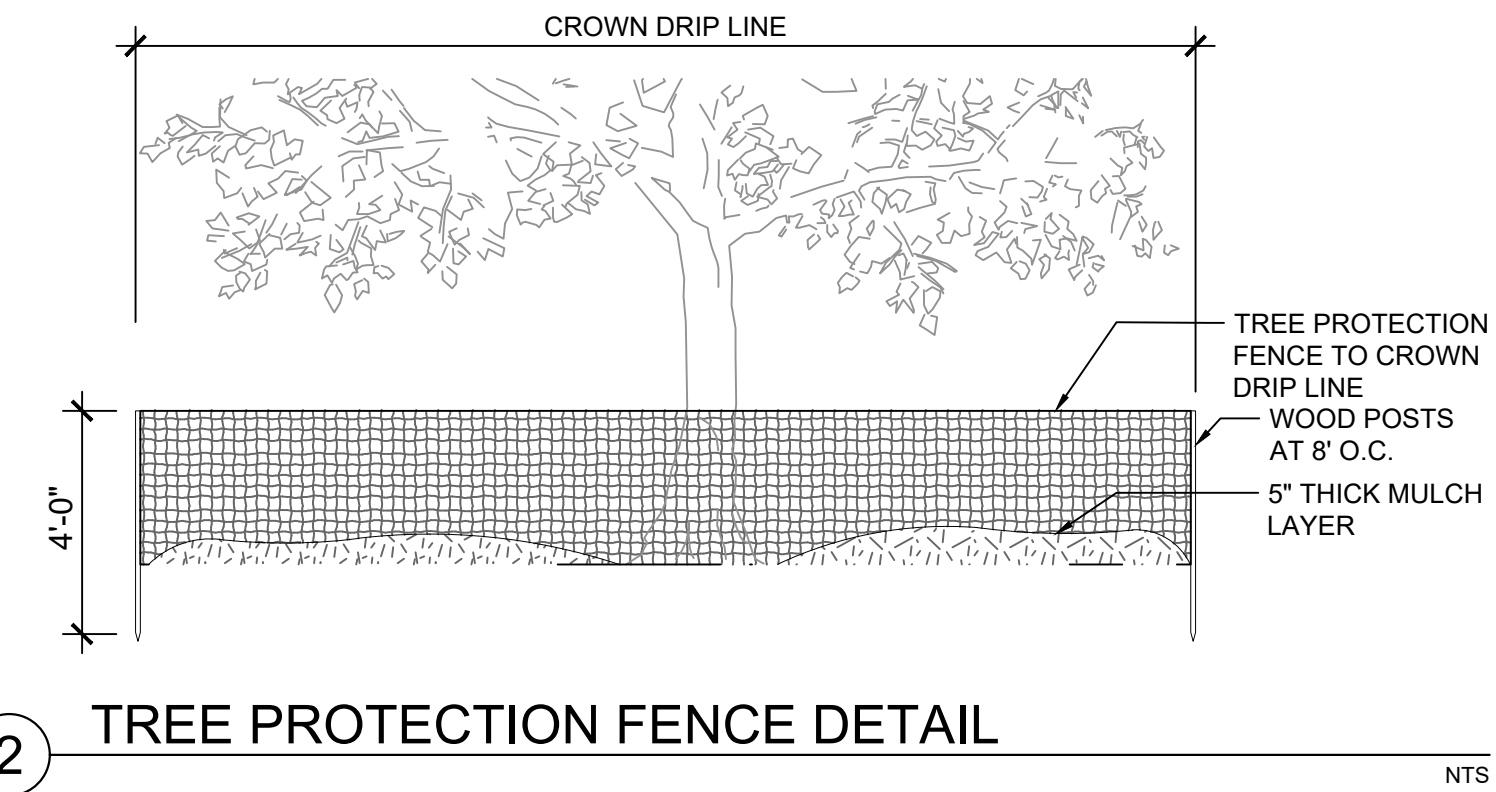
NOTES:

- CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
- CONTRACTOR IS TO REMOVE FABRIC JUST PRIOR TO PAVING.

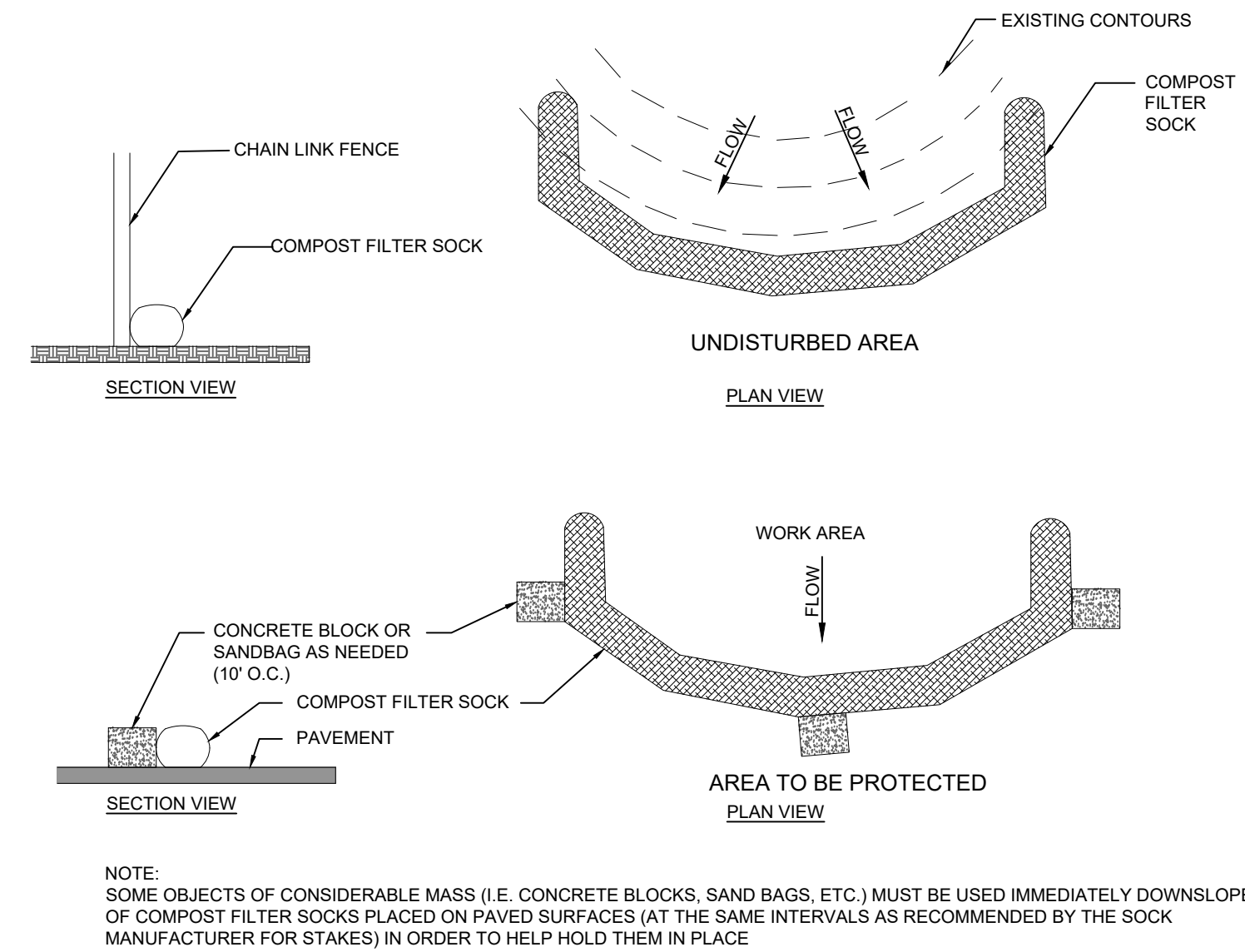
1 INLET PROTECTION DETAIL

NOTES:

- TREE PROTECTION FENCE TO BE LOCATED AT A DISTANCE OF 12 TIMES THE TRUNK DBH, OR TO THE TREE'S DRIP LINE, WHICHEVER DISTANCE IS GREATER, OR AS DIRECTED BY THE LANDSCAPE ARCHITECT OR ENGINEER.
- THE EDGE OF DRIP LINE IS TO BE VERIFIED BY THE PROJECT MANAGER.
- BOARDS SHALL NOT BE NAILED TO TREES DURING BUILDING OPERATIONS.
- ANY TREES NOT SCHEDULED TO BE REMOVED THAT ARE IRREPARABLY DAMAGED DURING CONSTRUCTION SHALL BE REPLACED.
- NO MATERIALS ARE TO BE STORED IN THE TREE PROTECTION AREA.
- TREE PROTECTION FENCING SHALL REMAIN IN PLACE DURING ANY PHASE OF CONSTRUCTION DURING WHICH THE TREE MAY BE AFFECTED.



2 TREE PROTECTION FENCE DETAIL



3 SILT SOCK DETAIL

TREE PROTECTION NOTES:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND VERIFY ALL SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE, PRIOR TO COMMENCING WORK. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE AGENCY IN WRITING, PRIOR TO THE COMMENCEMENT OF WORK.
- THE TREE PROTECTION ZONE (TPZ) SHALL BE DEFINED AS THE AREA WITHIN THE DRIP LINE OF EXISTING TREES, UNLESS OTHERWISE SHOWN ON THE TREE PROTECTION PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF ALL EXISTING TREES NOT LISTED FOR REMOVAL THAT ARE LOCATED COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE.
- ALL EXCAVATION AND PLANT INSTALLATION WITHIN THE TPZ SHALL BE PERFORMED BY HAND OR PNEUMATICALLY, WITH MINIMAL SOIL DISTURBANCE, AND UNDER THE SUPERVISION OF PHILADELPHIA PARKS AND RECREATION. PLANTS SHALL NOT BE PLACED WITHIN THREE (3) FEET OF THE TREE TRUNK UNLESS APPROVED.
- THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT THE ROOT SYSTEMS OF EXISTING TREES. MATERIAL, EQUIPMENT, OR VEHICLES SHALL NOT BE STOCKPILED OR PARKED WITHIN THE TPZ OF ANY TREE COMPLETELY OR PARTIALLY WITHIN THE CONTRACT LIMIT LINE TO MINIMIZE SURFACE AND SUBSURFACE ROOT AND SOIL COMPACTION. IF STOCKPILING OCCURS WITHIN THE TPZ, A STOP WORK ORDER SHALL BE ISSUED IMMEDIATELY, AND WORK SHALL NOT RE-COMMENCE UNTIL ALL STOCKPILED MATERIAL IS REMOVED FROM THE TPZ AND MITIGATION MEASURES ARE PERFORMED TO THE SATISFACTION OF THE RESIDENT ENGINEER, IN CONSULTATION WITH PHILADELPHIA PARKS AND RECREATION.
- THE TREE PROTECTION ZONE SHALL BE COVERED WITH WOOD CHIPS TO A DEPTH OF AT LEAST SIX (6) INCHES, WITH PLYWOOD OR GROUND PROTECTION MATS, OR A COMBINATION THEREOF. SUCH COVERING SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT AND IS NOT TO BE REMOVED UNTIL DIRECTED BY THE DIRECTOR OF LANDSCAPE CONSTRUCTION OR THEIR REPRESENTATIVE. REMOVAL SHALL BE BY HAND OR AS SPECIFIED.
- TEMPORARY SNOW FENCE BOUNDARY SHALL BE MAINTAINED FOR THE DURATION OF THE CONTRACT AND ARE NOT TO BE REMOVED UNTIL DIRECTED BY LANDSCAPE ARCHITECT OR PHILADELPHIA PARKS AND RECREATION.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN REMOVING CONCRETE OR ASPHALT WITHIN THE DRIP LINE OF EXISTING TREES - LIFTING RATHER THAN DRAGGING PIECES OF PAVING. TOOLS FOR THIS ACTIVITY SHALL BE APPROVED BY PHILADELPHIA PARKS AND RECREATION OR THEIR REPRESENTATIVE AND THE RESIDENT ENGINEER PRIOR TO THE START OF EXCAVATION.
- NO ROOTS SHALL BE CUT WITHOUT THE WRITTEN AUTHORIZATION OF PHILADELPHIA PARKS AND RECREATION OR THEIR REPRESENTATIVE.

THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

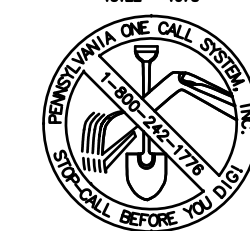
PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	

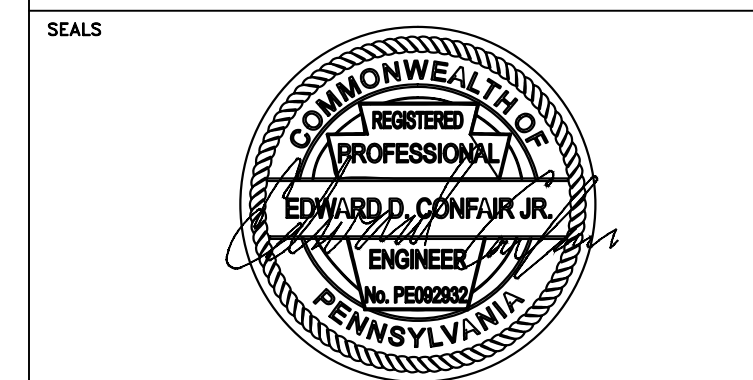


PENNSYLVANIA ONE CALL SYSTEM, INC.
425 South Pine Road
Westville, Pennsylvania
19122 - 1078



BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTLY
PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIGGING, DRILL, BLAST OR DRAINAGE

PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE

EROSION & SEDIMENT CONTROL NOTES & DETAILS

PROJECT NO.: 16-25-7259-01

DATE: 3/4/2026

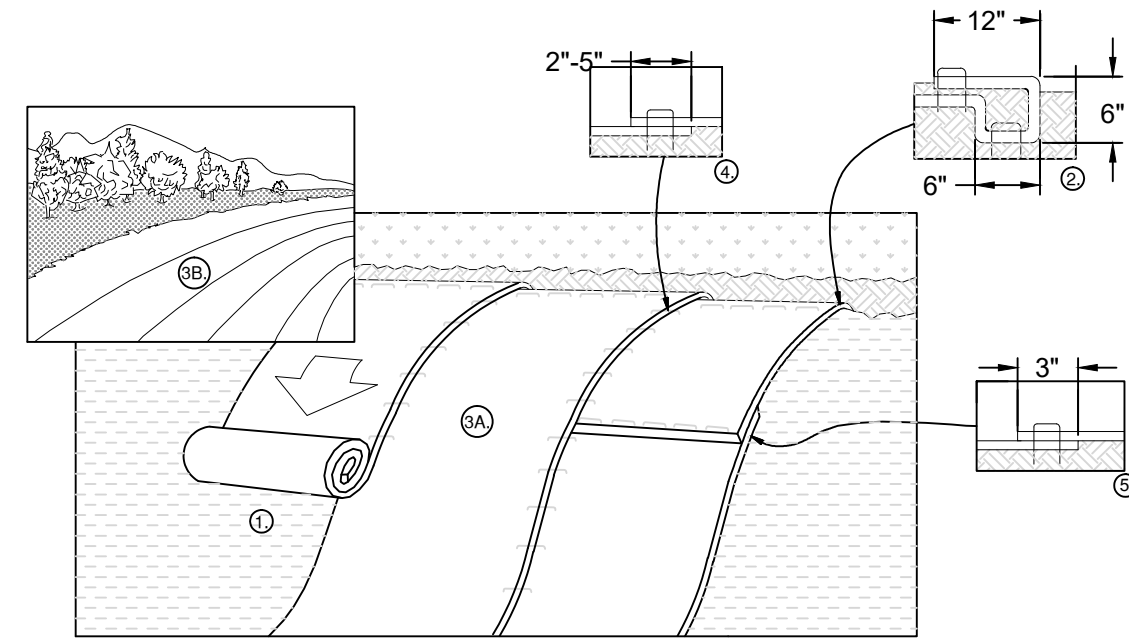
SCALE: AS SHOWN

DRAWN BY: KL

CHECKED BY: CW

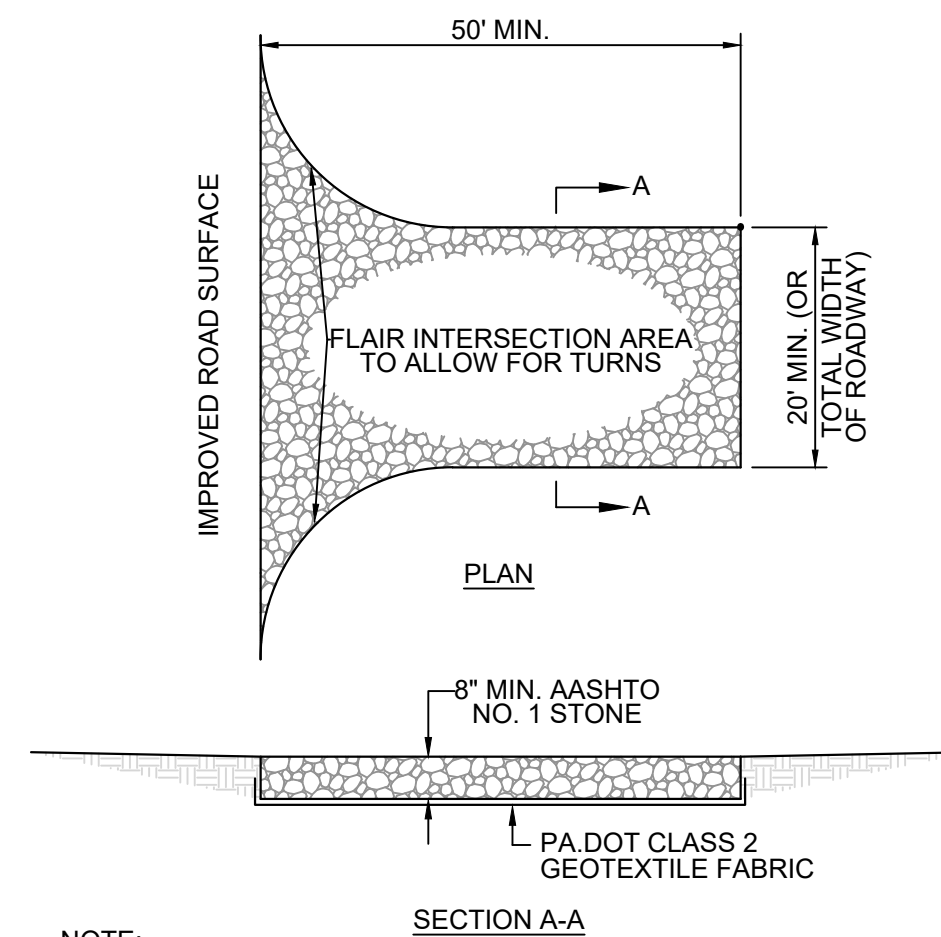
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY CONTRACTOR AT THE TIME BEFORE PROCEEDING WITH THE WORK.

C-510



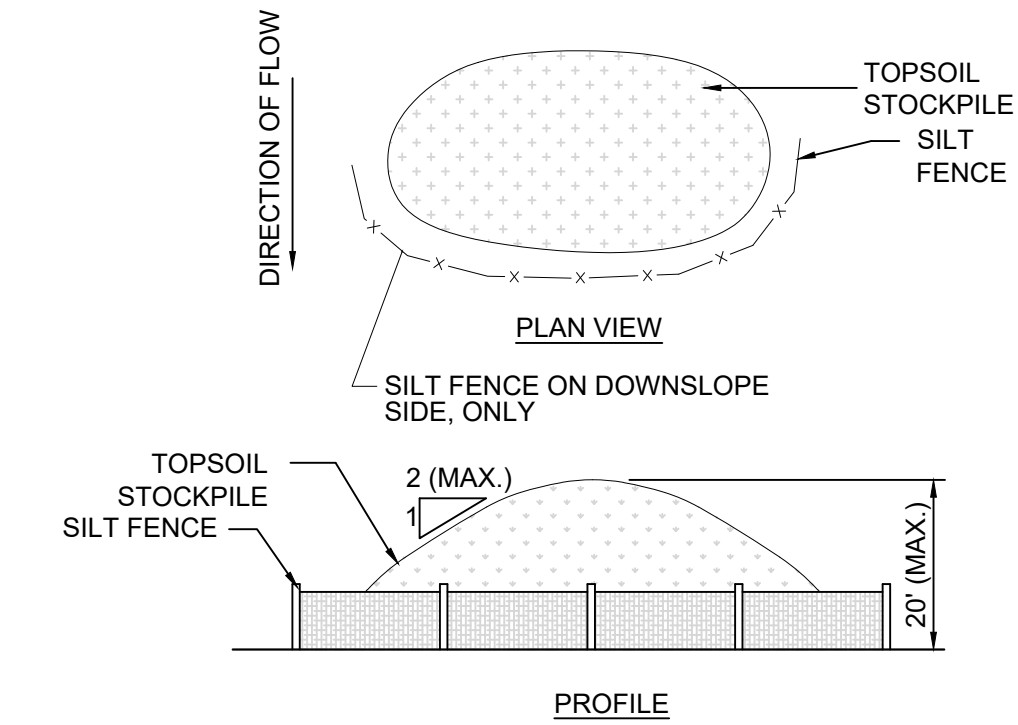
NOTES:

1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY SPECIFIED STAKES, OR APPROVED EQUAL, IN APPROPRIATE LOCATIONS. NO BIO-DEGRADABLE METAL OR PLASTIC STAKES ARE PERMITTED. WHEN USING OPTIONAL DOT SYSTEM, STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAKE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAKED WITH APPROXIMATELY 2'-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAKE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
6. IN LOOSE SOIL CONDITIONS, THE USE OF STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.
7. EROSION CONTROL MATTING MATERIAL SHALL BE BIODEGRADABLE.



NOTE:

1. ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.



MAINTENANCE

SILT FENCE MUST BE PLACED AROUND THE DOWNSLOPE SIDE OF ALL STOCKPILES. IMMEDIATELY APPLY TEMPORARY SEEDING & STRAW MULCH TO ALL STOCKPILES.

1 EROSION CONTROL MATTING DETAIL

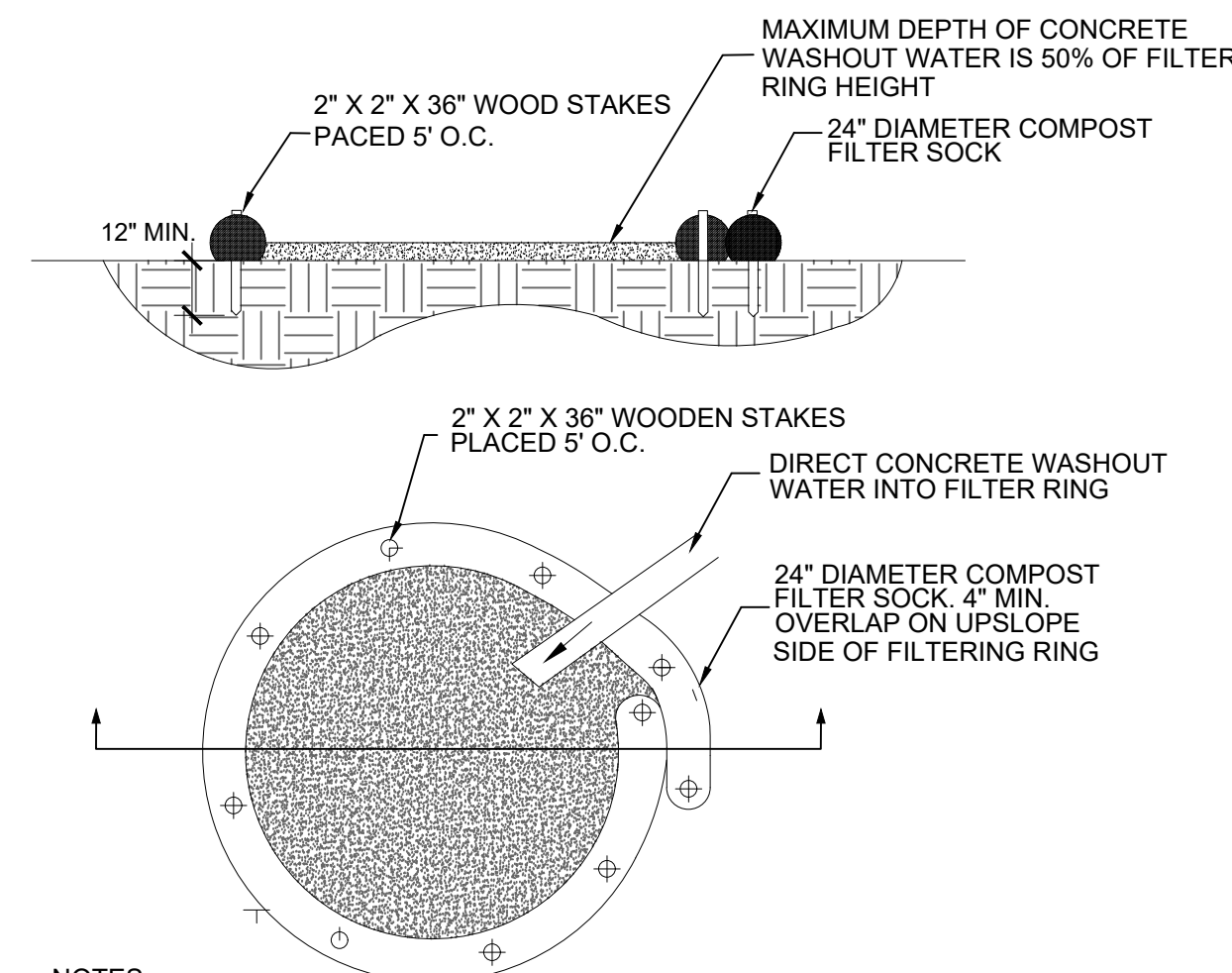
NTS

2 STABILIZED CONSTRUCTION ENTRANCE ON PAVEMENT DETAIL

NTS

3 TEMPORARY SOIL STOCKPILE DETAIL

NTS



NOTES

1. A SUITABLE IMPERVIOUS GEOMEMBRANE SHALL BE PLACED AT THE LOCATION OF THE WASHOUT PRIOR TO INSTALLING THE SOCKS.
2. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE
3. 18" DIAMETER FILTER SICK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.
4. PROVIDE PROPER SIGNAGE TO DRIVERS SO THAT THEY ARE AWARE OF THE PRESENCE OF WASHOUT FACILITIES.
5. NOT TO BE PLACED WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES OR SURFACE WATERS.
6. MUST BE LOCATED IN A CONVENIENT LOCATION FOR THE TRUCKS BUT FAR ENOUGH FROM OTHER VEHICULAR TRAFFIC TO MINIMIZE THE POTENTIAL FOR ACCIDENTAL DAMAGE OR SPILLS.

4 CONCRETE WASHOUT

NTS

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.02.2026	PWD RESUBMISSION
95% CD	02.13.2026	
100% CD	03.04.2026	



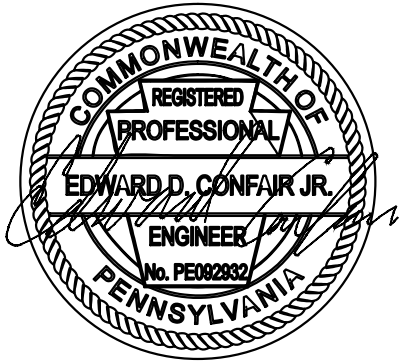
PENNSYLVANIA ONE CALL SYSTEM, INC.
425 South 4th Street
West Chester, Pennsylvania
19382 - 1078



BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA CALL 1-800-242-1776
NON-MEMBERS MUST BE CONTACTED DIRECTLY
PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU DIG. HAIL, BLAST OR DRILLING

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
EROSION & SEDIMENT CONTROL DETAILS

PROJECT NO. 16-25-7259-01	DRAWING NO. C-511
DATE 3/4/2026	
SCALE AS SHOWN	
DRAWN BY KL	
CHECKED BY CW	

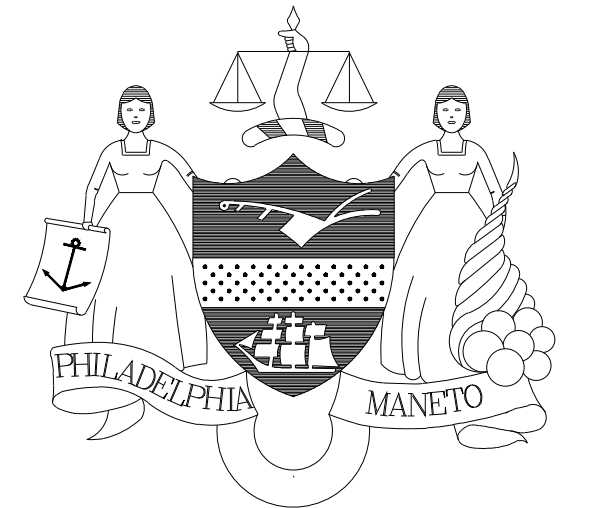
THE PROJECT SITE IS LOCATED AT LEMON HILL WITHIN FAIRMOUNT PARK SYSTEM AND DOES NOT HAVE ITS OWN SITE ADDRESS. THE PROJECT SITE IS LOCATED ALONG SEDGLEY DRIVE BETWEEN POPLAR DRIVE AND N. LEMON HILL DRIVE. APPROXIMATE COORDINATES ARE 39°58'18" N, 75°11'16" W.

PHILADELPHIA WATER TRACKING NO.: FY26-LEMO-8279-01

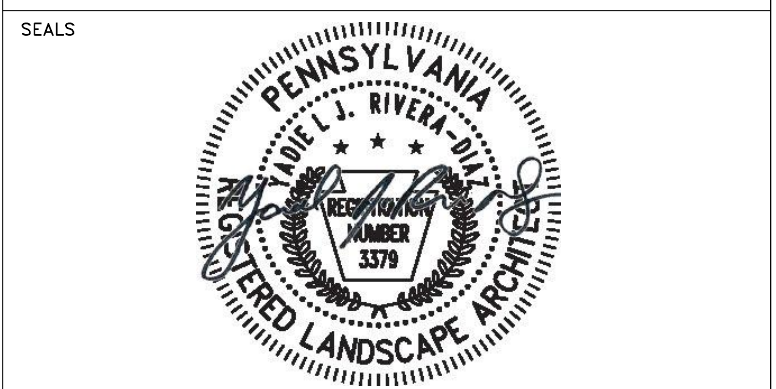
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

GENERAL NOTES

PROJECT NO. 16-25-7259-01	DRAWING NO. L-001
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

- DO NOT SCALE DRAWINGS. CONSULT THE LANDSCAPE ARCHITECT FOR ANSWERS TO ALL QUESTIONS REGARDING DIMENSIONS.
- ALL EXISTING CONDITIONS INFORMATION SHOWN IS FOR REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE SURVEY INFORMATION SHOWN.
- PRIOR TO COMMENCEMENT OF THE WORK, THE CONTRACTOR SHALL VERIFY STATUS OF EXISTING UTILITIES WITHIN THE PROJECT AREA AS REQUIRED BY LOCAL LAW. ALL COMMUNICATIONS AND COORDINATION MEETINGS RELATIVE TO THE PROJECT BETWEEN THE CONTRACTOR AND ANY AGENCY, UTILITY COMPANY OR ORGANIZATION WILL BE CONDUCTED AND/OR APPROVED BY THE CLIENT. THE LANDSCAPE ARCHITECT SHALL RECEIVE NOTIFICATION OF ANY MEETINGS AND COPIES OF ANY AND ALL MINUTES OR COMMUNICATIONS AS A RESULT OF THOSE COMMUNICATIONS OR COORDINATION MEETINGS.
- THE CONTRACTOR SHALL MAKE TEST PITS AS REQUIRED TO VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES AND OTHER SUBSURFACE ELEMENTS AS THE WORK PROGRESSES. ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODE AND LOCAL LAWS.
- THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CLIENT, PRIVATE UTILITY COMPANIES, AND THE CITY AGENCIES AS REQUIRED FOR THE EXPEDITIOUS EXECUTION OF WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL THE EXISTING FIELD CONDITIONS ADJACENT TO THE SITE INCLUDING BUT NOT LIMITED TO ALL STRUCTURES, UTILITIES, FENCES, PAVEMENTS, SHRUBS, TREES, LIGHT POSTS, ETC. THROUGHOUT THE DURATION OF THE WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN ALL EXISTING CONDITIONS ADJACENT TO THE SITE, OR AS INDICATED ON CONTRACT DRAWINGS. IN THE EVENT THE CONTRACTOR'S OPERATIONS RESULT IN DAMAGE TO EXISTING CONDITIONS ADJACENT TO THE SITE, OR CONDITIONS INDICATED TO REMAIN ON CONTRACT DRAWINGS, THE CONTRACTOR SHALL REPAIR AND CORRECT ALL DAMAGES TO THE SATISFACTION OF THE CLIENT AT NO EXTRA COST.
- CHANGES IN THE WORK; ALL REQUESTS FOR CHANGES AND/OR SUBSTITUTIONS IN THE WORK SHALL BE MADE IN WRITING TO THE LANDSCAPE ARCHITECT. A COPY OF ALL SUCH REQUESTS SHALL BE SENT TO THE CLIENT.
- THE CONTRACTOR SHALL STUDY THE INTERRELATIONSHIP OF ALL THE VARIOUS ELEMENTS OF CONSTRUCTION SHOWN ON THE CONTRACT DRAWINGS AND DESCRIBED IN THE PROJECT SPECIFICATIONS AND BULLETINS, AND SHALL COORDINATE THEIR CONSTRUCTION OPERATIONS ACCORDINGLY. ANY CONFLICTS WHICH MAY BECOME APPARENT FROM THE COORDINATION STUDY SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL BRING CONDITIONS WHICH CONFLICT WITH PROPOSED GRADING AND SITE CONSTRUCTION TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND THE OWNER.
- ALL MECHANICAL EQUIPMENT, CONCEALED WATER AND GAS VALVES, ETC. TO REMAIN UNLESS OTHERWISE SPECIFICALLY NOTED.
- MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED ON THE DRAWINGS.
- AT ALL TIMES, THE SITE SHALL BE KEPT NEAT, AND KEPT FREE OF DEBRIS LEFT FROM ALL CONSTRUCTION OPERATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE AND PROTECT ALL WORK FINISHED OR IN PROGRESS, AND TO PROTECT THE PUBLIC FROM ANY INJURY THAT MAY OCCUR AS A RESULT OF THE SITE BEING ACCESSIBLE DURING PROJECT CONSTRUCTION.
- UNLESS OTHERWISE NOTED, DETAILED DRAWINGS AND PART PLANS SHALL HAVE PRECEDENCE OVER LAYOUT DRAWINGS (I.E. SITE PLAN) FOR ACCURACY OF INFORMATION.
- SEE PROJECT SPECIFICATIONS FOR REQUIRED SUBMITTALS.
- THE SHOP DRAWINGS SUBMITTED BY THE CONTRACTOR SHALL SHOW ALL FASTENING DEVICES AND LOCATIONS COMPLETE WITH FASTENINGS TO ALL FOUNDATION WALLS AND PAVEMENTS. THE SHOP DRAWINGS SHALL PROVIDE SUFFICIENT DETAIL TO ALLOW THE LANDSCAPE ARCHITECT TO REVIEW AND APPROVE THE SYSTEM AND PIECES.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO GUARANTEE ANY AND ALL ANCHORING SYSTEMS FOR ALL WORK.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SAFE ACCESS TO ALL BUILDING ENTRANCES AT ALL TIMES DURING THE CONSTRUCTION PERIOD.
- PAVER SYSTEMS SHALL MEET (ADJACENT) ALTERNATE MATERIAL PAVEMENTS FLUSH. THE CONTRACTOR SHALL VERIFY THE INTERIOR GRADES AND THEIR RELATIONSHIP WITH THE PROPOSED GRADES. THE CLIENT SHALL BE NOTIFIED IF THERE ARE ANY DISCREPANCIES IN THE ELEVATIONS. ADJUSTMENTS SHALL BE MADE AS NECESSARY AND SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.
- EXISTING DRAINS/VALVE COVERS, ETC. SHALL BE ADJUSTED AS NECESSARY IN AREAS WHERE PROPOSED WORK IS TO BE INSTALLED.
- CONCRETE CURBS/FOOTINGS FOR ALL FENCING AND WALLS SHALL BRIDGE OVER ANY EXISTING DRAIN INLETS AND UTILITIES AND SHALL BE BROUGHT TO THE ATTENTION OF THE CLIENT AND THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL SUPPLY THE CLIENT WITH MANUFACTURER'S SHOP DRAWINGS AND INSTALLATION DRAWINGS PRIOR TO THE INSTALLATION OF ANY SPECIFIED ITEM.

LAYOUT NOTES:

- CONTRACTOR SHALL LAYOUT AND STAKE IN THE FIELD THE ALIGNMENT AND GRADE OF ALL CURBS, PAVEMENTS AND ALL OTHER SITE ELEMENTS FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, BOTH ABOVE AND BELOW THE SURFACE. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IN WRITING, PRIOR TO COMMENCEMENT OF WORK.
- NO CHANGES SHALL BE MADE TO THE DESIGN OR LAYOUT WITHOUT THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL LAYOUT THE WORK AS DIMENSIONED ON THE PLANS. WRITTEN DIMENSIONS SHALL GOVERN. DO NOT SCALE DISTANCES.

MATERIALS NOTES:

- THE CONTRACTOR SHALL USE CARE DURING CONSTRUCTION TO AVOID DISTURBING OR DAMAGING ADJACENT STRUCTURES, EITHER SUB-GRADE OR ABOVE-GRADE. ANY DAMAGE TO EXISTING STRUCTURES RESULTING FROM CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WORK WITH THE WORK OF OTHER CONTRACTORS AND SUBCONTRACTORS ON SITE, SUCH AS IRRIGATION, ELECTRICIAN, CARPENTERS, PLUMBERS, AND SPECIALTY TRADES. COMPLY WITH REQUIREMENTS AND SCHEDULE OF GENERAL CONTRACTOR.
- WORK SHALL INCLUDE, BUT NOT BE LIMITED TO CONSTRUCTION OF PAVEMENTS, CURBS, WALKS, STEPS, WALLS, RAILINGS, FENCING, STRUCTURES, LIGHTING, MANUFACTURED SOILS AND OTHER ELEMENTS, DAILY CLEAN-UP, MAINTENANCE AND GUARANTEE.
- VERIFY ALL DIMENSIONS AND GRADES IN THE FIELD AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.
- SECURE ALL REQUIRED PERMITS AND APPROVALS FROM LOCAL OR SUPERVISORY AUTHORITIES. POST ON THE SITE OR HAVE AVAILABLE FOR REVIEW BY INSPECTORS.
- KEEP THE SITE CLEAN AND NEAT; REGULARLY WATER DOWN WORK ROADS AND AREAS ADJACENT TO THE SITE TO KEEP THEM FREE OF DUST AND AIR-BORNE POLLUTANTS.
- DECISIONS REGARDING ALL QUESTIONS WHICH MAY ARISE AS TO THE QUALITY OF ACCEPTABILITY OF MATERIALS FURNISHED, WORK PERFORMED, PROGRESS OF THE WORK, INTERPRETATION OF DRAWINGS AND SPECIFICATIONS, AND ALL QUESTIONS AS TO ACCEPTABLE FULFILLMENT OF THE CONTRACT BY THE CONTRACTOR SHALL BE MADE BY THE LANDSCAPE ARCHITECT.

PLANTING NOTES:

- PLANT GROUPINGS AND LOCATIONS ARE DIAGRAMMATIC. THE LOCATION OF PLANTS SHALL BE APPROVED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
- ALL PLANTS SHALL BE PLANTED AT THE TIME OF DELIVERY DUE TO LIMITED STORAGE ON SITE. PLANTS IN THE SAME PLANTING BED SHALL BE PLANTED AT THE SAME TIME. ANY PLANTS REMAINING UNPLANTED ON THE SITE FOR MORE THAN 24 HOURS SHALL BE PROTECTED AND MAINTAINED INCLUDING BUT NOT LIMITED TO WATER AND SHADE. ANY DAMAGED PLANTS SHALL BE REPLACED AS DIRECTED, AT THE CONTRACTOR'S EXPENSE.
- THERE WILL BE NO SUBSTITUTIONS OF PLANT MATERIAL WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL IMPLEMENT THE PLANTING PLAN AS SHOWN. PLANTS SHALL BE LOCATED AS CLOSE AS POSSIBLE TO LAYOUT PROVIDED OR AS DIRECTED IN THE FIELD BY THE LANDSCAPE ARCHITECT.
- PLANTING BEDS SHALL RECEIVE A MIN. 2" THICK LAYER OF SHREDDED HARDWOOD MULCH, AS INDICATED ON THE PLANTING DETAILS AND SPECS.
- PRIOR TO COMMENCING PLANTING, THE CONTRACTOR SHALL STAKE OUT THE EXACT LOCATION OF THE ALL TREES FOR THE LANDSCAPE ARCHITECT'S APPROVAL. ALL PLANTING OPERATIONS AND LAYOUT SHALL PROCEED UNDER CLOSE COORDINATION WITH THE LANDSCAPE ARCHITECT. TREE LOCATIONS MAY VARY AS DIRECTED BY THE LANDSCAPE ARCHITECT IN THE FIELD. THE ACTUAL LOCATION OF PLANT MATERIALS MAY VARY DUE TO FIELD CONDITIONS. FINAL PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BEFORE PITS ARE DUG. IF INITIAL PLACEMENT IS NOT SATISFACTORY, PLANTS SHALL BE RELOCATED IN THE FIELD AT THE DIRECTION OF THE LANDSCAPE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.
- MATERIAL WILL BE INSPECTED AND APPROVED AT PLACE OF GROWTH BY THE LANDSCAPE ARCHITECT. HOWEVER, PLANT MATERIAL WHICH HAS BECOME DAMAGED OR DISEASED OR WHICH IS UNACCEPTABLE TO THE LANDSCAPE ARCHITECT MAY BE REJECTED UPON DELIVERY TO THE SITE.
- SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE QUANTITIES CALLED FOR ON THE PLANT LIST AND THOSE INDICATED ON THE PLAN, THE GREATER QUANTITY SHALL GOVERN.
- AT ALL TIMES, THE SITE SHALL BE KEPT NEAT AND FREE OF DEBRIS LEFT FROM THE PLANTING OPERATION.
- ALL PLANT MATERIAL TO BE VIGOROUS, AND FREE OF INJURY OR DEFECTS. ALL PLANT MATERIAL TO BE TRUE REPRESENTATIVES OF THEIR SPECIES.
- ALL PLANT TAGS MUST REMAIN ON THE PLANT MATERIAL UNTIL THE LANDSCAPE ARCHITECT REVIEWS THE LAYOUT AND APPROVES QUANTITIES.

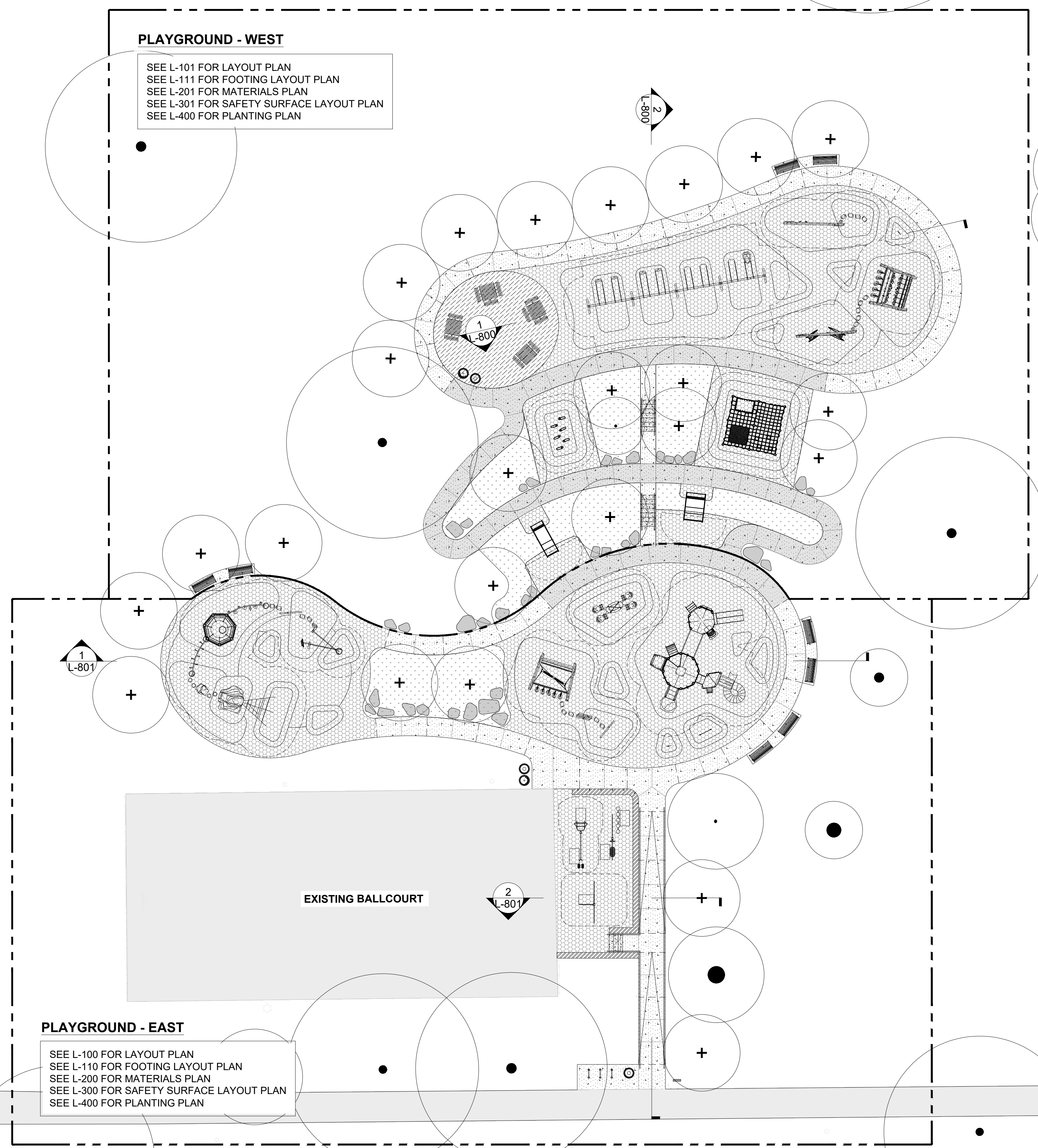
TREE PROTECTION NOTES:

- THE CRZ IS THE AREA SURROUNDING A TREE EQUAL TO A DISTANCE OF ONE (1) FOOT RADIUS FOR EACH ONE (1) INCH DIAMETER OF THE ADJACENT TREE, MEASURED AT BRESTA HEIGHT (DBH).
- UNDER NO CIRCUMSTANCES WILL DESIGN BE ALLOWED TO IMPACT THE PROHIBITED ROOT ZONE (PRZ). THE PRZ IS THE AREA SURROUNDING A TREE EQUAL TO A DISTANCE OF ONE-HALF (1/2) FOOT RADIUS FOR EACH ONE (1) INCH DIAMETER OF THE ADJACENT TREE, MEASURED AT BRESTA HEIGHT (DBH).
- HIGH PRIORITY REMOVALS (A) ARE THOSE THAT POSE AN IMMEDIATE RISK DUE TO THEIR STRUCTURAL CONDITION, LOCATION NEAR HIGH-TRAFFIC AREAS OR VALUABLE STRUCTURES. THEY SHOULD BE ADDRESSED AS SOON AS POSSIBLE.
- INTERMEDIATE PRIORITY (B) REMOVALS INCLUDE TREES WITH DEFECTS, SUCH AS DEAD OR DYING TREES, THAT CAN FALL ONTO LESS USED AREAS. THESE SHOULD BE REMOVED WITH ONE YEAR.
- LOW PRIORITY (C) REMOVALS INCLUDE DEAD AND/OR SMALLER TREES OR OTHER TREES LIKELY TO FALL COMPLETELY WITHIN PRESENTLY INFREQUENTLY-USED AREAS. SINCE THIS LARGELY AFFECTS AESTHETICS, THE PARK'S DECISION-MAKERS SHOULD BUDGET FOR AND DETERMINE WHEN THESE TREES SHOULD BE REMOVED.

SEDGLEY DRIVE

PLAYGROUND - WEST

SEE L-101 FOR LAYOUT PLAN
 SEE L-111 FOR FOOTING LAYOUT PLAN
 SEE L-201 FOR MATERIALS PLAN
 SEE L-301 FOR SAFETY SURFACE LAYOUT PLAN
 SEE L-400 FOR PLANTING PLAN



PLAYGROUND - EAST

SEE L-100 FOR LAYOUT PLAN
 SEE L-110 FOR FOOTING LAYOUT PLAN
 SEE L-200 FOR MATERIALS PLAN
 SEE L-300 FOR SAFETY SURFACE LAYOUT PLAN
 SEE L-400 FOR PLANTING PLAN

EXISTING BALLCOURT

LEGEND

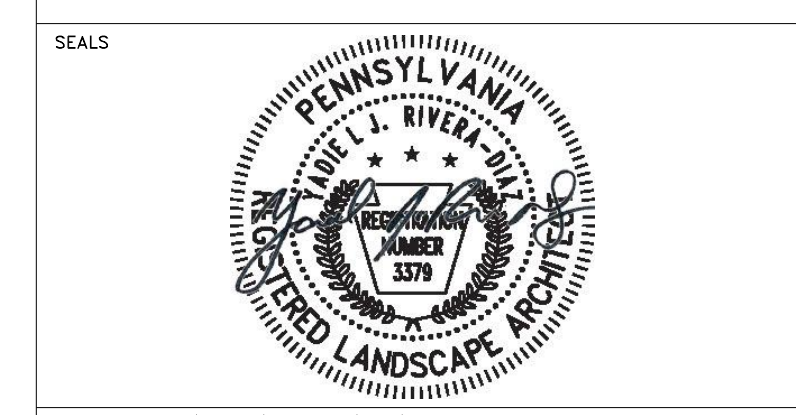
- PROPOSED TREE
- EXISTING TREE
- C.I.P. CONCRETE PAVING
- RUBBER SAFETY SURFACE
- C.I.P. CONCRETE STAIRS
- POROUS C.I.P. CONCRETE PAVING
- COLORED POROUS C.I.P. CONCRETE PAVING
- GRASSES PLANTING
- C.I.P. CONCRETE SEATING WALL
- HANDRAIL
- EXPANSION JOINT
- CONTROL JOINT
- PLAY EQUIPMENT
- FALL ZONE
- ADA ACCESSIBLE PICNIC TABLE SET
- BENCH
- BOULDERS
- BIKE RACKS
- TRASH RECEPTACLES
- PPR STANDARD SIGNAGE

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doylestown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

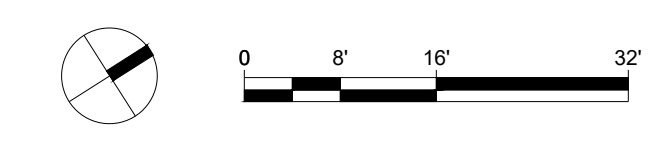
CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA, PENNSYLVANIA

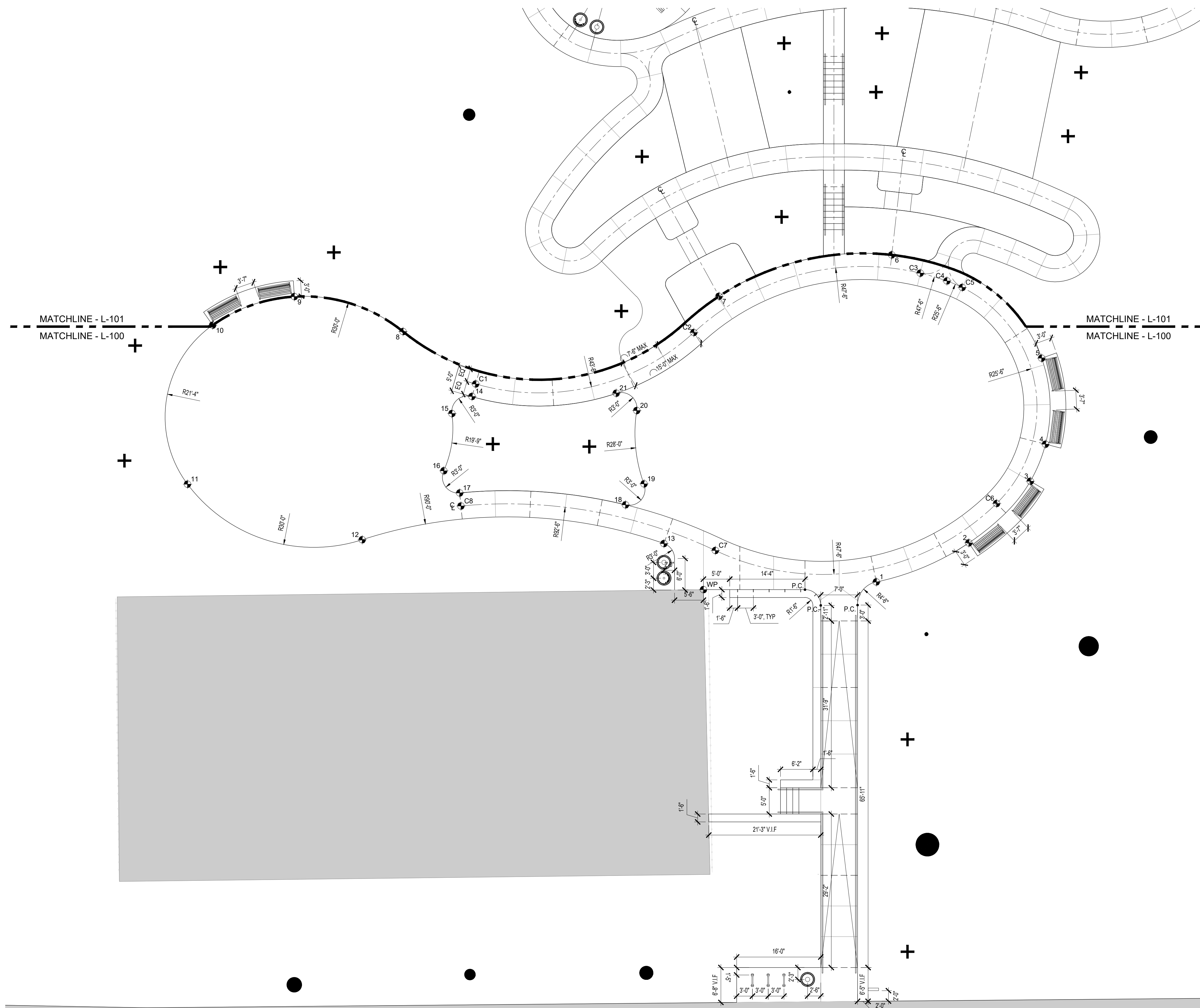
PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
KEY PLAN

PROJECT NO. 16-25-7259-01	DRAWING NO. L-002
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.





LEGEND

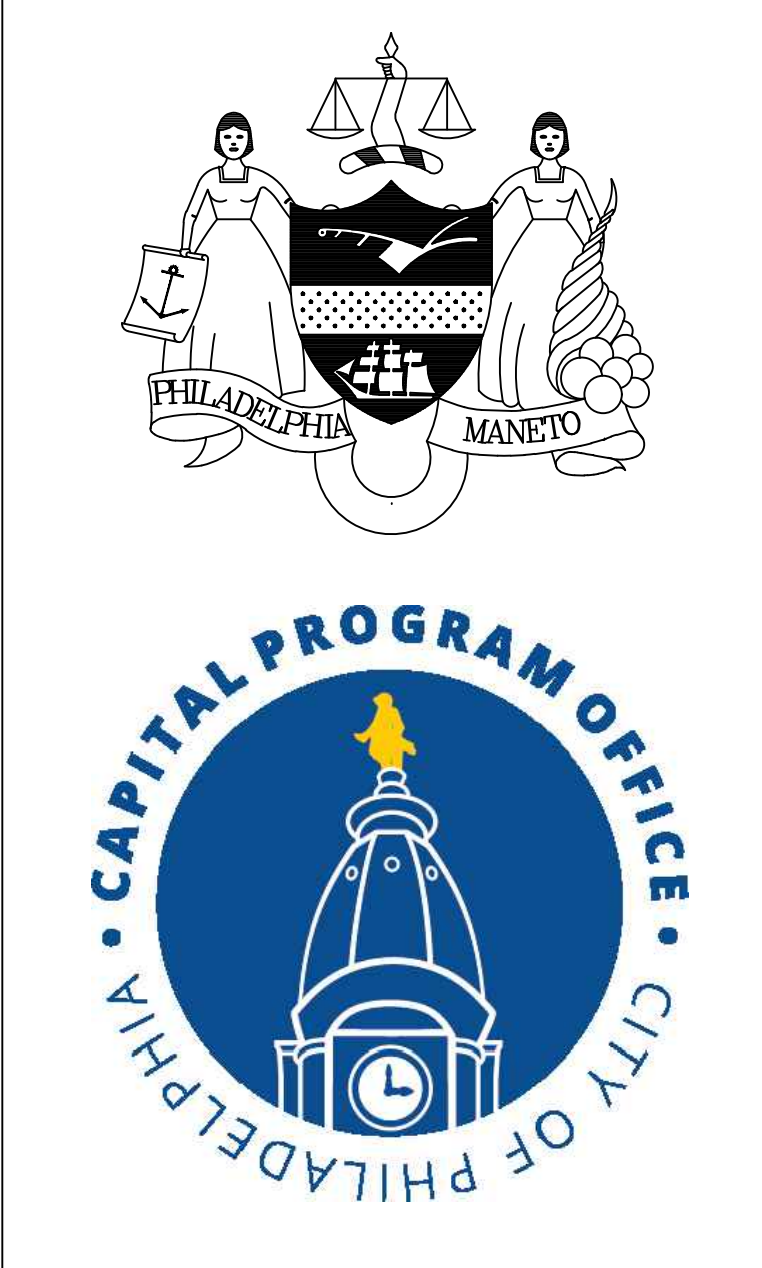
- PROPOSED TREE
- EXISTING TREE
- 01/02 L-902 HANDRAIL
- 02 L-900 EXPANSION JOINT
- 01 L-900 CONTROL JOINT
- 02 L-905 ADA ACCESSIBLE PICNIC TABLE SET
- 01 L-905 BENCH
- 03 L-905 BIKE RACKS
- 04 L-905 TRASH RECEPTACLES
- 01 L-906 PPR STANDARD SIGNAGE

LAYOUT COORDINATE SCHEDULE		
#	X COORDINATE	Y COORDINATE
C1	32238538.766	2921216.700
C2	32238707.775	2921699.822
C3	32238871.852	2922208.434
C4	32238919.599	2922249.916
C5	32238950.842	2922271.551
C6	32239408.855	2922072.034
C7	32239153.804	2921473.232
C8	32238755.623	2921038.474
1	32239412.142	2921744.166
2	32239450.506	2921970.098
3	32239407.627	2922164.261
4	32239354.951	2922337.205
5	32239184.555	2922337.205
6	32238801.693	2922175.900
7	32238669.022	2921792.907
8	32238348.754	2921141.522
9	32238147.747	2920975.258
10	32238102.516	2920783.207
11	32238377.606	2920539.335
12	32238699.213	2920807.030
13	32239077.294	2921382.808
14	32238558.294	2921194.520
15	32238566.564	2921134.823
16	32238666.730	2921048.824
17	32238728.907	2921052.131
18	32238955.555	2921356.559
19	32238938.390	2921417.724
20	32238788.323	2921493.861
21	32238729.574	2921475.530

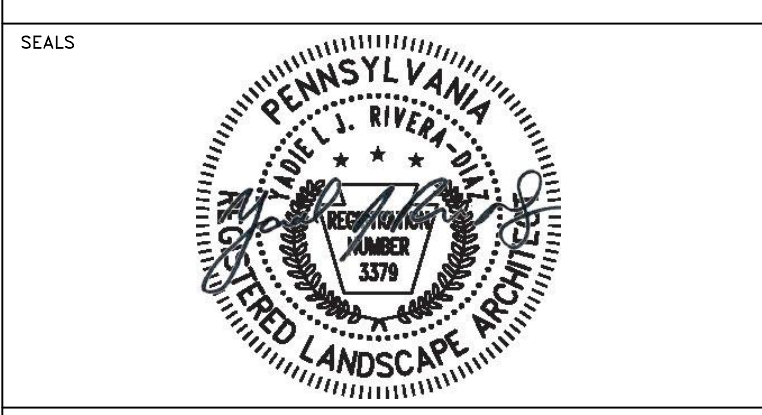
NOTES:

- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE CAST-IN-PLACE CONCRETE PATH JOINTS LAYOUT FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION.

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doyletown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE

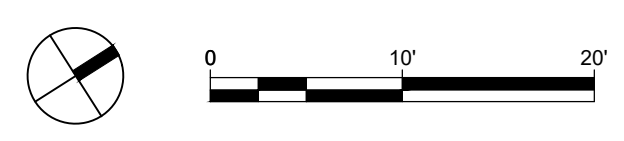
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

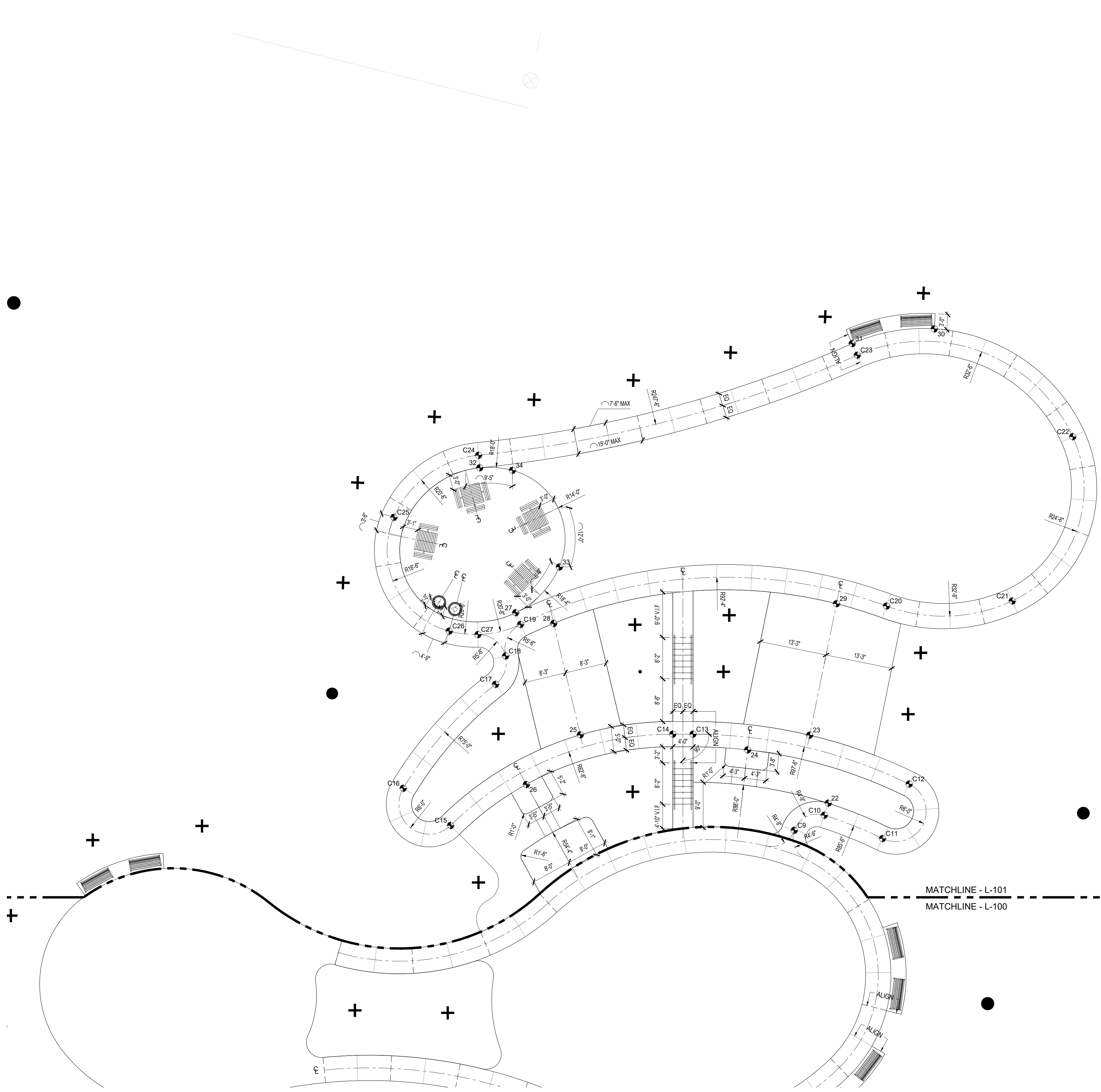
DRAWING TITLE
LAYOUT PLAN - PLAYGROUND - EAST

PROJECT NO. 16-25-7259-01	DRAWING NO. L-100
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

01 LAYOUT PLAN - PLAYGROUND - EAST
1" = 10'-0"



NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



LEGEND

- PROPOSED TREE
- EXISTING TREE
- 01/02 L-902 HANDRAIL
- 02 L-900 EXPANSION JOINT
- 01 L-900 CONTROL JOINT
- 02 L-905 ADA ACCESSIBLE PICNIC TABLE SET
- 01 L-905 BENCH
- 03 L-905 BIKE RACKS
- 04 L-905 TRASH RECEPTACLES
- 01 L-906 PPR STANDARD SIGNAGE

LAYOUT COORDINATE SCHEDULE		
#	X COORDINATE	Y COORDINATE
C9	32238876.675	2922284.770
C10	32238801.693	2922364.138
C11	32239005.965	2922450.808
C12	32238930.867	2922573.673
C13	32238555.013	2922205.199
C14	32238529.172	2922164.748
C15	32238428.009	2921603.799
C16	32238293.042	2921556.476
C17	32238203.120	2921873.944
C18	32238159.038	2921930.238
C19	32238115.155	2922000.363
C20	32238545.916	2922755.827
C21	32238696.552	2923014.054
C22	32238445.082	2923344.707
C23	32238006.733	2923017.750
C24	32237723.110	2922132.683
C25	32237739.082	2921883.905
C26	32238037.390	2921849.087
C27	32238080.944	2921902.302
22	32238865.695	2922387.202
23	32238705.977	2922437.150
24	32238656.251	2922294.217
25	32238412.266	2921978.879
26	32238442.737	2921807.535
27	32238085.542	2922005.430
28	32238155.572	2922068.011
29	32238477.418	2922658.678
30	32238052.581	2923205.446
31	32237977.083	2923022.323
32	32237723.110	2922132.683
33	32238049.887	2922151.604
34	32237796.696	2922181.248

NOTES:

- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE CAST-IN-PLACE CONCRETE PATH JOINTS LAYOUT FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION.

01 LAYOUT PLAN - PLAYGROUND - WEST
1" = 10'-0"

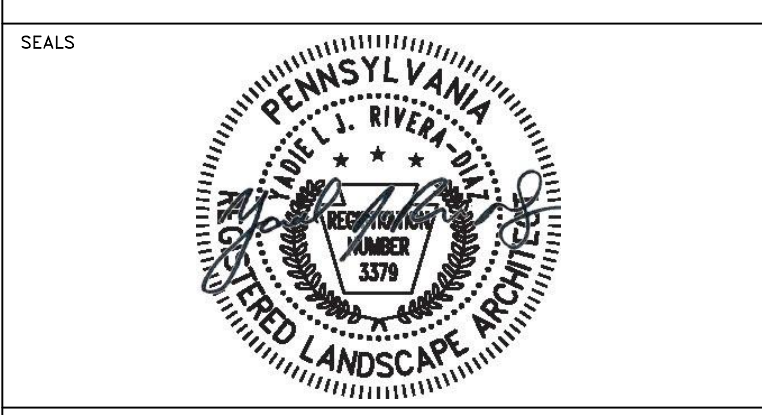


REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

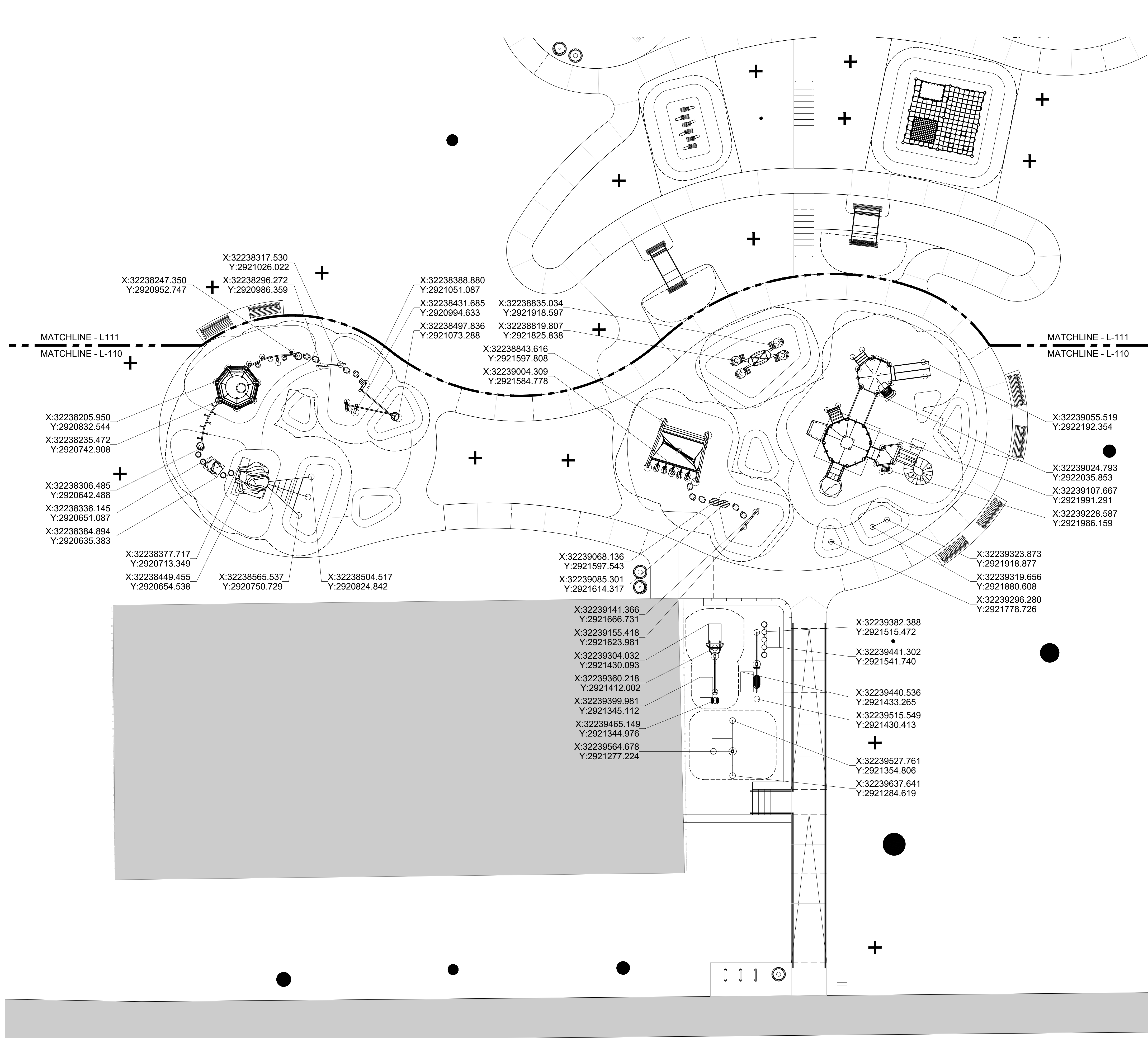
CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
LAYOUT PLAN - PLAYGROUND - WEST

PROJECT NO. 16-25-7259-01	DRAWING NO. L-101
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

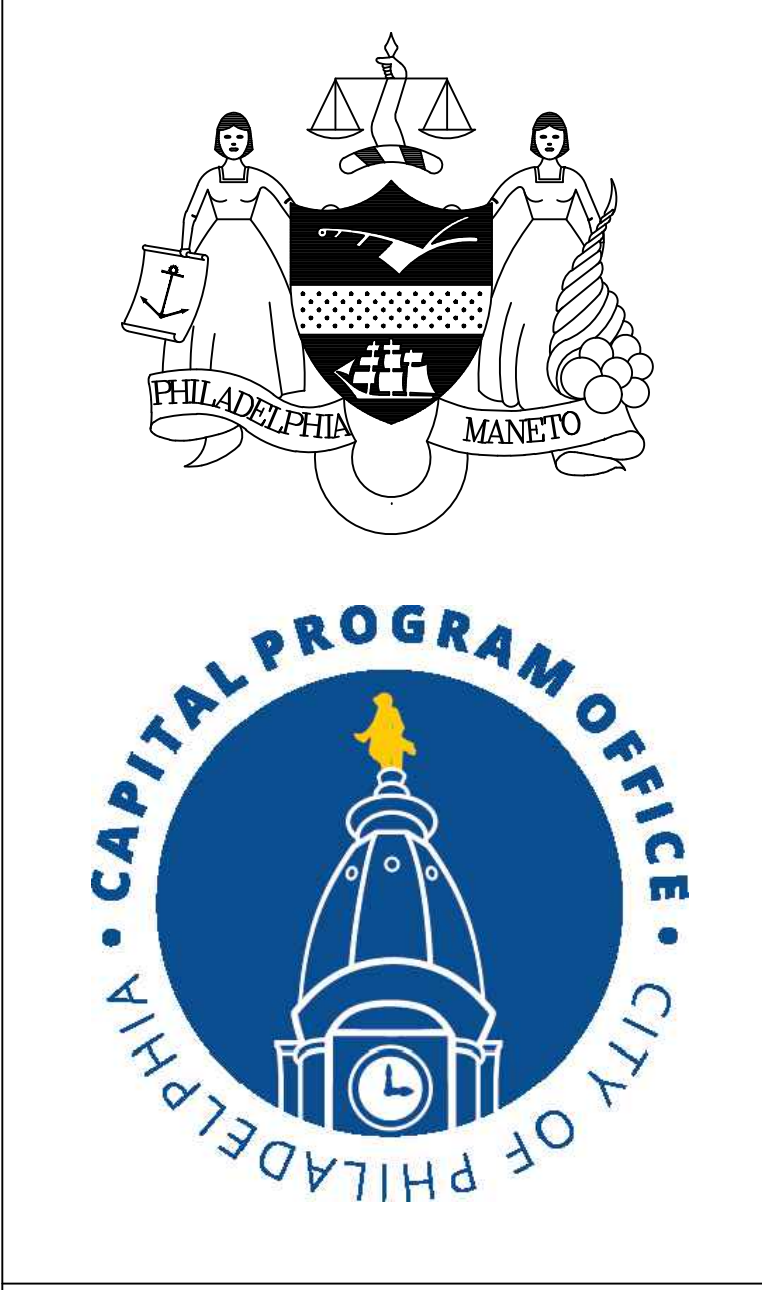


- LEGEND**
- PROPOSED TREE
 - EXISTING TREE
 - 01/02 L-902 HANDRAIL
 - 02 L-900 EXPANSION JOINT
 - 01 L-900 CONTROL JOINT
 - PLAY EQUIPMENT
 - FALL ZONE
 - 02 L-905 ADA ACCESSIBLE PICNIC TABLE SET
 - 01 L-905 BENCH
 - 03 L-905 BIKE RACKS
 - 04 L-905 TRASH RECEPTACLES
 - 01 L-906 PPR STANDARD SIGNAGE

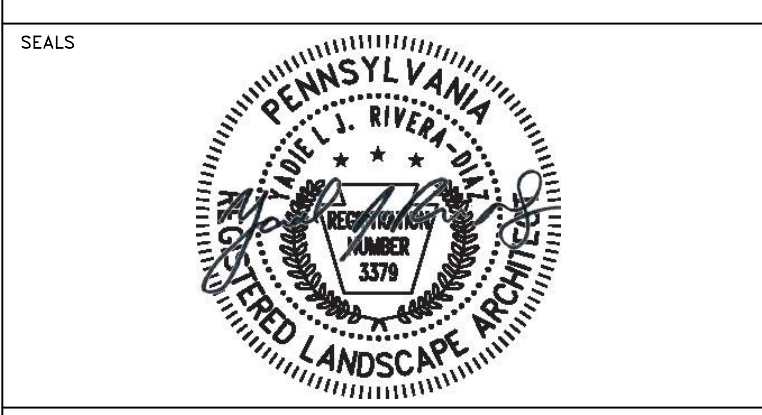
NOTES:

- ALL EQUIPMENT SHALL INCLUDE A PACKET OF ORDER-SPECIFIC, STEP-BY-STEP INSTRUCTIONS FOR ASSEMBLY OF EACH COMPONENT, INCLUDING EQUIPMENT ASSEMBLY DIAGRAMS, ESTIMATED HOURS FOR ASSEMBLY, FOOTING DIMENSIONS, CONCRETE QUANTITY FOR DIRECT BURY COMPONENTS, FALL HEIGHT INFORMATION, AND AREA REQUIRED INFORMATION. CONTRACTOR TO PROVIDE ALL FALL ZONE DIMENSIONS, PRIOR TO INSTALLATION. PRIOR TO THE INSTALLATION, FOR LANDSCAPE ARCHITECT TO VERIFY SAFETY OFFSETS ARE COMPLIANT WITH DRAWINGS AND EQUIPMENT.

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doyletown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

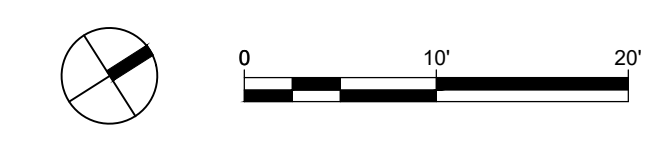
DRAWING TITLE

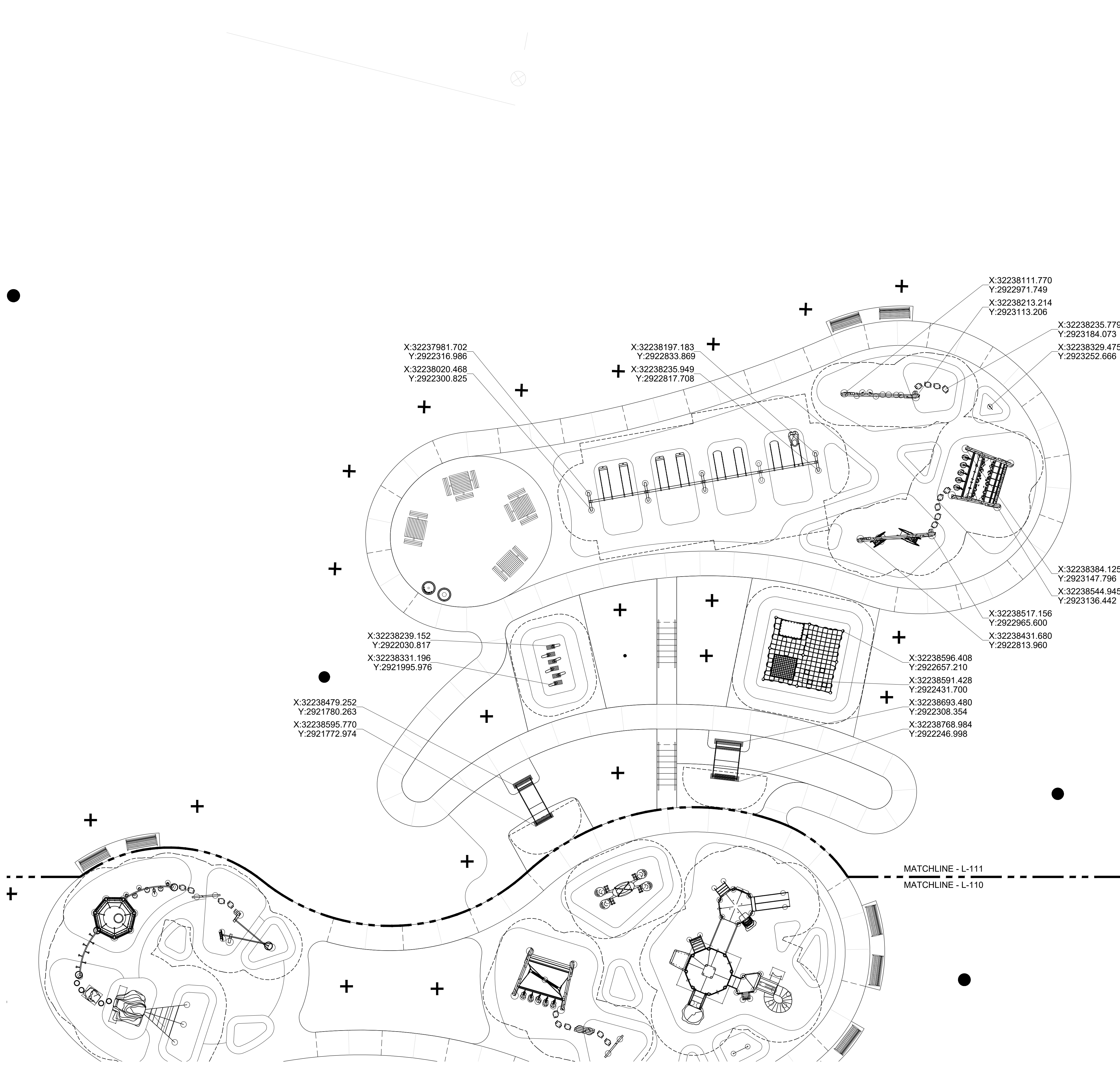
**FOOTING LAYOUT PLAN -
PLAYGROUND - EAST**

PROJECT NO. 16-25-7259-01	DRAWING NO. L-110
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

01 FOOTING LAYOUT PLAN - PLAYGROUND - EAST
1" = 10'-0"





LEGEND

- PROPOSED TREE
- EXISTING TREE
- 01/02 L-902 HANDRAIL
- 02 L-900 EXPANSION JOINT
- 01 L-900 CONTROL JOINT
- PLAY EQUIPMENT
- FALL ZONE
- 02 L-905 ADA ACCESSIBLE PICNIC TABLE SET
- 01 L-905 BENCH
- 03 L-905 BIKE RACKS
- 04 L-905 TRASH RECEPTACLES
- 01 L-906 PPR STANDARD SIGNAGE

NOTES:

1. ALL EQUIPMENT SHALL INCLUDE A PACKET OF ORDER-SPECIFIC, STEP-BY-STEP INSTRUCTIONS FOR ASSEMBLY OF EACH COMPONENT, INCLUDING EQUIPMENT ASSEMBLY DIAGRAMS, ESTIMATED HOURS FOR ASSEMBLY, FOOTING DIMENSIONS, CONCRETE QUANTITY FOR DIRECT BURY COMPONENTS, FALL HEIGHT INFORMATION, AND AREA REQUIRED INFORMATION. CONTRACTOR TO PROVIDE ALL FALL ZONE DIMENSIONS, PRIOR TO INSTALLATION. PRIOR TO THE INSTALLATION, FOR LANDSCAPE ARCHITECT TO VERIFY SAFETY OFFSETS ARE COMPLIANT WITH DRAWINGS AND EQUIPMENT.

X:32237981.702
Y:2922316.986
X:32238020.468
Y:2922300.825

X:32238197.183
Y:2922833.869
X:32238235.949
Y:2922817.708

X:32238111.770
Y:2922971.749
X:32238213.214
Y:2923113.206

X:32238235.779
Y:2923184.073
X:32238329.475
Y:2923252.666

X:32238384.125
Y:2923147.796
X:32238544.945
Y:2923136.442

X:32238517.156
Y:2922965.600
X:32238431.680
Y:2922813.960

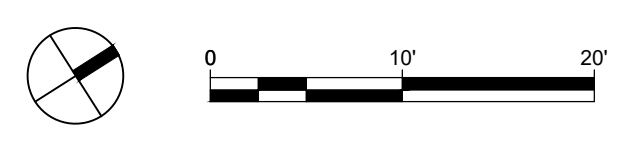
X:32238596.408
Y:2922657.210
X:32238591.428
Y:2922431.700
X:32238693.480
Y:2922308.354
X:32238768.984
Y:2922246.998

X:32238239.152
Y:2922030.817
X:32238331.196
Y:2921995.976

X:32238479.252
Y:2921780.263
X:32238595.770
Y:2921772.974

MATCHLINE - L-111
MATCHLINE - L-110

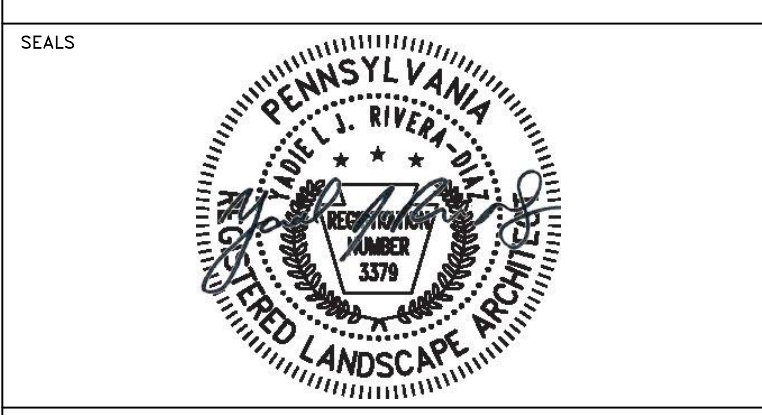
01 FOOTING LAYOUT PLAN - PLAYGROUND - WEST
1" = 10'-0"



REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

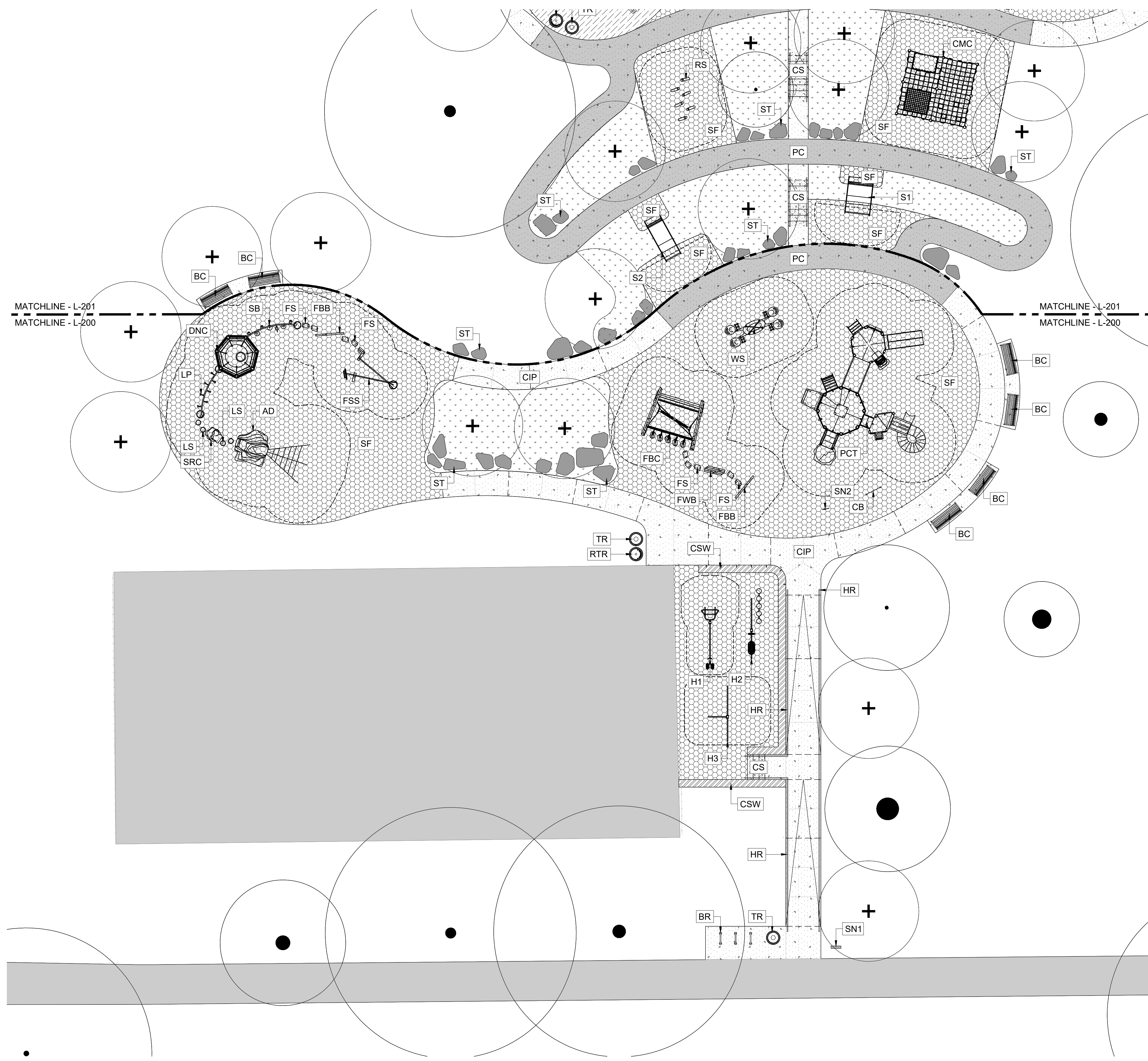
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
**FOOTING LAYOUT PLAN -
PLAYGROUND - WEST**

PROJECT NO. 16-25-7259-01	DRAWING NO. L-111
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

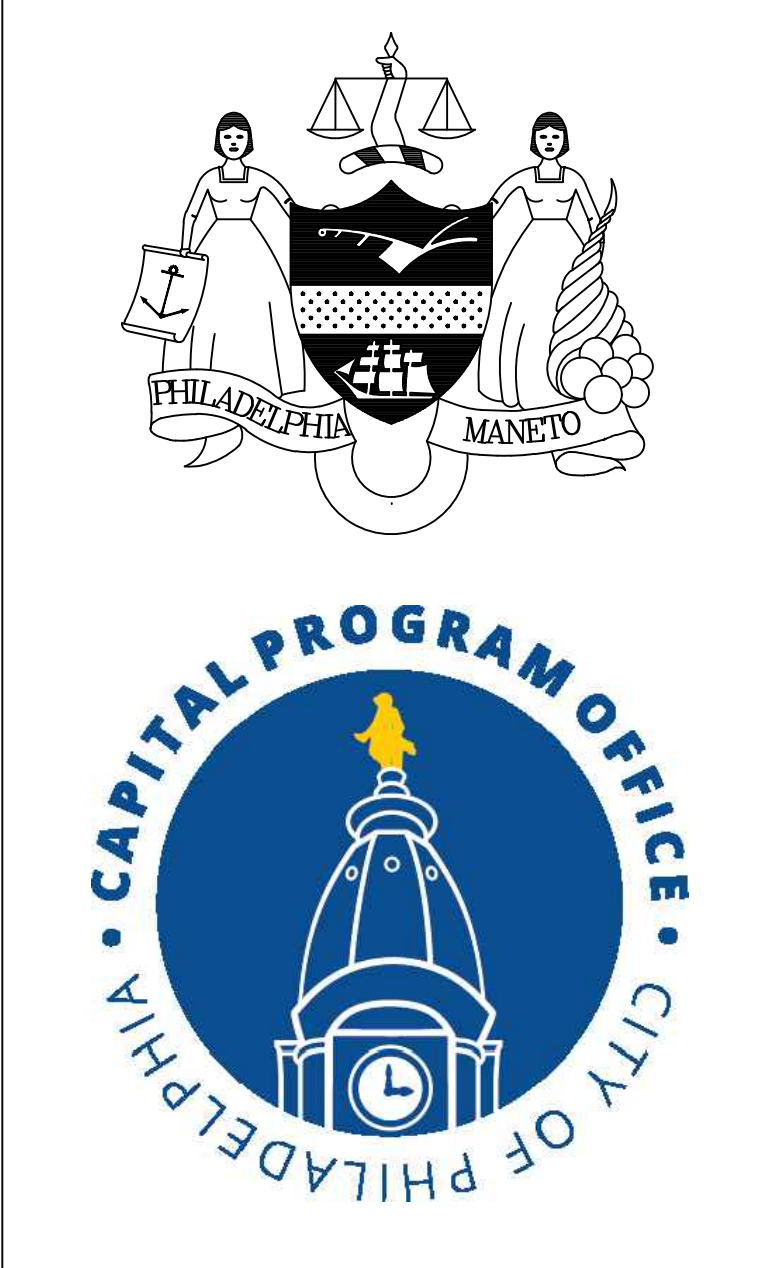


LEGEND

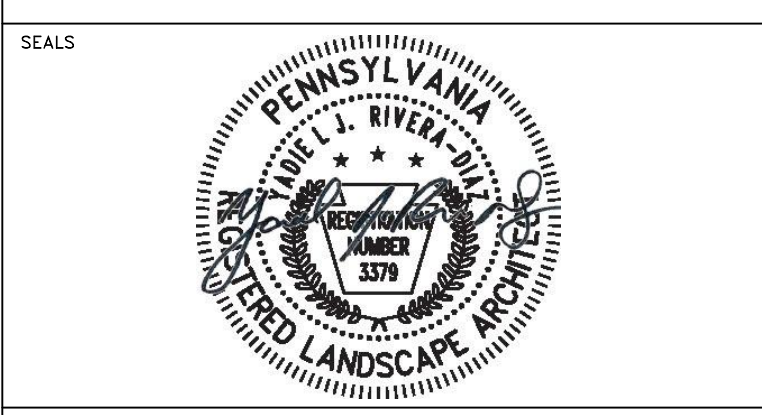
- PROPOSED TREE
- EXISTING TREE
- 01/02 L-900 C.I.P. CONCRETE PAVING
- 03 L-900 RUBBER SAFETY SURFACE
- 01 L-903 C.I.P. CONCRETE STAIRS
- 05 L-900 POROUS C.I.P. CONCRETE PAVING
- 05 L-900 COLORED POROUS C.I.P. CONCRETE PAVING
- 03 L-907 GRASSES PLANTING
- 03 L-901 C.I.P. CONCRETE SEATING WALL
- 01/02 L-902 HANDRAIL
- 02 L-900 EXPANSION JOINT
- 01 L-900 CONTROL JOINT
- PLAY EQUIPMENT
- FALL ZONE
- 02 L-905 ADA ACCESSIBLE PICNIC TABLE SET
- 01 L-905 BENCH
- 05 L-901 BOULDERS
- 03 L-905 BIKE RACKS
- 04 L-905 TRASH RECEPTACLES
- 01 L-906 PPR STANDARD SIGNAGE

01 MATERIAL PLAN - PLAYGROUND - EAST
1" = 10'-0"

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR **PRIYANKA MALIK**



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doyletstown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

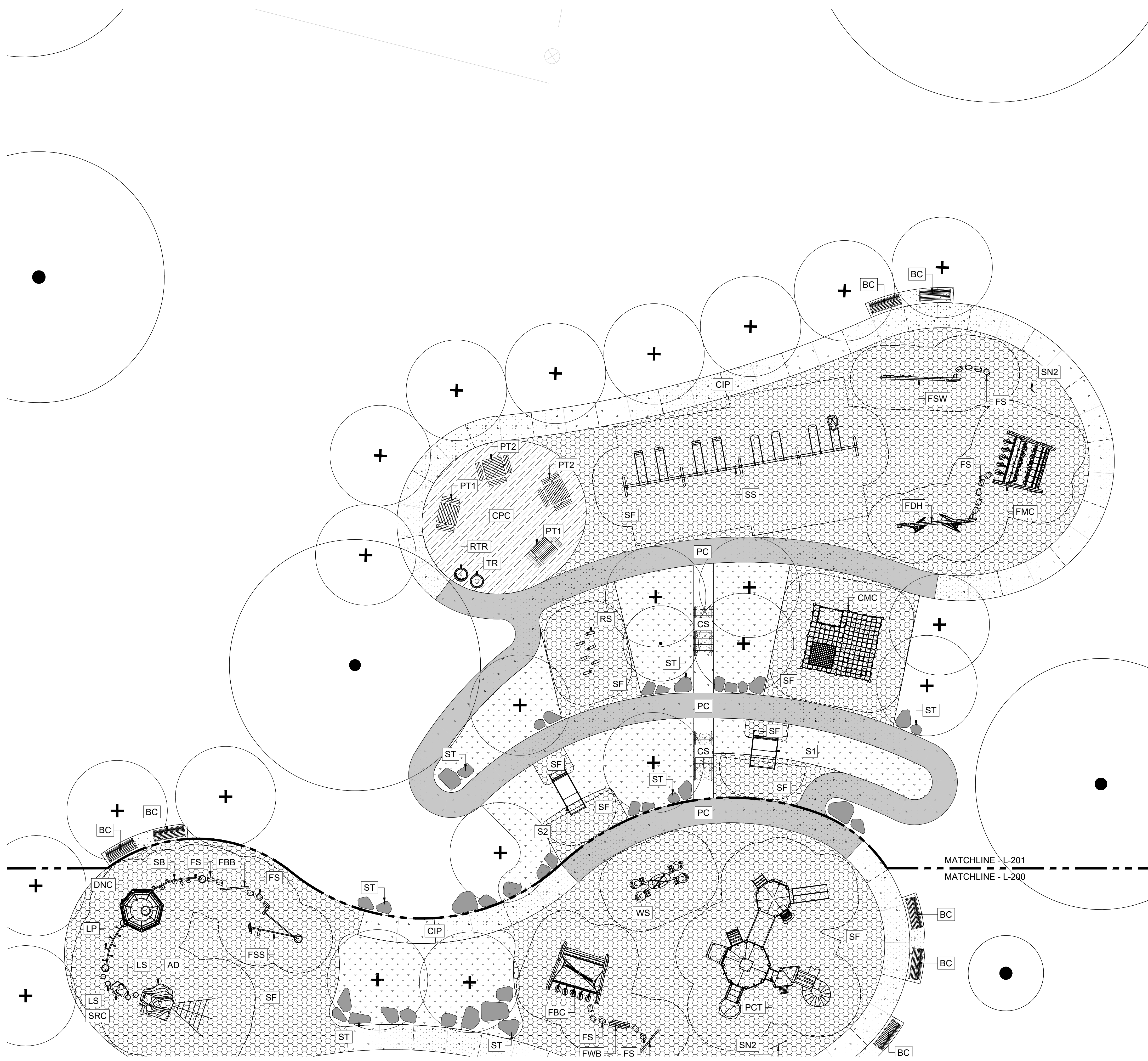
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
MATERIALS PLAN - PLAYGROUND - EAST

PROJECT NO. 16-25-7259-01	DRAWING NO. L-200
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



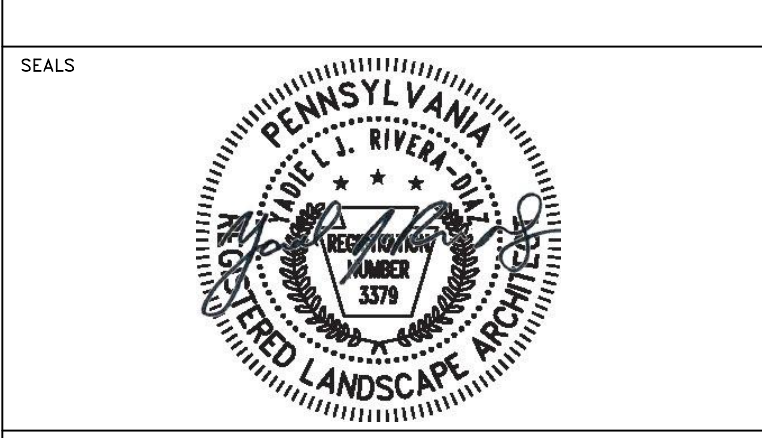
LEGEND

- PROPOSED TREE
- EXISTING TREE
- 01/02 L-900 C.I.P. CONCRETE PAVING
- 03 L-900 RUBBER SAFETY SURFACE
- 01 L-903 C.I.P. CONCRETE STAIRS
- 05 L-900 POROUS C.I.P. CONCRETE PAVING
- 05 L-900 COLORED POROUS C.I.P. CONCRETE PAVING
- 03 L-907 GRASSES PLANTING
- 03 L-901 C.I.P. CONCRETE SEATING WALL
- 01/02 L-902 HANDRAIL
- 02 L-900 EXPANSION JOINT
- 01 L-900 CONTROL JOINT
- PLAY EQUIPMENT
- FALL ZONE
- 02 L-905 ADA ACCESSIBLE PICNIC TABLE SET
- 01 L-905 BENCH
- 05 L-901 BOULDERS
- 03 L-905 BIKE RACKS
- 04 L-905 TRASH RECEPTACLES
- 01 L-906 PPR STANDARD SIGNAGE

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doyletown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

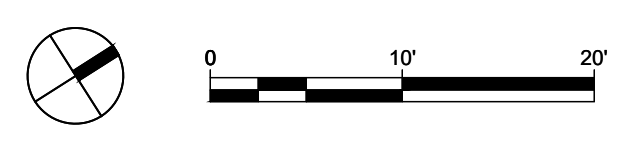
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
**MATERIALS PLAN -
PLAYGROUND - WEST**

PROJECT NO. 16-25-7259-01	DRAWING NO. L-201
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

01 MATERIAL PLAN - PLAYGROUND - WEST
1" = 10'-0"



NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



MATERIALS AND FURNISHING SCHEDULE				
KEY	SYMBOL	DESCRIPTION	DETAIL	COLOR/FINISH
CIP		CAST IN PLACE CONCRETE PAVING	L-900-01/02	LIGHT GRAY W/FINE AGGREGATE
SF		POURED IN PLACE SAFETY SURFACE	L-900-03	SEE L-300/301
CS		CAST IN PLACE CONCRETE SATIRS	L-903-01	LIGHT GRAY W/FINE AGGREGATE
PC		PROROUS C.I.P. CONCRETE PAVING	L-900-05	LIGHT GRAY W/FINE AGGREGATE
CPC		COLORED PROROUS C.I.P. CONCRETE PAVING	L-900-05	LAKESIDE BROWN 6804
GR		GRASSES PLANTING	L-907-03	N/A
CSW		C.I.P. CONCRETE SEATING WALL	C-210-03	LIGHT GRAY
HR		HANDRAIL	L-902/903-01	STAINLESS STEEL
BC		BENCH	L-905-01	3 ARMS, IPE TOPPING BLACK FINISH
PT1		ADA PICNIC TABLE, 2-SEAT	L-905-02	IPE TOPPING, BLACK FINISH
PT2		ADA PICNIC TABLE, 3-SEAT	L-905-02	IPE TOPPING, BLACK FINISH
ST		LANDSCAPE STONES	L-901-05	N/A
BR		BIKE RACK	L-905-03	SURFACE MOUNTING, BLACK FINISH
RTR		RECYCLING TRASH RECEPTACLE	L-905-04	32 GALLON, BLUE FINISH
TR		TRASH RECEPTACLE	L-905-04	32 GALLON, BLACK FINISH
SN		PLAYGROUND SIGNAGE	L-906-01	PID.4, SEE PPR STANDARD

NOTES:

1. ALL THE PLAY EQUIPMENTS IDENTIFIED IN THE PLAY EQUIPMENT SCHEDULE SHALL BE PURCHASED DIRECTLY BY THE CITY OF PHILADELPHIA. INSTALLATION SHALL BE PERFORMED BY THE CONTRACTOR.
2. THE BENCH, ADA PICNIC TABLE SETS, BIKE RACK, AND TRASH RECEPTACLE IDENTIFIED IN THE MATERIALS AND FURNISHING SCHEDULE SHALL BE PURCHASED DIRECTLY BY THE CITY OF PHILADELPHIA. INSTALLATION SHALL BE PERFORMED BY THE CONTRACTOR.


PLAY EQUIPMENT SCHEDULE					
KEY	SYMBOL	DESCRIPTION	MANUFACTURER	QUANTITY	
FS		FOOTPRINT STEPPER	LANDSCAPE STRUCTURES	18	
LS		LOG STEPPER	LANDSCAPE STRUCTURES	4	
FSW		FOCAL SENSORY WALL	LANDSCAPE STRUCTURES	1	
FDH		FOX DEN HANGOUTS	LANDSCAPE STRUCTURES	1	
FMC		FOXTROT MULTI-CLIMBER	LANDSCAPE STRUCTURES	1	
SS		CUSTOM SWING SET	LANDSCAPE STRUCTURES	1	
WS		WE-SAW	LANDSCAPE STRUCTURES	1	
FBB		FOOTPRINT BALANCE BEAM	LANDSCAPE STRUCTURES	2	
FWB		FOOTPRINT WOBBLE BOUNCER	LANDSCAPE STRUCTURES	1	
FBC		FOLIO BALANCE CLIMBER DB	LANDSCAPE STRUCTURES	1	
FSS		FORMA SOL SPINNER	LANDSCAPE STRUCTURES	1	
EP		E-POD/SEAT	LANDSCAPE STRUCTURES	1	
SB		SWIGGLEKNOTS BRIDGE NO DECK	LANDSCAPE STRUCTURES	1	
DNC		DISC NET CLIMBER 7 POST	LANDSCAPE STRUCTURES	1	
LP		LOLLOLADDER W/(2) E-PODS	LANDSCAPE STRUCTURES	1	
SRC		STEPPER ROCK CLIMBER	LANDSCAPE STRUCTURES	1	
AD		ADVENTURESAPES DESIGN	LANDSCAPE STRUCTURES	1	
PCT		PLAYBOOSTER CUSTOM TOWER	LANDSCAPE STRUCTURES	1	
H1		HEALTHBEAT AB CRUNCH/LEG LIFT AND STRETCH	LANDSCAPE STRUCTURES	1	
H2		HEALTHBEAT PULL-UP/DIP W/ BALANCE STEPS	LANDSCAPE STRUCTURES	1	
H3		HEALTHBEAT ASSISED ROW/PUSH-UP	LANDSCAPE STRUCTURES	1	
CMC		COROCORD MEMBRANE CLIMBER	KOMPAN	1	
S1		EMBANKMENT STEEL SLIDE 3FT HIGH, 5FT WIDE	KOMPAN	1	
S2		EMBANKMENT STEEL SLIDE 5FT HIGH, 3FT WIDE	KOMPAN	1	
RS		ROBINIA STILTS	KOMPAN	1	

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	

PROJECT COORDINATOR: PRIYANKA MALIK

SEALS



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

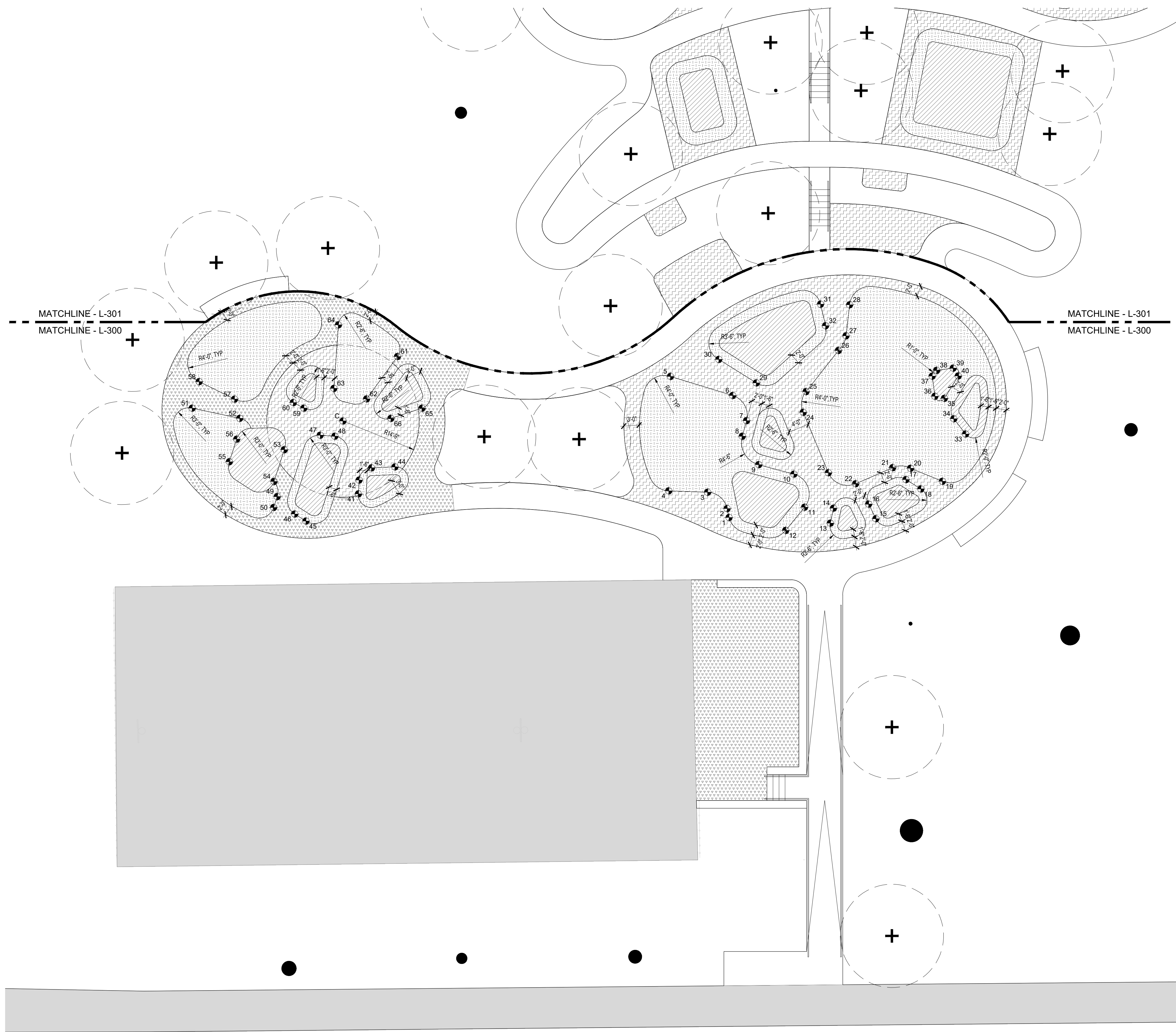
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
MATERIALS SCHEDULE

PROJECT NO. 16-25-7259-01	DRAWING NO.
DATE 03/04/2026	L-210
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



LEGEND

-  BR BROWN COLORED RUBBER SAFETY SURFACE - 60% BROWN + 20% BEIGE + 20% BLACK
-  BE BEIGE COLORED RUBBER SAFETY SURFACE - 60% BEIGE + 20% EGGHELL + 20% BLACK
-  EG EGGHELL COLORED RUBBER SAFETY SURFACE - 60% EGGHELL + 20% PEARL + 20% BLACK
-  GR GRAY COLORED RUBBER SAFETY SURFACE - 60% ASH GRAY + 20% LIGHT GRAY + 20% BLACK

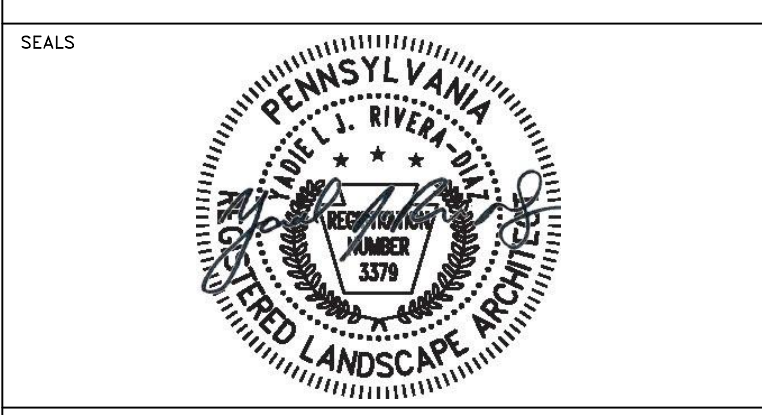
SAFETY SURFACE COORDINATE SCHEDULE		
#	X COORDINATE	Y COORDINATE
1	32239139.162	2921553.454
2	32239119.504	2921560.744
3	32239063.006	2921543.138
4	32239011.712	2921468.883
5	32238789.959	2921615.154
6	32238905.037	2921712.969
7	32238971.585	2921708.746
8	32238996.842	2921681.060
9	32239073.084	2921677.490
10	32239135.615	2921734.535
11	32239213.528	2921714.174
12	32239235.178	2921648.310
13	32239276.864	2921744.522
14	32239251.389	2921769.372
15	32239325.083	2921839.134
16	32239287.480	2921843.461
17	32239286.139	2921946.998
18	32239323.162	2921964.436
19	32239335.148	2922016.247
20	32239269.829	2921970.160
21	32239246.193	2921935.718
22	32239231.476	2921843.498
23	32239175.759	2921803.789
24	32239026.135	2921830.022
25	32238989.105	2921861.484
26	32238949.129	2921976.023
27	32238929.856	2922009.571
28	32238873.649	2922055.304
29	32238909.958	2921775.094
30	32238816.980	2921731.016
31	32238836.158	2921999.044
32	32238884.668	2921982.213
33	32239271.487	2922120.724
34	32239226.944	2922116.653
35	32239175.153	2922123.806
36	32239159.308	2922107.796
37	32239116.521	2922127.729
38	32239110.715	2922143.683
39	32239127.073	2922178.797
40	32239148.756	2922178.932
41	32238629.727	2920857.718
42	32238603.674	2920876.329
43	32238595.196	2920915.849
44	32238622.588	2920962.885
45	32238617.509	2920721.130
46	32238589.613	2920707.952
47	32238467.024	2920856.178
48	32238487.480	2920883.840
49	32238533.585	2920695.543
50	32238550.453	2920675.051
51	32238254.285	2920639.686
52	32238333.644	2920720.049
53	32238450.613	2920768.018
54	32238499.874	2920708.174
55	32238405.559	2920645.461
56	32238370.548	2920687.994
57	32238289.563	2920733.790
58	32238211.111	2920686.469
59	32238393.941	2920858.193
60	32238369.542	2920844.335
61	32238409.874	2921105.701
62	32238454.124	2920992.501
63	32238392.548	2920941.678
64	32238274.111	2921030.008
65	32238541.609	2921089.506
66	32238522.743	2921015.717
C	32238467.947	2920918.676

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

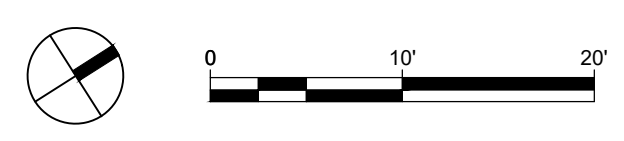
PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

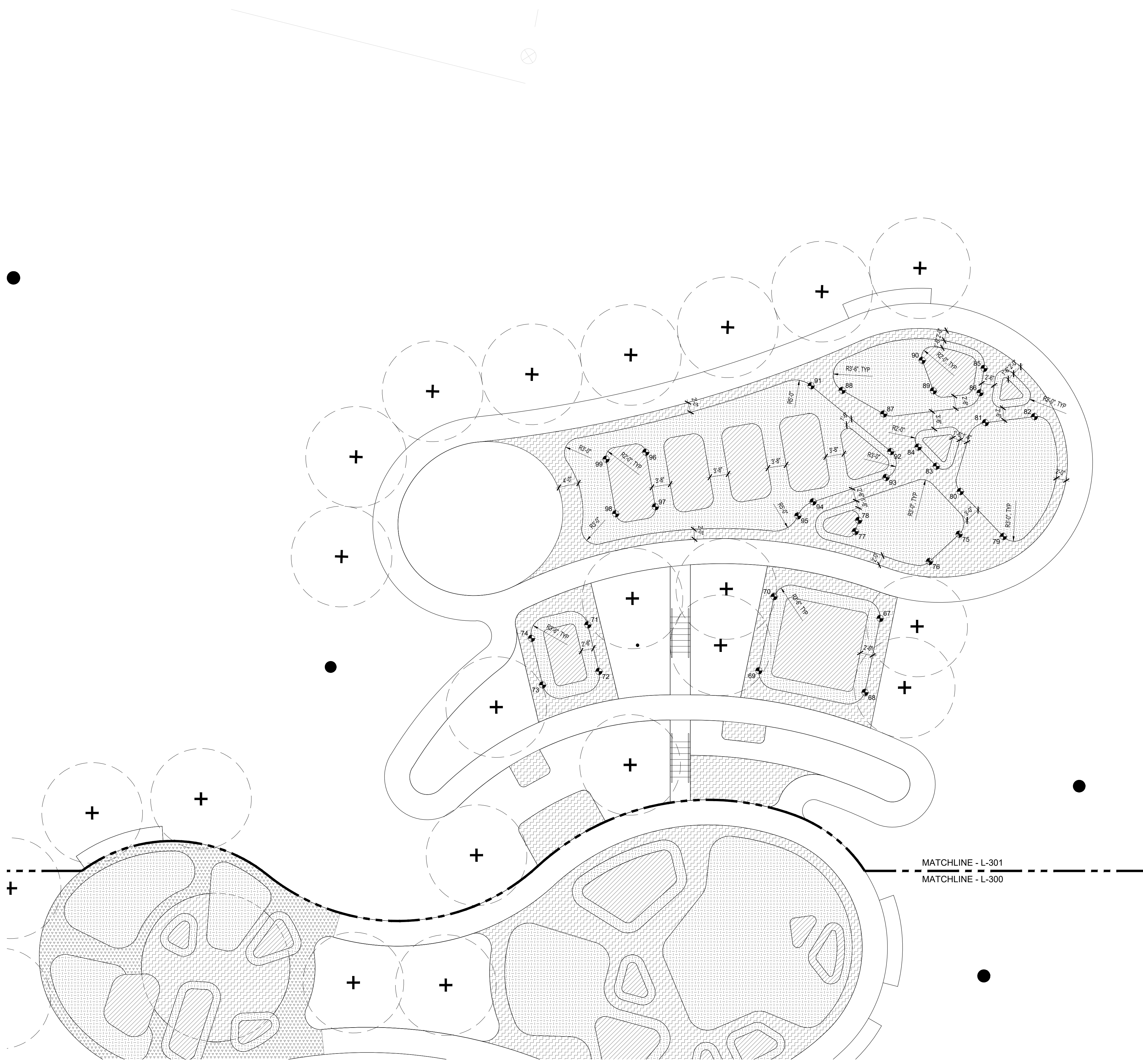
DRAWING TITLE
SAFETY SURFACE LAYOUT PLAN - PLAYGROUND - EAST

PROJECT NO. 16-25-7259-01	DRAWING NO. L-300
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

01 SAFETY SURFACE LAYOUT PLAN - PLAYGROUND - EAST
 1" = 10'-0"





01 SAFETY SURFACE LAYOUT PLAN - PLAYGROUND - WEST
1" = 10'-0"

LEGEND

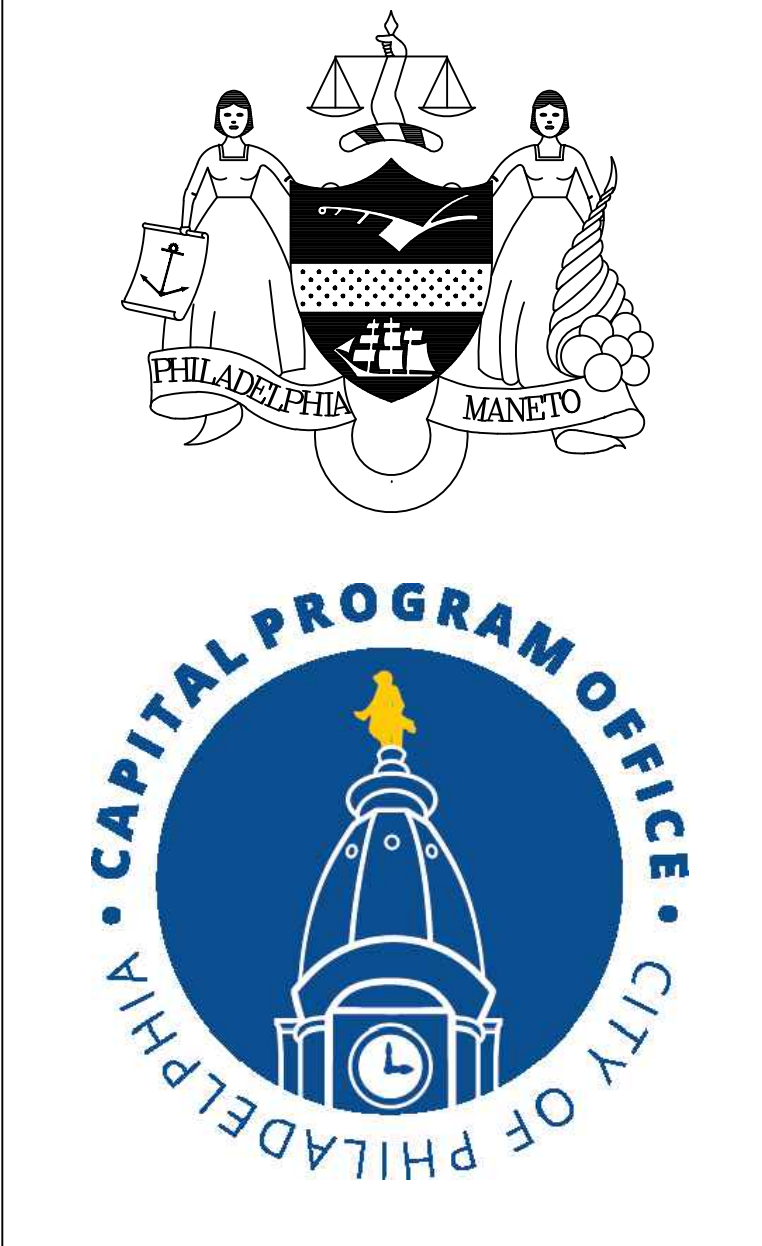
-  **BR** BROWN COLORED RUBBER SAFETY SURFACE - 60% BROWN + 20% BEIGE + 20% BLACK
-  **BE** BEIGE COLORED RUBBER SAFETY SURFACE - 60% BEIGE + 20% EGGSHELL + 20% BLACK
-  **EG** EGGSHELL COLORED RUBBER SAFETY SURFACE - 60% EGGSHELL + 20% PEARL + 20% BLACK
-  **GR** GRAY COLORED RUBBER SAFETY SURFACE - 60% ASH GRAY + 20% LIGHT GRAY + 20% BLACK

SAFETY SURFACE COORDINATE SCHEDULE		
#	X COORDINATE	Y COORDINATE
67	32238619.167	2922699.949
68	32238748.184	2922574.301
69	32238568.873	2922389.416
70	32238439.426	2922514.863
71	32238257.266	2922105.064
72	32238365.196	2922067.590
73	32238319.930	2921937.227
74	32238212.237	2921974.622
75	32238551.464	2922966.290
76	32238568.195	2922871.717
77	32238412.808	2922761.550
78	32238394.875	2922782.440
79	32238612.641	2923052.247
80	32238467.147	2923023.975
81	32238361.117	2923162.351
82	32238411.902	2923268.558
83	32238385.507	2923007.889
84	32238324.006	2922995.913
85	32238250.394	2923229.387
86	32238294.321	2923189.935
87	32238213.277	2922969.307
88	32238112.752	2922916.319
89	32238230.393	2923098.848
90	32238154.906	2923115.456
91	32238063.495	2922859.868
92	32238297.762	2922935.397
93	32238343.723	2922892.363
94	32238299.142	2922714.880
95	32238307.789	2922666.421
96	32237985.072	2922442.716
97	32238106.909	2922391.924
98	32238070.124	2922303.251
99	32237948.139	2922354.103

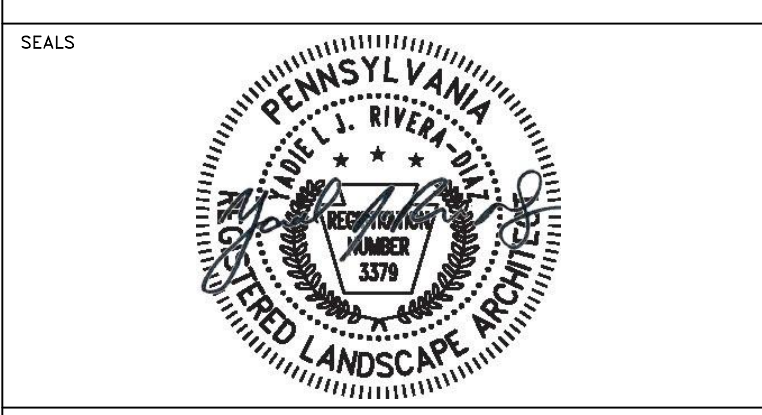
NOTES:

- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR THE POUR-IN-PLACE SAFETY SURFACE LAYOUT FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO THE INSTALLATION.

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

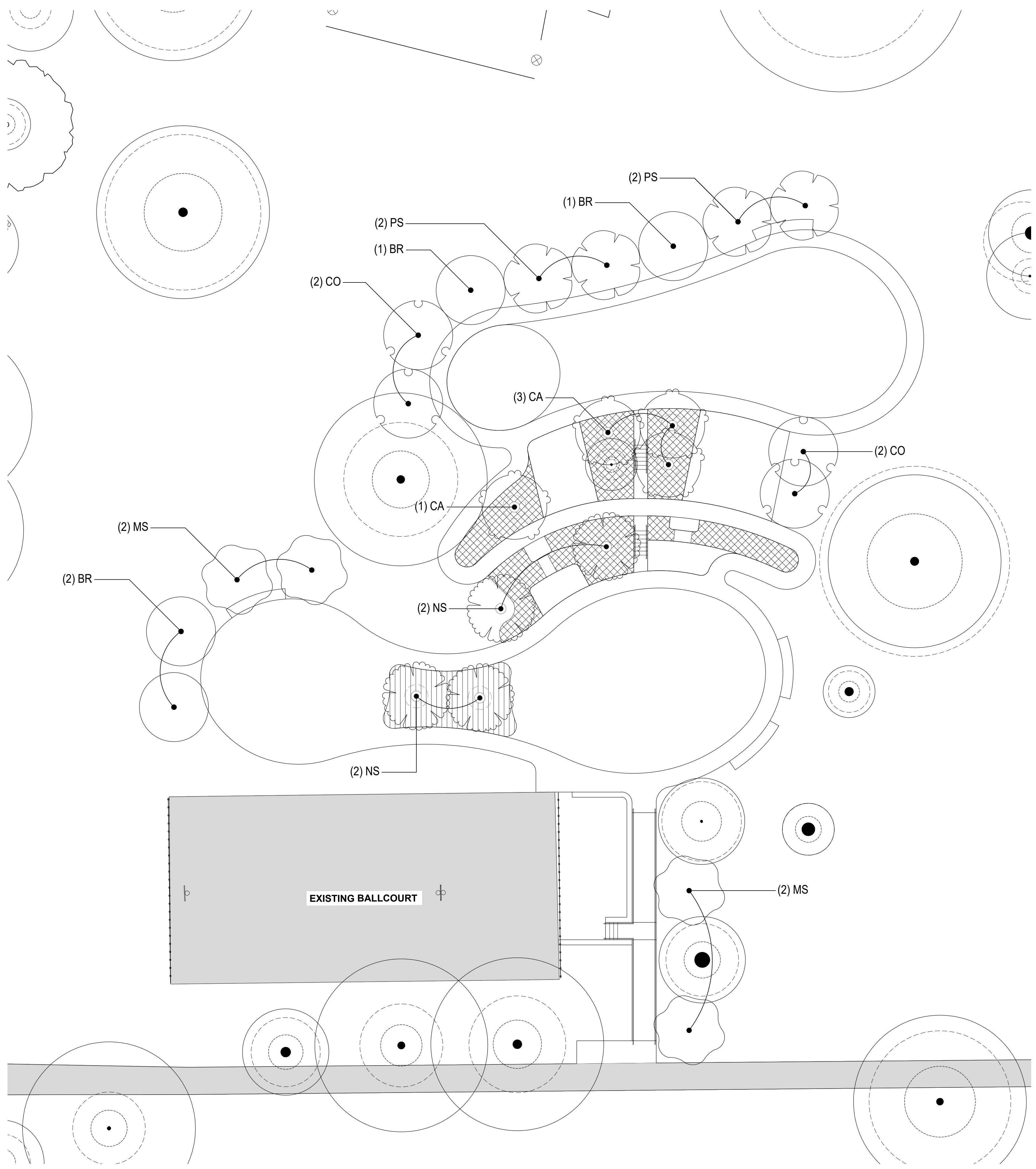
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
**SAFETY SURFACE LAYOUT
PLAN - PLAYGROUND - WEST**

PROJECT NO. 16-25-7259-01	DRAWING NO. L-301
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

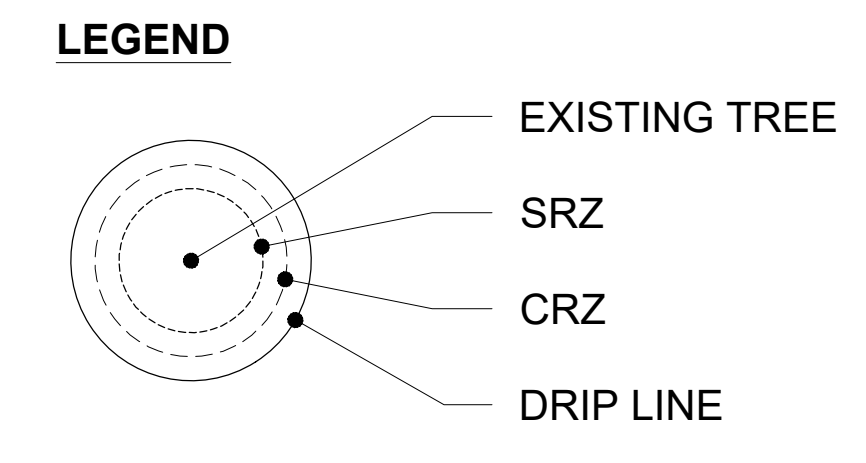
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



01 PLANTING PLAN
1/16" = 1'-0"

PLANTING SCHEDULE							
SYMBOL	CODE	COMMON NAME	SCIENTIFIC NAME	CONTAINER/SPACING	SIZE	NOTES	QTY
TREES							
	NS	Blackgum	Nyssa Sylvatica	B&B, AS SHOWN IN PLANS	2.5" Cal.	SINGLE-STEM	4
	BR	River Birch	Betula nigra	B&B, AS SHOWN IN PLANS	2.5" Cal.	SINGLE-STEM	4
	CA	American Hornbeam	Carpinus caroliniana	B&B, AS SHOWN IN PLANS	2.5" Cal.	SINGLE-STEM	4
	MS	Sweetbay Magnolia	Magnolia virginiana	B&B, AS SHOWN IN PLANS	2.5" Cal.	SINGLE-STEM	4
	CO	Hackberry	Celtis Occidentalis	B&B, AS SHOWN IN PLANS	2.5" Cal.	SINGLE-STEM	4
	PS	White Pine	Pinus strobus	B&B, AS SHOWN IN PLANS	2.5" Cal.	SINGLE-STEM	4

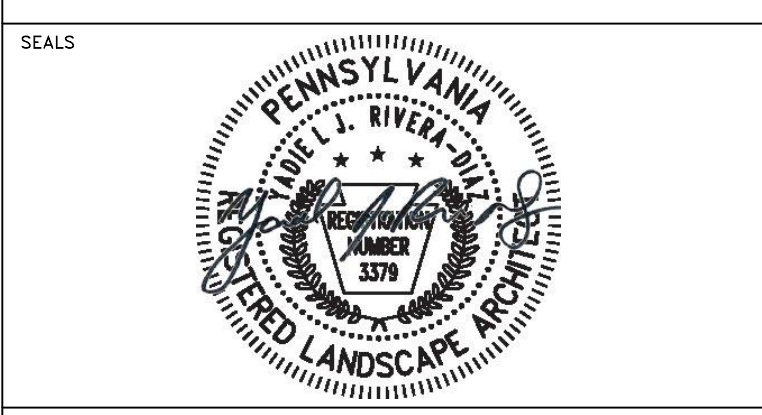
PLANTING SCHEDULE						
SYMBOL	COMMON NAME	SCIENTIFIC NAME	SPACING	CONTAINER	NOTES	QTY
PERENNIALS - CLIMBING HILL						
	Poverty Oatgrass	Danthonia spicata	18" O.C.	1 GAL. POT	VIGOROUS, WELL ROOTED	409
	Virginia Wild Rye	Elymus virginicus	18" O.C.	1 GAL. POT	VIGOROUS, WELL ROOTED	409
PERENNIALS - SEATING AREA						
	Pennsylvania Sedge	Carex Pennsylvanica	18" O.C.	2 GAL. POT	VIGOROUS, WELL ROOTED	116
	Switch Grass	Panicum virgatum	18" O.C.	2 GAL. POT	VIGOROUS, WELL ROOTED	116
	Purple Lovegrass	Eragrostis Spectabilis	18" O.C.	2 GAL. POT	VIGOROUS, WELL ROOTED	58



REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	

PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

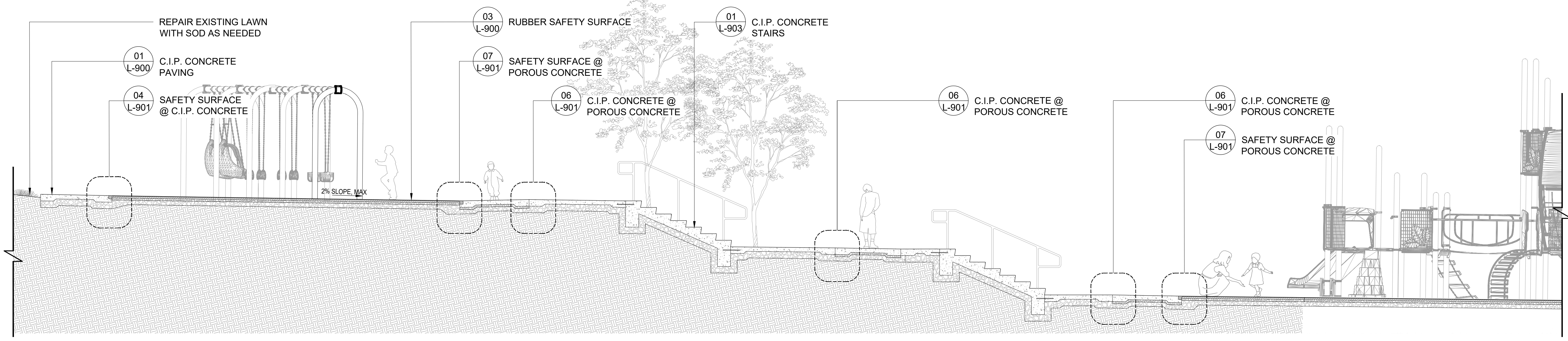
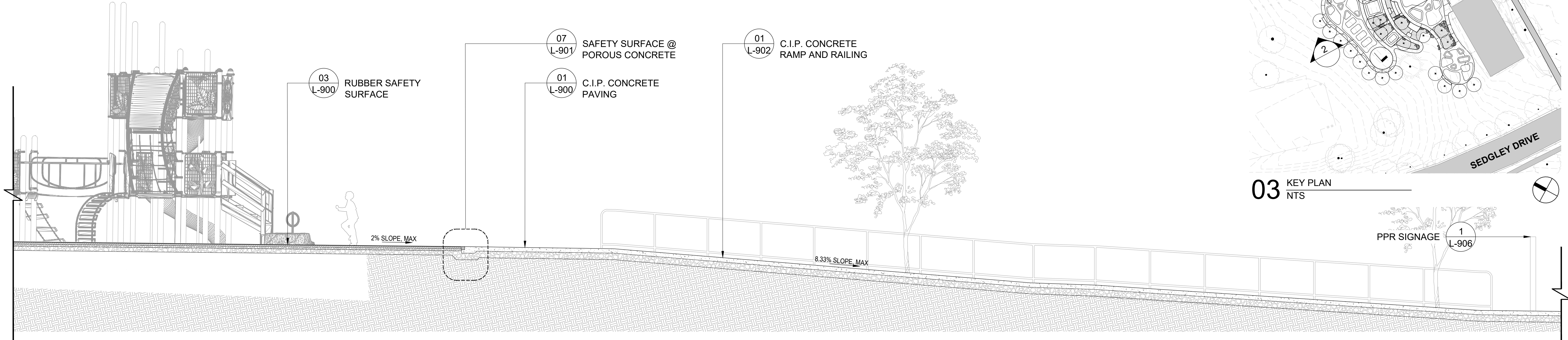
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

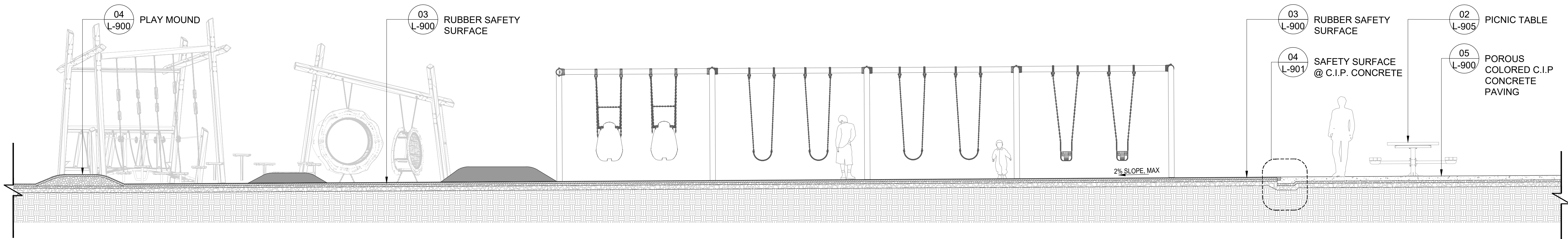
DRAWING TITLE
PLANTING PLAN

PROJECT NO. 16-25-7259-01	DRAWING NO. L-400
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

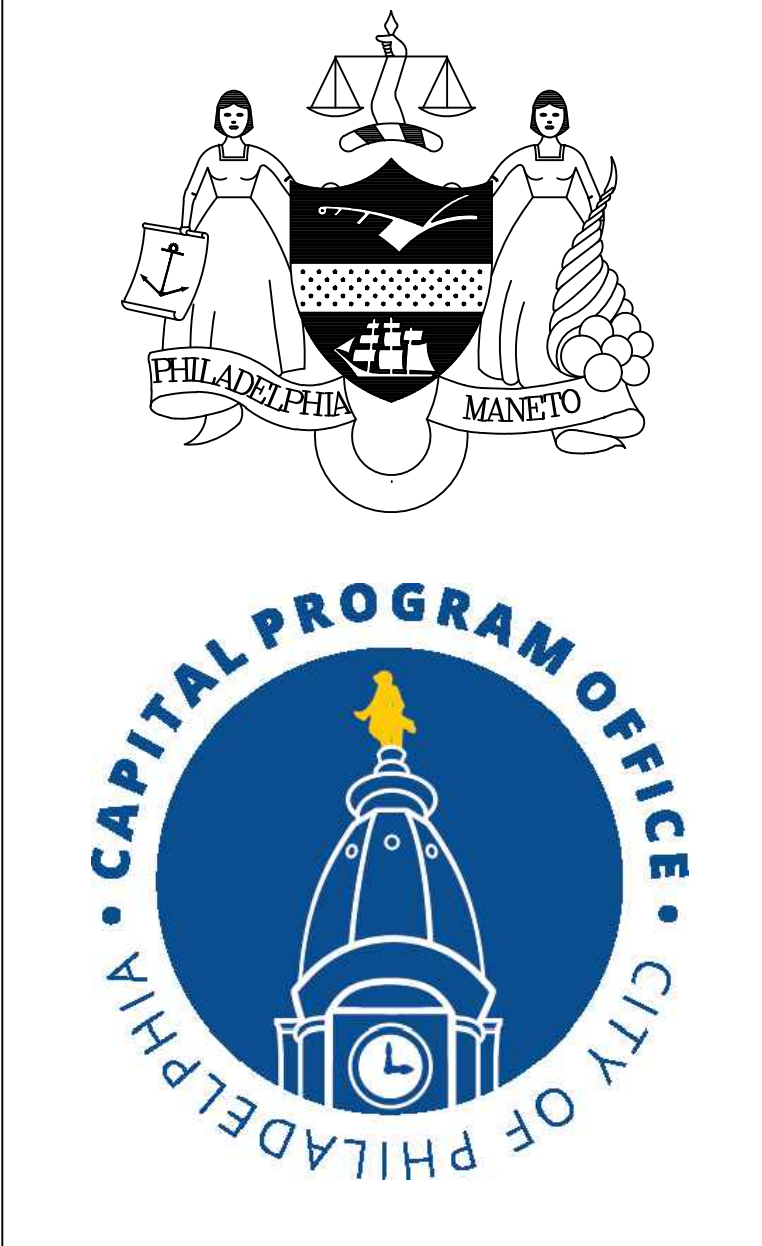


02 UPPER PLAYGROUND TO ENTRY
1/4"=1'-0"

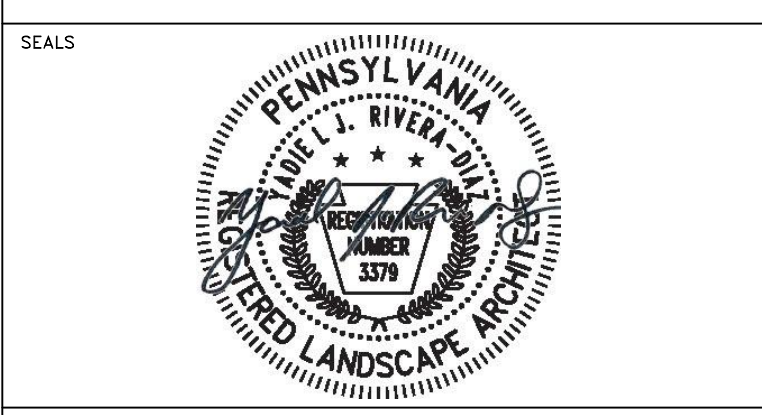


01 2-5 Y/O PLAY AREA TO PICNIC AREA
1/4"=1'-0"

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

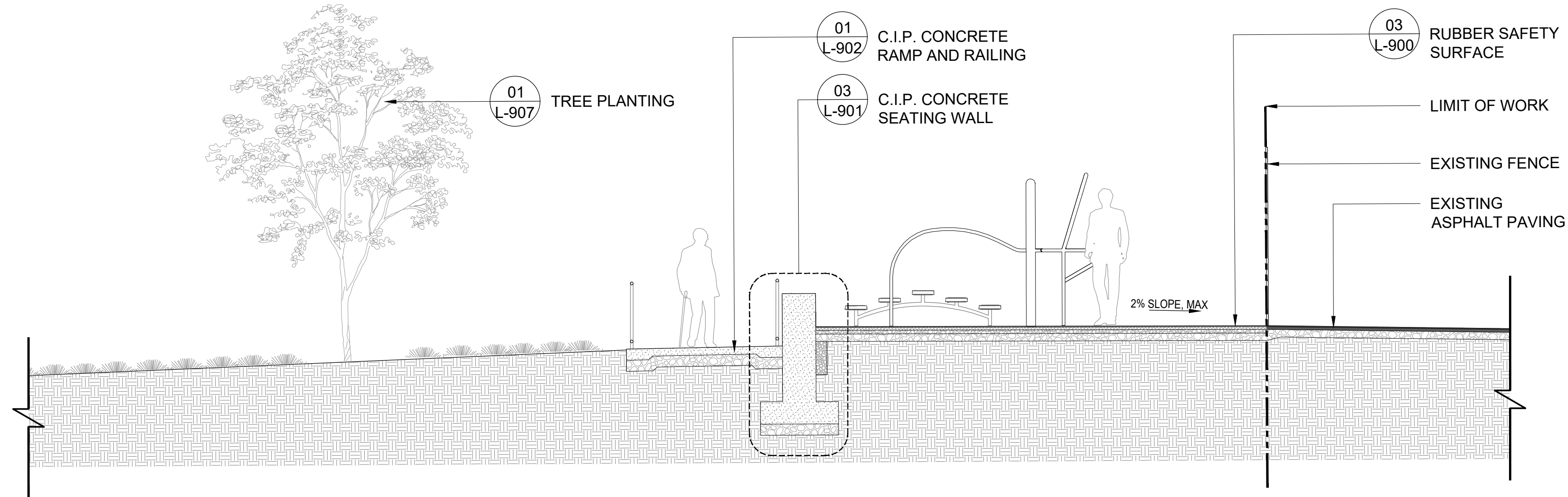
CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

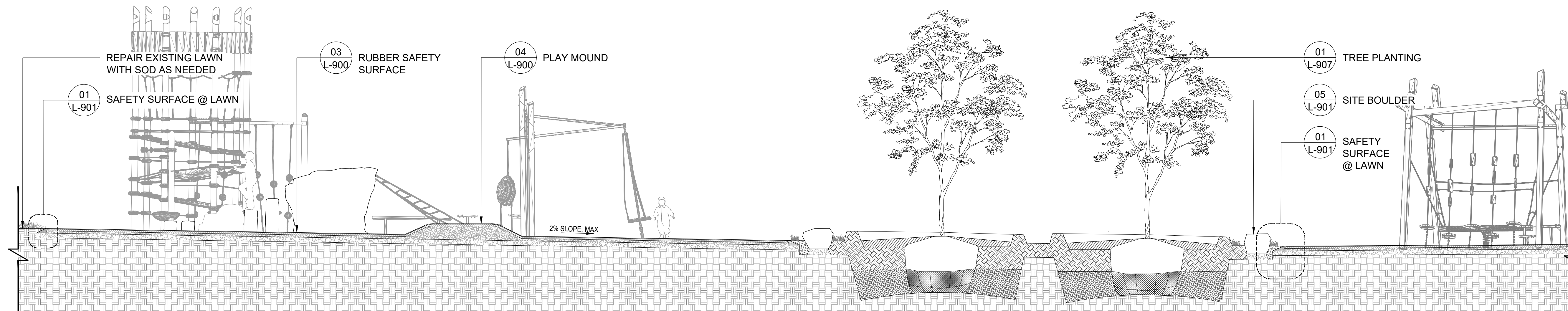
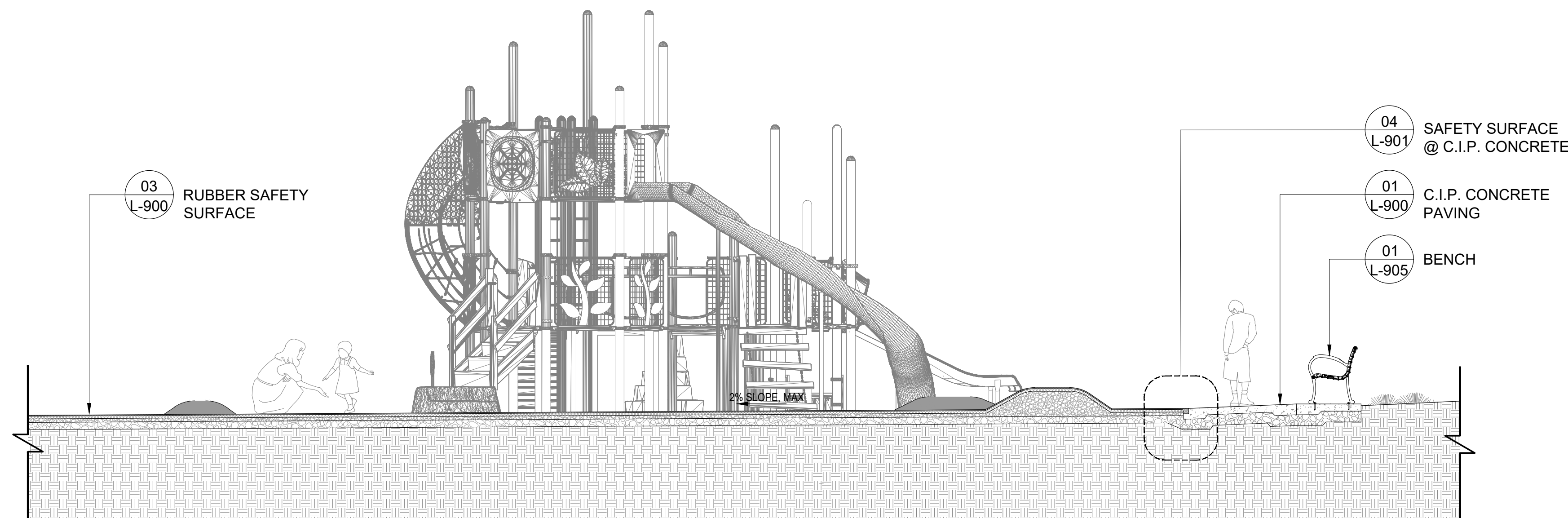
DRAWING TITLE
SECTIONS - 1

PROJECT NO. 16-25-7259-01	DRAWING NO. L-800
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

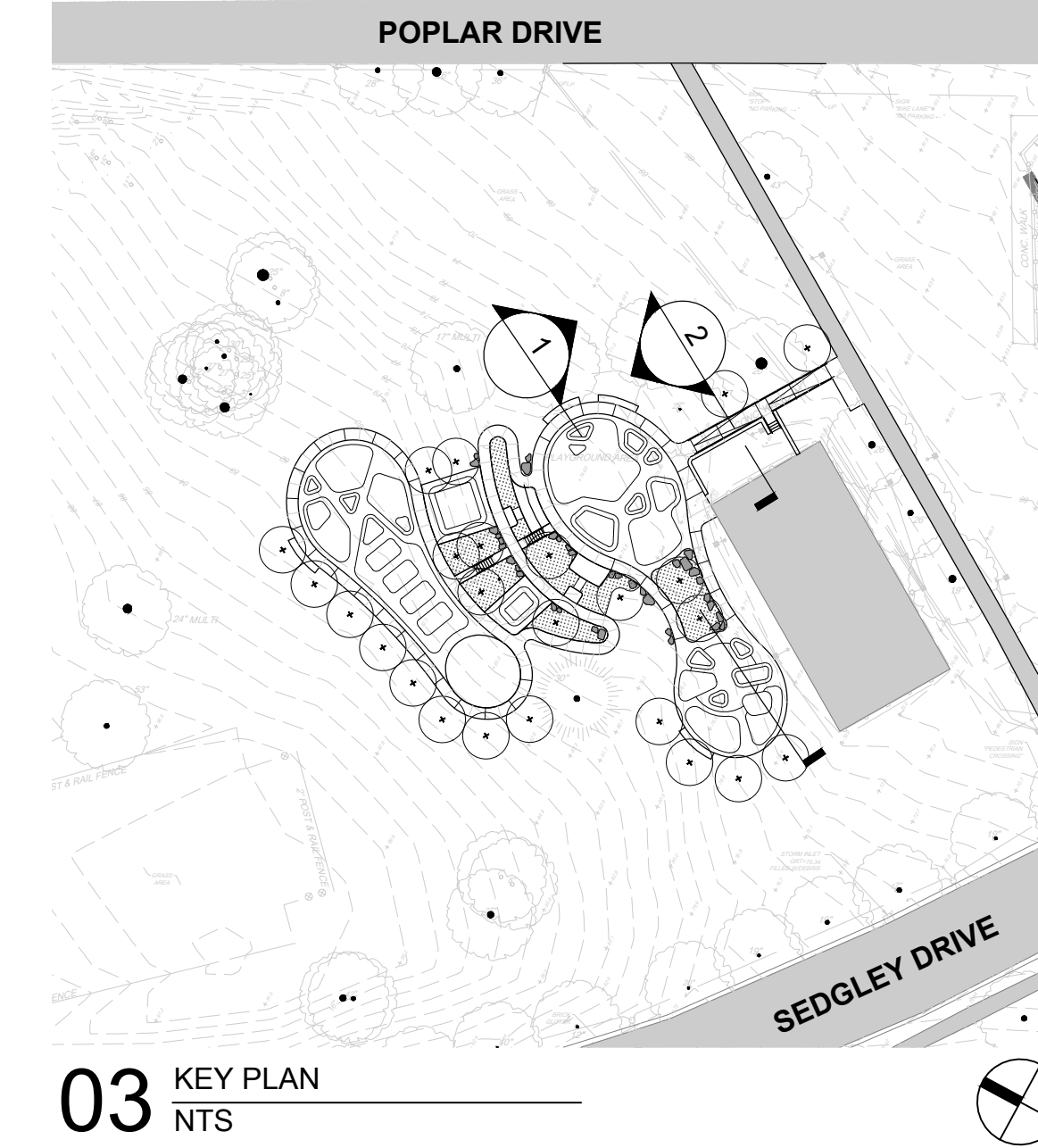
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



02 ADULT FITNESS ZONE
1/4"=1'-0"



01 5-12 Y/O PLAY AREA TO SHARED PLAY ZONE
1/4"=1'-0"

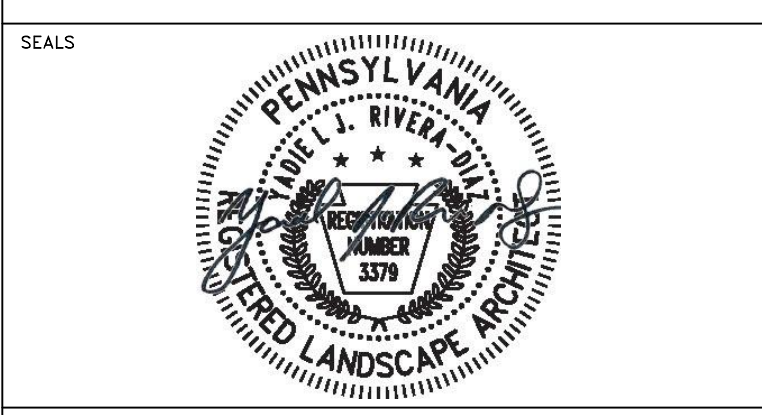


REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
SECTIONS - 2

PROJECT NO. 16-25-7259-01	DRAWING NO. L-801
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

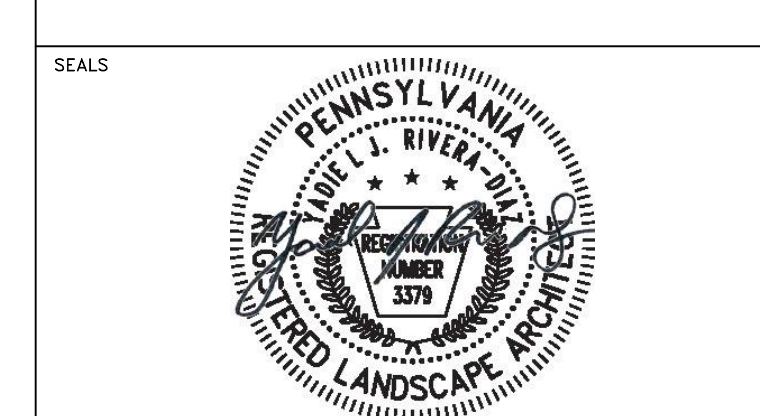
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doylestown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

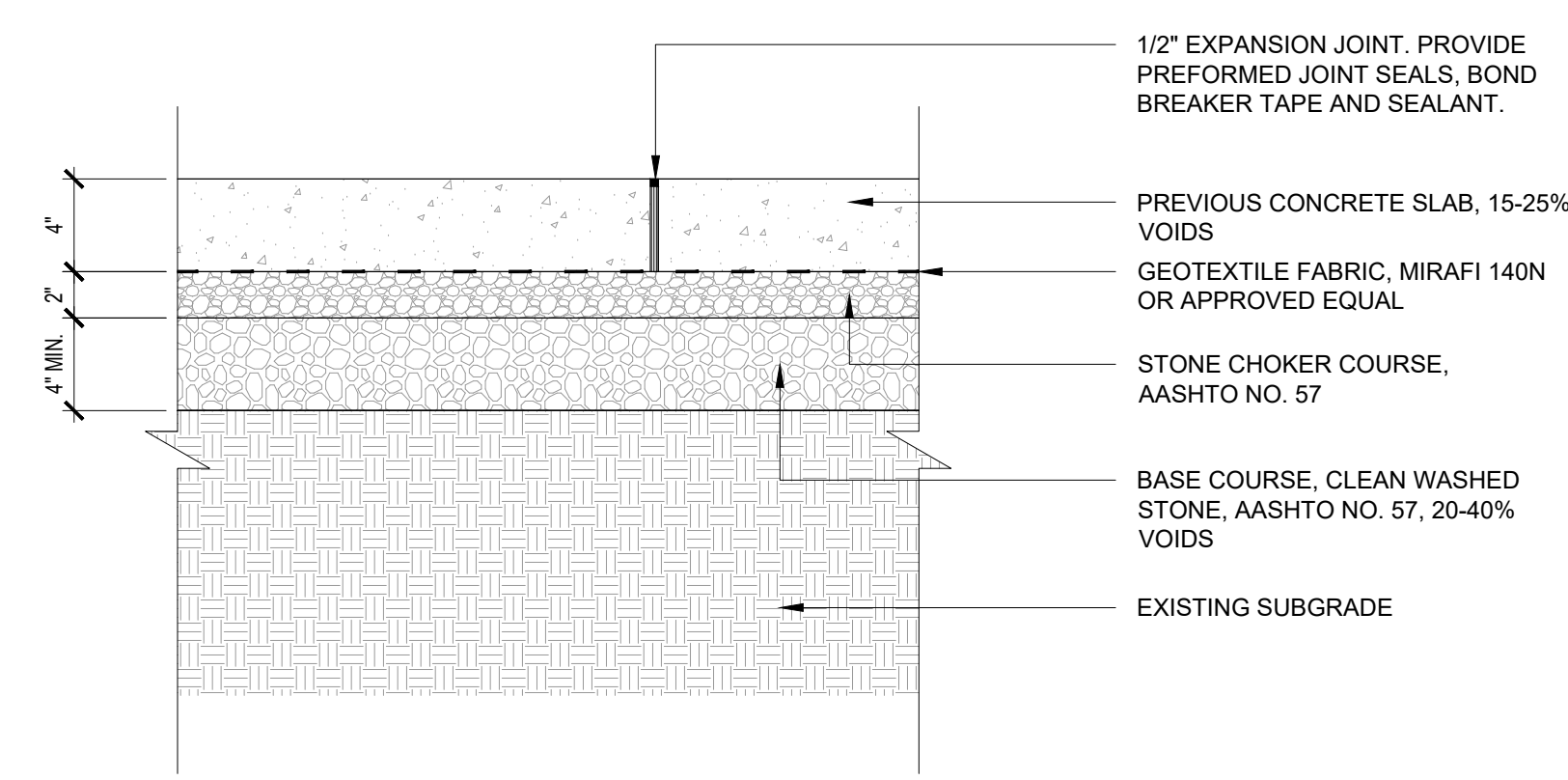
PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
DETAILS - PAVING

PROJECT NO. 16-25-7259-01	DRAWING NO. L-900
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

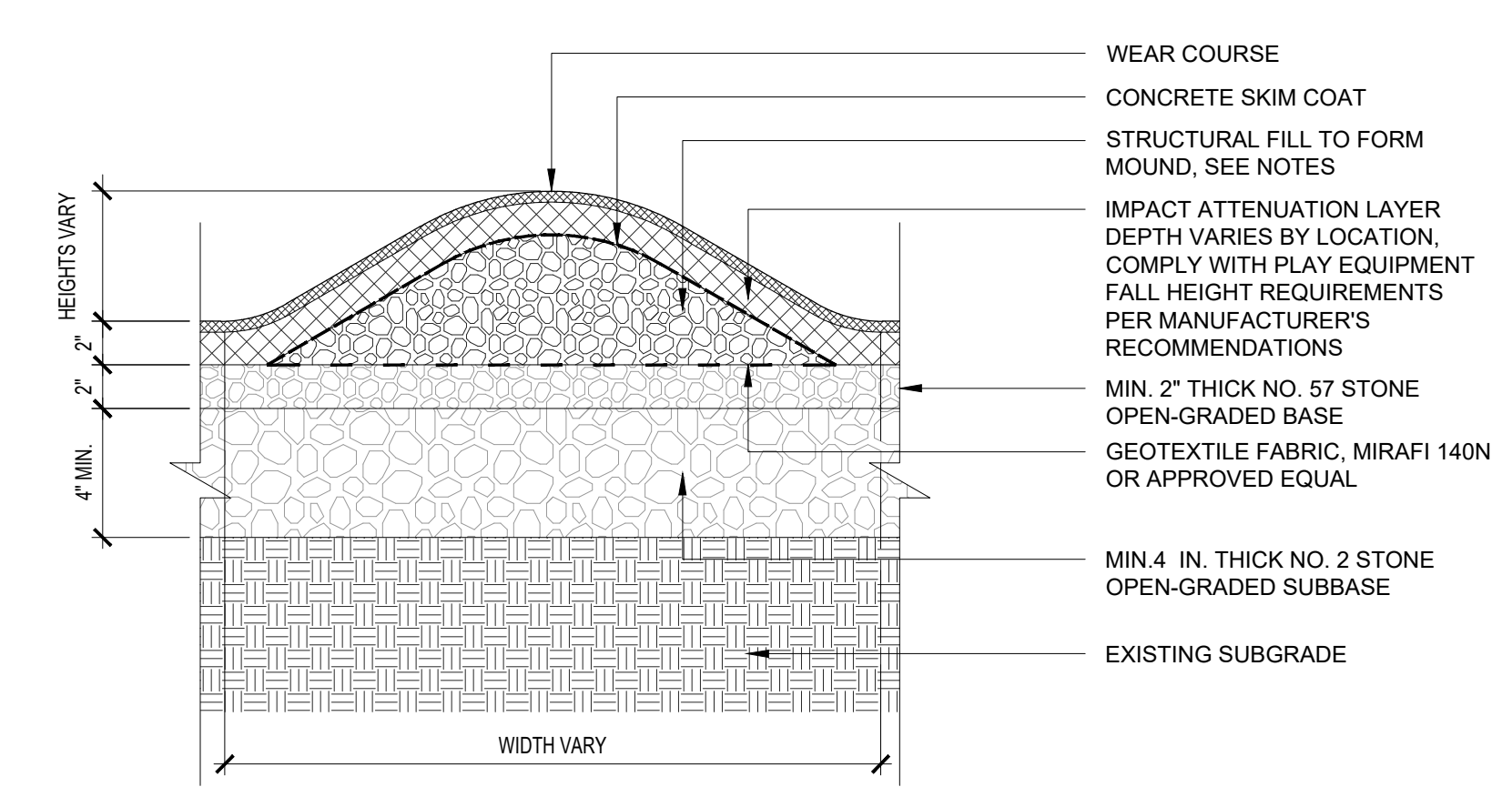
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

- NOTE:
- EXPANSION JOINTS PLACED AT 20' O.C. MAX. SPACING OR AS SHOWN ON PLANS. FORM JOINT AROUND ALL APPURTENANCES EXTENDING INTO OR THROUGH CONCRETE AND BETWEEN CONCRETE AND ANY FIXED STRUCTURE (BUILDING, CURB, ETC.)
 - CONTROL JOINTS, TROWELED, 1/8" THK. PLACED AT 5'-0" O.C. MAX. SPACING OR AS SHOWN ON PLANS.
 - POROUS CONCRETE SHALL UTILIZE PORTLAND CEMENT TYPE I OR II CONFORMING TO ASTM C 150 OR PORTLAND CEMENT TYPE IP OR IS CONFORMING TO ASTM C 595.
 - AGGREGATE SHALL BE NO. 8 COARSE AGGREGATE (3/8 TO NO. 16) PER ASTM C 33 OR NO. 89 COARSE AGGREGATE (3/8 TO NO. 50) PER ASTM D 448.
 - AN AGGREGATE/CEMENT RATIO RANGE OF 4:1 TO 4.5:1 AND A WATER/CEMENT RATIO RANGE OF 0.34 TO 0.40 SHOULD PRODUCE PERVIOUS PAVEMENT OF SATISFACTORY PROPERTIES IN REGARD TO PERMEABILITY, LOAD CARRYING CAPACITY, AND DURABILITY CHARACTERISTICS.

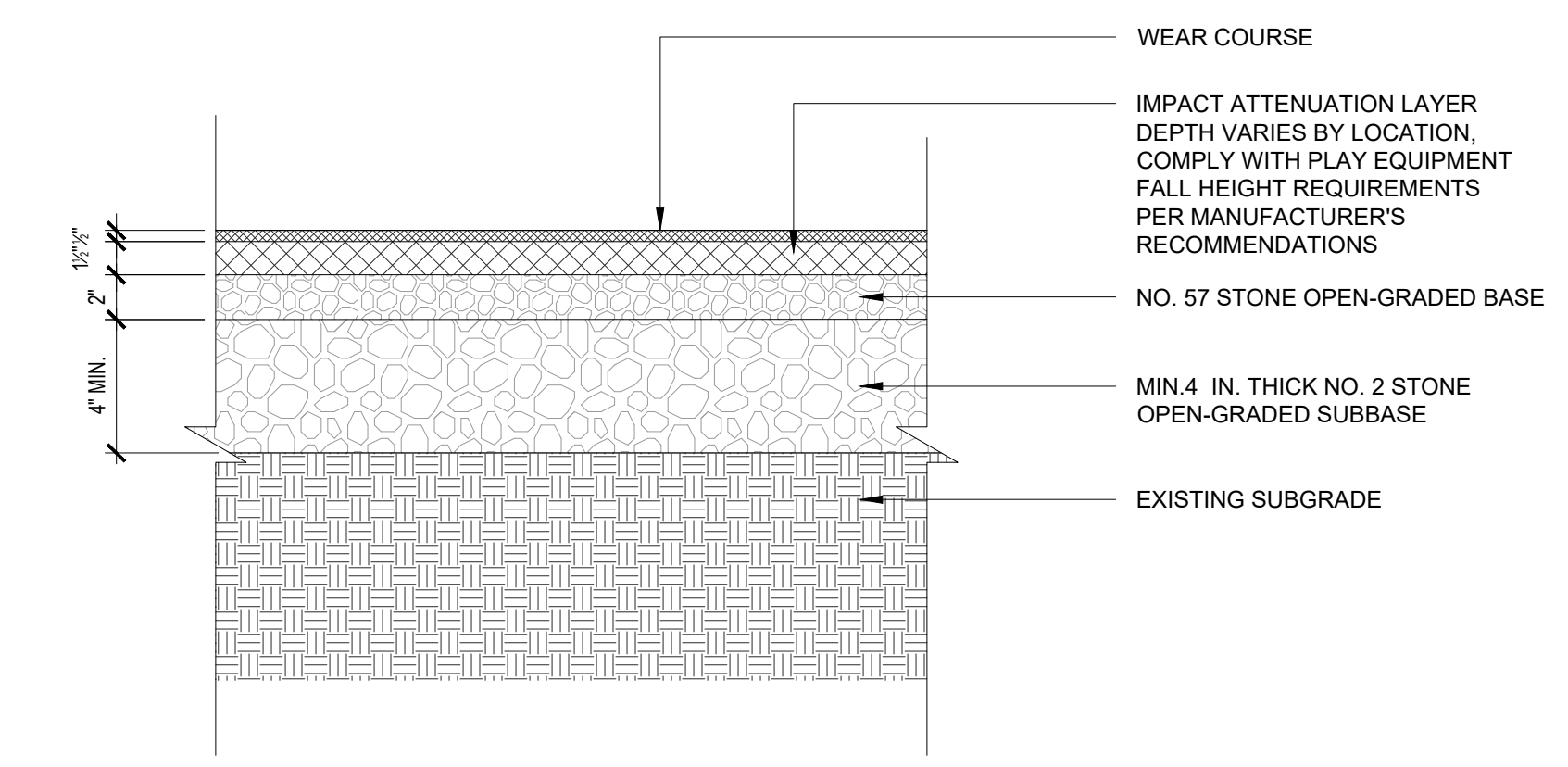


05 POROUS C.I.P CONCRETE
 1 1/2" = 1'-0"

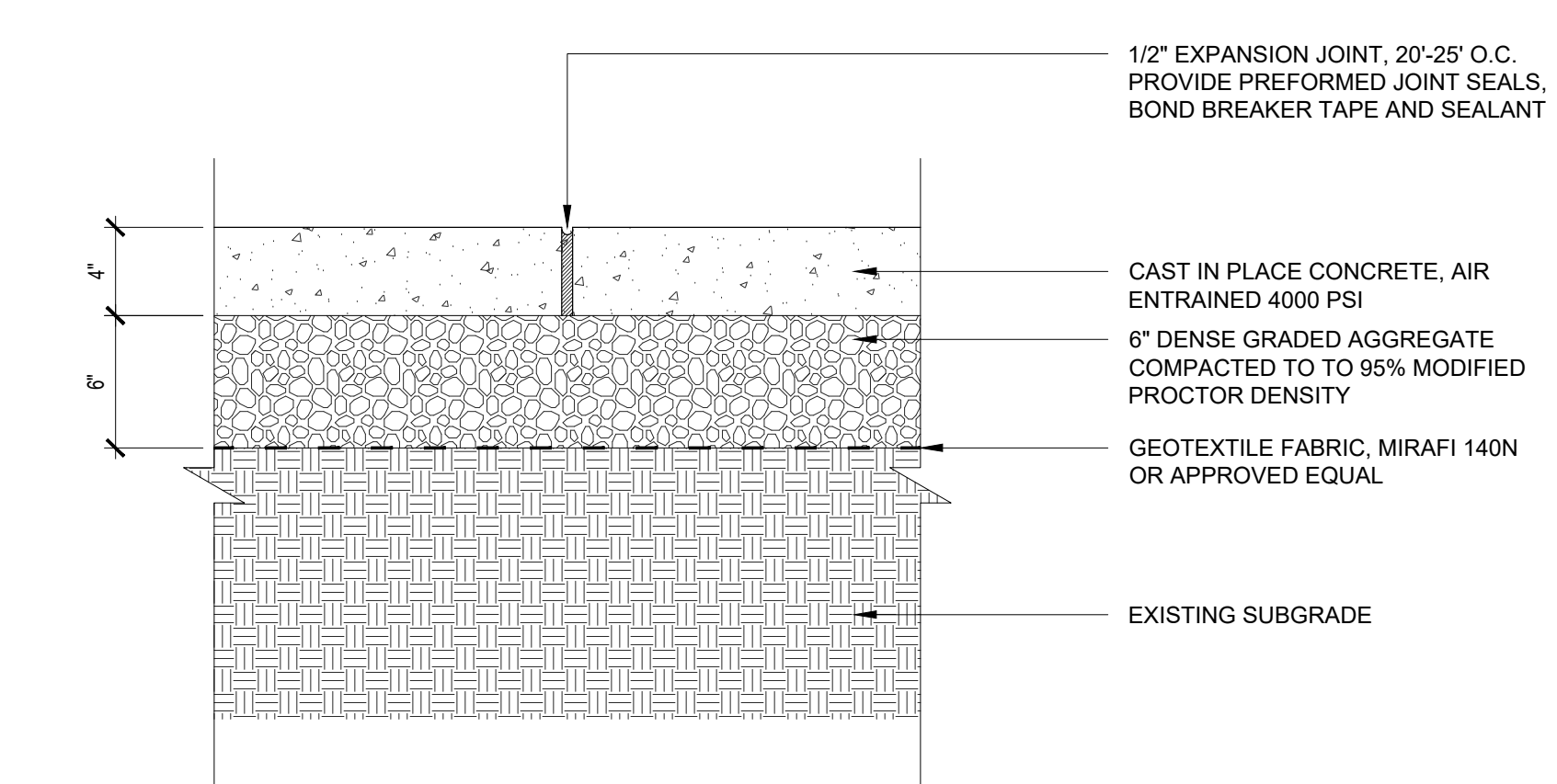
- NOTE:
- FOR FORMATION OF PLAY MOUNDS, 2A MODIFIED AGGREGATE SHALL BE INSTALLED IN 6" LIFTS. LIGHTLY MOISTEN EACH LAYER TO ENSURE SOLID COMPACTION. DO NOT OVER SATURATE AGGREGATE.
 - APPLY BINDING PRIMER COAT TO TOP OF CONCRETE SKIM COAT TO ENSURE SAFETY SURFACE COURSES ADHERE TO CONCRETE.
 - INSTALL POURED-IN-PLACE SAFETY SURFACE PER MANUFACTURER'S RECOMMENDATIONS.
 - HEIGHTS AND WIDTHS IF MOUNDS VARY, SEE C-201 FOR DETAILS.



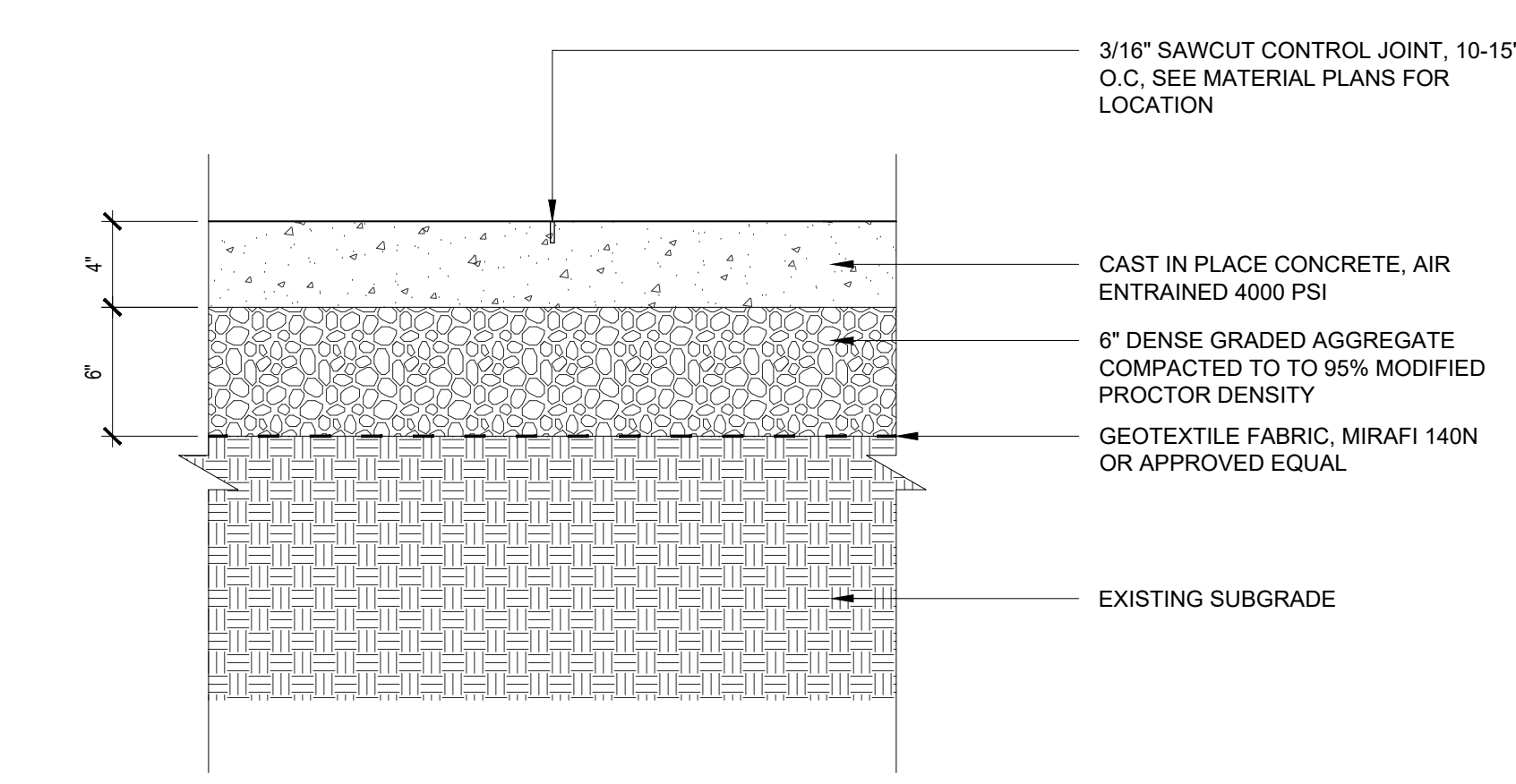
04 PLAYGROUND MOUND W/PLAY SURFACE
 1 1/2" = 1'-0"



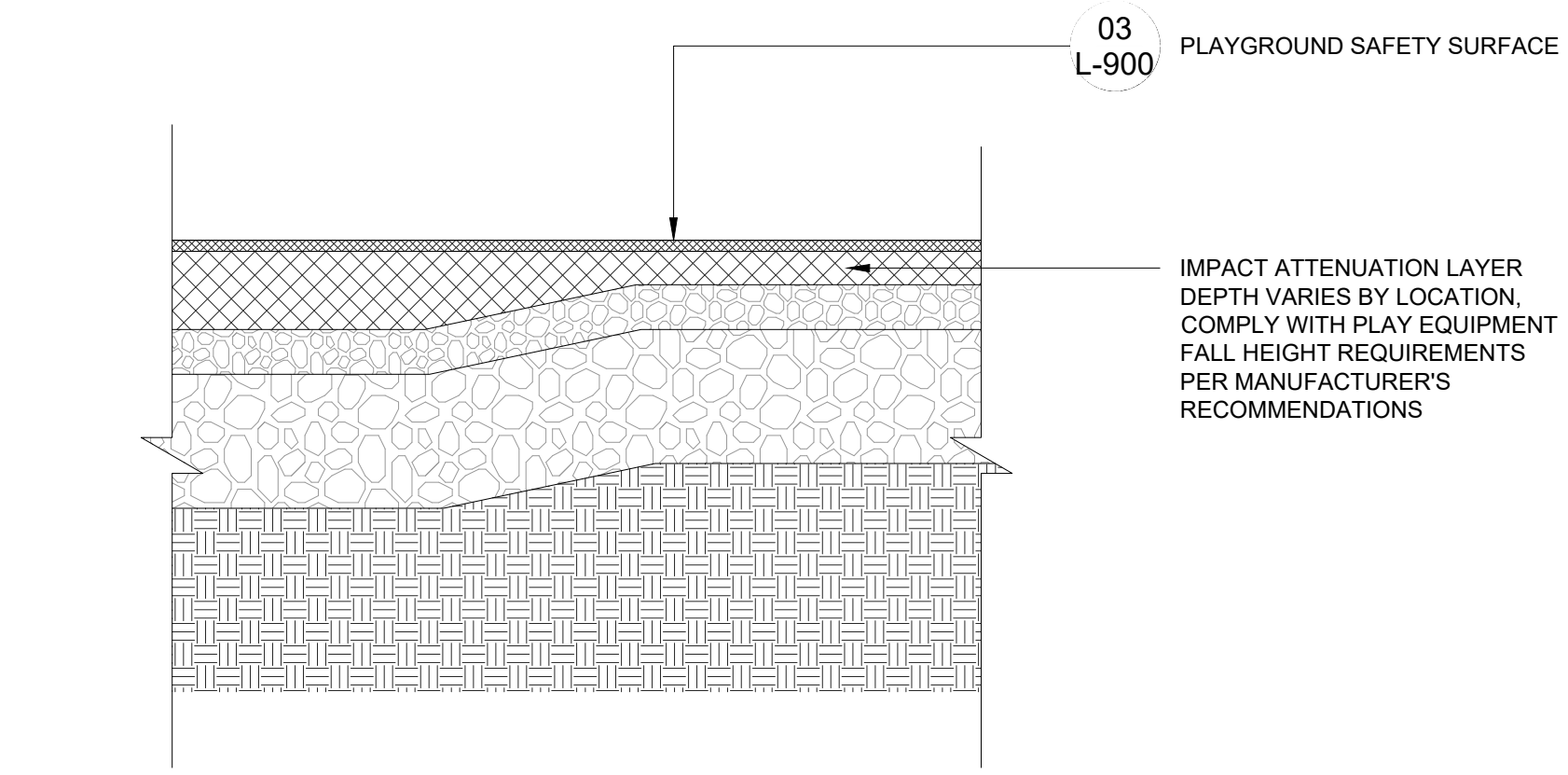
03 PLAYGROUND SAFETY SURFACE
 1 1/2" = 1'-0"



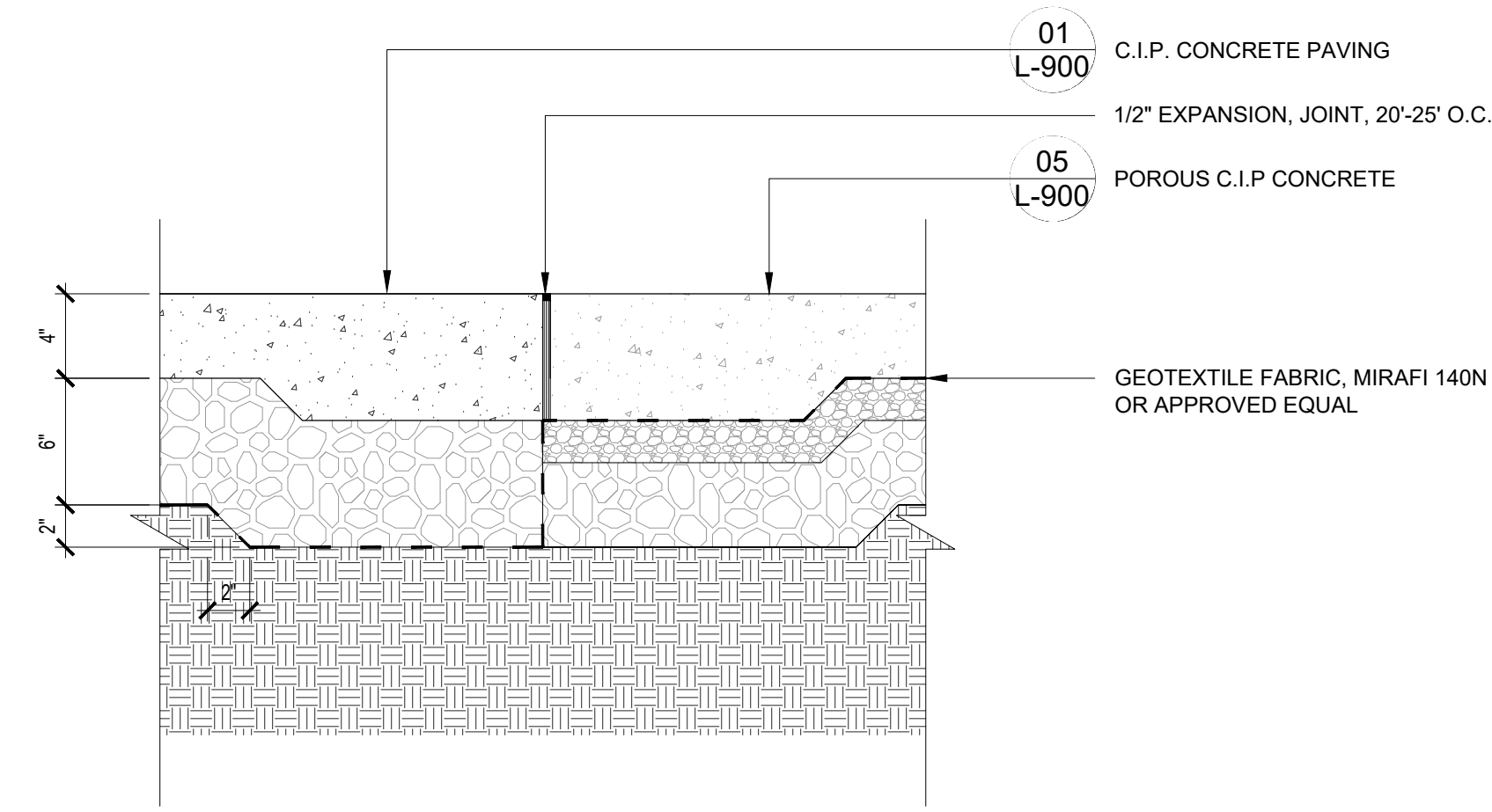
02 C.I.P CONCRETE W/ EXPANSION JOINT
 1 1/2" = 1'-0"



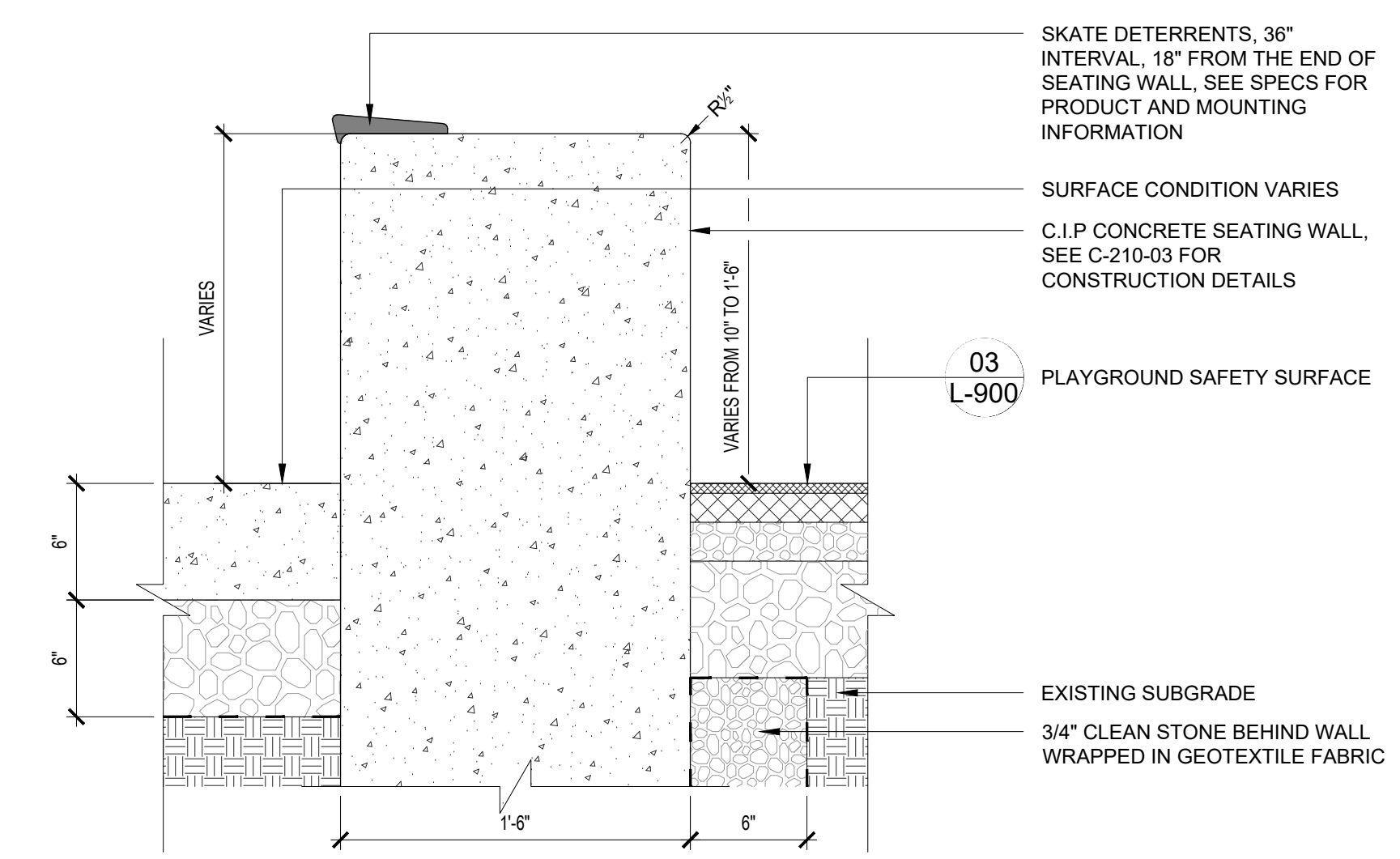
01 C.I.P CONCRETE W/ CONTROL JOINT
 1 1/2" = 1'-0"



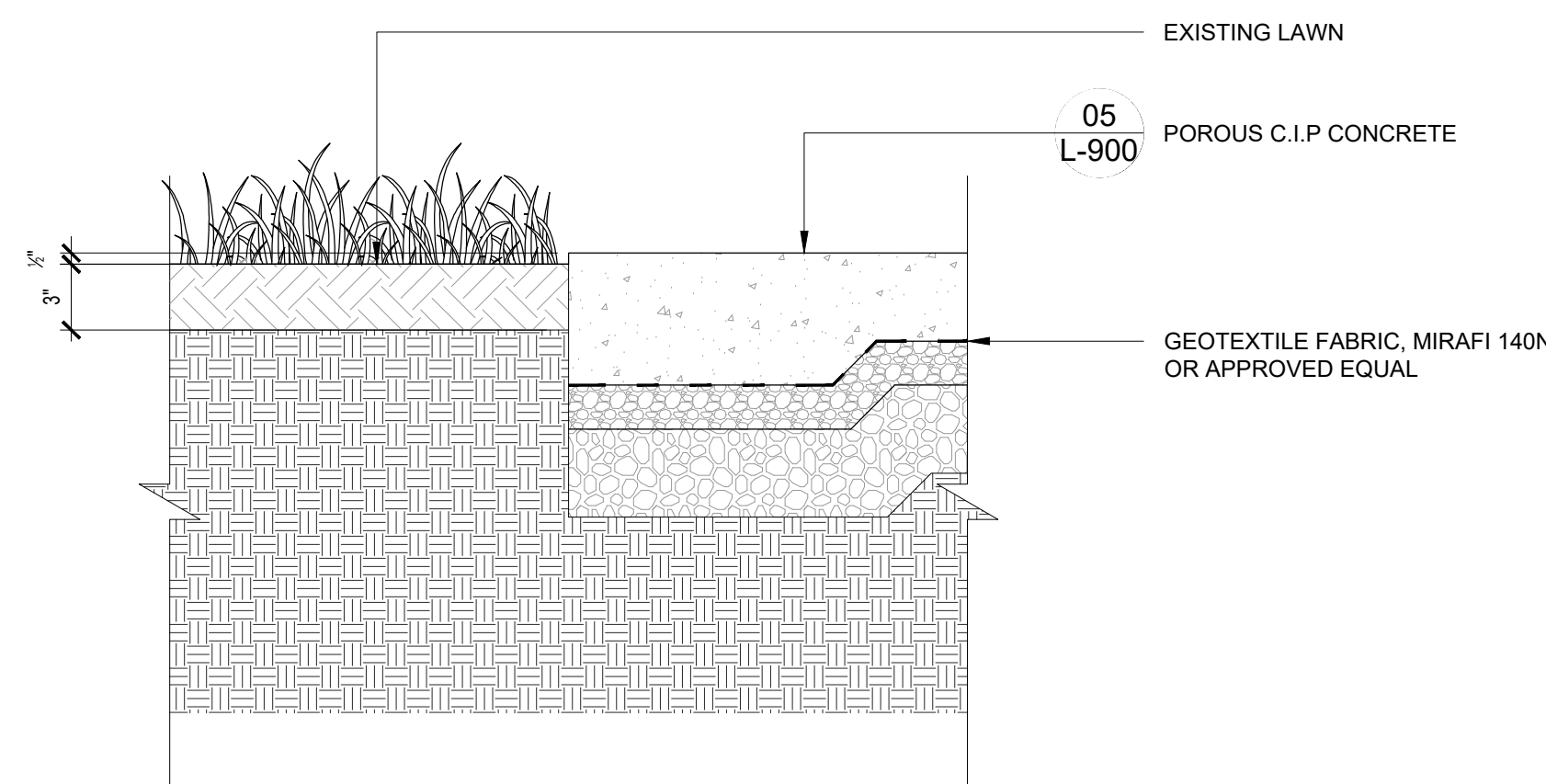
09 SAFETY SURFACE AND DEPTH TRANSITION DETAIL
1 1/2" = 1'-0"



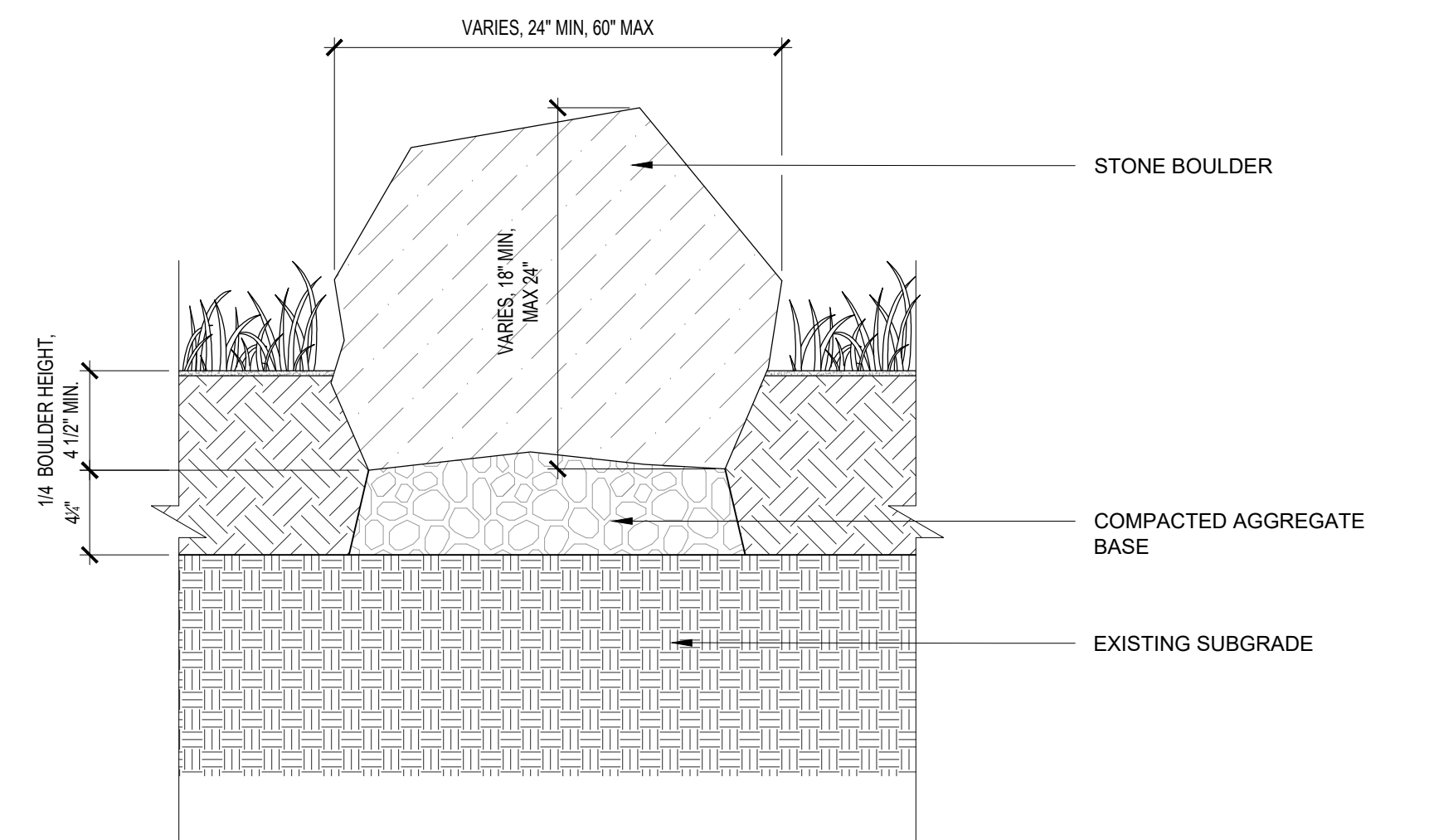
06 C.I.P. CONCRETE @ POROUS CONCRETE
1 1/2" = 1'-0"



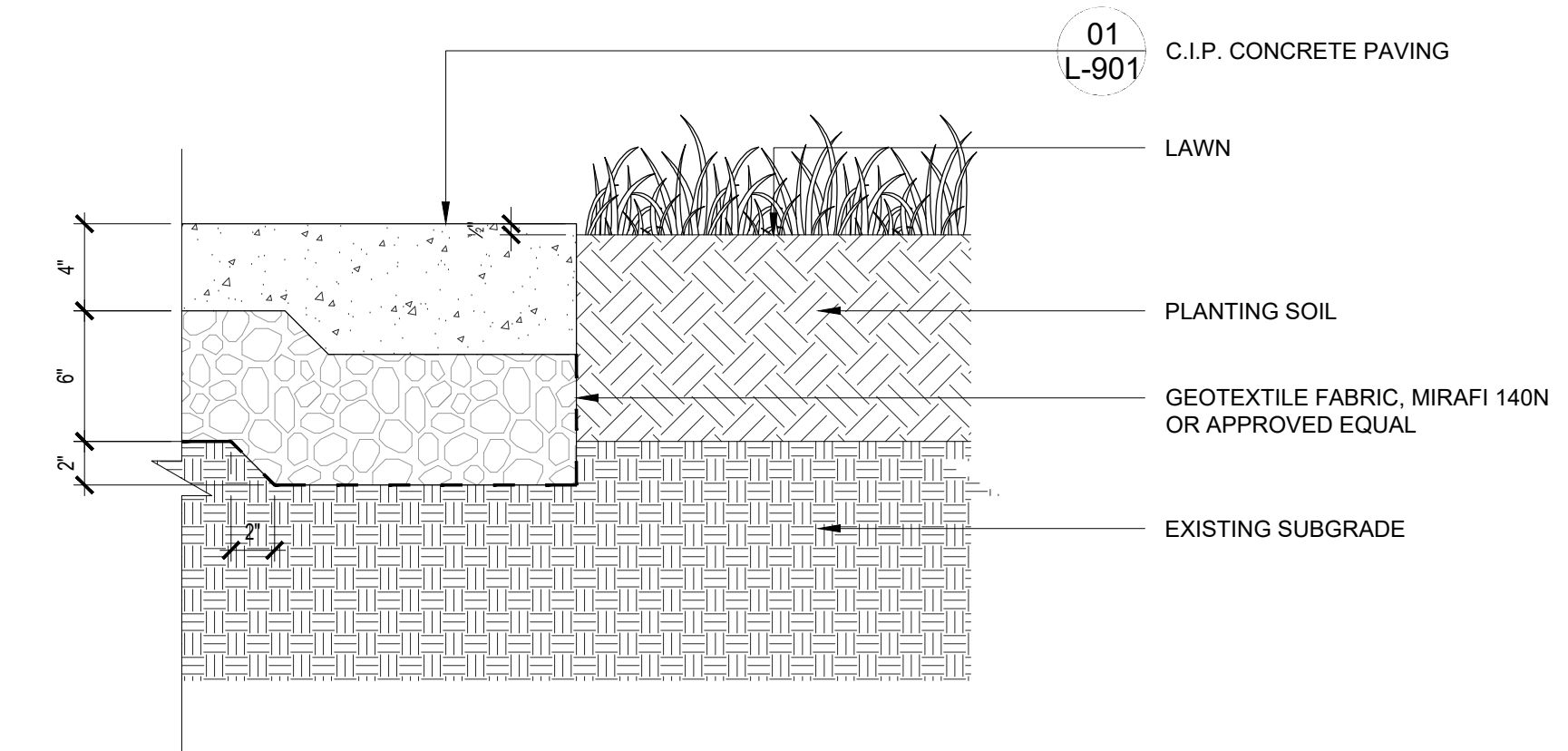
03 C.I.P. CONCRETE SEATING WALL
1 1/2" = 1'-0"



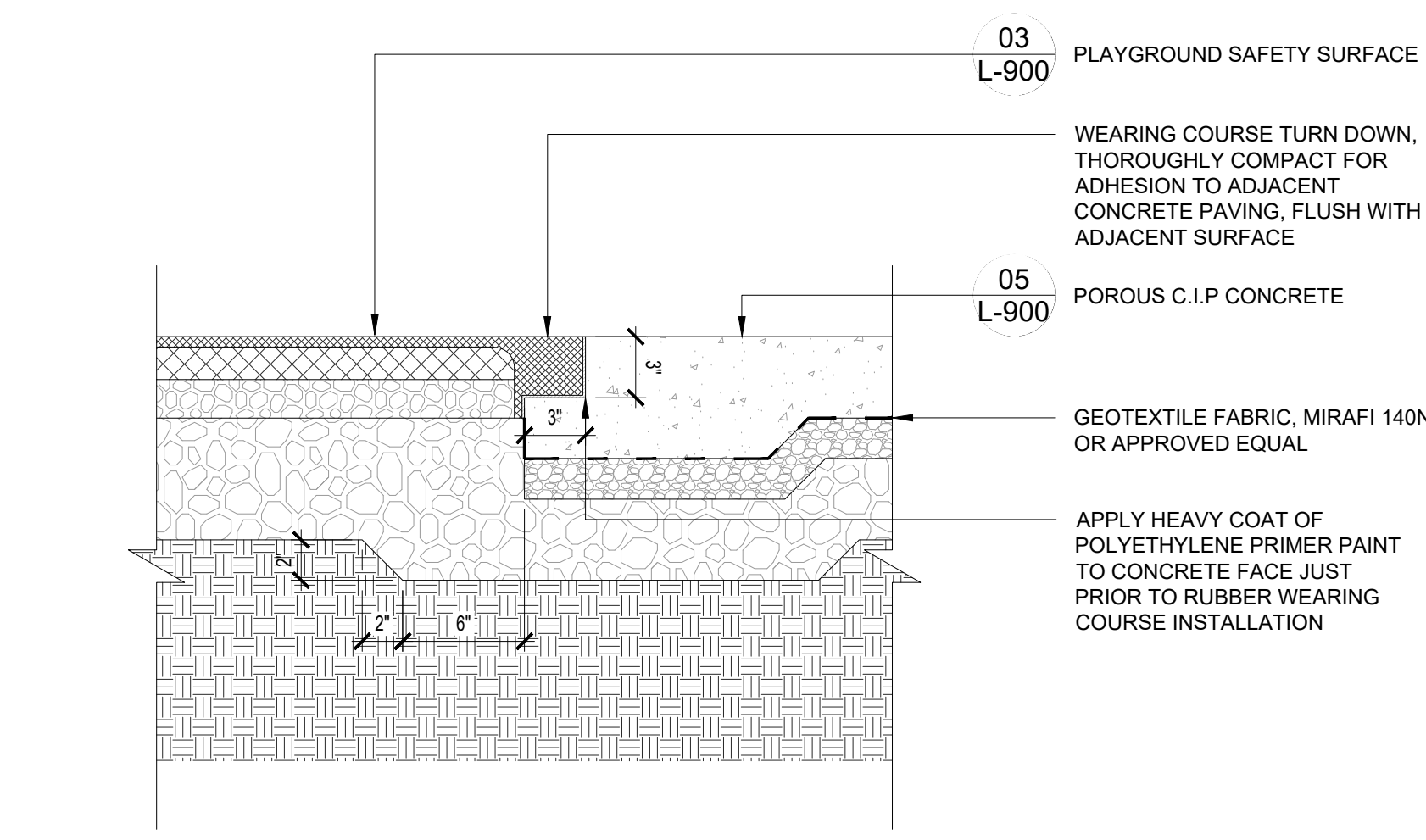
08 LAWN @ POROUS CONCRETE
1 1/2" = 1'-0"



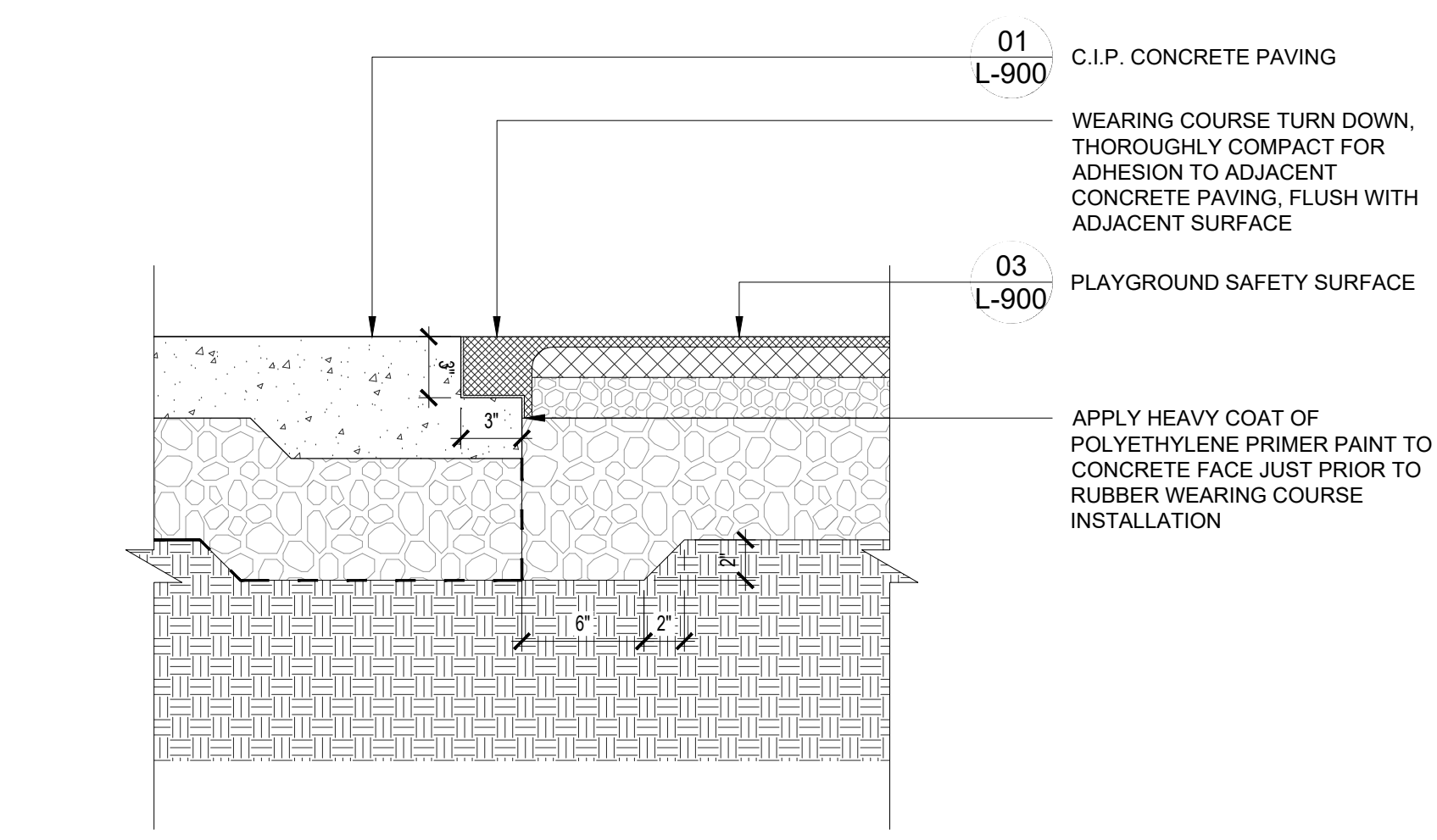
05 SITE BOULDER
1 1/2" = 1'-0"



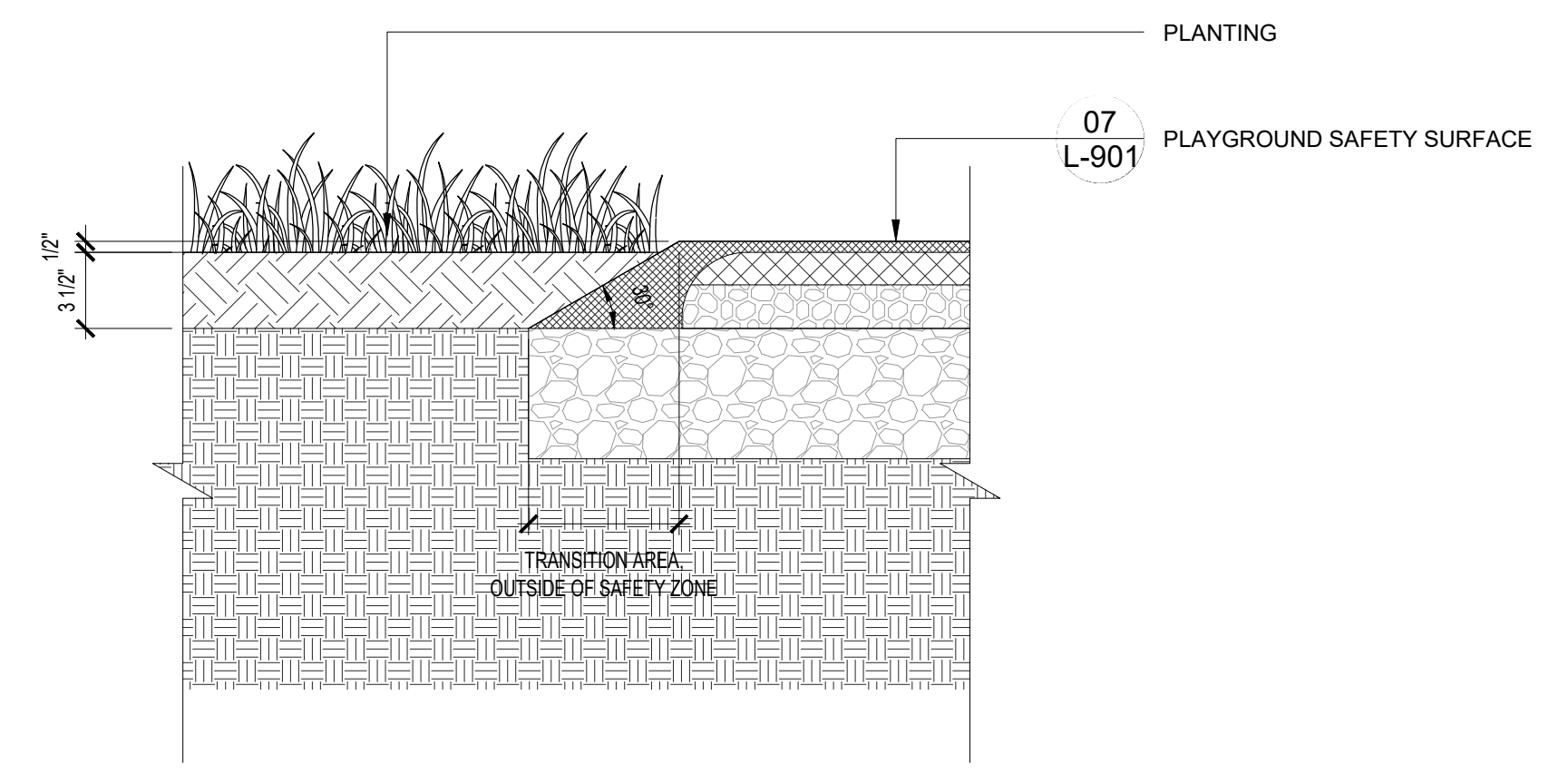
02 C.I.P. CONCRETE @ LAWN
1 1/2" = 1'-0"



07 SAFETY SURFACE @ POROUS CONCRETE
1 1/2" = 1'-0"

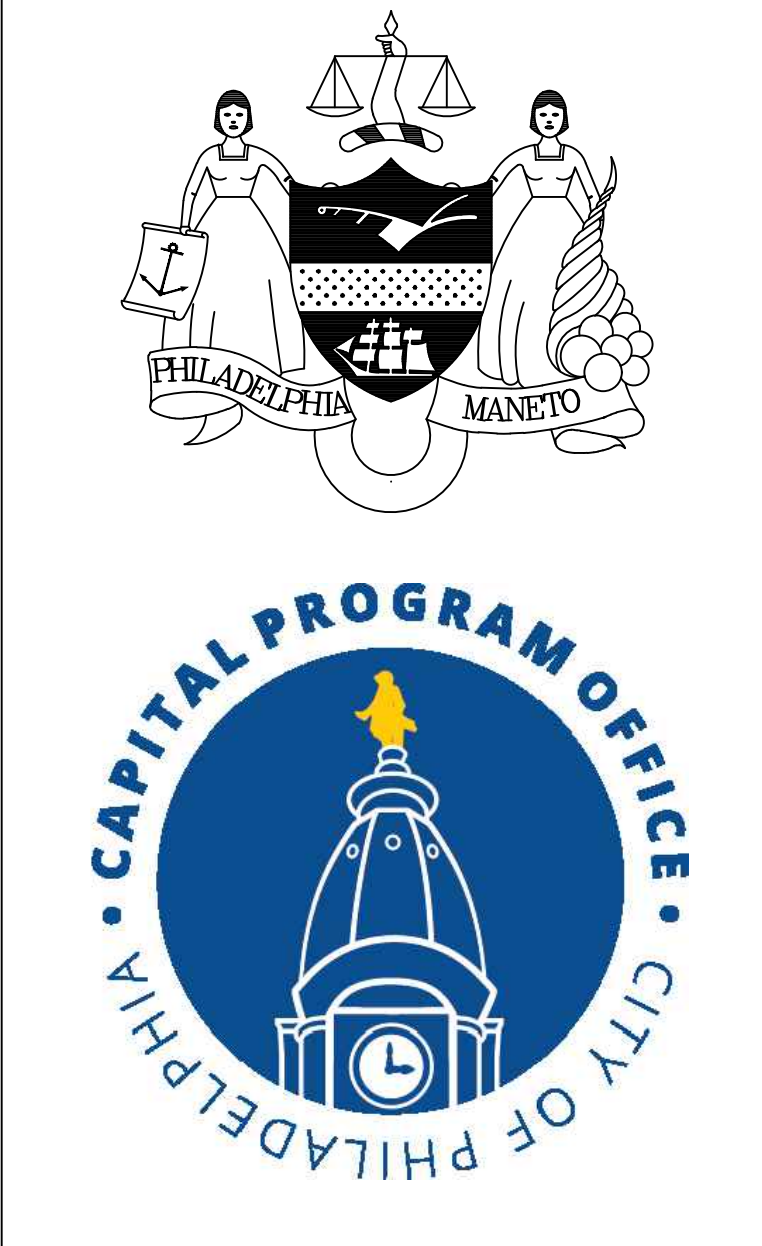


04 SAFETY SURFACE @ C.I.P. CONCRETE
1 1/2" = 1'-0"

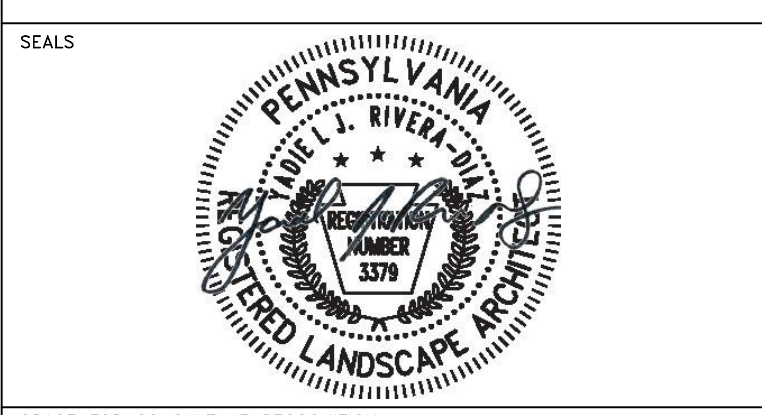


01 SAFETY SURFACE @ LAWN
1 1/2" = 1'-0"

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
DETAILS - TRANSITION

PROJECT NO. 16-25-7259-01	DRAWING NO. L-901
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

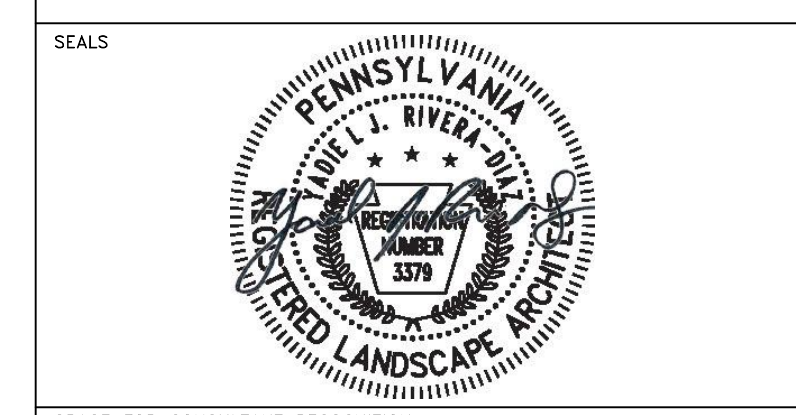
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doylestown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

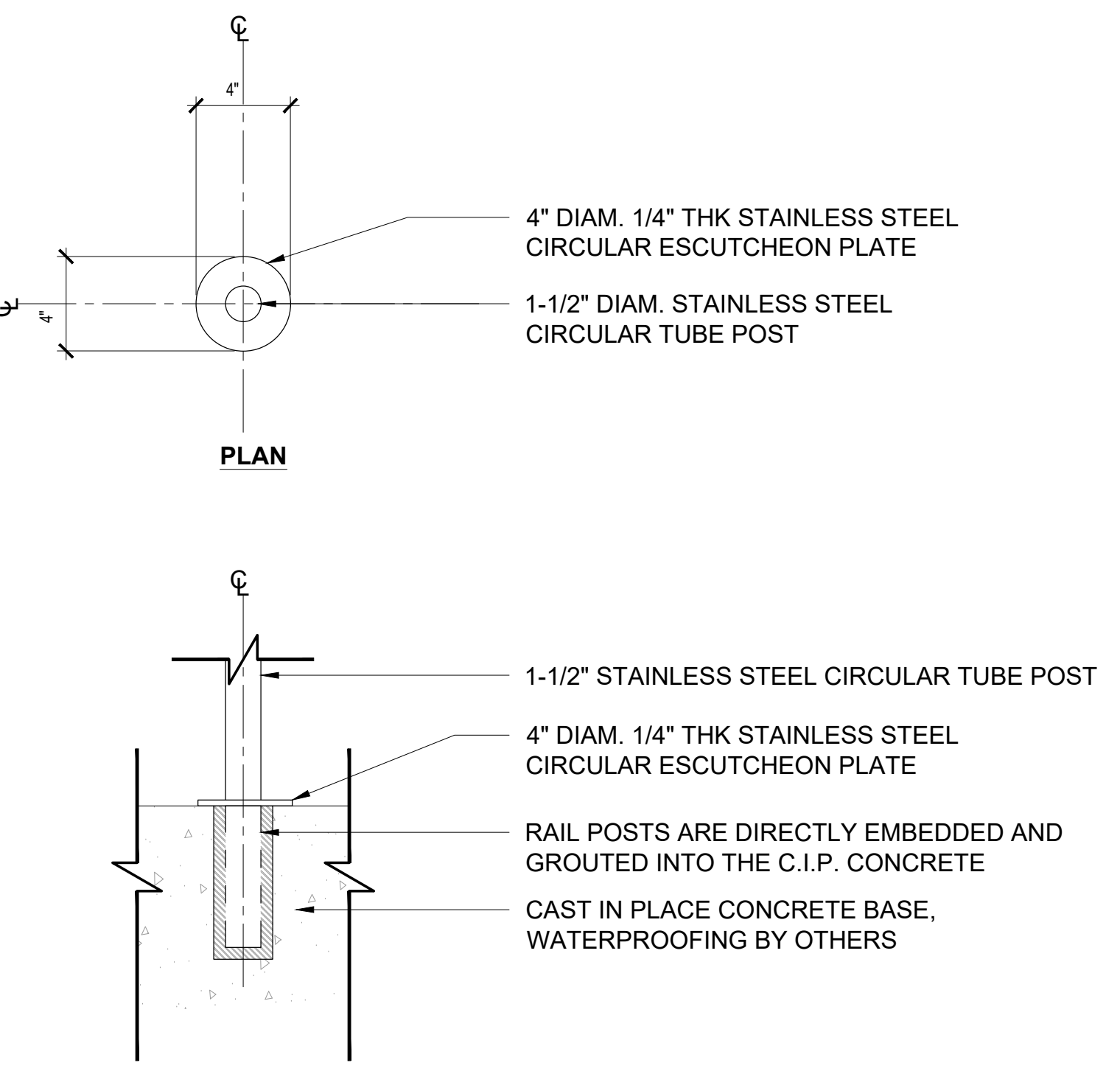
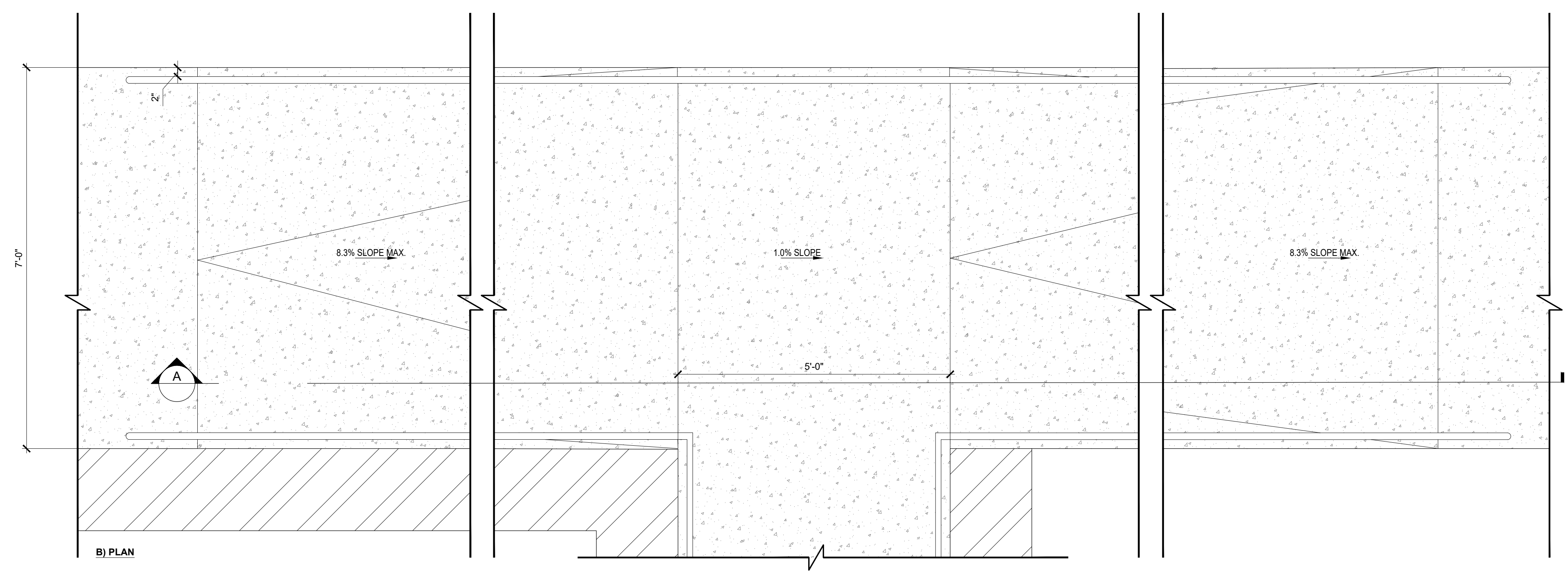
CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

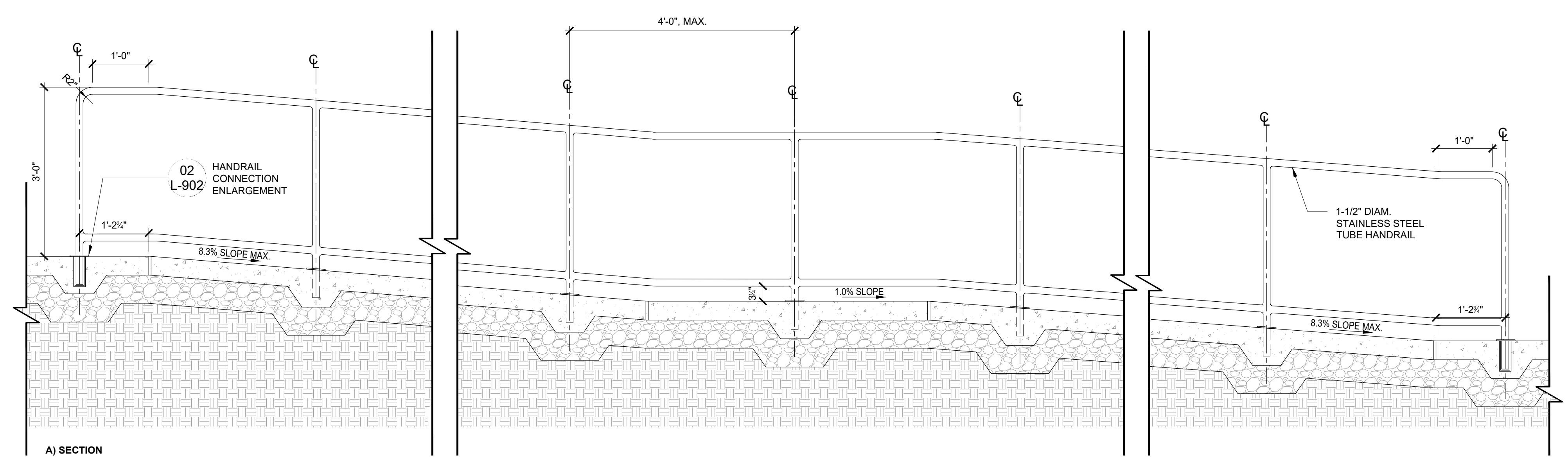
DRAWING TITLE
DETAILS - RAMP AND RAILING

PROJECT NO. 16-25-7259-01	DRAWING NO. L-902
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



02 HANDRAIL CONNECTION ENLARGEMENT
 2" = 1'-0"



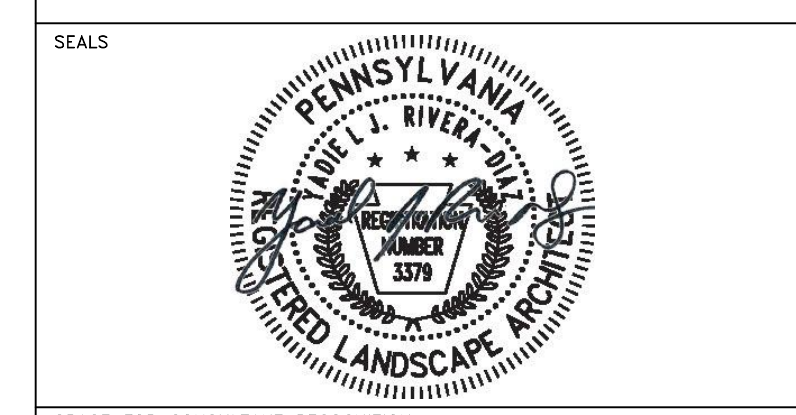
01 RAMP AND RAILING
 3/4" = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

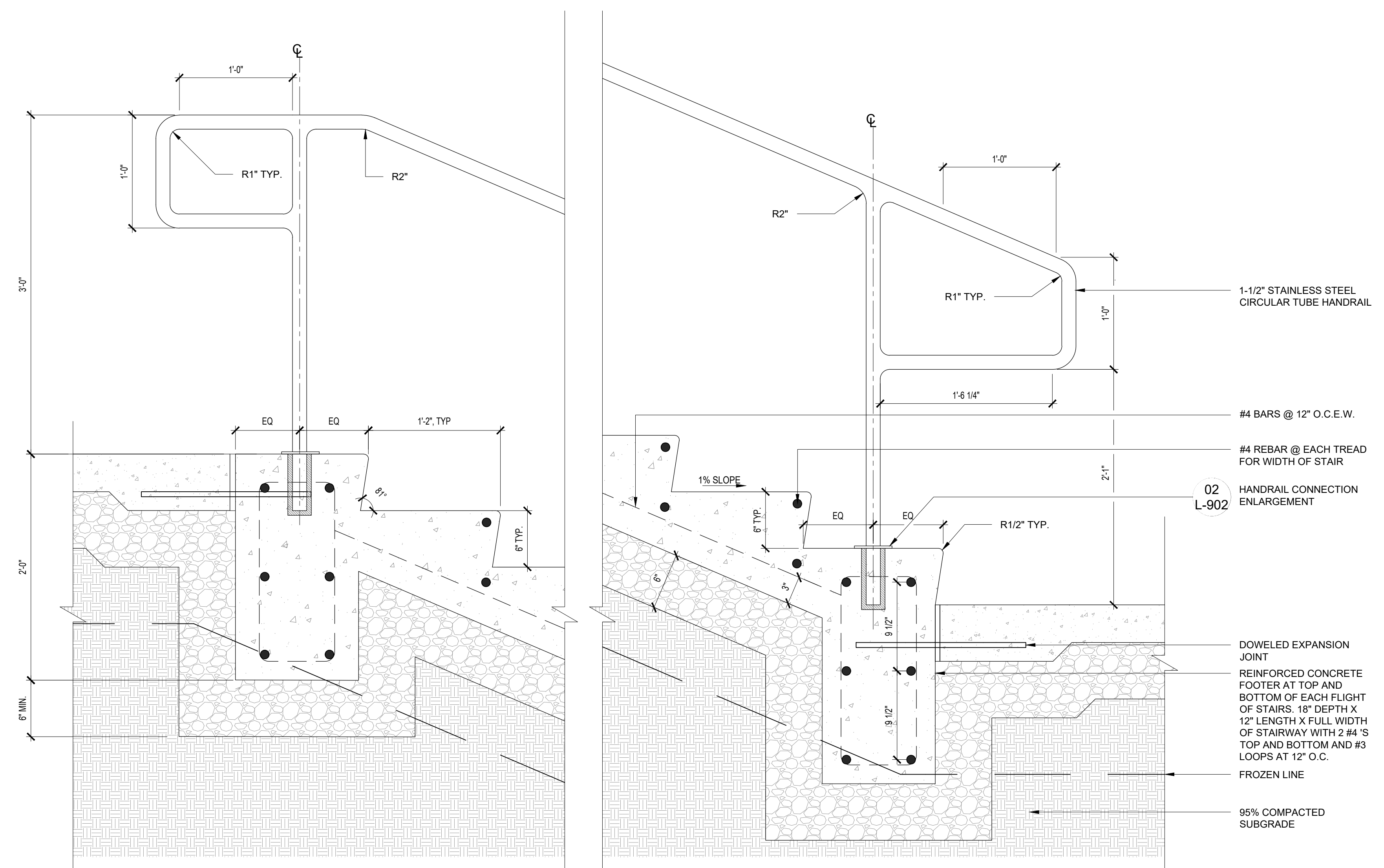
COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
DETAILS - STAIRS AND RAILING

PROJECT NO. 16-25-7259-01	DRAWING NO. L-903
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	



01 C.I.P CONCRETE STAIR
1 1/2" = 1'-0"

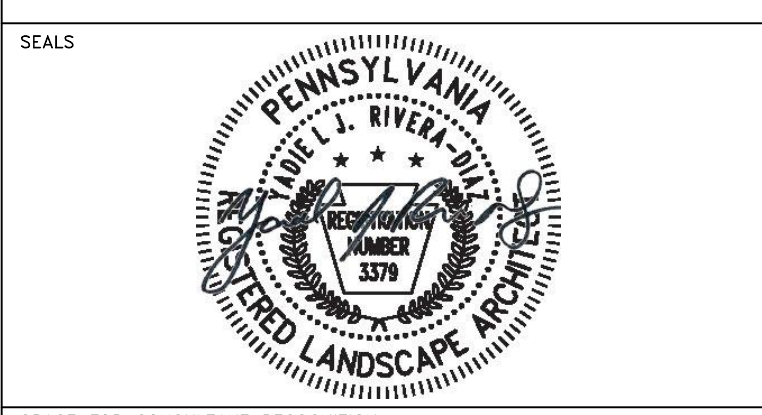
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE

ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE

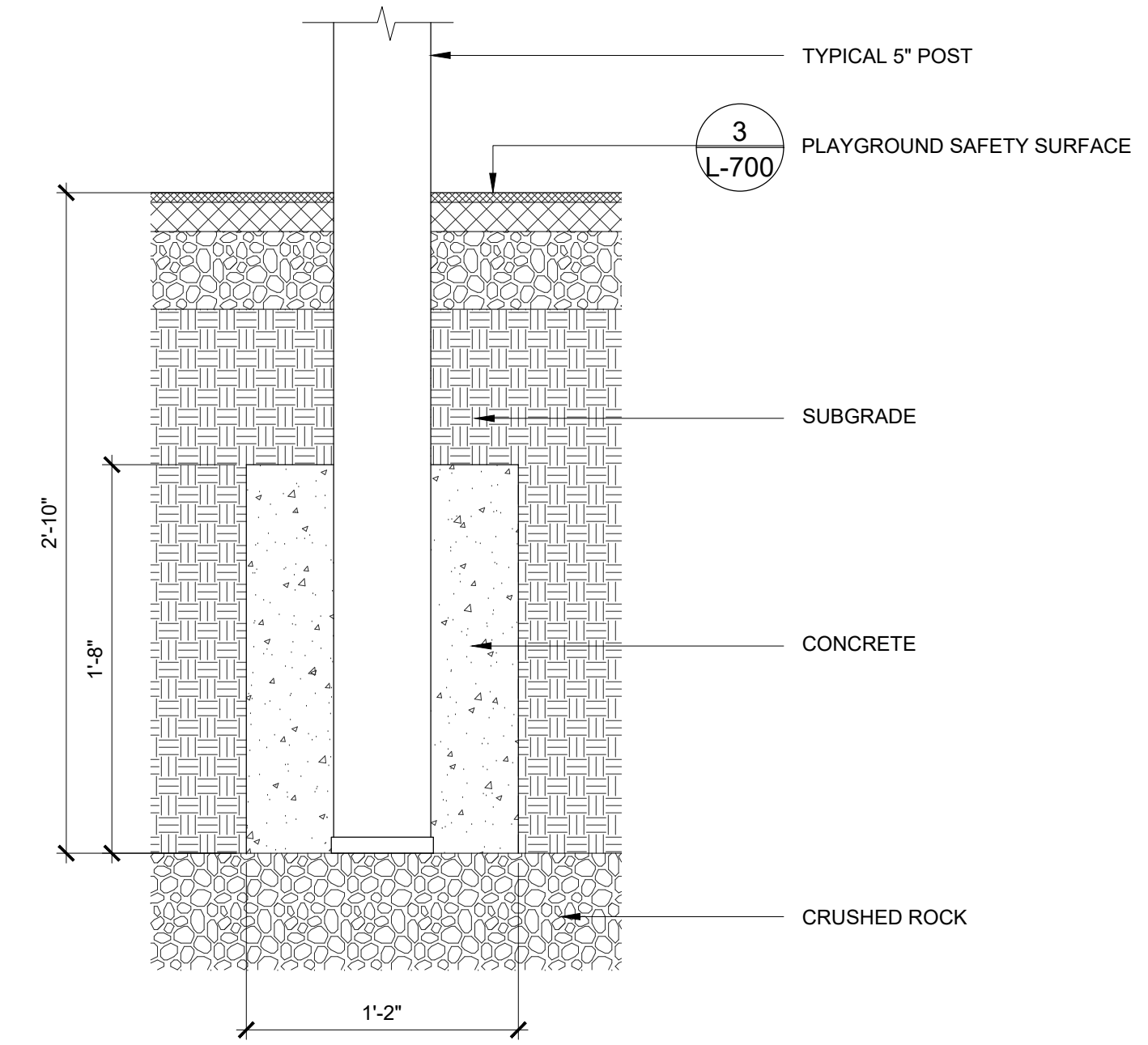
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE

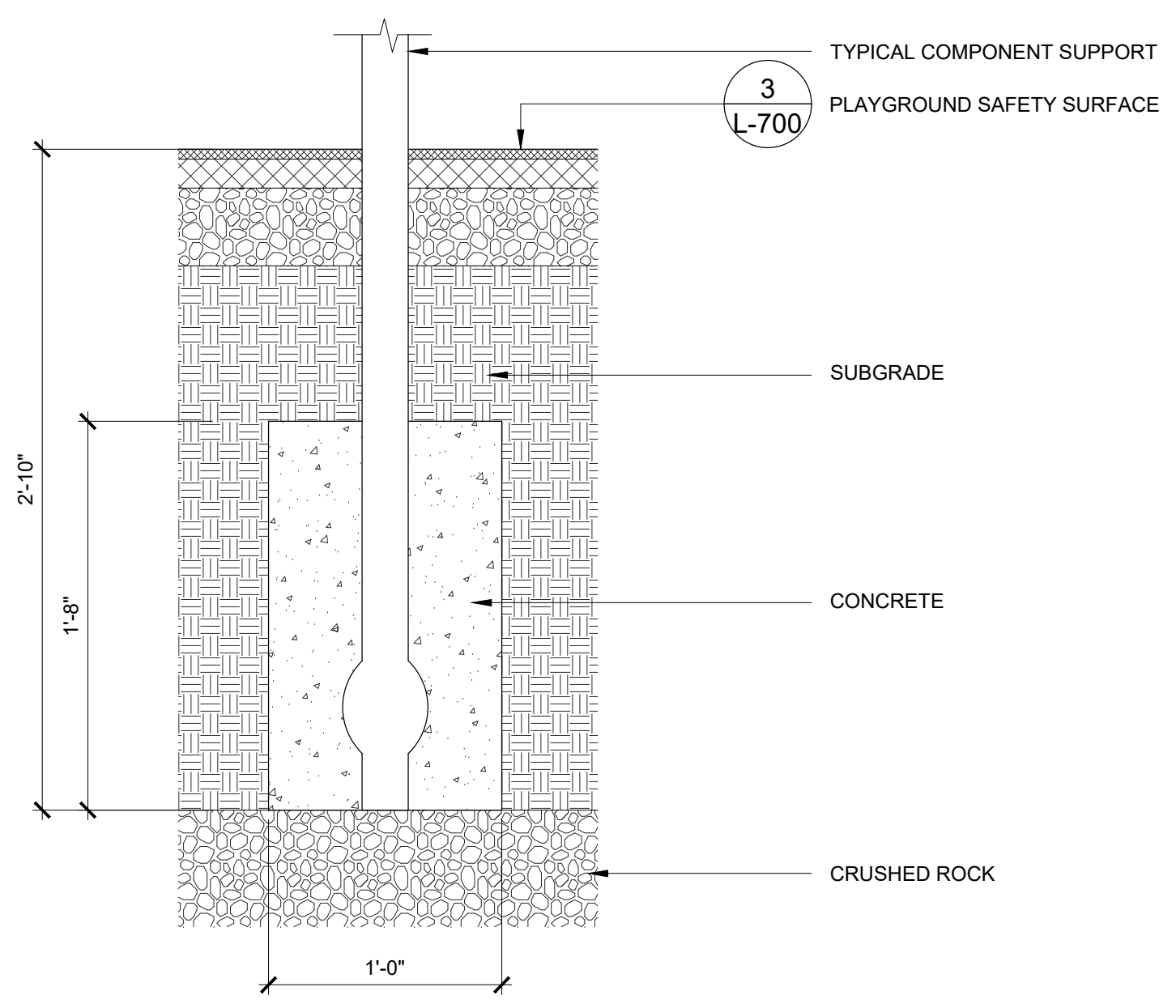
DETAILS - FOOTING

PROJECT NO. 16-25-7259-01	DRAWING NO. L-904
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



02 TYPICAL 5" POST - DIRECT BURY
1 1/2" = 1'

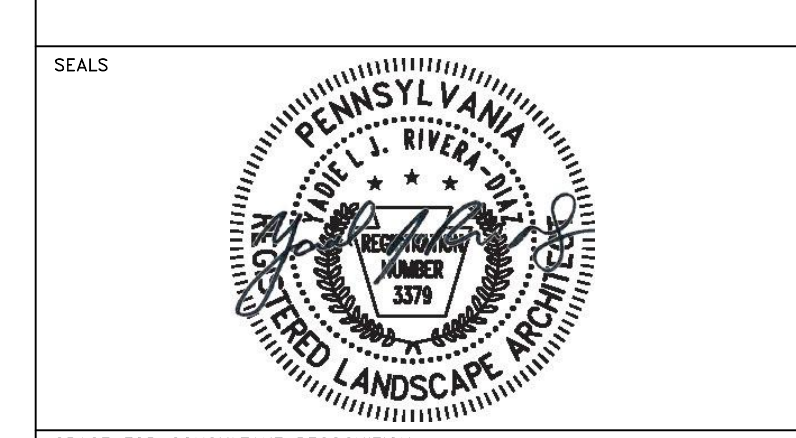


01 TYPICAL COMPONENT - DIRECT BURY
1 1/2" = 1'

REVISIONS		
ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION

LANDSCAPE: MARVEL
145 Hudson Street, Floor 3, New York, NY 10013

CIVIL: AKRF
530 Walnut Street, Suite 998, Philadelphia, PA 19106

SURVEY: SHAHEED A. SMITH GEOSPATIAL
2005 S Easton Road, Suite 207, Doylestown, PA 18901

ARBORIST: MORRIS ARBORETUM & GARDENS
100 East Northwestern Avenue, Philadelphia, PA 19118

COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
32 Broadway, 8TH Floor, New York, NY 10004

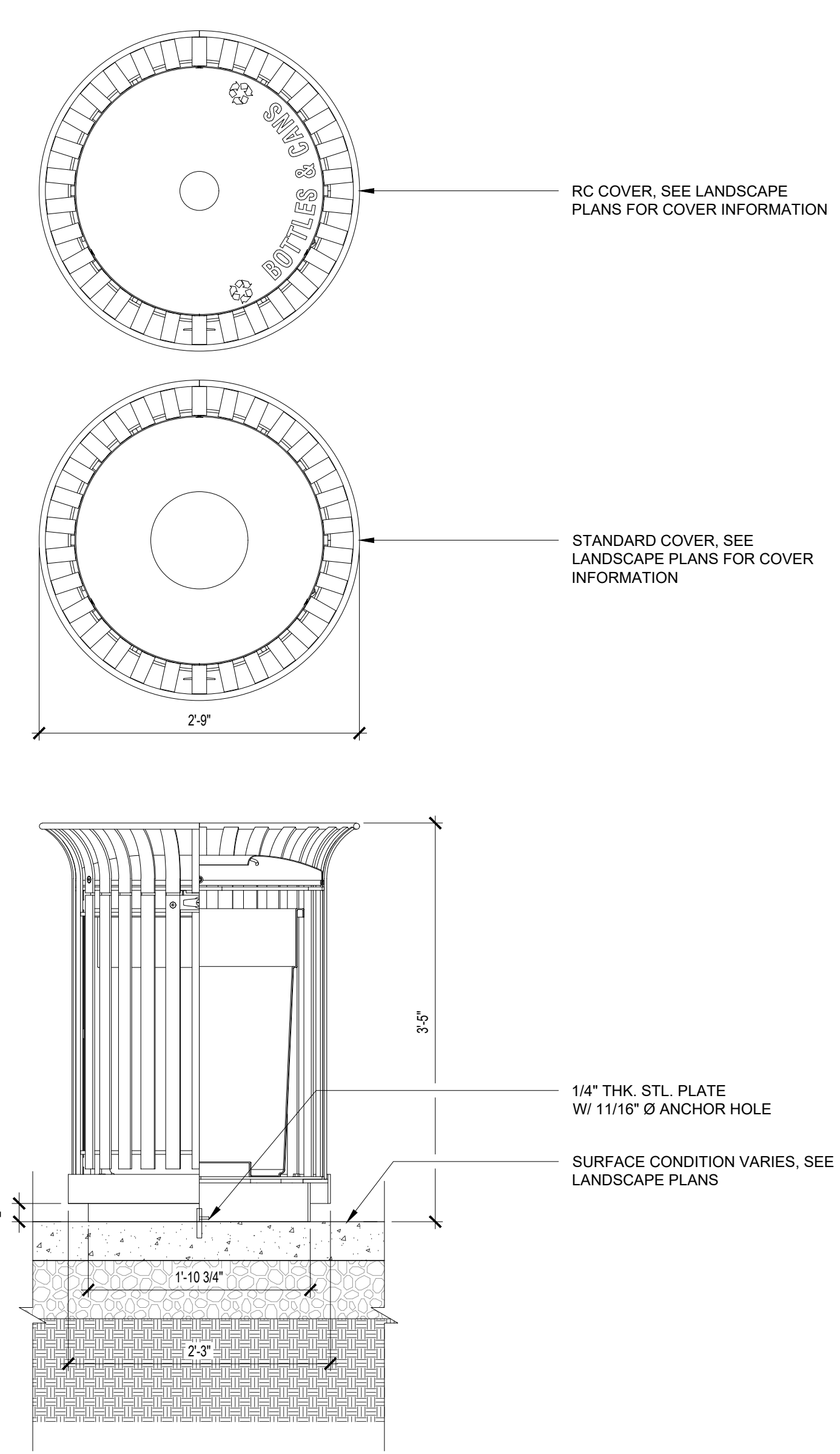
CITY OF PHILADELPHIA
CAPITAL PROGRAM OFFICE
ONE PARKWAY BUILDING
1515 ARCH STREET, 10TH FLOOR
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
39 STATE RTE 3007 PHILADELPHIA, PA 19130

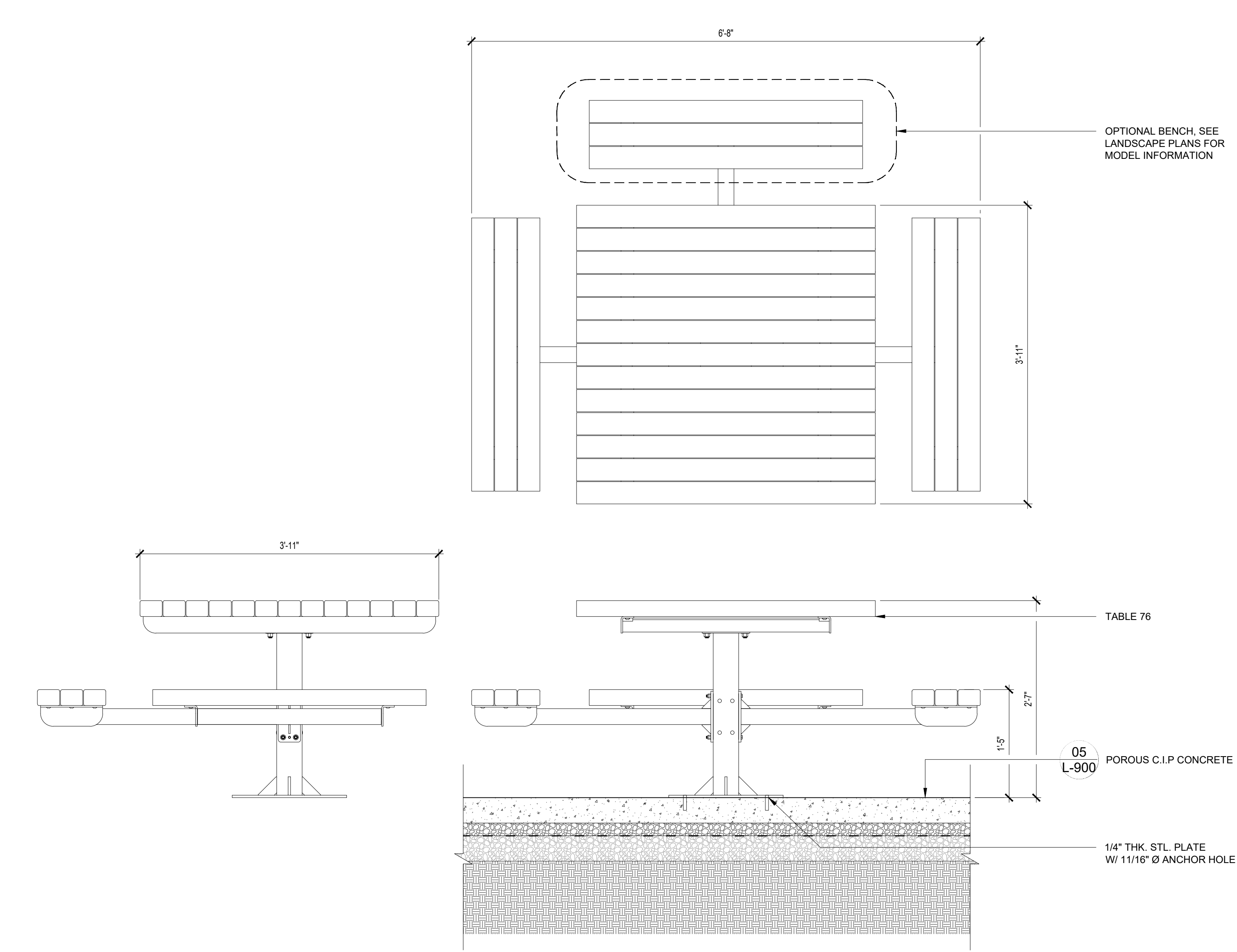
DRAWING TITLE
DETAILS - FURNISHING

PROJECT NO. 16-25-7259-01	DRAWING NO. L-905
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

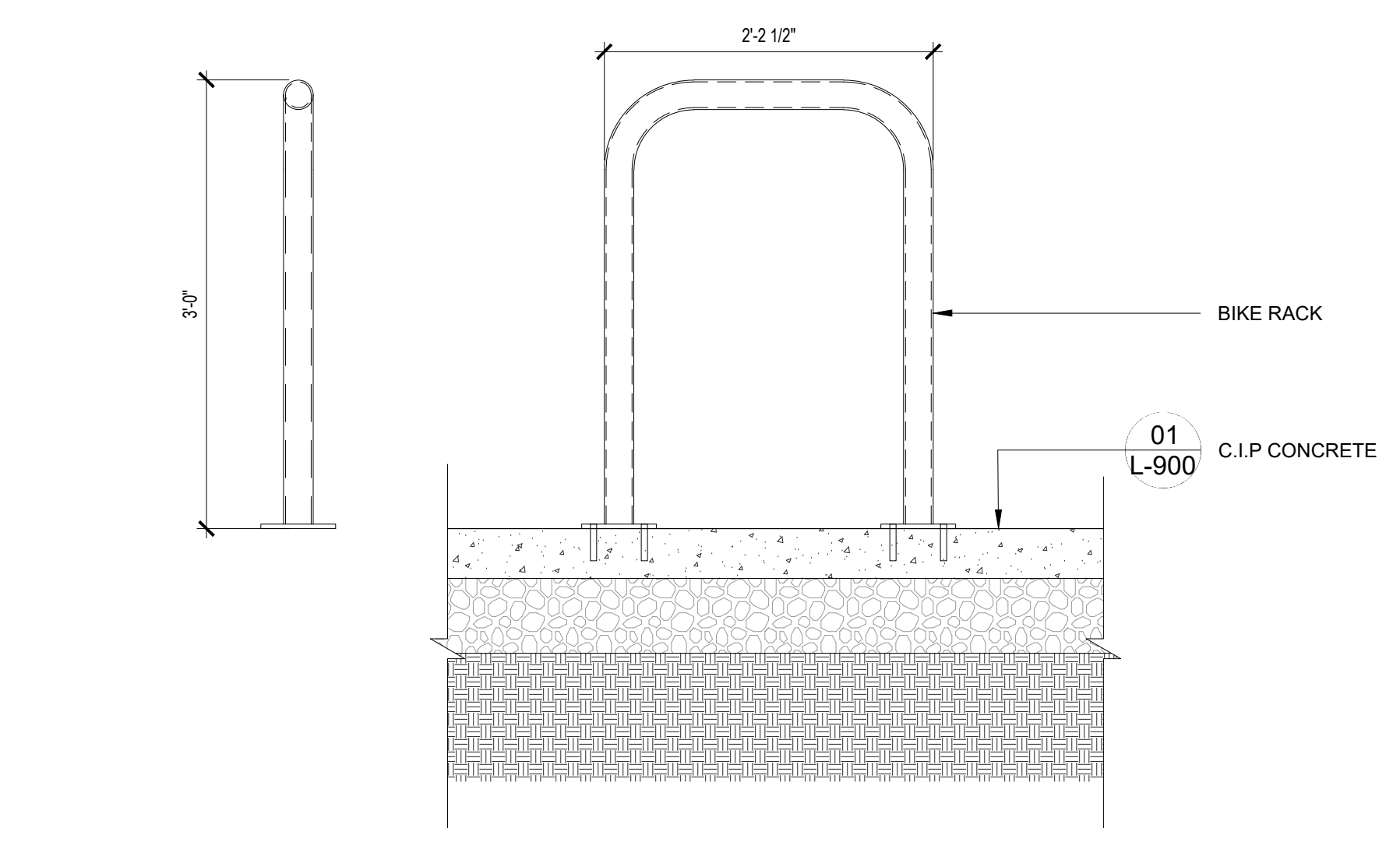
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



04 TRASH RECEPTACLE
1" = 1'-0"

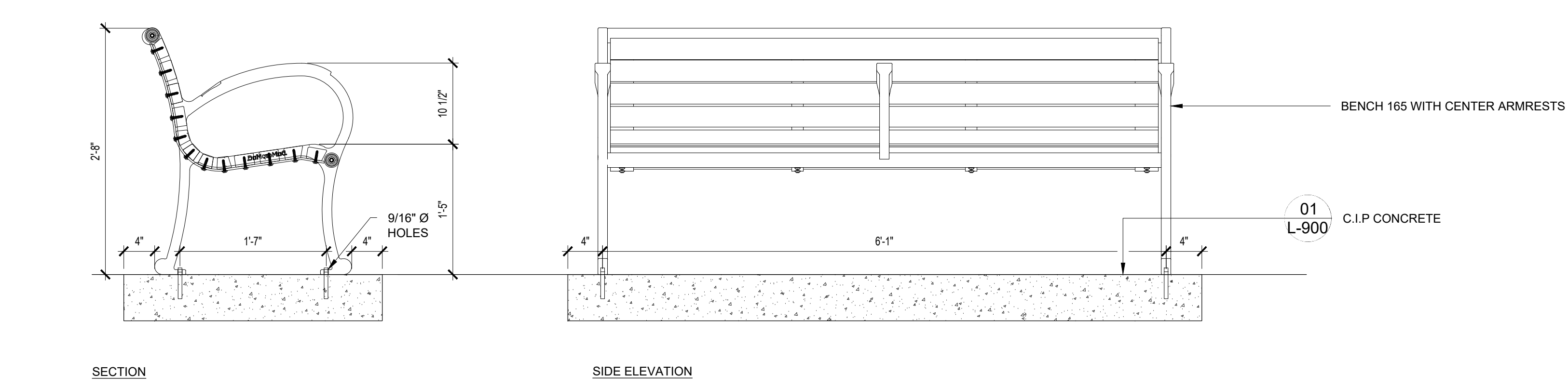


02 PICNIC TABLE
1" = 1'-0"



03 BIKE RACK
1" = 1'-0"

- NOTES**
- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
 - 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.



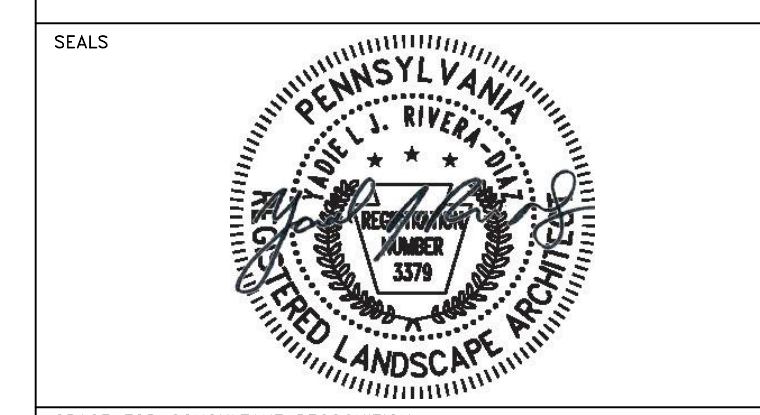
01 BENCH
1" = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doylestown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

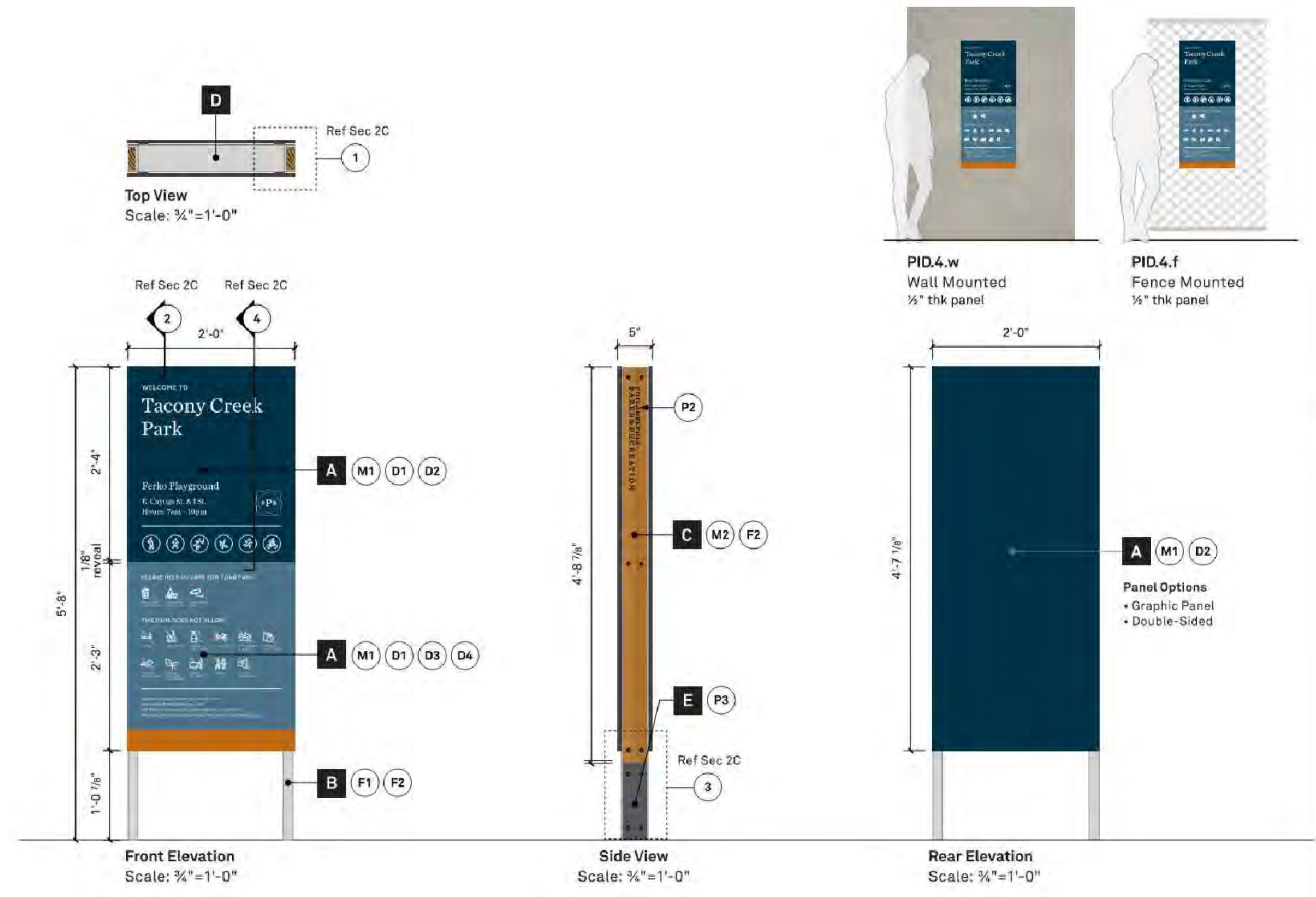
DRAWING TITLE
DETAILS - SIGNAGE

PROJECT NO. 16-25-7259-01	DRAWING NO. L-906
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

PID.4

Sign Type Description

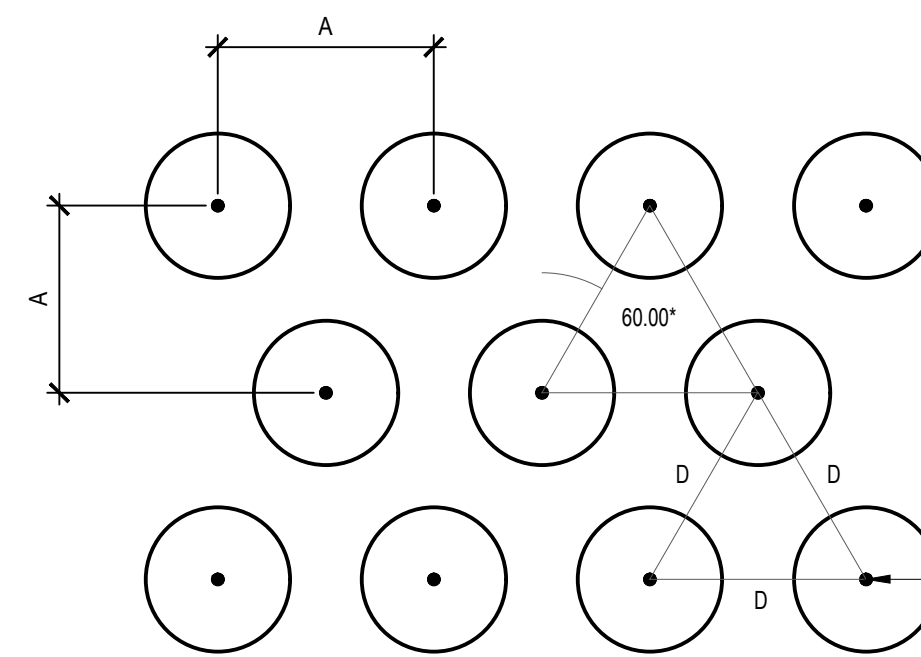
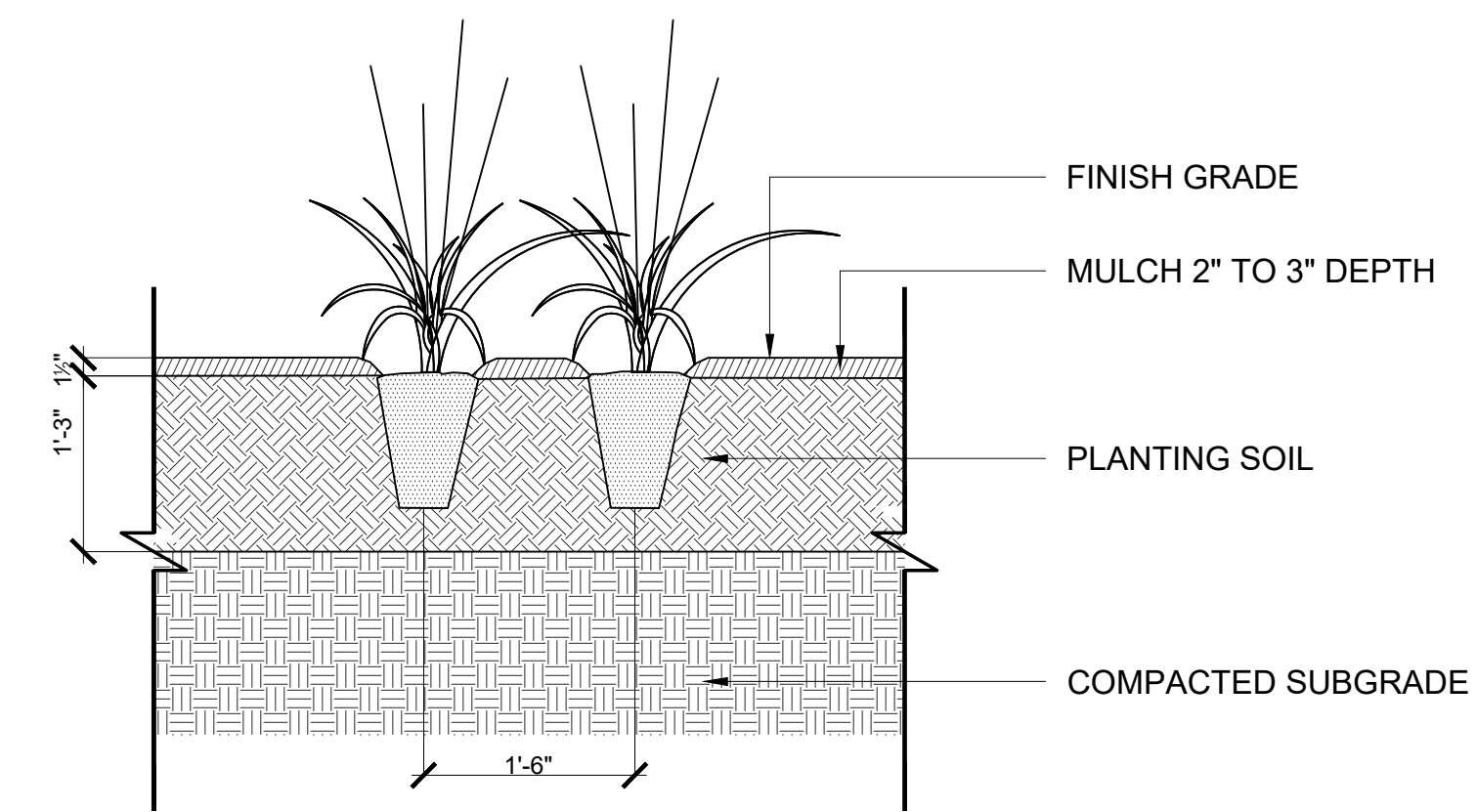
This sign type is a pedestrian-scale park identification sign. This sign type can be used at all property types to identify a field complex or other property assets.



- A Sign Panels**
Sizes vary. 1/8" thk custom high pressure laminate panels (CHPL). Printed messages and panel colors. Match colors as noted.
- B Aluminum Channel**
4" x 1 1/4" x .125 web 6063-T52 architectural (non-tapered) aluminum channel. Lengths vary. Finished and coated to match as noted.
- C Logo Panels**
3 3/8" x 1" thk black locust lumber. #1 grade, eased edges. Lengths vary. Laser etch and fill logo graphic. UV clear coated. Recess fasteners, first and second surfaces. See Detail 3 for fastener connections and sizes.
- D Support Tube**
2 x 4 aluminum tube welded to Aluminum Channels.
- E Footer Attachment**
3 3/8" x 1" thk aluminum welded to 3/4" thk aluminum plate. Drill and tap as required. Painted to match color as noted. Attach plate to concrete footer. Secure sign (channels) to footer attachments. Footer plate should be below grade and covered as specified in Detail 3.

Construction Details
 Refer to Section 2C + 2D for construction drawings and mounting details and Section 2E for placement guidelines.

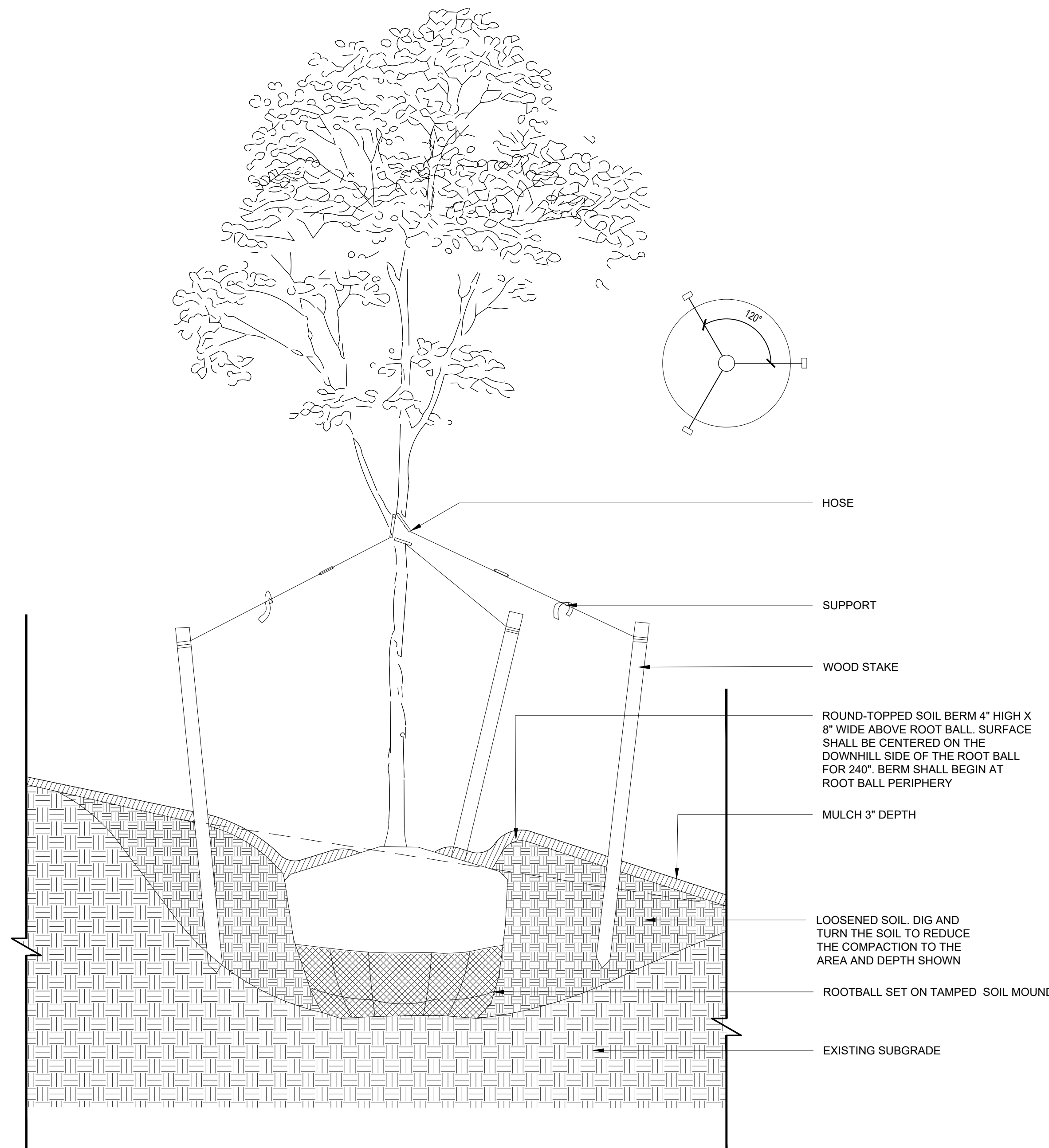
NOTE: PLEASE REFER TO CURRENT PPR SIGNAGE MANUAL FOR THE CONSTRUCTION DETAILS.



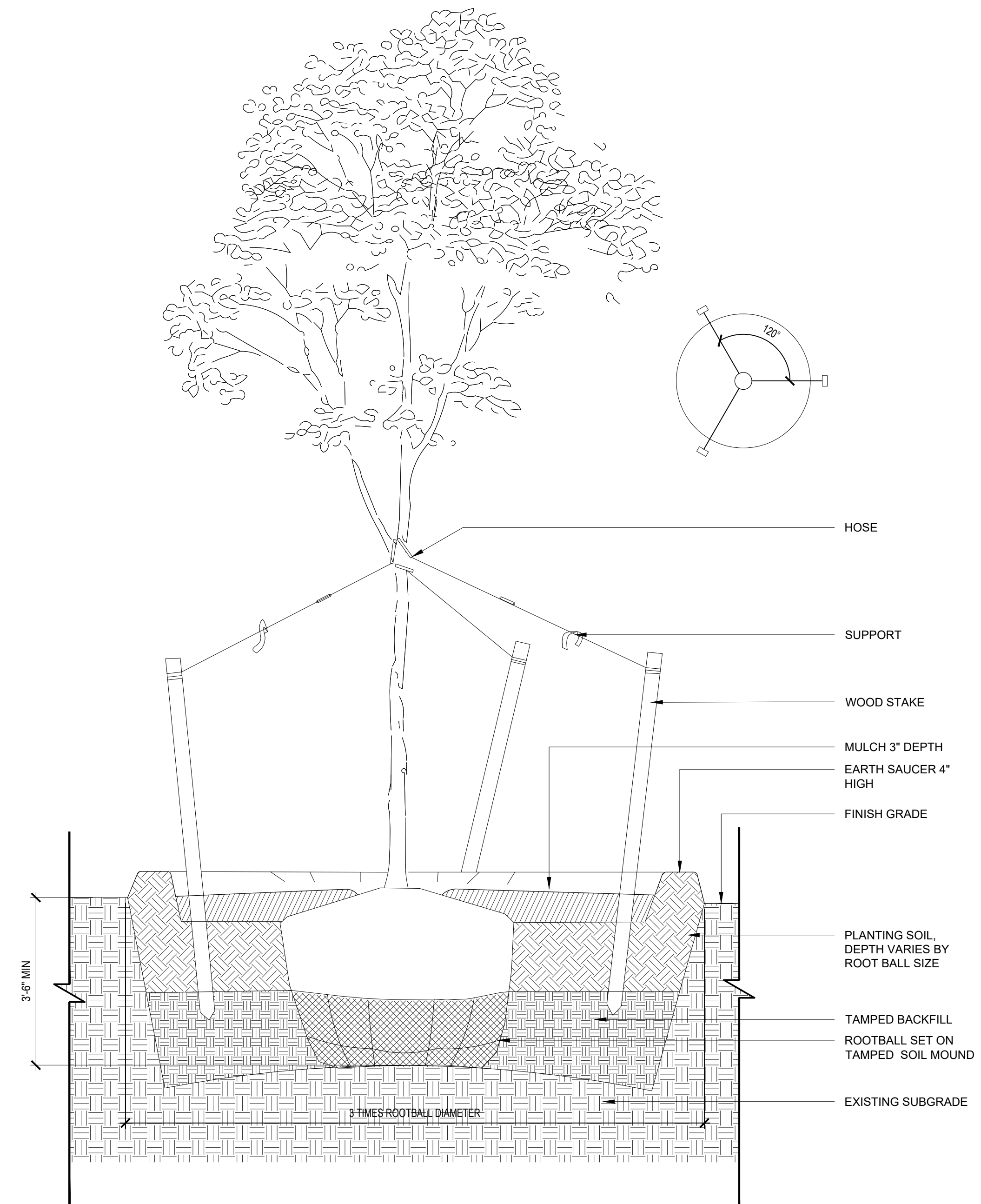
NOTE:
 1. REMOVE ALL WIRE AND PLASTIC TAGS OR SYNTHETIC MATERIAL FROM PLANTS PRIOR TO PLANTING
 2. D=TYPICAL ON CENTER (O.C.) SPACING AS INDICATED IN THE PLANT LIST

PLANT CENTER TYP.

03 GRASS PLANTING
 3/4" = 1'-0"



02 TREE PLANTING ON SLOPE
 1/2" = 1'-0"



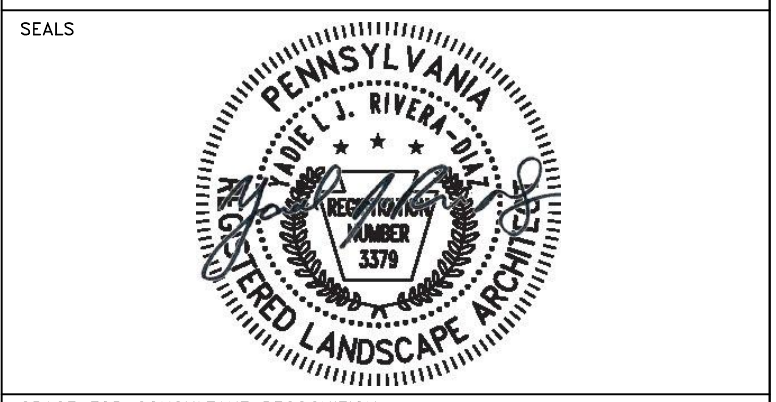
01 TREE PLANTING
 1/2" = 1'-0"

REVISIONS

ISSUE	DATE	REVISIONS
100% DD	11.21.2025	
25% CD	12.23.2025	
50% CD	01.16.2026	
90% CD	02.10.2026	
100% CD	03.04.2026	



PROJECT COORDINATOR: PRIYANKA MALIK



SPACE FOR CONSULTANT RECOGNITION
 LANDSCAPE: MARVEL
 145 Hudson Street, Floor 3, New York, NY 10013
 CIVIL: AKRF
 530 Walnut Street, Suite 998, Philadelphia, PA 19106
 SURVEY: SHAHEED A. SMITH GEOSPATIAL
 2005 S Easton Road, Suite 207, Doyletown, PA 18901
 ARBORIST: MORRIS ARBORETUM & GARDENS
 100 East Northwestern Avenue, Philadelphia, PA 19118
 COST ESTIMATOR: ELLANA CONSTRUCTION CONSULTANTS
 32 Broadway, 8TH Floor, New York, NY 10004

CITY OF PHILADELPHIA
 CAPITAL PROGRAM OFFICE
 ONE PARKWAY BUILDING
 1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
LEMON HILL PLAYGROUND
 39 STATE RTE 3007 PHILADELPHIA, PA 19130

DRAWING TITLE
DETAILS - PLANTING

PROJECT NO. 16-25-7259-01	DRAWING NO. L-907
DATE 03/04/2026	
SCALE AS NOTED	
DRAWN BY TW	
CHECKED BY TS	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.