

RENOVATIONS TO HANCOCK PLAYGROUND

PROJECT ADDRESS:

147 MASTER STREET
PHILADELPHIA, PA 19122

PROJECT NUMBER:

10-19-4399-01

PREPARED FOR:

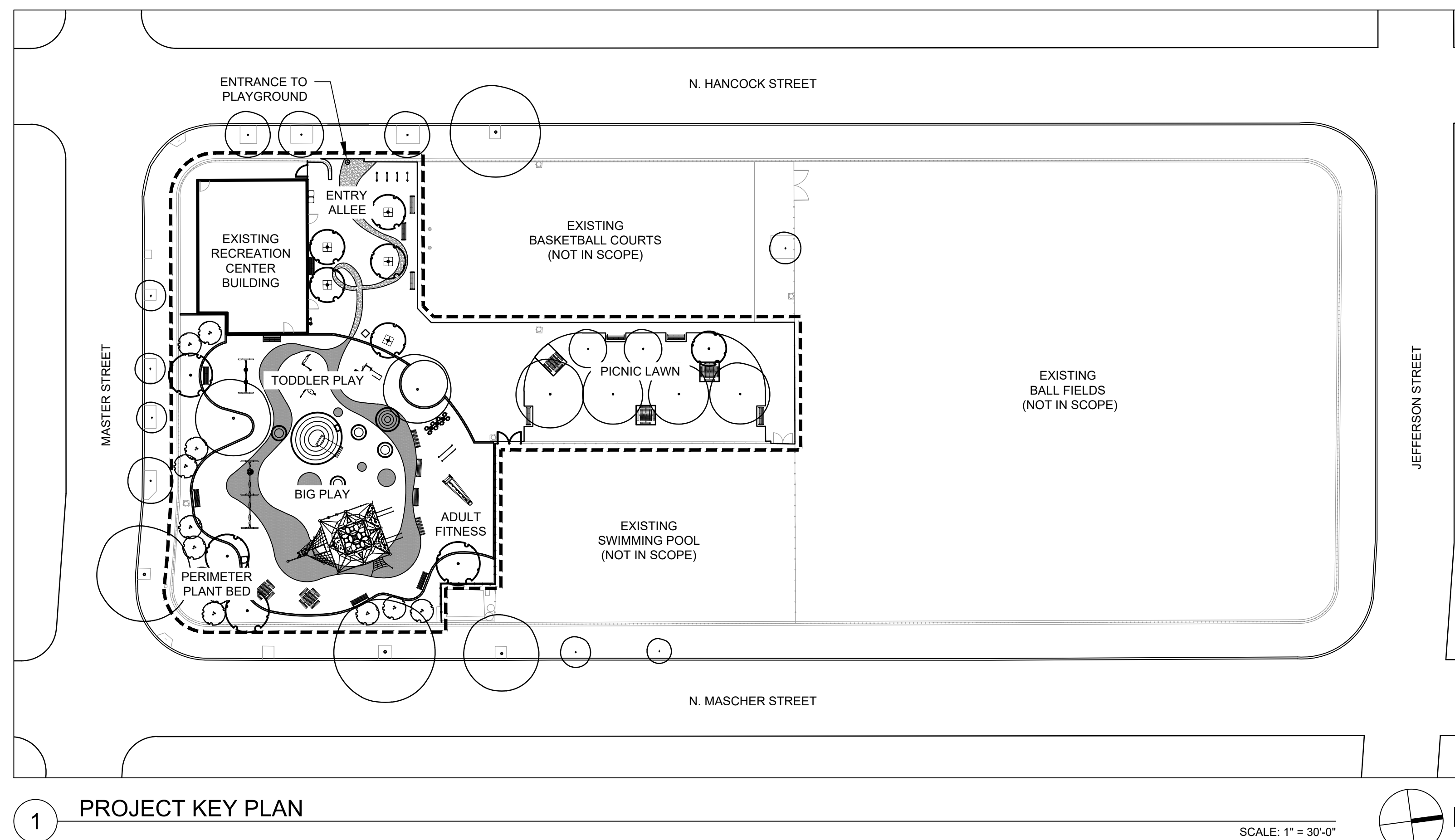
PHILADELPHIA PARKS & RECREATION
REBUILD PHILADELPHIA

PREPARED BY:

SALT DESIGN STUDIO
RODRIGUEZ CONSULTING, LLC

BID SET FOR CONSTRUCTION

OCTOBER 24, 2019



1 PROJECT KEY PLAN

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GENERAL NOTES:

- THE FOLLOWING NOTES SHALL APPLY THROUGHOUT. EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING.
- THE PROJECT PARCEL IS KNOWN AS HANCOCK PLAYGROUND, LOCATED AT 147 MASTER STREET, PHILADELPHIA, PENNSYLVANIA 19122.
 - THE PROPERTY AND PROJECT OWNER IS PHILADELPHIA PARKS AND RECREATION (PPR).
 - CONTACT: FRANK FABEY
CITY OF PHILADELPHIA
(215) 683-3622
frank.fabey@phila.gov
 - UNLESS DESIGNATED AS "ISSUED FOR CONSTRUCTION", THE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT SO THAT THE PROPER ISSUE OF PLANS CAN BE SUPPLIED.
 - THE CONTRACTOR SHALL COMPLY WITH ALL RULES, REGULATIONS, LAWS, AND ORDINANCES OF ALL AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT PARCEL. ALL LABOR, MATERIALS, EQUIPMENT, AND SERVICES NECESSARY TO COMPLY WITH THE REQUIREMENTS SHALL BE PROVIDED WITHOUT ADDITIONAL COSTS TO THE OWNER.
 - ALL PERMITS FOR CONSTRUCTION SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF ALL WORK.
 - THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR THE REQUIRED CONSTRUCTION PERMITS, FEES, LICENSES, AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTROLLED INSPECTIONS AND TESTING REQUIRED IN THE SPECIFICATIONS.
 - WITHIN THREE (3) DAYS OF NOTICE TO PROCEED, THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE OF CONSTRUCTION SEQUENCING.
 - THE CONTRACTOR SHALL INCLUDE ALL PREPARATORY AND ASSOCIATED SUPPLEMENTARY WORK TO PROVIDE A COMPLETE AND FINISHED INSTALLATION.
 - THE CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS AND DISCUSS ANY POSSIBLE CONSTRUCTION CONFLICTS WITH THE LANDSCAPE ARCHITECT PRIOR TO THE START OF ANY WORK.
 - PHILADELPHIA PARKS AND RECREATION, AND ALL OTHER APPROPRIATE AUTHORITIES, SHALL BE NOTIFIED FORTY-EIGHT (48) HOURS IN ADVANCE OF COMMENCEMENT OF CONSTRUCTION OF ANY IMPROVEMENTS UNDER ITS JURISDICTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SECURE PROJECT SITE AND SAFE CONSTRUCTION AREA, AND PROVIDING FOR ALTERNATE PEDESTRIAN AND VEHICULAR TRAFFIC FLOW AROUND THE CONSTRUCTION SITE.
 - ALL SURROUNDING TRAFFIC CIRCULATION SHALL MEET THE REQUIREMENTS OF THE CITY OF PHILADELPHIA, THE STATE OF PENNSYLVANIA, AND ANY OTHER GOVERNING AUTHORITIES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING REQUIRED TRAFFIC WARNING SIGNS, BARRICADES, AND ANY AND ALL SAFETY MEASURES AS MAY BE REQUIRED BY LOCAL CODE, OSHA, AND PENNDOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
 - THE CONTRACTOR TO COORDINATE AND PROVIDE NECESSARY SIDEWALK CLOSURES AND PEDESTRIAN DETOURS AS REQUIRED.
 - THE CONTRACTOR MUST MAINTAIN ACCESS TO EXISTING RECREATION CENTER BUILDING AT ALL TIMES THROUGHOUT THE DURATION OF THE WORK. CONSTRUCTION SHALL BE PHASED AS REQUIRED.
 - THE CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
 - THE CONTRACTOR SHALL DISCONNECT AND / OR REMOVE ANY EXISTING PLUMBING, ELECTRICAL FIXTURES, WIRE CONDUITS, OR OTHER UTILITIES WHICH MIGHT INTERFERE WITH THE WORK OF THIS CONTRACT. AFTER NEW WORK IS COMPLETED, THE DISCONNECTED OR REMOVED ITEMS SHALL BE REINSTALLED BY THE CONTRACTOR AT THE SAME LOCATION OR AT NEW LOCATION AS DIRECTED. CONTRACTOR SHALL FURNISH ALL NECESSARY NEW MATERIALS / HARDWARE FOR COMPLETION OF WORK.
 - DURING WINTER MONTHS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SNOW AND ICE REMOVAL AND THE COMPLETE MAINTENANCE OF EXISTING PAVEMENTS WITHIN THE PROJECT LIMITS UTILIZED FOR CONSTRUCTION PURPOSES BY ALL TRADES. PAVEMENTS SHALL BE KEPT FREE OF OBSTRUCTIONS AND KEPT IN A SMOOTH RIDING CONDITION AT ALL TIMES. ALL POTHOLES, WASHOUTS, CAVE-INS, ETC. DEVELOPING DURING THIS PERIOD SHALL BE PROPERLY FILLED IN WITH MATERIAL APPROVED BY THE OWNER.
 - WHERE MANUFACTURERS NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS, IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. SUBSTITUTIONS OF PRODUCT SPECIFICATIONS THAT NOTE "OR APPROVED EQUAL" MUST BE APPROVED BY THE LANDSCAPE ARCHITECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEMONSTRATE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT THAT THE SUBSTITUTION IS EQUAL.
 - ALL UTILITIES, INCLUDING STORMWATER LINES AND LATERALS, CATCH BASINS, AND MANHOLES, SHALL BE PLACED PRIOR TO CONSTRUCTING PAVEMENTS.
 - THE CONTRACTOR IS TO EXERCISE CARE IN ALL OPERATIONS TO PROTECT EXISTING RECREATION CENTER BUILDING, TREES, FENCES, LIGHTS, SIGNS, PAVEMENTS, WALLS, UTILITIES, AND OTHER SITE FEATURES TO REMAIN. ANY DAMAGE RESULTING FROM THE WORK MUST BE RESTORED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.
 - THE CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING SITE FEATURES TO REMAIN THAT ARE DAMAGED OR EXPOSED DUE TO WORK OR REMOVALS. ANY PATCHING OR REPAIRING SHOULD RESULT IN FINISHES THAT MATCH THE PREVIOUSLY EXISTING CONDITIONS.
 - CONTRACTOR SHALL PROVIDE THE OWNER WITH AS-BUILT DRAWINGS OF ALL WORK AT THE COMPLETION OF THE PROJECT IN FORMAT AS AGREED UPON WITH OWNER.

NOTES ON USE OF PLANS:

- DRAWINGS ARE NOT TO BE SCALED.
- ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS MUST BE VERIFIED ON THE SITE BY THE CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK.
 - ANY CONFLICTS, ERRORS, AMBIGUITIES, OR DISCREPANCIES IN THE DRAWINGS OR SPECIFICATIONS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT.
 - NO CHANGES OF THE WORK ARE PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT.
 - NO WORK SHALL PROCEED UNTIL DISCREPANCIES OR CONFLICTS HAVE BEEN RESOLVED.
- THE DRAWINGS CONTAIN DATA INTENDED SPECIFICALLY FOR THE NOTED PROJECT LIMITS. THEY ARE NOT INTENDED FOR USE ON EXTENSIONS OF THIS PROJECT OR FOR REUSE ON ANY OTHER PROJECT.
- MODIFICATION OF THE DRAWINGS OR ANY OTHER PORTION THEREOF IS PROHIBITED.
- ALL WORK ON THE DRAWINGS SHALL BE CONSIDERED NEW WORK, WHETHER STATED OR NOT, EXCEPT WHERE SPECIFICALLY NOTED AS "EXISTING TO REMAIN".
- ELECTRONIC FILES OF THE PLAN DRAWINGS ARE AVAILABLE UPON REQUEST FOR LAYOUT PURPOSES. THE GRAPHICAL INFORMATION CONTAINED IN ELECTRONIC FILES IS INTENDED AS DRAWING DATA ONLY; IT IS NOT INTENDED TO SERVE AS SURVEY LAYOUT DATA.

CONTRACTOR SURVEY NOTES:

- SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO IN MARCH 20, 2019.
 - THE CONTRACTOR SHALL PROVIDE SUFFICIENT SURVEY CONTROL SUCH THAT IT CAN BE VERIFIED AT ALL TIMES THAT CONSTRUCTION IS BEING ACCOMPLISHED AT THE PROPER LOCATION AND GRADE. THE WORK SHALL NOT VARY MORE THAN 1/2-INCH FROM THE LINES AND GRADES SHOWN ON THE PLANS.
- CONSTRUCTION COORDINATION:**
- A NUMBER OF OTHER CONSTRUCTION ACTIVITIES WILL BE UNDERTAKEN BY OTHERS CONCURRENTLY WITH THIS WORK. CONTRACTOR SHALL COORDINATE WITH THE PHILADELPHIA REDEVELOPMENT AUTHORITY AND THEIR CONTRACTORS SO THAT WORK CAN OCCUR WITHOUT INTERRUPTION. NOTIFY THE OWNER OF ANY CONFLICTS DURING CONSTRUCTION ACTIVITY.
 - THE FOLLOWING PROJECTS WILL BE DONE BY OTHERS:
 - INSTALLATION OF HOSE BIBB ON EXTERIOR FACE OF RECREATION CENTER BUILDING.
 - WATER CONNECTION SERVICE FOR HOSE BIBB AND FOR DRINKING FOUNTAIN / BOTTLE-FILLING STATION (PROCUREMENT AND INSTALLATION OF DRINKING FOUNTAIN / BOTTLE-FILLING STATION IS PART OF THIS WORK).
 - SCRAPING AND PAINTING OF PERIMETER METAL FENCE.
 - REHABILITATION / REPAINTING OF MURAL ON EXTERIOR FACADE OF RECREATION CENTER BUILDING.
 - INSTALLATION OF STANDARD PHILADELPHIA PARKS AND RECREATION SIGNAGE ON BUILDING FACADE AND PERIMETER FENCING.

STANDARD ABBREVIATIONS:

| | | | |
|----------|--------------------------|---------|--------------------------------|
| AC. | acres | L. | length (of curve) |
| ADD. | addendum | LT. | light |
| ADJ. | adjustable | L.F. | linear feet |
| AGG. | aggregate | L.P. | low point |
| ALT. | alternate | | |
| ALUM. | aluminum | M.H. | manhole |
| ANC. | anchor, anchorage | MFR. | manufacture(er) |
| ANOD. | anodized | MAX. | maximum |
| APPROX. | approximate | MECH. | mechanic(al) |
| ARCH. | architec(ural) | MED. | medium |
| A.D. | area drain | MTL. | metal |
| ASPH. | asphalt | M. | meter(s) |
| | | MM. | millimeter(s) |
| B&B | balled and burlapped | MIN. | minimum |
| B.M. | bench mark | MISC. | miscellaneous |
| BIT. | bituminous | MOD. | modular |
| BLK. | block | | |
| BTM. | bottom | N | north |
| B.C. | bottom of curb | NOM. | nominal |
| B.W. | bottom of wall | N.I.C. | not in contact |
| BRK. | brick | N.T.S. | not to scale |
| BLDG. | building | NO. | number |
| | | | |
| CAL. | calliper | O.C. | on center(s) |
| CK. | caulk(ing) caulk(ing) | OPP. | opposite |
| C.I. | cast iron | O.H. | opposite hand |
| C.I.P.C. | cast-in-place concrete | O.D. | outside diameter |
| C.B. | catch basin | | |
| CEM. | cement | PTD. | paint(ed) |
| C.L. | center line | P.V.G. | pave(ing) |
| CM. | centimeter(s) | PVMT. | pavement |
| CHAM. | chamfer | PERF. | perforate(d) |
| C.L.F. | chain link fence | PL. | plate |
| CIR. | circle | PT. | point |
| CIRC. | circumference | P.V.C. | polyvinyl chloride |
| CLR. | clear(ance) | P.S.F. | pounds per square foot |
| CONC. | concrete | P.S.I. | pound per square inch |
| C.M.U. | concrete masonry unit | P.C.C. | point of compound curvature |
| CONST. | construction | P.O.C. | point of curvature |
| CONT. | container | P.I. | point of intersection |
| C.L.L. | contract limit line | P.R.C. | point of reverse curvature |
| C.J. | contraction joint | P.O.T. | point of tangent |
| C.M.P. | corrugated metal pipe | P.V.I. | point of vertical intersection |
| CORR. | corrugated | P.V.T. | point of vertical tangent |
| CS. | countersink | PL | property line |
| CRS. | course(s) | | |
| | | R. | radius |
| C.F. | cubic foot | RL. | rail(ing) |
| C.Y. | cubic yard | R.W.C. | rainwater conductor |
| | | REF. | reference |
| DP. | dampproofing | REBAR | reinforcement bar |
| D | degree of curvature | R.C.P. | reinforced concrete pipe |
| DEMO. | demolish, demolition | REINF. | reinforcing |
| DEP. | depressed | REV. | revision(s), revised |
| DTL. | detail | R.E. | rim elevation |
| DIAG. | diagonal | REQ. | required |
| DIA. | diameter | R.O.W. | right of way |
| D.B.H. | diameter breast height | RIS. | riser |
| DIM. | dimension | RD. | road |
| DIV. | division | | |
| DS. | downspout | S | south |
| D.T. | drain tile | SAN. | sanitary |
| DWG. | drawing | SCH. | schedule |
| D.F. | drinking fountain | SC. | score line |
| | | SEC. | section |
| E | east | SHT. | sheet |
| E.W. | each way | SHM. | similar |
| ELEC. | electric(al) | SL. | sleeve |
| EL. | elevation | SP'(S). | space(s) |
| ENCL. | enclosure(ure) | SPECS | technical specifications |
| ENG. | engineer | SQ. | square |
| EQ. | equal | S.S. | stainless steel |
| EQUIP. | equipment | STD. | standard |
| EST. | estimate | STA. | station |
| EX. | existing | STL. | steel |
| EXP. | exposed | S.D. | storm drain |
| EXT. | exterior | SW | stormwater |
| | | ST. | street |
| | | STR. | structural |
| | | | |
| FIN. | finish(ed) | T. | tangent |
| F.F.E. | finished floor elevation | TEL. | telephone |
| F.G. | finish grade | THK. | thick(ness) |
| FLG. | flashing | TOL. | tolerance |
| FLX. | flexible | T.C. | top of curb |
| F.H. | fire hydrant | T.SL. | top of slab |
| FL. | floor | T.W. | top of wall |
| FT. | foot or feet | TYP. | typical |
| FTG. | footing | | |
| FND. | foundation | U.O.N. | unless otherwise noted |
| FUT. | future | | |
| | | VAR. | varies |
| GA. | gage, gauge | VERT. | vertical |
| GALV. | galvanized | V.C. | vertical curve |
| G.V. | gas value | | |
| G.C. | general contract(or) | W. | west |
| GD. | grade, grading | WH.S. | wheel stop |
| | | | |
| GVL. | gravel | W. | width, wide |
| G. | gutter | WI | with |
| | | W/O | without |
| HDW. | hardware | WD. | wood |
| HWD. | hardwood | W.W.M. | woven wire mesh |
| HDR. | header | W.W.F. | welded wire fabric |
| H.D. | heavy duty | | |
| H.T. | height | Misc. | |
| H.P. | high point | @ | at |
| HOR. | horizontal | ' | feet, minutes |
| H.B. | hose bibb | " | inches, seconds |
| | | ° | degrees |
| INC. | include (d), (ing) | ⊥ | center line |
| I.D. | inside diameter | ∅ | round diameter |
| INT. | interior | # | pound, number |
| INV. | invert | | |
| I.J. | isolation joint | | |
| | | | |
| JT. | joint | | |



RENOVATIONS TO HANCOCK PLAYGROUND

147 MASTER STREET
PHILADELPHIA, PA
19122

PROJECT NUMBER:
10-19-4399-01



4100 MAIN STREET
SUITE 201
PHILADELPHIA, PA 19127
T: (215) 621-7600
www.saltdesignstudio.com



1301 N. 2nd STREET
PHILADELPHIA, PA 19122
T: (215) 839-8087
www.rodriguez.biz

BID SET FOR CONSTRUCTION

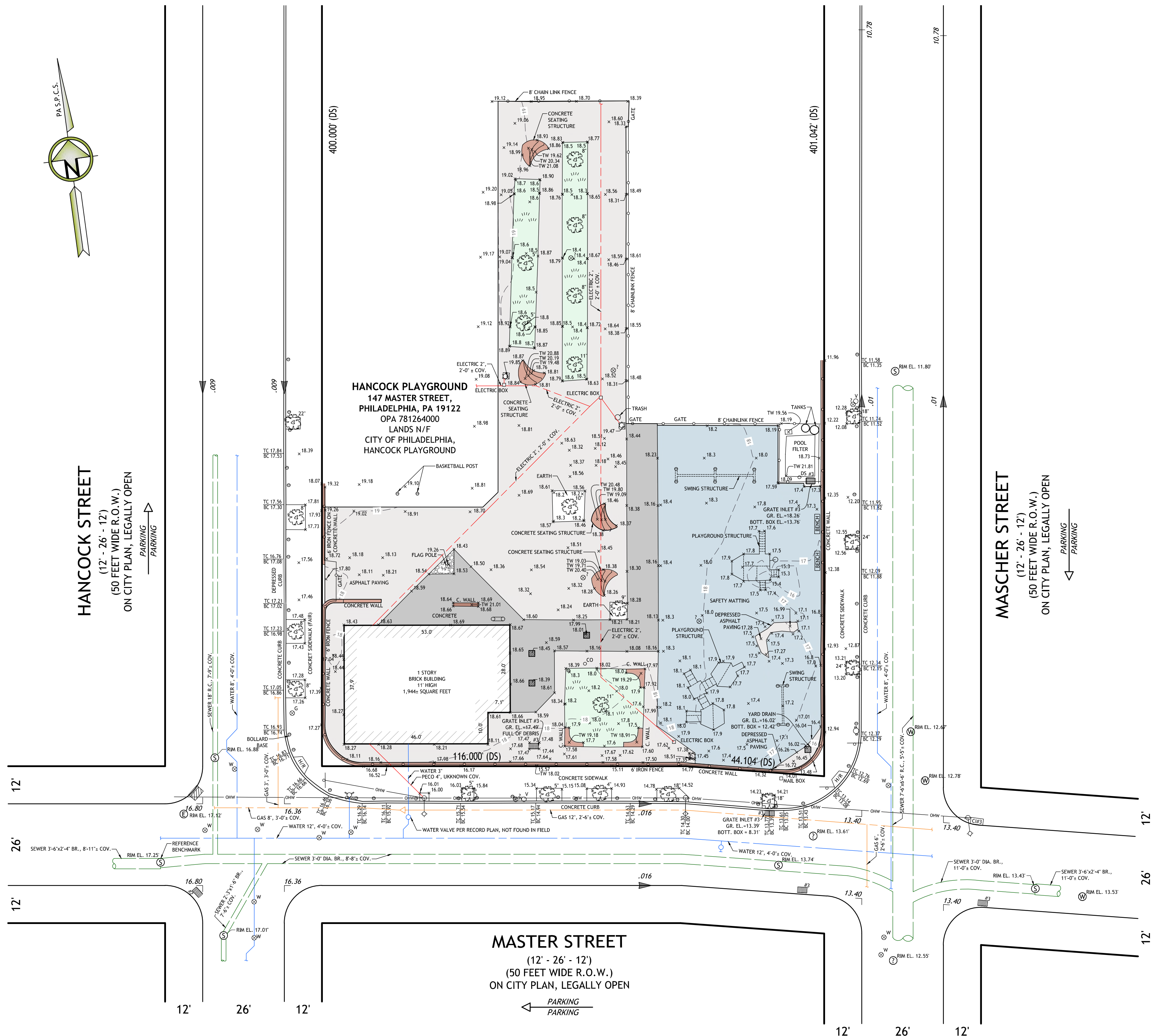
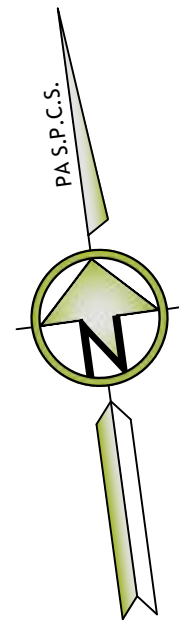


GENERAL NOTES

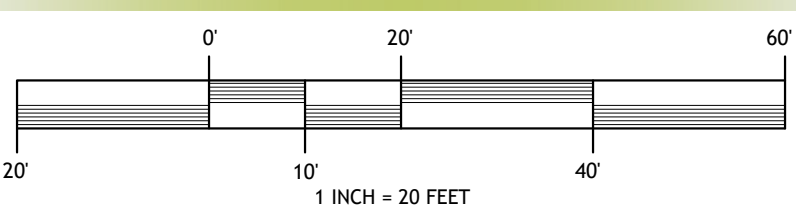
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| | | |
| | | |
| | | |

SCALE:
AS NOTED
DATE: 10/24/2019 DRAWN BY: KR
SHEET NUMBER: CHECKED BY: SPS

G-001



GRAPHIC SCALE



| LEGEND | |
|----------|----------------------------|
| | BOLLARD |
| | UTILITY POLE WITH LIGHT |
| | FIRE HYDRANT |
| | HIGH PRESSURE FIRE HYDRANT |
| | LIGHT POLE |
| | SIGN |
| | BIKE RACK |
| | GAS VALVE, GAS BOX |
| | WATER VALVE |
| | CURB BOX UNKNOWN ORIGIN |
| | SEWER VENT |
| | DOWNSPOUT |
| | HANDICAP RAMP |
| | TREE DECIDUOUS/TRUNK SIZE |
| | GATE INLET |
| | YARD DRAIN |
| | R.O.W. LINE |
| | FENCE |
| | MINOR CONTOUR LINE |
| | MAJOR CONTOUR LINE |
| | OVERHEAD WIRES |
| | SEWER, MANHOLE |
| | GAS LINE, MANHOLE |
| | ELECTRIC LINE, MANHOLE |
| | WATER LINE, MANHOLE |
| | ASPHALT |
| | STONE PAVING |
| | CONCRETE |
| | GRASS |
| | WALL |
| | SAFETY MATTING |
| TC 18.50 | TOP OF CURB ELEVATION |
| BC 28.00 | BOTTOM OF CURB ELEVATION |
| +27.00 | SPOT ELEVATION |
| INV. | INVERT |
| GR. | GRATE |
| BOTT. | BOTTOM |
| TW | TOP OF WALL |
| EL. | ELEVATION |
| C. | CONCRETE |



- NOTES**
- PLAN MADE AS PER INSTRUCTIONS OF:
SARA PEVAROFF SCHUH
SALT DESIGN STUDIO
4100 MAIN STREET, SUITE 201
PHILADELPHIA, PA 19127
TEL. 215.621.7600
 - PARCEL KNOWN AS HANCOCK PLAYGROUND LOCATED AT 147 MASTER STREET, PHILADELPHIA, PA 19122.
 - THE HORIZONTAL CONTROL NETWORK IS REFERENCED TO THE PENNSYLVANIA SOUTH ZONE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD83). THE VERTICAL CONTROL NETWORK IS REFERENCED TO CITY OF PHILADELPHIA DATUM BASED ON RIM OF SEWER MANHOLE PROVIDED ON SEWER PLAN #10012863 (S-40669-RD) S-4.
REFERENCE BENCHMARK:
RIM OF SEWER MANHOLE, LOCATED AT THE INTERSECTION OF MASTER ST. & HANCOCK ST.
RIM ELEVATION = +17.25'
 - ACTUAL FIELD SURVEY WAS PERFORMED BY RODRIGUEZ CONSULTING, LLC DURING MONTH OF MARCH, 2019.
 - ALL DIMENSIONS ARE SHOWN IN UNITED STATES SURVEY FEET UNITS UNLESS DESIGNATED "DS" TO DENOTE PHILADELPHIA DISTRICT STANDARD FEET UNITS. PHILADELPHIA DISTRICT STANDARD MEASURE IS USED TO DEFINE PARTY LINES AND PROPERTY LINES IN EACH BLOCK.
 - UNLESS SPECIFICALLY STATED OR SHOWN HEREON TO THE CONTRARY, THIS SURVEY IS MADE SUBJECT TO AND DOES NOT LOCATE OR DELINEATE:
 - BUILDING SETBACK LINES, ZONING REGULATIONS OR LINES ESTABLISHED BY ANY FEDERAL, STATE OR LOCAL AGENCY WHICH MAY AFFECT THE BUILDING OR DEVELOPMENT POTENTIAL OF THE SUBJECT PROPERTY.
 - ANY SUBSURFACE OR SUBTERRANEAN CONDITION, SUBSURFACE UTILITIES, EASEMENTS OR RIGHTS INCLUDING, BUT NOT LIMITED TO, MINERAL OR MINING RIGHTS.
 - THE LOCATION OR RIGHTS TO ANY SUBSURFACE STRUCTURES, CONTAINERS OR FACILITIES OR ANY OTHER NATURAL OR MAN-MADE SUBSURFACE CONDITION WHICH MAY OR MAY NOT AFFECT THE USE OR DEVELOPMENT POTENTIAL OF THE SUBJECT PROPERTY.
 - UTILITIES ARE TAKEN FROM PUBLIC RECORD. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION AND DEPTH.
 - IN SOME INSTANCES, UTILITIES ARE TAKEN FROM SURFACE OBSERVATION OF THE SITE. UTILITIES AS SHOWN ARE APPROXIMATE AND MAY OR MAY NOT BE COMPLETE.
 - LOCATIONS OF ON SITE UTILITIES AS SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM EXISTING UTILITY RECORDS AVAILABLE AND FROM SURFACE OBSERVATION OF THE SITE AT THE TIME THESE PLANS WERE PREPARED. THE LOCATIONS ARE APPROXIMATE, AND MAY OR MAY NOT BE COMPLETE. THE NATURE AND EXACT LOCATION OF EXISTING UTILITIES SHOULD BE VERIFIED PRIOR TO INITIATING ANY ACTIVITY THAT MAY AFFECT THEIR USE OR LOCATION.
 - COMPLETENESS OF LOCATION OF UNDERGROUND UTILITIES AND STRUCTURES IS NOT GUARANTEED.
 - THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT OR COMPLETE TITLE REPORT AND IS NOT INTENDED TO GUARANTEE OWNERSHIP. THERE MAY EXIST RIGHT-OF-WAYS, EASEMENTS, CONDEMNATIONS, OR OTHER ISSUES THAT MAY AFFECT THE DEVELOPMENT OF THIS PARCEL.
 - WE ARE NOT EXPERTS IN THE DETECTION AND/OR IDENTIFICATION OF POTENTIALLY HAZARDOUS SOILS AND SUBSTANCES; THEREFORE, THIS PLAN DOES NOT PURPORT TO LOCATE OR REVEAL SAME.
 - VAULTS, IF ANY, BELOW SURFACE NOT SHOWN HEREON.
 - ONLY COPIES FROM THE ORIGINAL OF THIS PLAN, CLEARLY MARKED WITH APPROPRIATE PROFESSIONAL SEAL SHALL BE CONSIDERED TO BE VALID COPIES. THIS CORPORATION AND/OR ITS EMPLOYEES ARE NOT LIABLE FOR ERRORS OR OMISSIONS RESULTING FROM THIS CONDITION.
 - THIS PLAN DOES NOT SHOW, OR INTEND TO SHOW, ANY NON-RECORDED EASEMENTS OR RIGHT-OF-WAY.

LIST OF IDENTIFIED UTILITIES

| | |
|--|--|
| <p>COMPANY: PECO ENERGY ADDRESS: C/O USX 450 S HENDERSON RD SUITE B KING OF PRUSSIA, PA. 19406 CONTACT: NIKKIA SIMPKINS EMAIL: nikkiastimpkins@peco.com PHONE: 215-731-3283</p> | <p>COMPANY: PHILADELPHIA GAS WORKS ADDRESS: 800 W MONTGOMERY AVE PHILADELPHIA, PA. 19122 CONTACT: MICHAEL PARZANESE EMAIL: MICHAEL.PARZANESE@PGWORKS.COM PHONE: 215-731-3283</p> |
| <p>COMPANY: PHILADELPHIA CITY WATER DEPARTMENT ADDRESS: 1101 MARKET STREET 2ND FLOOR ARA TOWER PHILADELPHIA, PA. 191072994 CONTACT: ERIC PONERT EMAIL: eric.ponert@phila.gov PHONE: 215-685-6272</p> | <p>COMPANY: VERIZON PENNSYLVANIA INC ADDRESS: 180 SHEREE BLVD STE 2100 EXTON, PA. 19341 CONTACT: KELLY BLOUNT EMAIL: kelly.b.blount@verizon.com PHONE: 610-280-1914</p> |
| <p>COMPANY: PHILADELPHIA CITY DEPT OF STREETS ADDRESS: 1401 JFK BLVD ROOM 940 5MS PHILADELPHIA, PA. 191021676 CONTACT: MAUREEN WANGARI EMAIL: maureen.wangari@phila.gov</p> | <p>COMPANY: AT&T ADDRESS: 340 GEE MALL BUSINESS PKWY NE CONYERS, GA. 30013 CONTACT: NANCY SPENCE EMAIL: ns2821@att.com</p> |

PA ONE CALL NUMBER: 20190572877, 20190572878, 20190572884 & 20190572888

"CALL BEFORE YOU DIG"

PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM 1-800-242-1776, OR 811, 3 TO 10 WORKING DAYS PRIOR TO EXCAVATION.

STOP! CALL!

| NO. | DATE | REVISIONS |
|-----|----------|--|
| 1 | 09/24/19 | J.C. REVISED PLAN PER UPDATED SITE LAYOUT 09/24/19 |



SARA P. POINDEXTER, P.E.
PA PROFESSIONAL ENGINEER
LIC. NO. PE080979

10/23/2019 DATE

Sara SIGNATURE

Land Surveying
Civil Engineering
Land Development
Water Management
Digital Mapping
Construction Management

1301 N 2nd Street
Philadelphia, PA 19122
Phone: (215) 839-8087
Fax: (877) 839-6975
www.rodriquez.biz

A Certified Minority-Owned (MBE) & Disadvantaged Business Enterprise (DBE)

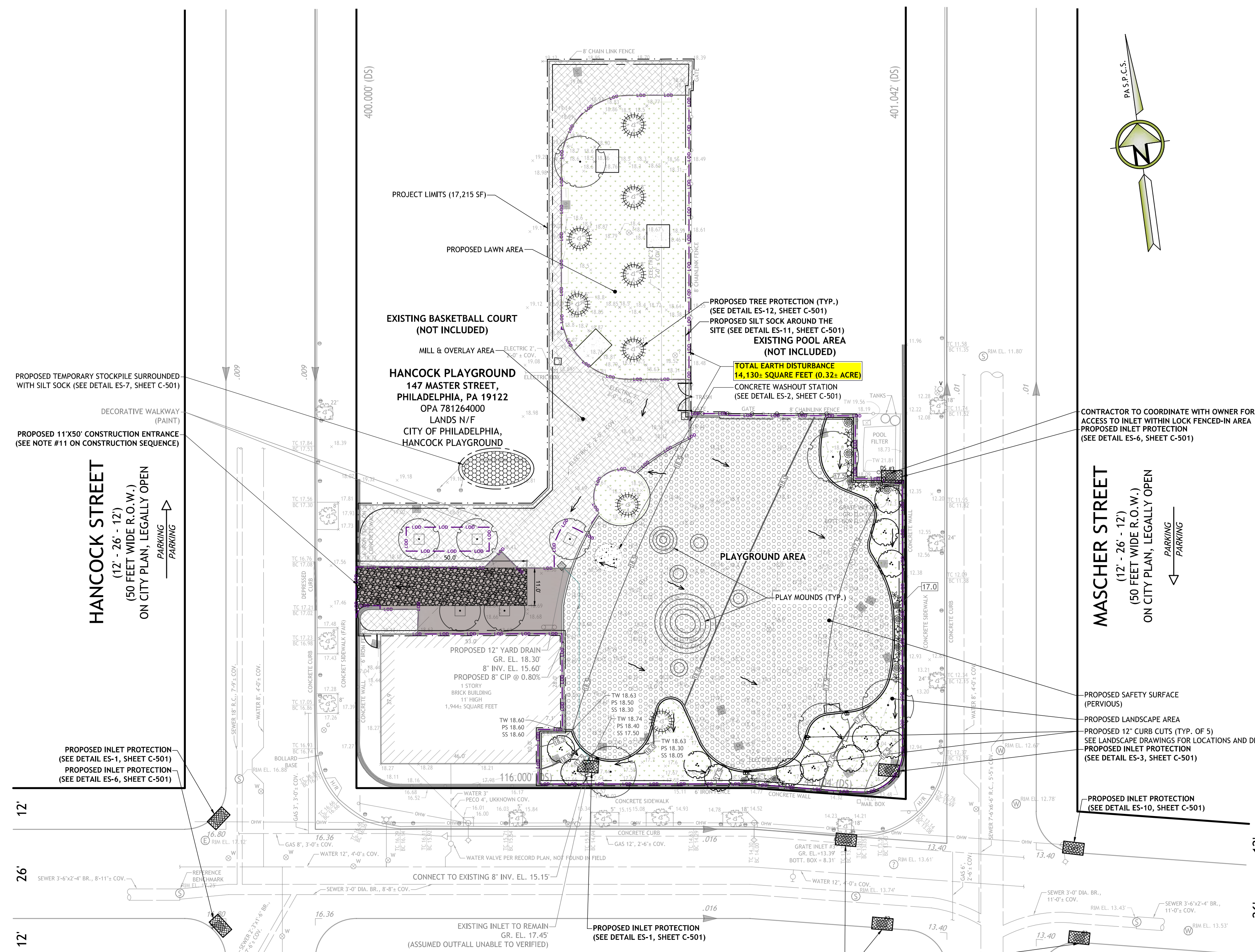
EXISTING CONDITIONS PLAN

PREPARED FOR

SALT Design Studio

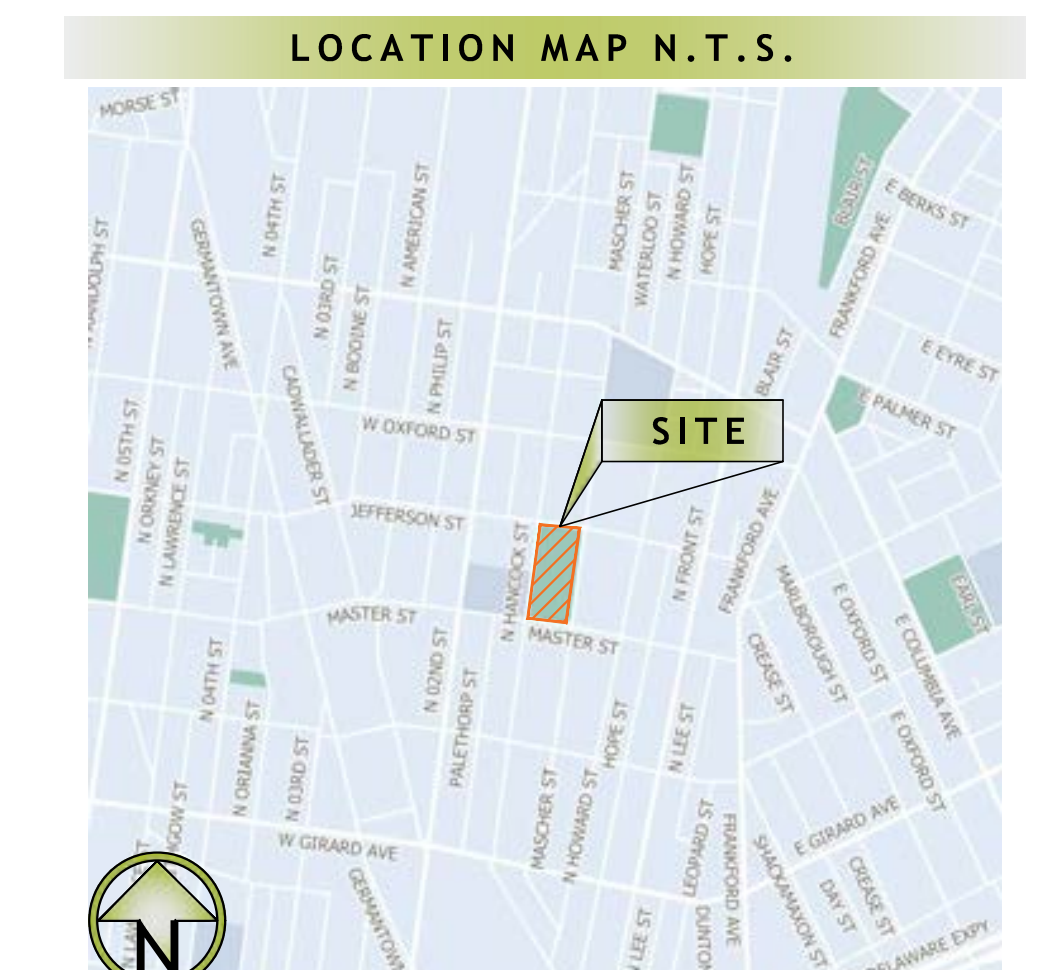
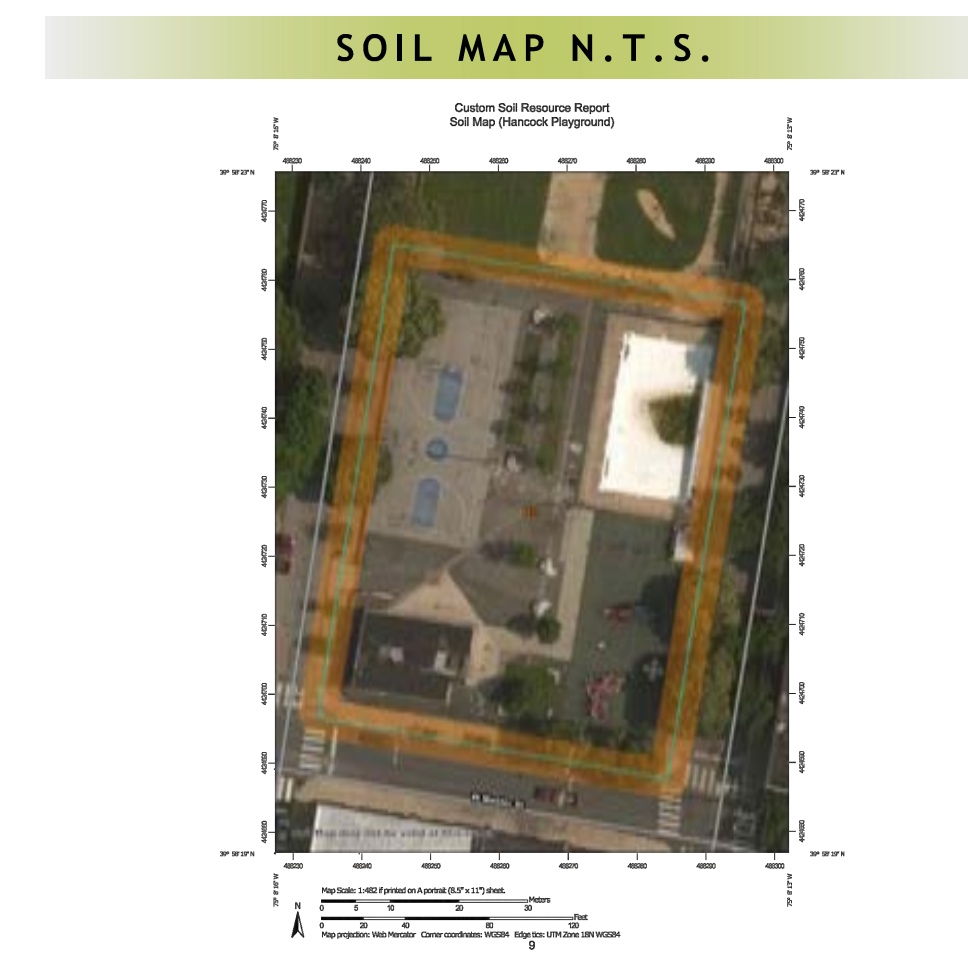
PROJECT : RENOVATIONS TO HANCOCK PLAYGROUND
PPR PROJECT NUMBER: 10-19-4399-01
Drwn/Chk By: J.S./D.V.S.
Municipality: CITY OF PHILADELPHIA
Ward: 18TH
County: PHILADELPHIA
State: PENNSYLVANIA
Scale: 1"=20'
Project Number: SALT 2019-001
File Name: SALT 2019-001_A_EXISTING CONDITIONS 2018.dwg
Field Date: 03/02/2019
Completed: 03/20/2019

Drawing Number: V-101



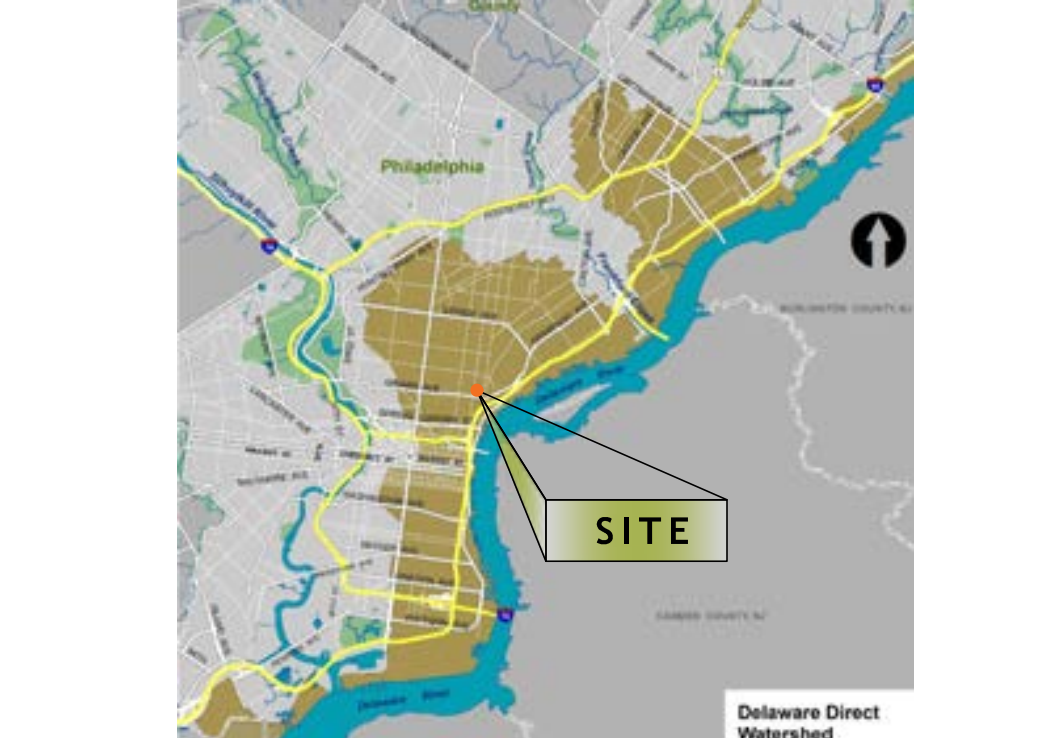
CONSTRUCTION SEQUENCE

1. 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 PRE-CONSTRUCTION MEETING.
2. CONDUCT A PRE-CONSTRUCTION MEETING WITH THE PWD EROSION CONTROL INSPECTOR(S), ALL INVOLVED CONTRACTORS AND SUBCONTRACTORS, THE PROPERTY OWNER, THE SITE ENGINEER, AND ANY OTHER APPROPRIATE MUNICIPAL OFFICIAL.
3. 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 EBS BMPs.
4. 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.
5. WATER PUMPED FROM WORK AREAS SHOULD BE TREATED FOR SEDIMENT REMOVAL PRIOR TO DISCHARGING TO A "SURFACE WATER".
6. AT LEAST THREE (3) DAYS PRIOR TO EARTH DISTURBANCE ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE PA ONE CALL SYSTEM AT 1-800-242-1776 TO REQUEST A MARKOUT OF THE EXISTING UNDERGROUND UTILITIES.
7. MAINTAIN A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN ON-SITE AND MAKE AVAILABLE FOR REVIEW AT ALL TIMES.
8. ENSURE ALL MATERIALS ASSOCIATED WITH THE CONSTRUCTION OF EROSION AND SEDIMENT CONTROL FACILITIES ARE AVAILABLE ON-SITE PRIOR TO ANY EARTH DISTURBANCE.
9. DELINEATE THE LIMIT OF DISTURBANCE.
10. INSTALL AND MAINTAIN INLET PROTECTION MEASURES FOR ALL ON-SITE INLETS AND ALL CITY OWNED INLETS WITHIN ONE BLOCK OF THE PROJECT SITE. ENSURE INLET PROTECTION MEASURES DO NOT ADVERSELY AFFECT THE FLOW OF VEHICLE TRAFFIC. (SEE DETAILS ES-1, ES-3, ES-6 AND ES-10, SHEET C-501)
11. MAINTAIN THE EXISTING 11-FT WIDE PAVED ENTRANCE FOR CONSTRUCTION ACCESS. THE EXISTING ENTRANCE IS TO REMAIN AS IS AND WILL BE MAINTAINED TO PREVENT ANY SEDIMENT TRACKING FROM THE SITE.
12. INSTALL AND MAINTAIN SILT SOCK WITHIN DESIGNATED LIMIT OF DISTURBANCE. (SEE DETAIL ES-11, SHEET C-501)
13. INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCE AT CONTRACTORS DISCRETION, FENCE LOCATION SHALL BE INSTALLED TO PROTECT THE PUBLIC FROM LAND DISTURBANCE ACTIVITIES AND TO MAINTAIN SAFE VEHICULAR TRAFFIC PATTERNS.
14. INSTALL TREE PROTECTION FENCE IF AND WHERE DESIGNATED ON THE PLANS. (SEE DETAIL ES-12, SHEET C-501)
15. CONFIRM LOCATION OF ALL EXISTING UTILITIES, BOTH ON-SITE AND WITHIN THE PUBLIC RIGHT OF WAY PRIOR TO ANY EARTH DISTURBANCE.
16. DUST CONTROL MEASURES TO BE USED AS NECESSARY THROUGHOUT DURATION OF THE PROJECT. PLEASE REFER TO PADEP EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL DATED MARCH 2012 (APPENDIX H).
17. ENSURE THAT SITE DISTURBANCE IS KEPT TO THE ABSOLUTE MINIMUM REQUIRED TO CONSTRUCT THE PROPOSED IMPROVEMENTS.
18. PERFORM SITE DEMOLITION OPERATIONS PER DEMOLITION PLAN.
19. STRIP AND STOCKPILE TOPSOIL, AND IMMEDIATELY STABILIZE STOCKPILES WITH EROSION CONTROL MAT. STOCKPILE HEIGHTS SHALL NOT EXCEED TWENTY (20) FEET AND SIDE SLOPES SHALL BE 2:1 OR FLATTER. MAINTAIN FILTER FABRIC FENCE ALONG THE ENTIRE PERIMETER OF THE STOCKPILES. (SEE DETAIL ES-8, SHEET C-501)
20. REMOVE ALL UNSUITABLE SITE SOILS AND DEBRIS AND DISPOSE OF OFF-SITE, AS REQUIRED BY THE APPLICABLE LAWS AND REGULATIONS.
21. PERFORM EARTHWORK TO ACHIEVE ROUGH GRADES. IMPORT AND PLACE ANY FILL MATERIAL TO THE PROPER LINES AND GRADES AND COMPACT IN ACCORDANCE WITH GEOTECHNICAL REPORT. DIRECT ALL RUNOFF FROM DISTURBED AREAS TO THE APPROPRIATE EBS 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.
22. INSTALL STORM WATER INLETS AND PIPING. PROVIDE INLET PROTECTION FOR ALL NEW INLETS UNTIL SITE IS STABILIZED AND APPROVED BY PWD. INLETS WITHIN STOCKPILE AREAS SHALL BE TEMPORARILY CAPPED. EXCAVATE TRENCHES ONLY AS FAR AS MAY BE BACKFILLED IN ONE DAY OF WORK. WHERE NECESSARY, PROVIDE ADDITIONAL TEMPORARY MEASURES TO ENSURE THAT NO SEDIMENT LADEN RUNOFF ENTERS THE UNDERGROUND INFILTRATION SYSTEM DURING CONSTRUCTION.
23. BEGIN CONSTRUCTION/INSTALLATION OF PLAYGROUND EQUIPMENT.
24. CONTINUE WITH EARTHWORK OPERATIONS, ROUGH GRADE SITE, AND INSTALL ON-SITE UTILITIES. EXCAVATE TRENCHES ONLY AS FAR AS MAY BE BACKFILLED IN ONE DAY OF WORK. WHERE NECESSARY, EXISTING PAVEMENTS MAY BE SAWCUT IN ADVANCE.
25. MILL AND OVERLAY THE DESIGNATED AREAS OF THE SITE. PLEASE BE SURE THAT THE PAVEMENT SUBBASE IS NOT EXPOSED DURING THE MILLING PROCESS. THE PAVEMENT SUBBASE IS DEFINED AS THE LAYER OF AGGREGATE MATERIAL LAID ON THE SUBGRADE, ON WHICH THE BASE COURSE LAYER IS LAID.
26. INSTALL THE ON-SITE ASPHALT AND CONCRETE PAVEMENTS.
27. PLACE AND FINE GRADE TOPSOIL AND INSTALL EROSION CONTROL BLANKET FOR ALL SLOPES STEEPER THAN 3:1 AS SHOWN ON THE PLANS.
28. REMOVE ALL CONSTRUCTION DEBRIS AND EXCESS MATERIAL FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.
29. INSTALL ON-SITE LANDSCAPING AND FENCING AND PERFORM PERMANENT STABILIZATION OF ALL EXPOSED ON-SITE SOILS.
30. 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 EBS BMPs.
31. INSPECT AND MAINTAIN ALL EBS BMPs AND STORMWATER MANAGEMENT FACILITIES ON A WEEKLY BASIS, AS WELL AS BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS. REMOVE AND PROPERLY DISPOSE OF ANY AND ALL SEDIMENT THAT MAY HAVE ACCUMULATED.
32. SEE SHEET C-501 FOR SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS.



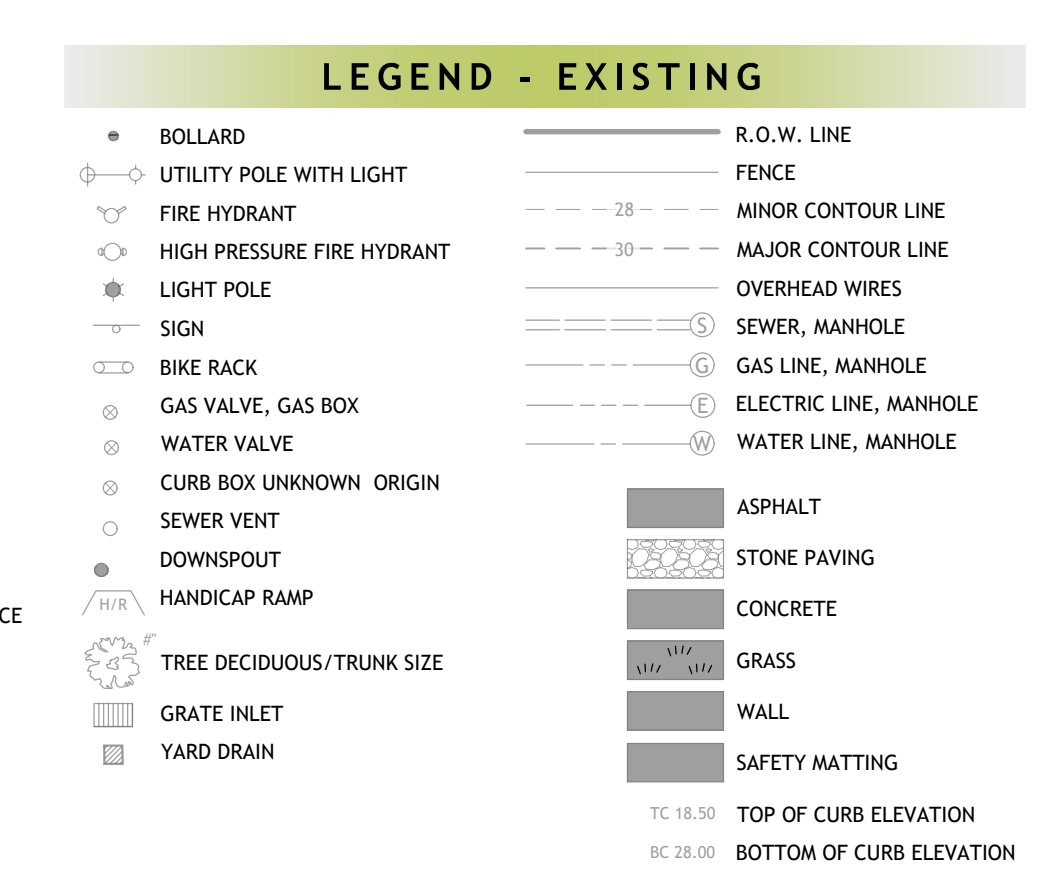
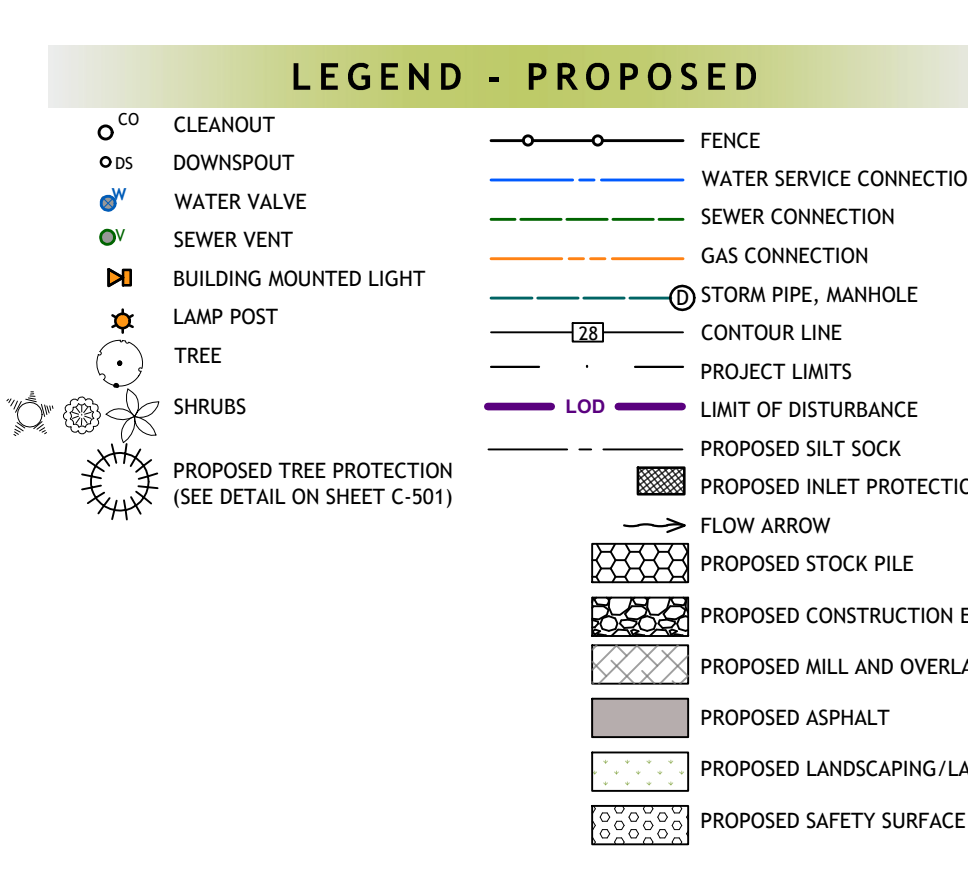
APPROVAL STAMPS AND SIGNATURES:

WATERSHED MAP N.T.S.



GENERAL NOTES:

1. PLAN MADE AS PER INSTRUCTIONS OF: SARA PEKAROFF SCHIRM SALT DESIGN STUDIO 4100 MAIN STREET, SUITE 201 PHILADELPHIA, PA 19127 TEL. 215.621.7600
2. PARCEL KNOWN AS HANCOCK PLAYGROUND LOCATED AT 147 MASTER STREET, PHILADELPHIA, PA 19122.
3. THE TOTAL AREA OF DISTURBANCE IS 14,130 SQUARE FEET OR 0.32 ACRES.
4. SOILS THROUGHOUT THE SITE ARE URBAN LAND (U1).
5. ALL DIMENSIONS ARE SHOWN IN UNITED STATES SURVEY FEET UNITS UNLESS DESIGNATED 'DS' TO DENOTE PHILADELPHIA DISTRICT STANDARD FEET UNITS.
6. THE LOCATION OF UNDERGROUND UTILITIES IS TAKEN FROM PUBLIC RECORDS AND FIELD LOCATION OF VENTS, MANHOLES, AND INLETS, ETC. THE EXTENT AND EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES HAS NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR THE ENGINEER AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. THEREFORE, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND LIMITS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY OCCUR AS A RESULT OF THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
7. ONLY COPIES FROM THE ORIGINAL OF THIS PLAN, CLEARLY MARKED WITH APPROPRIATE PROFESSIONALS SEAL SHALL BE CONSIDERED TO BE VALID COPIES. THIS CORPORATION AND/OR ITS EMPLOYEES ARE NOT LIABLE FOR ERRORS OR OMISSIONS RESULTING FROM THIS CONDITION.
8. THE ORIGINAL OF THIS DRAWING IS THE PROPERTY OF RODRIGUEZ CONSULTING, LLC.
9. COPYRIGHT 2019 - ALL RIGHTS RESERVED - RODRIGUEZ CONSULTING LLC.



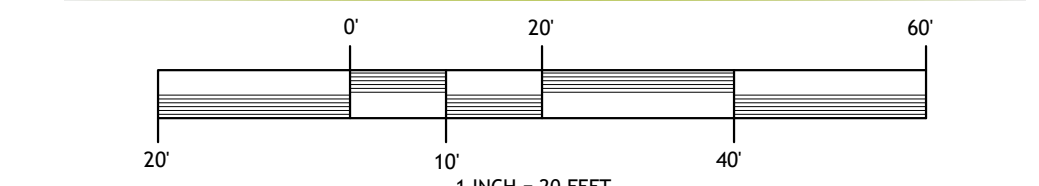
PA ONE CALL NUMBER: 20190572877, 20190572878, 20190572884 & 20190572888

PWD TRACKING #: FY20-HANC-5647-01

"CALL BEFORE YOU DIG"

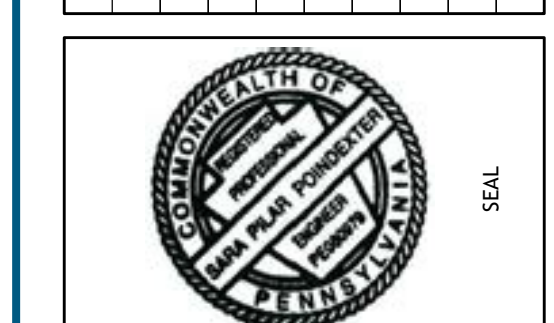
PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM 1-800-242-1776, OR 811, 3 TO 10 WORKING DAYS PRIOR TO EXCAVATION.

GRAPHIC SCALE



STOP! CALL!

| NO. | DATE | REVISIONS |
|-----|---------------|---|
| 4 | 10/23/19 J.C. | REVISED PLAN PER COMMENTS RECEIVED 10/14/19 |
| 3 | 09/24/19 J.C. | REVISED PLAN PER UPDATED SITE LAYOUT 09/24/19 |
| 2 | 08/07/19 J.C. | REVISED PLAN PER PWD COMMENTS RECEIVED 08/07/19 |
| 1 | 08/05/19 J.C. | REVISED PLAN PER PWD COMMENTS RECEIVED 07/29/19 |



SARA P. POINDEXTER, P.E.
 PA PROFESSIONAL ENGINEER
 LIC. NO. PE80979
 DATE: 10/23/2019
 SIGNATURE: *Sara P. Poindexter*

Land Surveying
 Civil Engineering
 Land Development
 Water Management
 Digital Mapping

1301 N 2nd Street
 Philadelphia, PA 19122
 Phone: (215) 839-8087
 Fax: (877) 839-6975
 www.rodriquez.biz

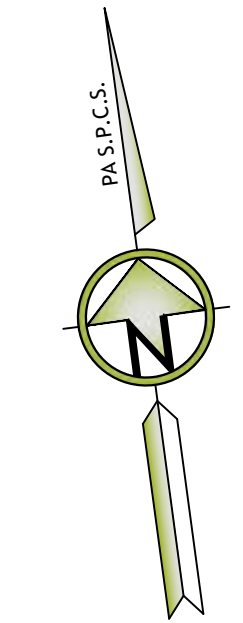
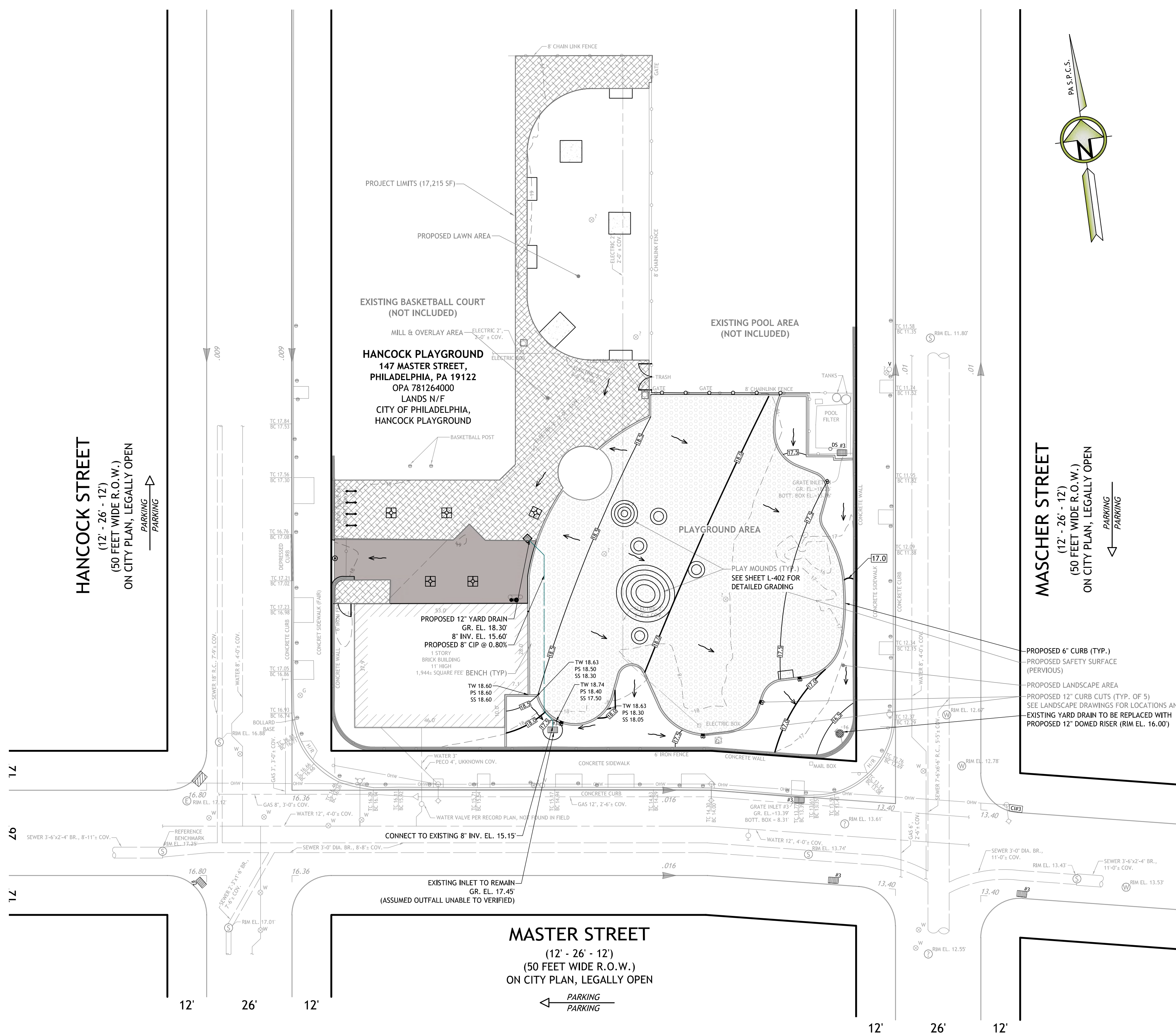
A Certified Minority-Owned (MBE) & Disadvantaged Business Enterprise (DBE)

EROSION AND SEDIMENT CONTROL PLAN
 PREPARED FOR
SALT Design Studio

PROJECT : RENOVATIONS TO HANCOCK PLAYGROUND
 PPR PROJECT NUMBER: 10-19-4399-01
 ADDRESS: 147 MASTER STREET
 Drwn/Chk By: J.G./S.P.

Municipality: CITY OF PHILADELPHIA
 County: PHILADELPHIA
 State: PENNSYLVANIA
 Scale: 1"=20'
 Project Number: SALT 2019-001A
 File Name: SALT 2019-001A_DESIGN.dwg
 Field Date: 03/02/2019
 Completed: 07/23/2019

Drawing Number: **C-101**



GRADING NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND THE RECOMMENDATIONS SET FORTH IN THE REPORTS REFERENCED IN THIS PLAN SET. UNLESS OTHERWISE SPECIFIED IN THE REPORTS, THE SITE GRADING, AND EXCAVATION SHALL BE IN ACCORDANCE WITH THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS.
2. ALL MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH PENNDOT FORM 4-08 STANDARD SPECIFICATIONS UNLESS OTHERWISE INDICATED.
3. ALL SUBSURFACE STRUCTURE EXCAVATION SHALL BE CONDUCTED IN STRICT ACCORDANCE WITH THE APPROPRIATE SECTIONS OF THE GEOTECHNICAL ENGINEERS' RECOMMENDATIONS, AND THE OSHA 1926.651 SPECIAL EXCAVATION REQUIREMENTS.
4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION/DEMOLITION ACTIVITIES AND REPORT ANY DISCREPANCIES AND INTERFERENCES TO THE OWNER THAT WOULD IMPAIR NEW CONSTRUCTION.
5. CONTRACTOR SHALL UNCOVER ALL EXISTING UTILITIES UNLESS AT NEW CONNECTION POINTS PRIOR TO THE START OF CONSTRUCTION.
6. PROPOSED GRADES & ELEVATIONS TO CONFORM TO THOSE SHOWN ON THE CONTRACT DRAWINGS AND/OR AS DIRECTED BY THE DISTRICT SURVEYOR.
7. PRIOR TO SITE CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES TO PROTECT EXISTING DRAINAGE FACILITIES. CONTRACTOR SHALL PREVENT SILTATION FROM LEAVING THE SITE AT ALL TIMES.
8. CONTRACTOR SHALL CARRY OUT THE GRADING OPERATION IN SUCH WAY AS TO MINIMIZE SEDIMENTATION OF THE ADJACENT STORMWATER SYSTEMS. IT SHALL BE HIS RESPONSIBILITY TO IMPLEMENT AND MAINTAIN A SEDIMENTATION CONTROL PLAN FOR THE DURATION OF THE GRADING OPERATIONS.
9. STRIP BUILDING AND PAVEMENT AREAS OF ALL ORGANIC TOPSOILS, STOCKPILE SUITABLE TOPSOILS FOR RESPREADING ONTO LANDSCAPE AREAS. ALL EXCESS EXCAVATED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.
10. AFTER COMPLETION OF THE ROUGH GRADING OPERATIONS, THE CONTRACTOR SHALL PROOF ROLL THE PAVED AREA. SOFT SPOTS SHALL BE EXCAVATED AND STABILIZED UNDER THE SUPERVISION OF A SOILS ENGINEER.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL SOFT, YIELDING OR UNSUITABLE MATERIALS AND REPLACING WITH SUITABLE MATERIALS.
12. ALL OVERCUT AREAS SHALL BE BROUGHT BACK TO GRADE USING CRUSHED STONE OR SELECT BACKFILL MATERIAL.
13. TOPSOIL TO BE STOCKPILED ON-SITE SHALL BE AT THE DIRECTION OF THE OWNER. ALL STOCKPILED MATERIAL SHALL BE GRADED, COMPACTED AND STABILIZED WITH TEMPORARY SEEDING AND MULCHING IN ACCORDANCE WITH THE APPLICABLE EROSION CONTROL STANDARDS AND DETAILS.
14. ALL EXCAVATED OR FILLED AREAS SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY PER A.S.T.M. TEST STANDARDS. MOISTURE CONTENT AT TIME OF PLACEMENT SHALL NOT EXCEED 2% ABOVE NOR 3% BELOW OPTIMUM. CONTRACTOR SHALL SUBMIT A COMPACTION REPORT PREPARED BY A QUALIFIED SOILS ENGINEER REGISTERED WITHIN THE STATE WHERE THE WORK IS PERFORMED, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS. NOTIFY OWNER IF ANY UNSUITABLE SOILS ARE FOUND.
15. CONTRACTOR SHALL ADJUST MANHOLE LIDS, INLET GRATES, VALVE BOXES, VENTS, ETC. AS MAY BE REQUIRED TO MATCH THE DESIGNED FINISH GRADES.
16. SLOPE SIDEWALK AWAY FROM THE BUILDING.
17. CONTRACTOR SHALL PROVIDE BUTT END JOINTS TO MEET EXISTING PAVEMENT ELEVATION AT DRIVE RETURNS AND ENSURE POSITIVE DRAINAGE.
18. FOLLOWING GRADING OF SUBSOIL TO PROPOSED ELEVATIONS, THE CONTRACTOR SHALL PLACE TOPSOIL TO A 6" DEPTH IN ALL DISTURBED AREAS WHICH ARE NOT TO BE PAVED. SMOOTHLY FINISH GRADE TO MEET SURROUNDING LAWN AREAS AND ENSURE POSITIVE DRAINAGE. STOCKPILED TOPSOIL SHALL BE SCREENED PRIOR TO RESPREADING. TOPSOIL SHALL BE FREE OF SUBSOIL, DEBRIS, BRUSH AND STONES LARGER THAN 1" IN ANY DIMENSION. ROCK HOUNDING IN PLACE WILL NOT BE PERMITTED. ALL EXCESS TOPSOIL SHALL BE LEGALLY DISPOSED OFF-SITE.
19. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY AND CONSTRUCTION PROCEDURES. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE OSHA STANDARDS, INCLUDING THE DESIGN OF ALL NECESSARY SHEATHING AND SHORING FOR EXCAVATIONS IN EXCESS OF FOUR (4) FEET IN DEPTH.
20. WORK TO BE DONE IN ACCORDANCE WITH STANDARD SPECIFICATIONS, APPROVED DRAWINGS, AND REGULATIONS OF THE DEPARTMENT OF STREETS, PHILADELPHIA WATER DEPARTMENT, PHILADELPHIA PARKS & RECREATION DEPARTMENT, AND SPECIAL PROVISIONS OF THE PROPOSAL.
21. THE HORIZONTAL CONTROL NETWORK IS REFERENCED TO THE PENNSYLVANIA SOUTH ZONE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM OF 1983 (NAD83). THE VERTICAL CONTROL NETWORK IS REFERENCED TO CITY OF PHILADELPHIA DATUM BASED ON RIM OF SEWER MANHOLE PROVIDED ON SEWER PLAN #10012863 (S-40669-RD) S-4.

LOCATION MAP N.T.S.



UTILITY NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK WITH THE UTILITY COMPANIES. NEITHER THE CITY OF PHILADELPHIA, THE OWNER, NOR THE ENGINEER ARE RESPONSIBLE FOR ANY DELAYS OCCURRED AS A RESULT OF UTILITY COORDINATION.
2. ALL PRIVATE UTILITY WORK AND THEIR CONNECTIONS SHALL BE SUBJECT TO PERMITTING AND INSPECTION BY THE DEPARTMENT OF LICENSES AND INSPECTIONS. THE CONTRACTOR'S BID PRICE SHALL INCLUDE ALL RELATED FEES AND APPURTENANCES REQUIRED BY THE LOCAL JURISDICTION TO PROVIDE COMPLETE AND WORKING FACILITIES.
3. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION/DEMOLITION ACTIVITIES AND REPORT ANY DISCREPANCIES AND INTERFERENCES TO THE OWNER THAT WOULD IMPAIR NEW CONSTRUCTION.
4. THE LOCATION OF UNDERGROUND UTILITIES IS TAKEN FROM PUBLIC RECORDS AND FIELD LOCATION OF VENTS, VALVES, MANHOLES, AND INLETS, ETC. THE EXTENT AND EXACT LOCATION AND DEPTH OF UNDERGROUND UTILITIES HAS NOT BEEN INDIVIDUALLY VERIFIED BY THE OWNER OR THE ENGINEER & ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE. THEREFORE, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH, AND LIMITS OF ALL EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY OCCUR AS A RESULT OF THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
5. UTILITY INFORMATION BEYOND THE IMMEDIATE DEVELOPMENT AREA MAY BE INCOMPLETE.
6. PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE-CALL @ 1-800-242-1776, OR 811 AND SHALL CONTACT THE VARIOUS UTILITY COMPANIES AT LEAST 3 WORKING DAYS AND NOT MORE THAN 10 WORKING DAYS PRIOR TO COMMENCING EXCAVATION TO SCHEDULE A MARKOUT OF EXISTING UNDERGROUND UTILITIES AND OTHER STRUCTURES.
7. THE CONTRACTOR SHALL CONTACT THE VARIOUS UTILITY COMPANIES IMMEDIATELY UPON AWARD OF CONTRACT TO COORDINATE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER OF ANY TIME FRAMES ESTABLISHED BY THE UTILITY COMPANIES FOR INSTALLATION OF FACILITIES.
8. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITY SERVICES TO THE EXISTING BUILDINGS AND SURROUNDING PROPERTIES. THE SURROUNDING PROPERTIES SHALL HAVE CONTINUOUS SERVICE OF ALL EXISTING UTILITIES DURING DEMOLITION OF ON-SITE UTILITIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL NECESSARY ELECTRICAL WORK WITH PECO ENERGY CO. INCLUDING ALL WORK REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL SERVICE TO THE PROPOSED FACILITIES INCLUDING STREET LIGHTS AND FOR THE DISCONNECTION OF EXISTING STREET LIGHT FEEDS THAT WILL BE ABANDONED, IF ANY.
10. DO NOT INTERFERE WITH THE OPERATION OF ANY FIRE HYDRANT, FIRE CALL BOX OR POLICE CALL BOX UNLESS DIRECTED TO DO SO BY THE CITY OF PHILADELPHIA.
11. THE CONTRACTOR SHALL ADJUST ALL UTILITY MANHOLE STRUCTURES TO MATCH PROPOSED GRADES. ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE UTILITY AUTHORITY.
12. ALL LOCATIONS AND ELEVATIONS OF THE EXISTING SEWERS ARE APPROXIMATE. THE ELEVATIONS OF THE EXISTING SEWERS AT THE TERMINATING CONNECTION POINTS OF THE PROPOSED SEWER MUST BE FIELD CHECKED PRIOR TO CONSTRUCTING THE NEW SEWER.
13. THE THICKNESS OF THE ARCHES, THE CHARACTER AND EXTENT OF THE CRADLES OF THE EXISTING SEWERS ARE UNKNOWN.
14. ELECTRIC, COMMUNICATION, NATURAL GAS MAINS, AND CONDUITS, WHERE APPLICABLE, SHALL BE PROVIDED WITHIN A PROPOSED UTILITY EASEMENT.
15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING AND BACKFILLING, PIPE INSTALLATION, PIPE MATERIAL, AND TAP CONNECTIONS. COORDINATE ALL WORK WITH THE PHILADELPHIA WATER DEPARTMENT.
16. ALL FLOOR DRAINS & AREA DRAINS SHALL BE TRAPPED IN ACCORDANCE WITH THE PLUMBING CODE.
17. ROADWAY AND FOOTWAY RESTORATION TO BE IN STRICT ACCORDANCE WITH THE STANDARD DETAILS AND SPECIFICATIONS OF THE PHILADELPHIA STREET DEPARTMENT, LATEST EDITION.
18. LIMIT ADVANCED CLEARING AND GRUBBING OPERATIONS TO A DISTANCE EQUAL TO TWO TIMES THE LENGTH OF PIPE INSTALLATION THAT CAN BE COMPLETED IN ONE DAY.
19. ALL SOIL EXCAVATED FROM THE TRENCH SHALL BE PLACED ON THE UPHILL SIDE.
20. LIMIT DAILY TRENCH EXCAVATION TO THE LENGTH OF PIPE PLACEMENT, PLUG INSTALLATION AND BACKFILLING THAT CAN BE COMPLETED THE SAME DAY.
21. WATER WHICH ACCUMULATES IN THE OPEN TRENCH SHALL BE COMPLETELY REMOVED BY PUMPING BEFORE PIPE PLACEMENT AND / OR BACKFILLING BEGINS. WATER REMOVED FROM THE TRENCH SHALL BE PUMPED THROUGH A FILTRATION DEVICE.
22. ON THE DAY FOLLOWING PIPE PLACEMENT AND TRENCH BACKFILLING, THE DISTURBED AREA SHALL BE GRADED TO FINAL CONTOURS AND IMMEDIATELY STABILIZED.
23. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR THE RELATIVE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH LOCAL REGULATIONS AND CODES.
24. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR PROJECT. THE CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTION AND UTILITY COMPANY REQUIREMENTS.
25. THE INSTALLATION OR REPAIR OF ANY UNDERGROUND FACILITIES OR PIPING WHICH CONNECTS TO OR FURNISHES WATER FOR THE PROPOSED FIRE PROTECTION SPRINKLER SYSTEM SHALL BE PERFORMED ONLY BY A LICENSED UTILITY CONTRACTOR, FIRE PROTECTION SPRINKLER CONTRACTOR, OR LICENSED PLUMBER. SEE O.C.G.A. TITLE 25, 11-7-11. A COPY OF THE LICENSE OR CERTIFICATE OF COMPETENCY SHALL BE PROVIDED TO THE INSPECTOR AT THE FINAL INSPECTION.
26. PAVEMENT SHALL BE SAW CUT IN STRAIGHT LINES TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
27. THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES, OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.

LEGEND - EXISTING

- BOLLARD
- UTILITY POLE WITH LIGHT
- FIRE HYDRANT
- HIGH PRESSURE FIRE HYDRANT
- LIGHT POLE
- SIGN
- BIKE RACK
- GAS VALVE, GAS BOX
- WATER VALVE
- CURB BOX UNKNOWN ORIGIN
- SEWER
- DOWNSPOUT
- HANDICAP RAMP
- TREE DECIDUOUS/TRUNK SIZE
- GRATE INLET
- YARD DRAIN
- R.O.W. LINE
- FENCE
- MINOR CONTOUR LINE
- MAJOR CONTOUR LINE
- OVERHEAD WIRES
- SEWER, MANHOLE
- ELECTRIC LINE, MANHOLE
- ELECTRIC LINE, MANHOLE
- WATER LINE, MANHOLE
- ASPHALT
- STONE PAVING
- CONCRETE
- GRASS
- WALL
- SAFETY MATTING
- TOP OF CURB ELEVATION
- BOTTOM OF CURB ELEVATION
- SPOT ELEVATION
- INVERT
- GR
- BOTTOM
- TOP OF WALL
- ELEVATION
- CONCRETE

LEGEND - PROPOSED

- CLEANOUT
- DOWNSPOUT
- WATER VALVE
- SEWER VENT
- BUILDING MOUNTED LIGHT
- LAMP POST
- TOP OF WALL ELEVATION
- PLAY SURFACE ELEVATION
- SS
- SOIL SURFACE ELEVATION
- FENCE
- WATER SERVICE CONNECTION
- SEWER CONNECTION
- GAS CONNECTION
- STORM PIPE, MANHOLE
- CONTOUR LINE
- PROJECT LIMITS
- FLOW ARROW
- PROPOSED MILL AND OVERLAY
- PROPOSED ASPHALT
- PROPOSED LANDSCAPING/LAWN
- PROPOSED SAFETY SURFACE

IDENTIFIED UTILITIES DESIGN CONTACTS

- COMPANY: PECO ENERGY**
 ADDRESS: C/O USIC
 450 S HENDERSON RD SUITE B
 KING OF PRUSSIA, PA. 19406
 CONTACT: NIKKIA SIMPKINS
 EMAIL: nikkiasimpkins@peco.com
 PHONE: 215-731-3283
- COMPANY: PHILADELPHIA GAS WORKS**
 ADDRESS: 800 W MONTGOMERY AVE
 PHILADELPHIA, PA. 19122
 CONTACT: MICHAEL PARZANESE
 EMAIL: MICHAEL.PARZANESE@PGWORKS.COM
 PHONE: 215-731-3283
- COMPANY: VERIZON PENNSYLVANIA INC**
 ADDRESS: 180 SHEREE BLVD STE 2100
 EXTON, PA. 19341
 CONTACT: KELLY BLOUNT
 EMAIL: kelley_b.blount@verizon.com
 PHONE: 610-280-1914
- COMPANY: AT&T**
 ADDRESS: 340 GEES MILL
 BUSINESS PKWY NE
 CONYERS, GA. 30013
 CONTACT: NANCY SPENCE
 EMAIL: ns2821@att.com
- COMPANY: PHILADELPHIA CITY DEPT OF STREETS**
 ADDRESS: 1401 JFK BLVD ROOM 940 458
 PHILADELPHIA, PA. 191021676
 CONTACT: MAUREEN WANGARI
 EMAIL: maureen.wangari@phila.gov

PA ONE CALL NUMBER: 20190572877, 20190572878, 20190572884 & 20190572888

"CALL BEFORE YOU DIG"

PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM 1-800-242-1776, OR 811, 3 TO 10 WORKING DAYS PRIOR TO EXCAVATION.

STOP! CALL!

APPROVAL STAMPS AND SIGNATURES:

COMPANY: PHILADELPHIA CITY WATER DEPARTMENT
 ADDRESS: 1101 MARKET STREET
 2ND FLOOR ARA TOWER
 PHILADELPHIA, PA. 191072994
 CONTACT: ERIC PONERT
 EMAIL: eric.ponert@phila.gov
 PHONE: 215-685-6272

| NO. | DATE | REVISIONS |
|-----|----------|---|
| 2 | 10/23/19 | REVISED PLAN PER COMMENTS RECEIVED 10/14/19 |
| 1 | 09/24/19 | REVISED PLAN PER UPDATED SITE LAYOUT 09/24/19 |



SARA P. POINDEXTER, P.E.
 PA PROFESSIONAL ENGINEER
 LIC. NO. PE080979

10/23/2019
 DATE

SEAL

SIGNATURE

Land Surveying
 Civil Engineering
 Land Development
 Water Management
 Digital Mapping



1301 N 2nd Street
 Philadelphia, PA. 19122
 Phone: (215) 839-8087
 Fax: (877) 839-6975
 www.rodriguez.biz

A Certified Minority-Owned (MBE) & Disadvantaged Business Enterprise (DBE)

GRADING AND UTILITY PLAN
 PREPARED FOR

SALT Design Studio

PROJECT : RENOVATIONS TO HANCOCK PLAYGROUND
 PPR PROJECT NUMBER: 10-19-4399-01
 ADDRESS: 147 MASTER STREET
 Drwn/Chk By: J.G./S.P.
 Municipality: CITY OF PHILADELPHIA
 County: PHILADELPHIA
 State: PENNSYLVANIA
 Scale: 1"=20'
 Project Number: SALT 2019-001A
 File Name: SALT 2019-001A_DESIGN.dwg
 Field Date: 03/02/2019
 Completed: 08/22/2019

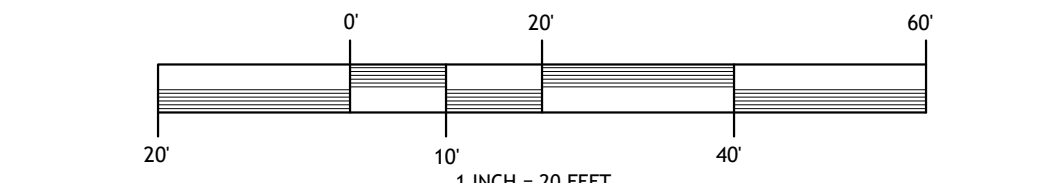
Drawing Number: **C-102**

REFER TO:

1. THE VARIOUS PLANS WHICH COMPRISE THE PLAN SET AS INDICATED ON THE COVER SHEET, PREPARED BY SALT DESIGN STUDIO.

PWD TRACKING #: FY20-HANC-5647-01

GRAPHIC SCALE



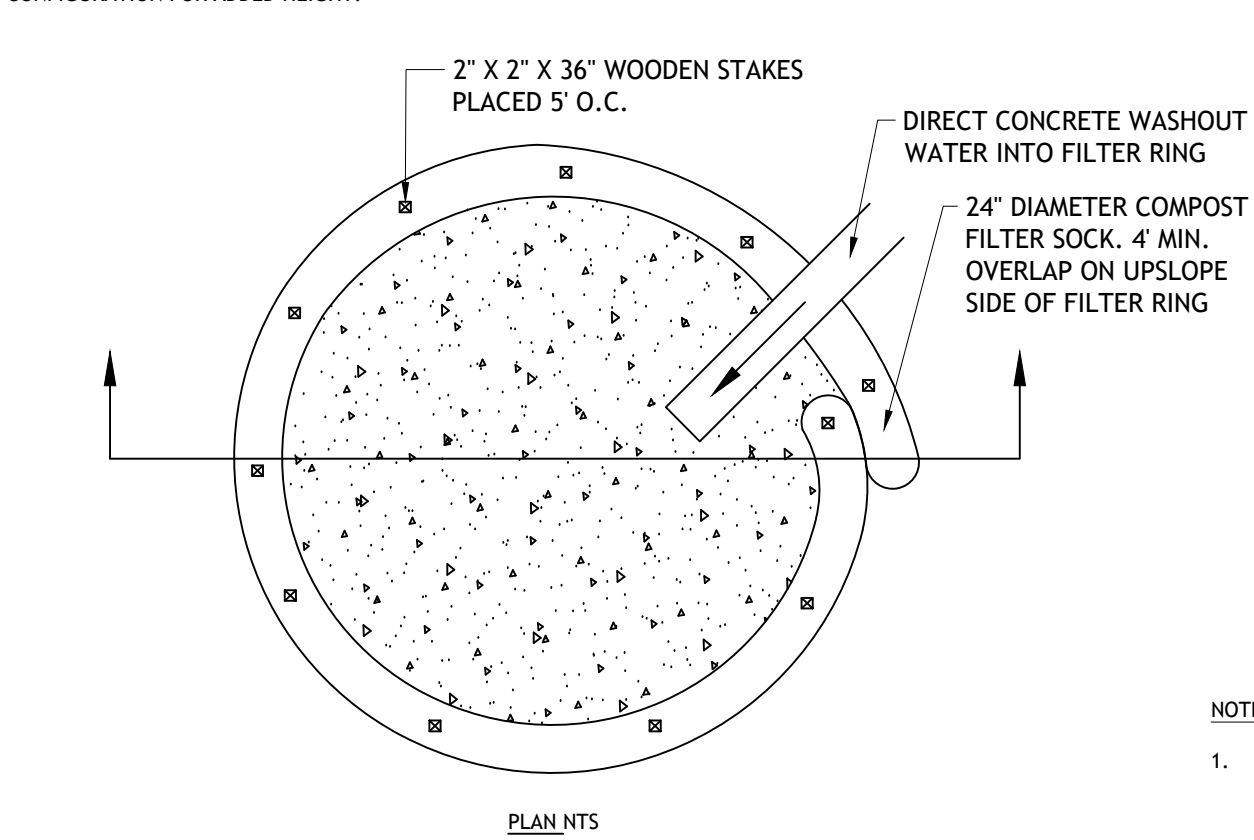
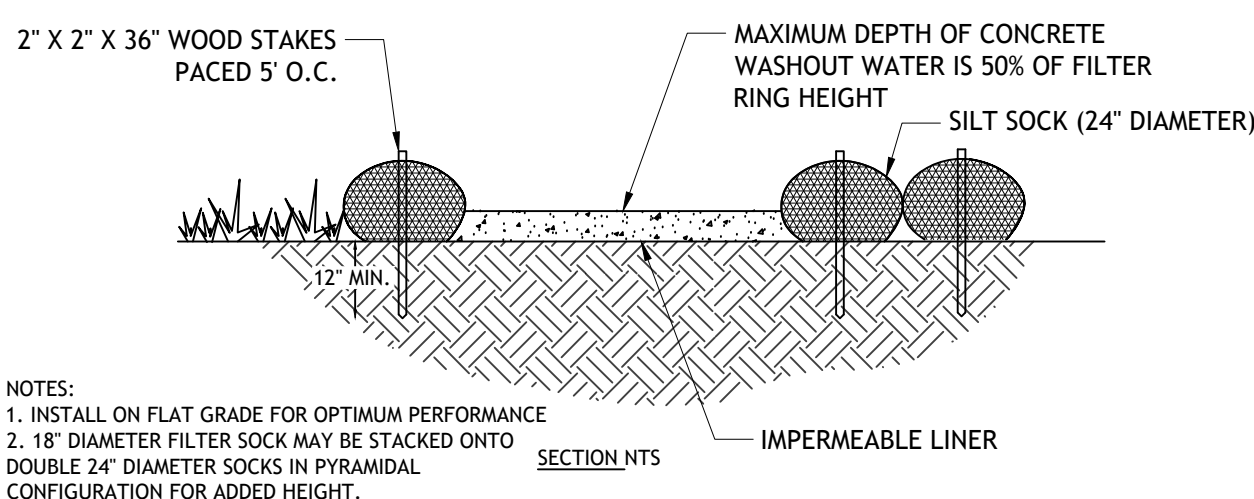
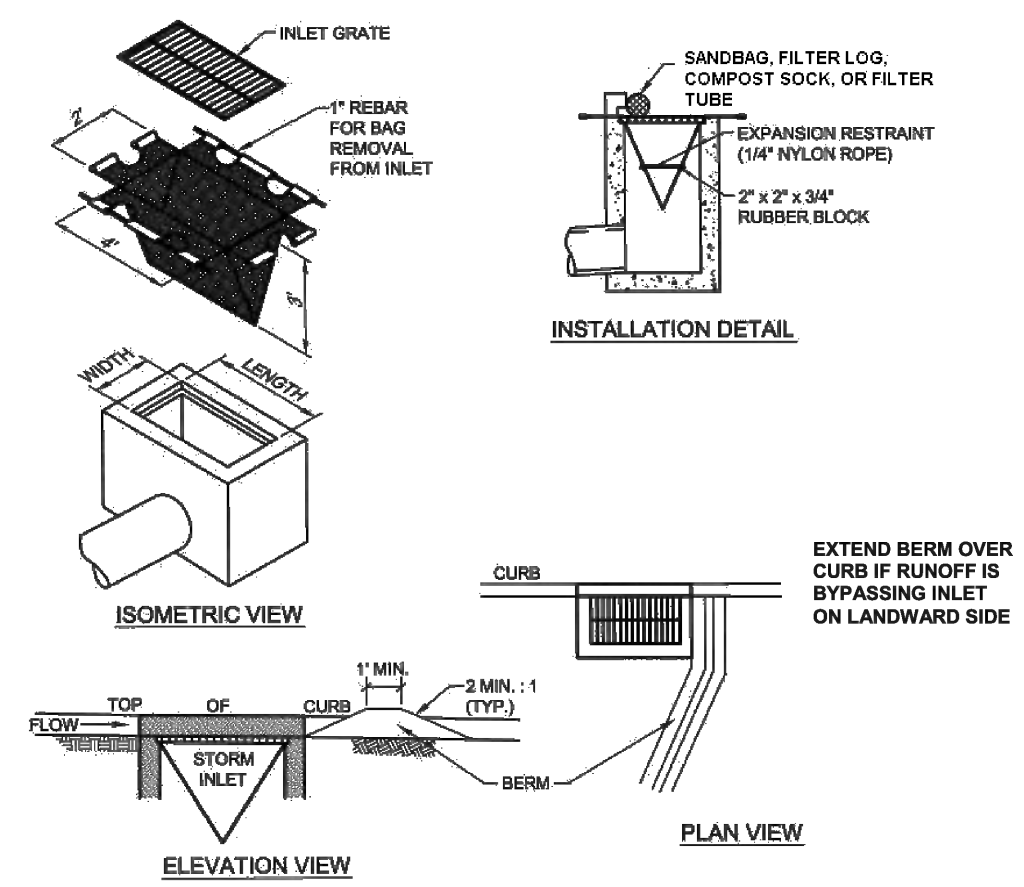
EROSION AND SEDIMENT CONTROL NOTES

1. 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.
2. INLET PROTECTION SHOULD BE PROVIDED FOR ALL INLETS OWNED BY PWD THAT ARE LOCATED WITHIN ONE BLOCK OF THE PROJECT SITE. (SEE DETAILS ES-1, ES-3, ES-6, AND ES-10, THIS SHEET)
3. PWD IS NOT RESPONSIBLE FOR ANY CLEANING OR REPAIRS HEADED ON CITY-OWNED INFRASTRUCTURE DUE TO FAILURE OF ANY EROSION AND SEDIMENT CONTROL PRACTICES. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY SUCH CLEANING OR REPAIRS.
4. 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.
5. THE MAXIMUM HEIGHT FOR STOCKPILES AREAS SHALL BE 20 FEET. THE MAXIMUM SIDE SLOPE FOR STOCKPILE AREAS SHALL NOT EXCEED 2:1. (SEE DETAIL ES-8, THIS SHEET)
6. 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, SHOVELLED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
7. FILTER FABRIC FENCE SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION SHOULD BE EXTENDED AT LEAST UP-SLOPE 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.
8. 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.
9. 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.
10. 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.
11. UNTIL THE SITE IS STABILIZED, ALL EES BMPs SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EES 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 EES BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
12. ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING, AS WELL AS CUTS AND FILLS, SHALL BE DONE IN ACCORDANCE WITH THE APPROVED EES 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.
13. 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.
14. 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.
15. DUST CONTROL MEASURES TO BE USED AS NECESSARY THROUGHOUT DURATION OF THE PROJECT. PLEASE REFER TO PADEP EROSION AND SEDIMENT POLLUTION CONTROL PROGRAM MANUAL DATED MARCH 2012 (APPENDIX H).
16. AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
17. 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 EES BMPs SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS EES PLAN.
18. 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 AND FENCING CLEARING AND GRUBBING OPERATIONS BEGIN.
19. A LOG SHOWING DATES THAT EES 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.
20. ALL SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF OFF SITE.
21. 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.
22. 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.
23. FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
24. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
25. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
26. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDING 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.
27. 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.
28. 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.
29. EES 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.
30. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EES BMPs MUST BE REMOVED OR CONVERTED TO PERMANENT POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE EES 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

Adapted from PennDOT RC-70, 2008 Edition

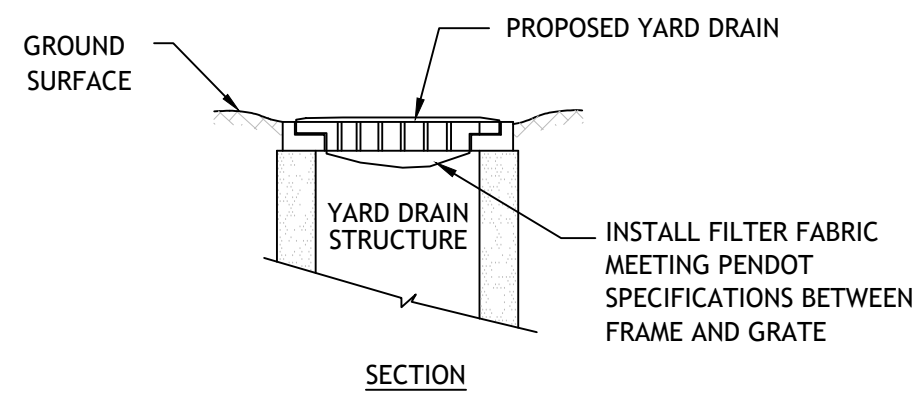
ES-1 FILTER BAG INLET PROTECTION - TYPE C INLET

N.T.S.



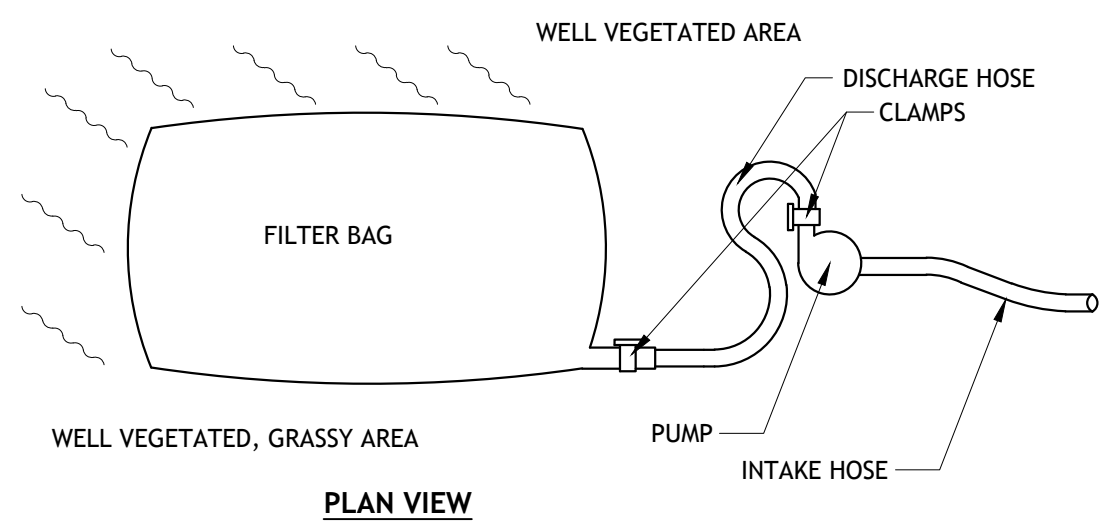
ES-2 CONCRETE WASHOUT

N.T.S.



ES-3 YARD DRAIN FILTER

N.T.S.



ES-4 FILTER BAG

N.T.S.



ES-4 FILTER BAG

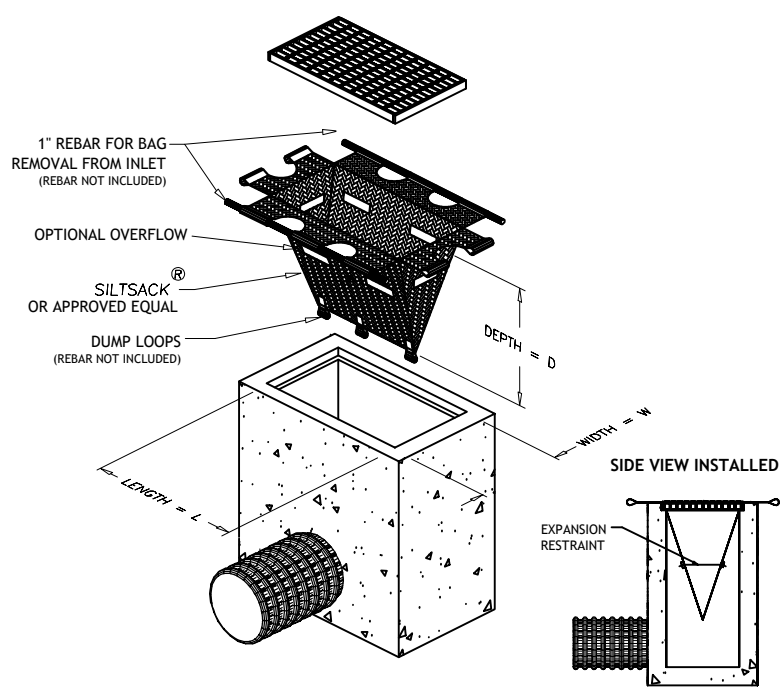
N.T.S.

NOTES:
1. INSTALL ON FLAT GRADE FOR OPTIMUM PERFORMANCE
2. 18" DIAMETER FILTER SOCK MAY BE STACKED ONTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

NOTES:
1. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.

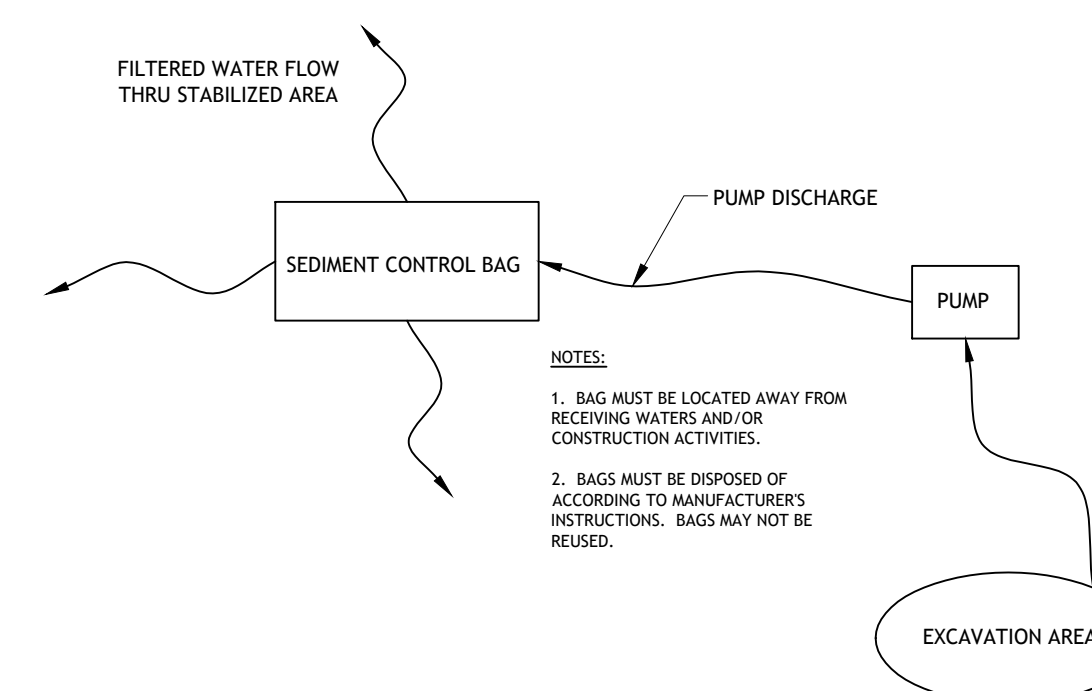
ES-5 ROCK FILTER OUTLET

N.T.S.



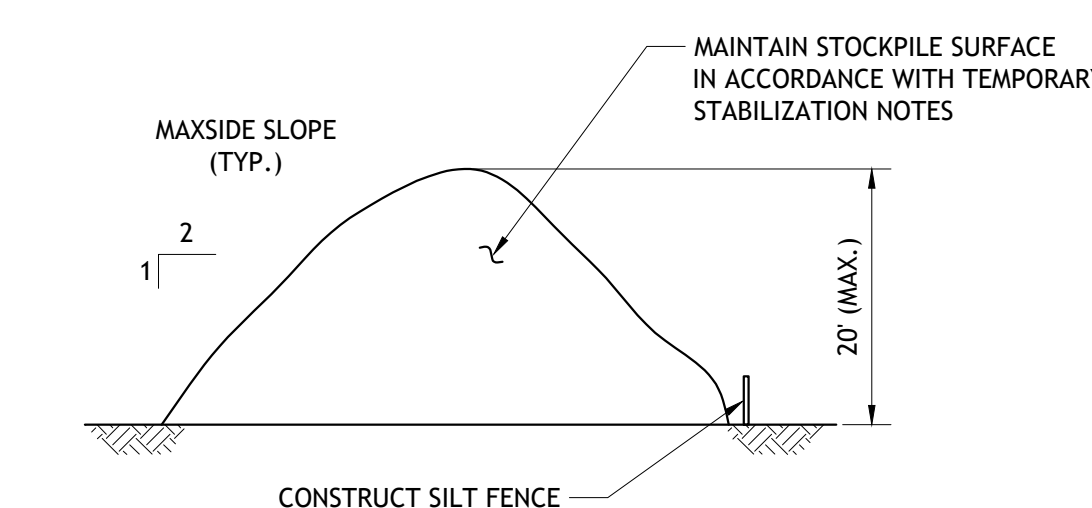
ES-6 FILTER BAG INLET PROTECTION - TYPE M INLET

N.T.S.



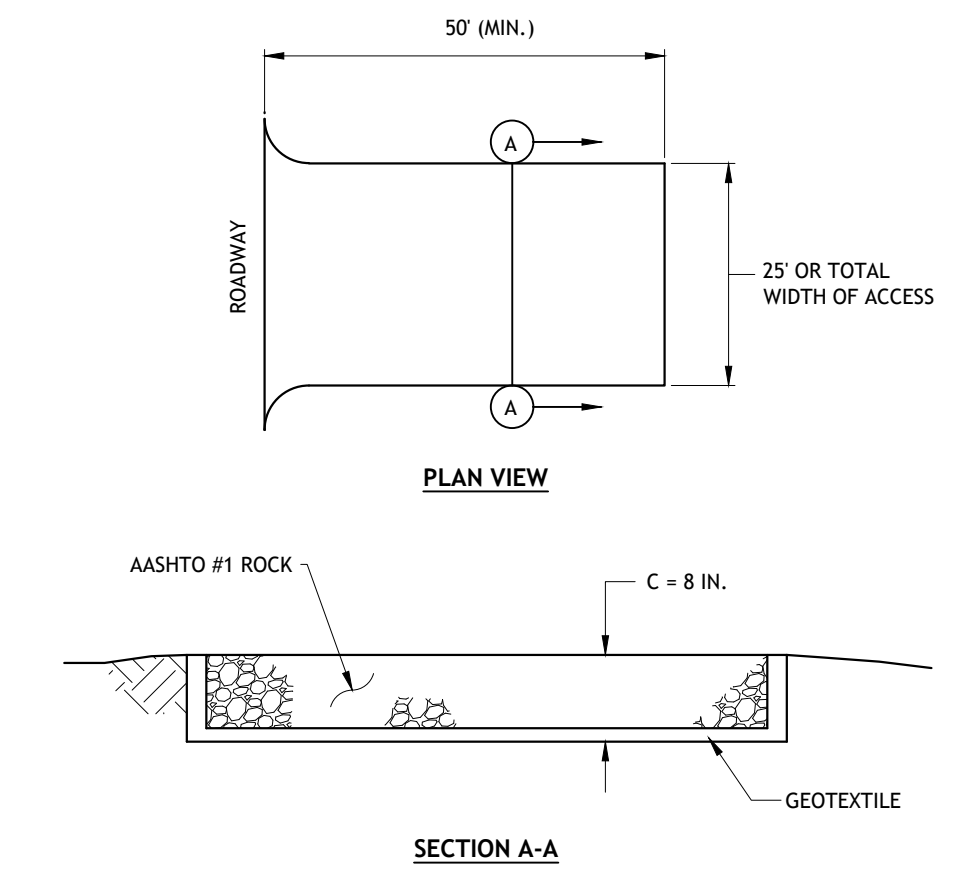
ES-7 SEDIMENT FILTER BAG SCHEMATIC DETAIL

N.T.S.



ES-8 TEMPORARY STOCKPILE

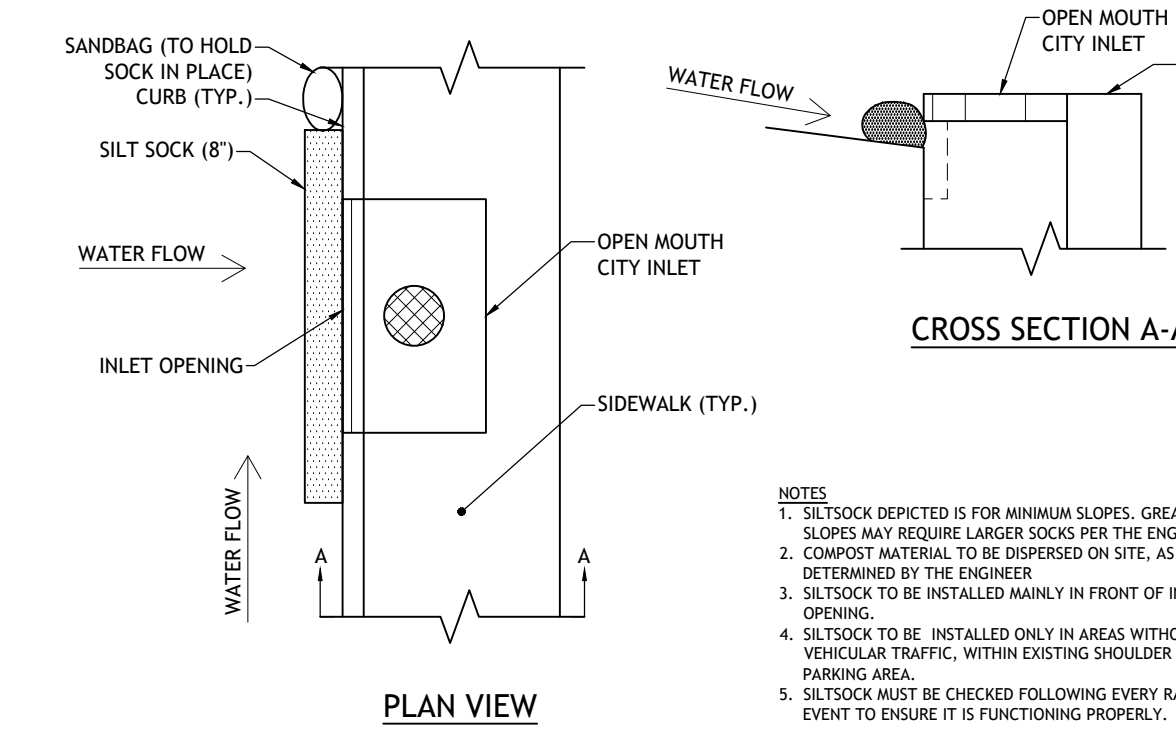
N.T.S.



MAINTENANCE: 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.

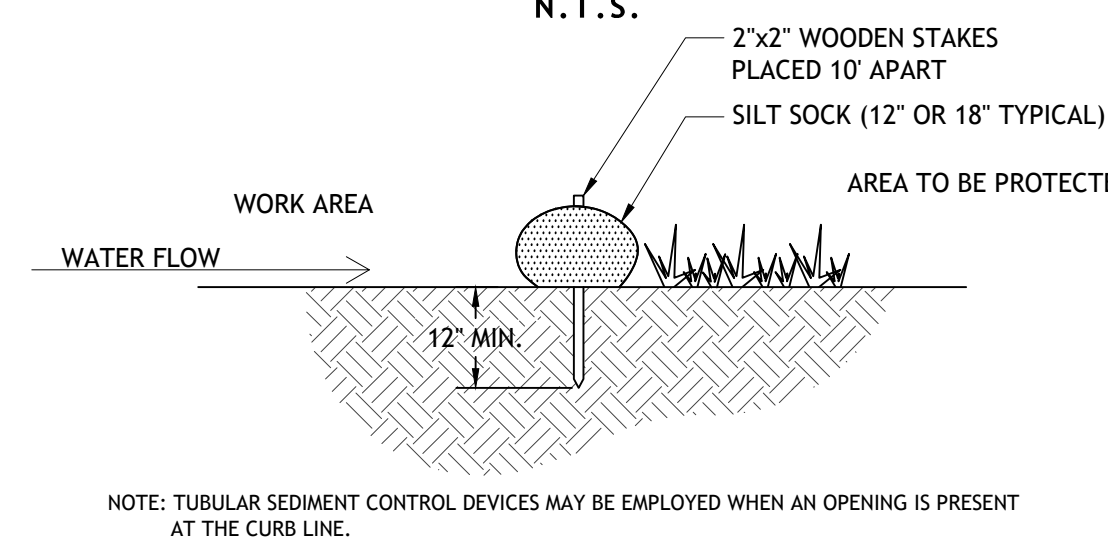
ES-9 ROCK CONSTRUCTION ENTRANCE

N.T.S.



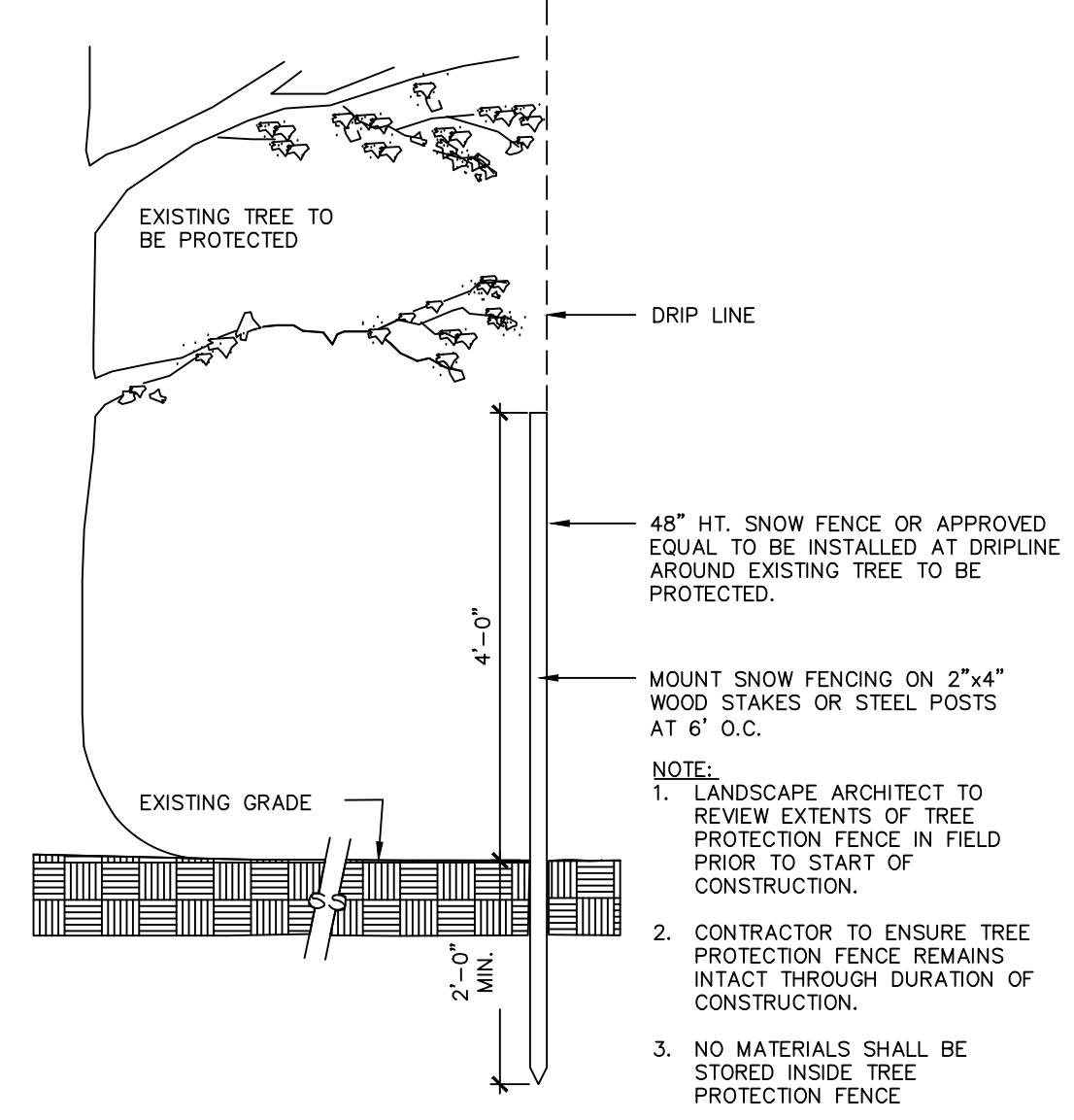
ES-10 SILT SOCK DETAIL (OPEN MOUTH INLET)

N.T.S.



ES-11 SILT SOCK

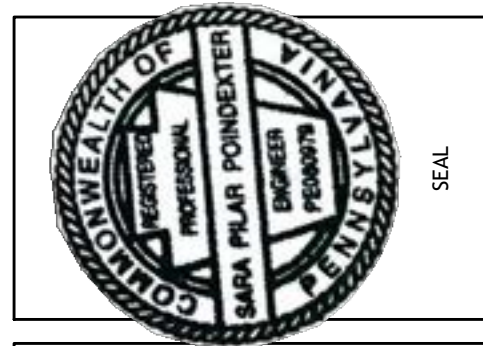
N.T.S.



ES-12 TREE PROTECTION FENCE

N.T.S.

| NO. | REVISIONS | DATE | BY |
|-----|--------------------------------------|----------|------|
| 2 | REVISED PLAN PER COMMENTS RECEIVED | 10/14/19 | J.G. |
| 1 | REVISED PLAN PER UPDATED SITE LAYOUT | 09/24/19 | J.G. |



SARA P. POINDEXTER, P.E.
PA PROFESSIONAL ENGINEER
LIC. NO. PE080979

10/23/2019 DATE

SARA P. POINDEXTER SIGNATURE

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SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

PREPARED FOR
SALT DESIGN STUDIO

PROJECT : RENOVATIONS TO HANCOCK PLAYGROUND
PPR PROJECT NUMBER: 10-19-4399-01
ADDRESS: 147 MASTER STREET
Drwn/Chk By: J.G./S.P.
Municipality: CITY OF PHILADELPHIA
County: PHILADELPHIA
State: PENNSYLVANIA
Scale: AS NOTED
Project Number: SALT 2019-001A
File Name: SALT 2019-001A_DETAILS.DWG
Field Date: 03/02/2019
Completed: 07/23/2019

Drawing Number: **C-501**



| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

LEGEND:

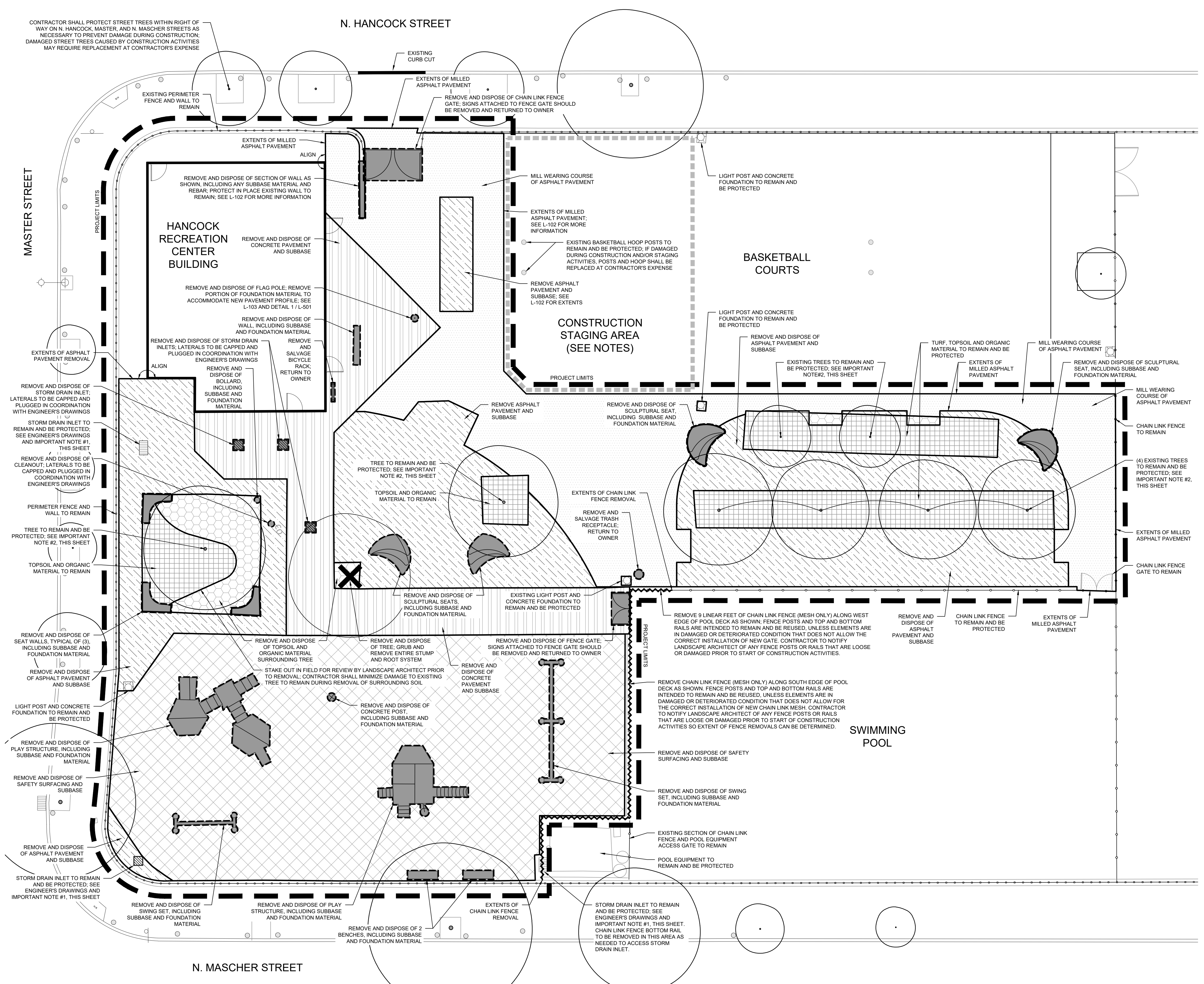
| | | | |
|--|---|--|---|
| | PROJECT LIMITS | | REMOVE AND DISPOSE OF TREE (GRUB AND REMOVE ENTIRE STUMP AND ROOT SYSTEM) |
| | REMOVE AND DISPOSE OF ASPHALT PAVEMENT AND SUBBASE, FULL DEPTH | | REMOVE AND DISPOSE OF CHAIN LINK FENCE. SEE NOTES ON DRAWING FOR MORE INFORMATION |
| | MILL WEARING COURSE OF ASPHALT PAVEMENT; SEE DETAIL 1, SHEET L501 | | TOPSOIL AND ORGANIC MATERIAL TO REMAIN |
| | REMOVE AND DISPOSE OF CONCRETE PAVEMENT AND SUBBASE, FULL DEPTH | | CONSTRUCTION STAGING AREA |
| | REMOVE AND DISPOSE OF SAFETY SURFACING AND SUBBASE, FULL DEPTH | | EXISTING TREE TO REMAIN |
| | REMOVE TOPSOIL AND ORGANIC MATERIAL | | |
| | REMOVE SITE ELEMENT; SEE NOTES ON PLAN FOR DETAILS | | |

SITE REMOVALS / DEMOLITION NOTES:

- SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO ON MARCH 20, 2019.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
- PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 121 (2008), THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM 1-800-242-1776 OR 811, 3 TO 10 WORKING DAYS PRIOR TO COMMENCING EXCAVATION ACTIVITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. ANY UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONSTRUCTION FENCING AND MAINTAINING A SAFE AND SECURE SITE THROUGHOUT ALL PHASES OF DEMOLITION AND CONSTRUCTION.
- CONSTRUCTION STAGING AREA SHALL BE LOCATED ON SOUTH SIDE OF BASKETBALL COURTS. CONTRACTOR SHALL ERECT CONSTRUCTION FENCING AROUND STAGING AREA AND ENSURE AREA IS SECURE THROUGHOUT DURATION OF CONSTRUCTION ACTIVITIES. CONTRACTOR TO MAINTAIN INTERNAL CIRCULATION TO RECREATION CENTER BUILDING, NORTH SIDE OF BASKETBALL COURTS, AND SPORTS FIELDS AT NORTH EDGE OF PROJECT LIMITS THROUGHOUT DURATION OF CONSTRUCTION.
 - ANY DAMAGE TO BASKETBALL COURTS WITHIN AND AROUND STAGING AREA DUE TO CONSTRUCTION AND/OR STAGING ACTIVITY SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY WORK BEING PERFORMED ON SITE. TREE PROTECTION FENCING SHALL REMAIN INTACT AND IN GOOD CONDITION THROUGHOUT DURATION OF CONSTRUCTION UNTIL ACCEPTANCE BY OWNER. SEE TREE PROTECTION DETAIL ON SHEET C-501 FOR REQUIREMENTS. SEE IMPORTANT NOTE #2 BELOW.
- EXCAVATION WITHIN DRIP LINES OF EXISTING TREES TO REMAIN SHALL BE DONE BY AIR SPADING AND UNDER OBSERVATION OF LANDSCAPE ARCHITECT SO AS NOT TO DISTURB OR CUT TREE ROOTS.
- PROTECT EXISTING RIGHT-OF-WAY, SIDEWALK DURING DEMOLITION AND CONSTRUCTION ACTIVITY. DOCUMENT ALL EXISTING SIDEWALKS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY AND ALL DAMAGED SIDEWALKS (SIGNIFICANT CRACKS, STAINING, CHIPS, AND OTHER ADDITIONAL WEAR) DUE TO CONSTRUCTION ACTIVITY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE
- SEE ENGINEER'S DRAWINGS FOR EROSION AND SEDIMENT CONTROL MEASURES.
- CONTRACTOR SHALL DISPOSE OF OR RECYCLE ALL DEMOLISHED ITEMS OFF SITE IN ACCORDANCE WITH LOCAL CODES AND LAWS.
- CONTRACTOR TO RETURN SALVAGED MATERIALS NOTED ON PLAN TO PHILADELPHIA PARKS AND RECREATION (OWNER).
- PROTECT EXISTING SITE ELEMENTS (INCLUDING, BUT NOT LIMITED TO BUILDING, CURBING, WALLS, AND FENCING) TO REMAIN DURING CONSTRUCTION. DAMAGE TO ANY EXISTING SITE ELEMENT AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED/REPLACED AT CONTRACTOR'S EXPENSE. CONTRACTOR SHALL SUFFICIENTLY DOCUMENT EXISTING DAMAGE TO SITE ELEMENTS THAT MAY OTHERWISE BE CONSIDERED AS DAMAGED DURING CONSTRUCTION.
- COORDINATE EXTENTS OF SITE REMOVALS WITH SITE IMPROVEMENTS AS SHOWN ON L-102.

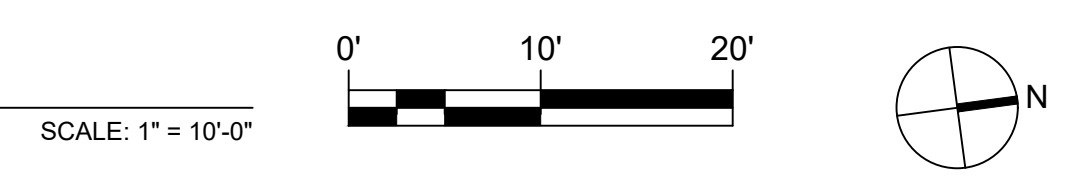
IMPORTANT NOTE #1:
 STORM DRAIN INLETS NOTED ON PLAN WERE CLEANED AND VACUUMED ON AUGUST 22, 2019. INLETS SHALL BE CAREFULLY PROTECTED WITH FILTER BAGS, SILT SOCKS, AND/OR OTHER MEASURES NOTED ON ENGINEER'S DRAWINGS SO NO CONSTRUCTION DEBRIS, SEDIMENT OR OTHER MATERIAL RUNS INTO INLETS. UNDER NO CIRCUMSTANCES SHALL CONCRETE OR OTHER MATERIAL BE WASHED INTO INLETS ON THE SITE.
 AFTER CONSTRUCTION IS COMPLETED AND PRIOR TO PROJECT CLOSEOUT, INLETS WILL BE INSPECTED FOR CONSTRUCTION DEBRIS. IF DEBRIS, SEDIMENT OR OTHER MATERIAL AND / OR CONSTRUCTION MATERIAL IS DISCOVERED IN INLETS, CONTRACTOR SHALL CLEAN AND VACUUM INLETS AT THE CONTRACTOR'S EXPENSE.

IMPORTANT NOTE #2:
 TREES TO REMAIN ARE TO BE PROTECTED WITH TREE PROTECTION FENCING AT THE APPROVAL OF LANDSCAPE ARCHITECT. SEE DETAIL ON C-501. NO MATERIALS SHALL BE STORED, NOR SHALL THERE BE FOOT TRAFFIC, WITHIN DRIP LINE OF ANY EXISTING TREE TO REMAIN. IF TREES ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES, TREES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.



CONTRACTOR SHALL PROTECT STREET TREES WITHIN RIGHT OF WAY ON N. HANCOCK, MASTER, AND N. MASCHER STREETS AS NECESSARY TO PREVENT DAMAGE DURING CONSTRUCTION. DAMAGED STREET TREES CAUSED BY CONSTRUCTION ACTIVITIES MAY REQUIRE REPLACEMENT AT CONTRACTOR'S EXPENSE

1 SITE REMOVALS / DEMOLITION PLAN





SHEET TITLE:

SITE LAYOUT PLAN

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

SCALE:
 AS NOTED
 DATE: 10/24/2019 DRAWN BY: KR
 CHECKED BY: SPS
 SHEET NUMBER:

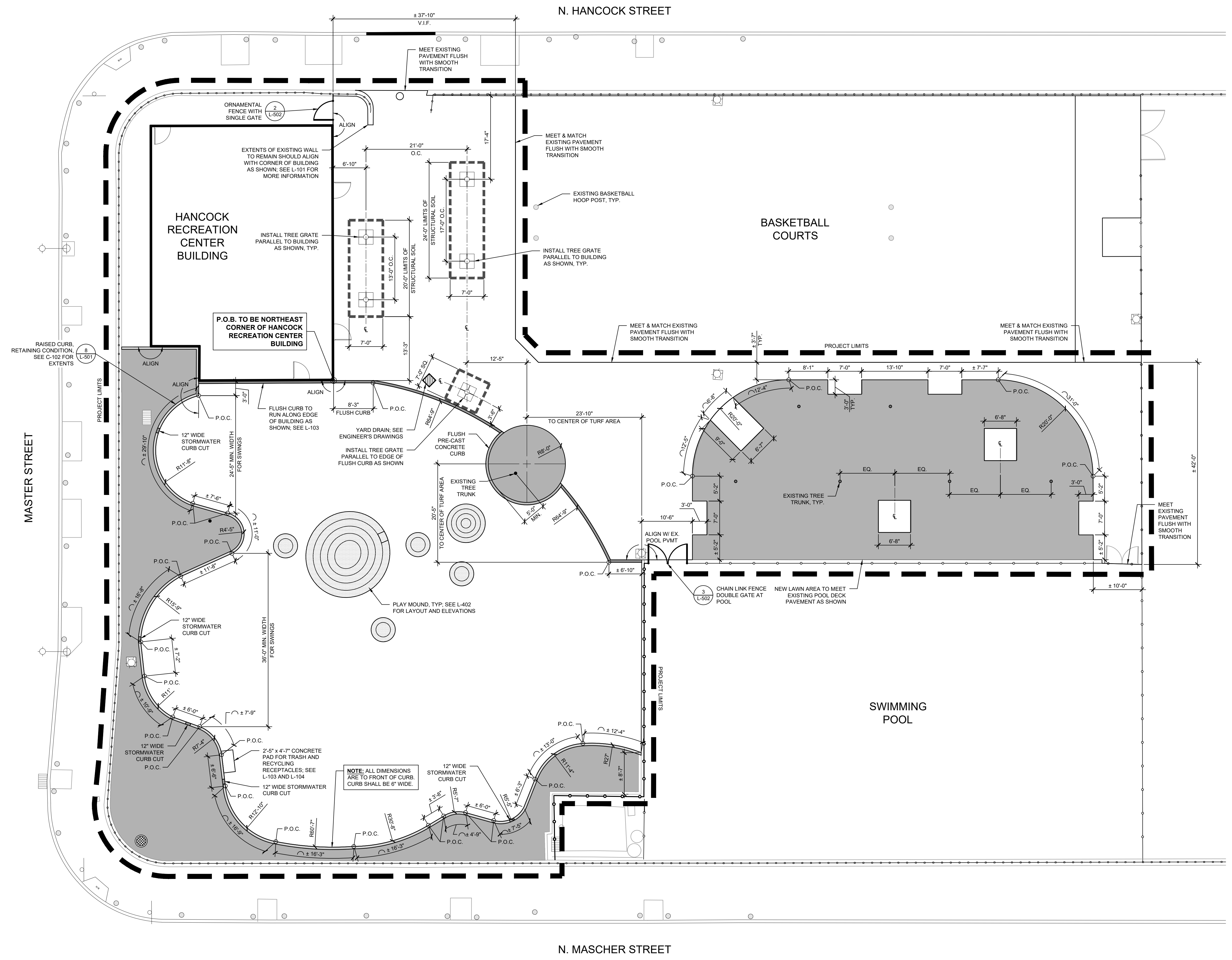
L-102

LEGEND:

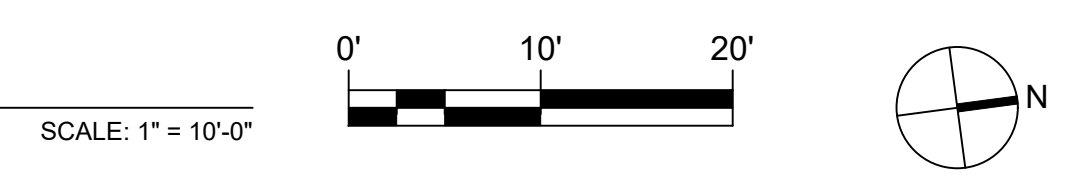
- PROJECT LIMITS
- EDGE OF PAVEMENT. SEE L-103 SITE MATERIALS PLAN FOR PAVEMENT TYPES
- 4A RAISED CONCRETE CURB
- 4B FLUSH CONCRETE CURB
- 4B FLUSH PRE-CAST CONCRETE CURB, SEE NOTE #13.
- PLANTED AREA
- PLAY MOUND
- EXISTING TREE TRUNK
- 1 CHAIN LINK FENCE
- 2 ORNAMENTAL FENCE WITH SINGLE GATE
- 3 DOUBLE FENCE GATE
- 5 TREE GRATE
- 8 LIMITS OF STRUCTURAL SOIL FOR TREE TRENCH
- POINT OF BEGINNING (P.O.B.)
- POINT OF CURVATURE (P.O.C.)

SITE LAYOUT NOTES:

1. SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO ON MARCH 20, 2019.
2. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
3. VERIFY DIMENSIONS AND ACCEPT CONDITIONS BEFORE PROCEEDING WITH ANY WORK. REPORT DISCREPANCIES TO LANDSCAPE ARCHITECT.
4. THESE CONSTRUCTION DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
5. DO NOT SCALE DRAWINGS; CONSULT LANDSCAPE ARCHITECT FOR ANSWERS TO ALL DIMENSIONAL QUESTIONS.
6. CONTACT UTILITY COMPANIES AS REQUIRED BY STATE AND LOCAL REGULATIONS BEFORE DIGGING TO LOCATE AND MARK EXISTING UTILITIES.
7. COORDINATE ALL UTILITY WORK WITH THE LOCATIONS AND FINAL GRADES OF ALL OTHER WORK AS SHOWN ON THE ENGINEER'S DRAWINGS. WHERE CONFLICTS OCCUR, NOTIFY THE ENGINEER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF UTILITIES TO MAKE ADJUSTMENTS AS REQUIRED. IF NEW UTILITIES HAVE BEEN INSTALLED IN CONFLICT WITH CURBS, WALLS, PAVING, OR OTHER STRUCTURES AT DEPTHS TOO SHALLOW FOR PROPER COVER BENEATH NEW GRADES OR INCORRECT FINISHED GRADE, THEY SHALL BE ADJUSTED OR REMOVED AND REPLACED AS NECESSARY AT CONTRACTOR'S EXPENSE.
8. CONTRACTOR TO OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF LAYOUT OF ALL SITE IMPROVEMENTS PRIOR TO INSTALLATION.
9. DIMENSIONS ARE PROVIDED TO EDGE OF PAVEMENT, FRONT OF CURB, FACES OF WALLS, OR OBJECT CENTERLINE, UNLESS NOTED OTHERWISE.
10. ELEMENTS SHALL BE PARALLEL OR PERPENDICULAR, UNLESS NOTED OTHERWISE.
11. PROVIDE SLOPES ON PAVEMENT SURFACES AS INDICATED ON GRADING AND DRAINAGE PLAN TO ALLOW FOR POSITIVE DRAINAGE.
- 11.1. NO PONDING SHALL BE PERMITTED ON FINISHED GRADE OF SITE PAVEMENTS. AREAS WHERE PONDING OCCURS SHALL BE REGRADED AND REPAIRED AT CONTRACTOR'S EXPENSE.
12. SEE SHEET L-104 FOR LAYOUT OF SITE FURNISHINGS AND EQUIPMENT.
13. CONCRETE CURB SHALL BE CAST OFF SITE TO MINIMIZE DAMAGE TO EXISTING TREE. COORDINATE INSTALLATION OF PRE-CAST CURB WITH AIR SPADING ADJACENT TO EXISTING TREE.



1 SITE LAYOUT PLAN





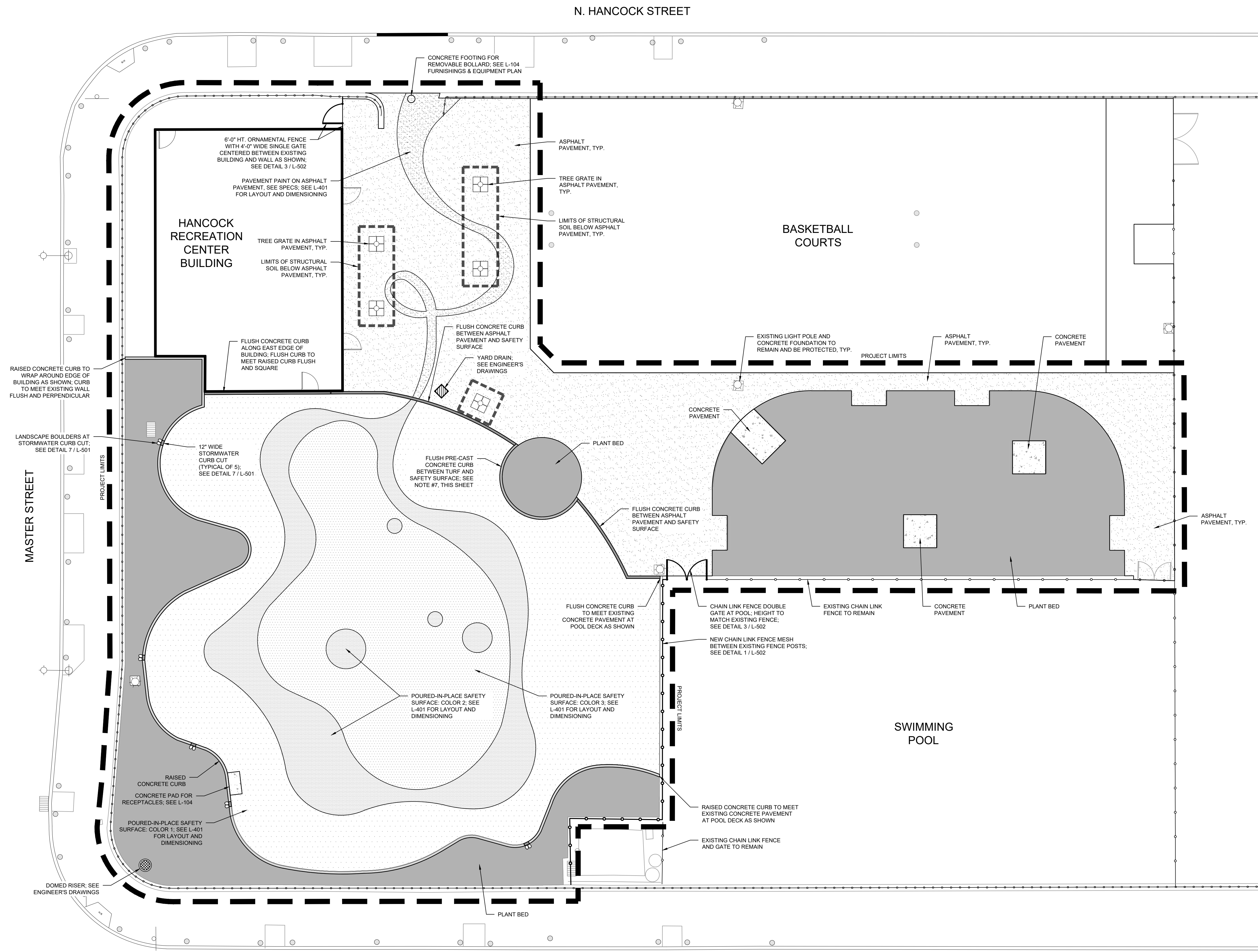
| REV | DATE | DESCRIPTION |
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LEGEND:

| | | | |
|--|---|--|---|
| | PROJECT LIMITS | | RAISED CONCRETE CURB |
| | 1 ASPHALT PAVEMENT | | FLUSH CONCRETE CURB |
| | PAVEMENT PAINT ON ASPHALT PAVEMENT; SEE SPECS | | FLUSH PRE-CAST CONCRETE CURB |
| | 2 POURED-IN-PLACE SAFETY SURFACE; COLOR 1 | | CHAIN LINK FENCE |
| | 2 POURED-IN-PLACE SAFETY SURFACE; COLOR 2 | | ORNAMENTAL FENCE WITH SINGLE GATE |
| | 2 POURED-IN-PLACE SAFETY SURFACE; COLOR 3 | | CHAIN LINK FENCE DOUBLE GATE |
| | 3 CONCRETE PAVEMENT | | TREE GRATE IN ASPHALT PAVEMENT |
| | 6 CONCRETE FOOTING FOR REMOVABLE BOLLARD | | LIMITS OF STRUCTURAL SOIL FOR TREE TRENCH |
| | 7 LANDSCAPE BOULDERS AT STORMWATER CURB CUT | | 7 LANDSCAPE BOULDERS AT STORMWATER CURB CUT |
| | PLANTED AREA | | |

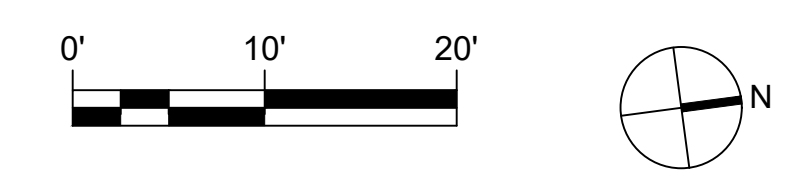
SITE MATERIALS NOTES:

- SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO ON MARCH 20, 2019.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
- THESE CONTRACT DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
- SEE L-102 FOR SITE LAYOUT PLAN.
- EXPANSION JOINTS TO OCCUR AT 10'-0" O.C. MAX. AND WHERE CONCRETE CURBING AND PAVEMENT MEET ALL EXISTING WALLS, PAVEMENTS, CURBS, AND OTHER SITE ELEMENTS.
- COORDINATE INSTALLATION OF FURNISHINGS AND EQUIPMENT FOUNDATIONS PRIOR TO INSTALLING SITE PAVEMENTS.
- CONCRETE CURB SHALL BE CAST OFF SITE TO MINIMIZE DAMAGE TO EXISTING TREE. COORDINATE INSTALLATION OF PRE-CAST CURB WITH AIR SPADING ADJACENT TO EXISTING TREE.
- FLUSH PRE-CAST CONCRETE CURB SHALL BE CAST OFF SITE TO MINIMIZE DAMAGE TO EXISTING TREE. COORDINATE INSTALLATION OF PRE-CAST CURB WITH AIR SPADING ADJACENT TO EXISTING TREE. FOR LOCATION OF PRE-CAST SECTION OF FLUSH CURBING, SEE PLAN, THIS SHEET.



1 SITE MATERIALS PLAN

SCALE: 1" = 10'-0"



RENOVATIONS TO HANCOCK PLAYGROUND

147 MASTER STREET
 PHILADELPHIA, PA
 19122

PROJECT NUMBER:
10-19-4399-01

PRIME CONSULTANT / LANDSCAPE ARCHITECT:
SALT
 DESIGN STUDIO
 LANDSCAPE ARCHITECTURE
 PLANNING & URBAN DESIGN
 4100 MAIN STREET
 SUITE 201
 PHILADELPHIA, PA 19127
 T: (215) 621-7600
 www.saltdesignstudio.com

CIVIL ENGINEER:

rodriguez
 1301 N. 2nd STREET
 PHILADELPHIA, PA 19122
 T: (215) 839-8087
 www.rodriguez.biz

DRAWING PHASE:
BID SET FOR CONSTRUCTION



SHEET TITLE:
FURNISHINGS & EQUIPMENT PLAN

| REV | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

SCALE:
 AS NOTED

DATE: 10/24/2019
 DRAWN BY: KR
 CHECKED BY: SPS
 SHEET NUMBER:
L-104

PLAY & FITNESS EQUIPMENT SCHEDULE:

| ITEM | QTY | PRODUCT NAME | PRODUCT NO. | MANUFACTURER | OPTIONS & COLORS | MAX. FALL HT. |
|------|-----|--|-----------------|--------------|--|---------------|
| A | 1 | PORTAL SWING, 6'-7" HEIGHT | KSW950458 | KOMPAN | ANTIWRAP SUSPENSIONS; LEGS, CONNECTOR & CROSSBEAM STEEL COLOR: YELLOW | 3'-11" |
| B | 2 | SWING SEAT: BABY | SW990022 | KOMPAN | STAINLESS STEEL CHAINS; SWING COLOR: BLACK | N/A |
| C | 1 | DOUBLE-BAY SWING | KSW950457 | KOMPAN | ANTIWRAP SUSPENSIONS; LEGS, CONNECTOR & CROSSBEAM STEEL COLOR: YELLOW | 4'-8" |
| D | 3 | SWING SEAT: STANDARD | SW990011 | KOMPAN | STAINLESS STEEL CHAINS; SWING COLOR: BLACK | N/A |
| E | 1 | SWING SEAT: ADA | SE7856 | KOMPAN | STAINLESS STEEL CHAINS; SWING COLOR: BLACK | N/A |
| F | 1 | TALK & TUMBLE WITH NET UNDER 2 | PCM712227 | KOMPAN | CUSTOM PANEL COLORS TO BE DETERMINED | 3'-3" |
| G | 1 | TODDLER PLAYHOUSE SLIDE | MSC620438 | KOMPAN | STAINLESS STEEL SLIDE; CUSTOM PANEL COLORS TO BE DETERMINED | 3'-3" |
| H | 1 | OPEN-STRAIGHT STAINLESS STEEL EMBANKMENT SLIDE | CCC712001-12300 | KOMPAN | STAINLESS STEEL SLIDE; SLIDE WIDTH: 3'-4", SLIDE LENGTH: 7'-11" | 4'-1" |
| I | 1 | MAXITE ROPE CLIMBER | COR105241 | KOMPAN | STEEL COLOR: YELLOW; ROPES: YELLOW, MEMBRANES: BLACK, PANELS: YELLOW, ALUMINUM BALLS: GRAY | 7'-5" |
| J | 1 | SUSPENSION TRAINER | FA240633 | KOMPAN | STEEL POSTS: BLUE | N/A |
| K | 1 | PARALLEL BARS | FSW30831 | KOMPAN | STEEL POSTS: BLUE | N/A |
| L | 1 | STEP, 8-IN. | FA240635 | KOMPAN | STEEL POSTS: BLUE | 0'-8" |
| M | 1 | STEP, 16-IN. | FA240634 | KOMPAN | STEEL POSTS: BLUE | 1'-4" |
| N | 1 | FITNESS STENCIL | SUR11200-001 | KOMPAN | PAINT COLOR: YELLOW | N/A |

LEGEND:

PROJECT LIMITS

EDGE OF PAVEMENT: SEE L-103 SITE MATERIALS PLAN FOR PAVEMENT TYPE

4A L-501 RAISED CONCRETE CURB

4B L-501 FLUSH CONCRETE CURB

4B L-501 FLUSH PRE-CAST CONCRETE CURB

ASTM SAFETY BOUNDARY FOR PLAY & FITNESS EQUIPMENT

ASTM CLEARANCE ZONE FOR PLAY EQUIPMENT & TRAINING ENVELOPE FOR FITNESS EQUIPMENT*

ASTM BUFFER ZONE FOR PLAY EQUIPMENT*

CHAIN LINK FENCE

3 L-503 FIXED PEDESTAL TABLE, 3 SEATS

3 L-503 FIXED PEDESTAL TABLE, 4 SEATS

1 L-503 BACKED BENCH

2 L-503 BACKLESS BENCH

5 L-501 TREE GRATE IN ASPHALT PAVEMENT

4 L-503 TRASH & RECYCLING RECEPTACLES

5 L-503 BICYCLE RACK

DRINKING FOUNTAIN / BOTTLE FILLING STATION; SEE SPECS

6 L-503 REMOVABLE BOLLARD

7 L-501 LANDSCAPE BOULDERS AT STORMWATER CURB CUT

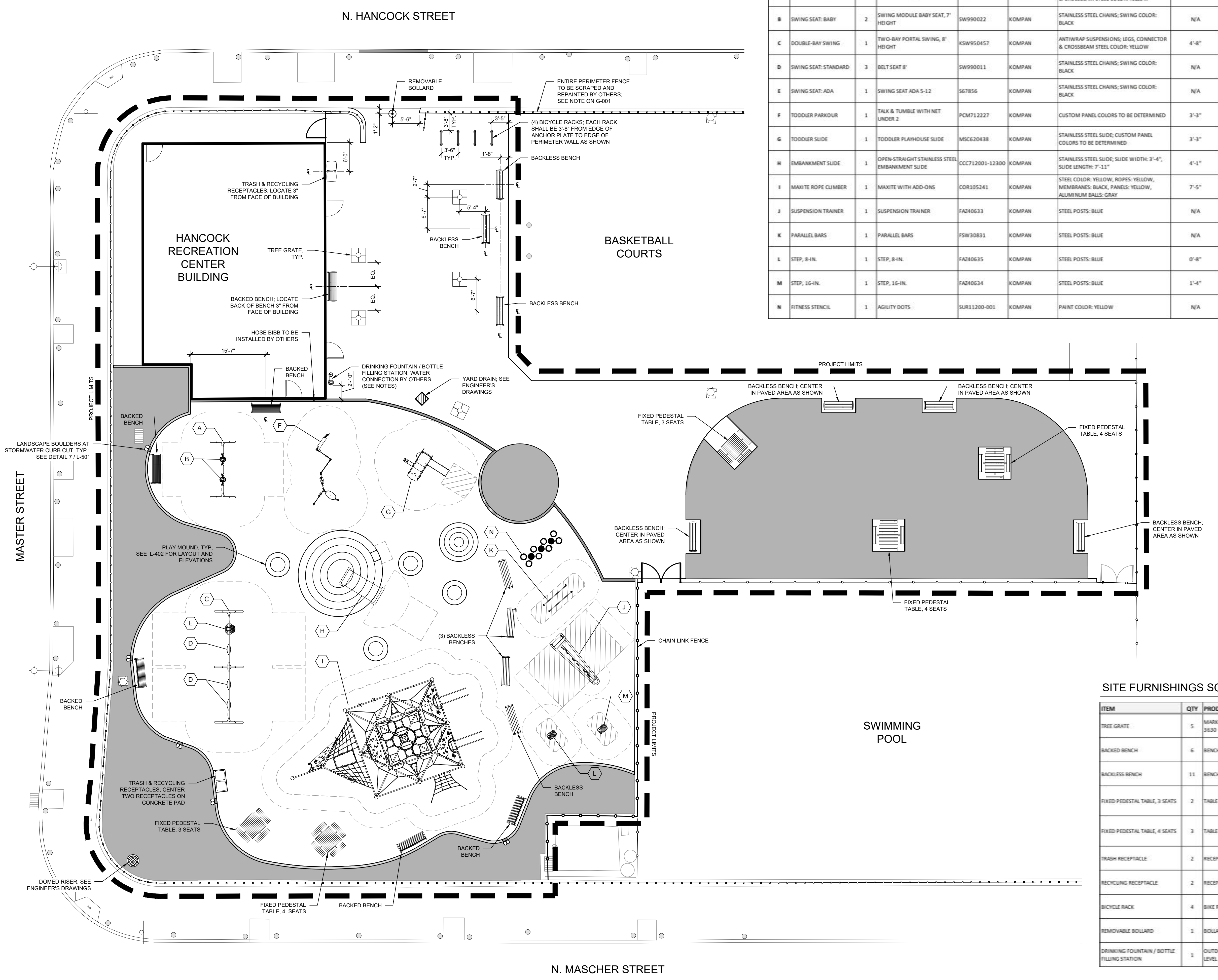
PLANTED AREA

SITE FURNISHINGS & EQUIPMENT NOTES:

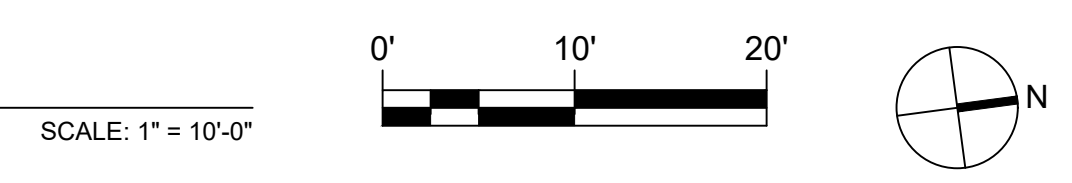
- SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO ON MARCH 20, 2019.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
- THESE CONTRACT DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
- CONTRACTOR TO OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF LAYOUT OF ALL SITE FURNISHINGS AND EQUIPMENT PRIOR TO INSTALLATION.
- DIMENSIONS ARE PROVIDED TO EDGE OF PAVEMENT, FRONT OF CURB, FACES OF WALLS, OR CENTERLINES OF OBJECTS, UNLESS NOTED OTHERWISE.
- ELEMENTS SHALL BE PARALLEL OR PERPENDICULAR, UNLESS NOTED OTHERWISE.
- SEE PLAY & FURNISHINGS EQUIPMENT SCHEDULE (ABOVE) FOR EQUIPMENT QUANTITIES AND PRODUCT AND MANUFACTURER INFORMATION.
- SEE SITE FURNISHINGS SCHEDULE (BELOW) FOR FURNISHINGS QUANTITIES AND PRODUCT AND MANUFACTURER INFORMATION.
- WATER CONNECTION FOR DRINKING FOUNTAIN / BOTTLE FILLING STATION TO BE INSTALLED BY OTHERS. SEE NOTE ON SHEET G-001.
- ENTIRE EXTERIOR PERIMETER FENCE TO BE SCRAPPED AND REPAINTED BY OTHERS. SEE NOTE ON SHEET G-001.
- LOCATIONS FOR NEW PHILADELPHIA PARKS AND RECREATION STANDARD SIGNAGE TO BE COORDINATED WITH OWNER AND LANDSCAPE ARCHITECT. SEE NOTE ON SHEET G-001.
- CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL EQUIPMENT FOUNDATIONS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL IN COORDINATION WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION. SHOP DRAWINGS ALSO INCLUDE ONE PLAN SHOWING LAYOUT OF ALL EQUIPMENT FOUNDATIONS WITHIN SAFETY SURFACE AREA.
- FOUNDATIONS FOR ALL FURNISHINGS AND EQUIPMENT SHALL BE LOCATED ON SITE AND REVIEWED IN FIELD WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. NO POURED-IN-PLACE SAFETY SURFACE SHALL BE INSTALLED UNTIL FOUNDATIONS FOR FURNISHINGS AND EQUIPMENT ARE INSTALLED.
- FOR FITNESS STENCIL LAYOUT AND PAINT INFORMATION, SEE SHEET L-401.

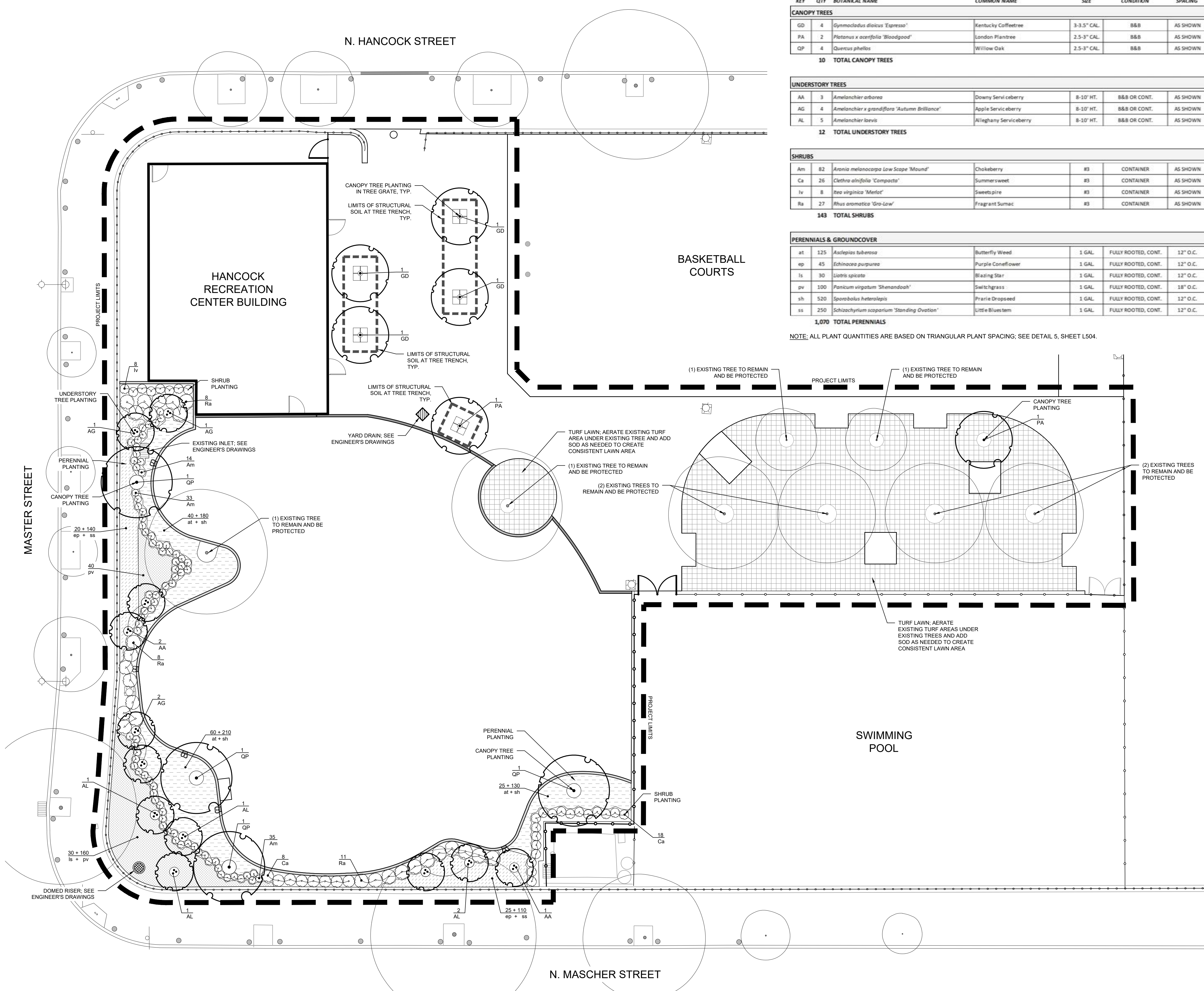
SITE FURNISHINGS SCHEDULE:

| ITEM | QTY | PRODUCT NAME & MODEL NUMBER | MANUFACTURER | OPTIONS, FINISHES & COLORS | INSTALLATION |
|--|-----|--|--------------|--|---|
| TREE GRATE | 5 | MARKET STREET 36-INCH SQUARE, MODEL No. 3630 | IRONSMTHT | FINISH: CAST IRON; SIZE: 36" SQUARE GRATE WITH 18" SQUARE TREE OPENING | PER MANUFACTURER'S INSTRUCTIONS |
| BACKED BENCH | 6 | BENCH 500, Model No. 500-60HS | DU MOR | 6" STEEL BENCH WITH STEEL SEAT; COLOR: ARGENTO | EMBEDDED |
| BACKLESS BENCH | 11 | BENCH 501, Model No. 501-60HSNA | DU MOR | 6" STEEL BACKLESS BENCH; NO ARMS, STEEL SEAT; COLOR: ARGENTO | EMBEDDED |
| FIXED PEDESTAL TABLE, 3 SEATS | 2 | TABLE 76, Model No. 76-33PL | DU MOR | 4" SQUARE TABLE, 3 SEATS, 3 X 4 PLASTIC; SLAT COLOR: WALNUT RECYCLED PLASTIC; POWDER COAT COLOR: BLACK | SURFACE MOUNT OR SUB-SURFACE MOUNT; SEE PLAN, THIS SHEET & L503 |
| FIXED PEDESTAL TABLE, 4 SEATS | 3 | TABLE 76, Model No. 76-34PL | DU MOR | 4" SQUARE TABLE, 4 SEATS, 3 X 4 PLASTIC; SLAT COLOR: WALNUT RECYCLED PLASTIC; POWDER COAT COLOR: BLACK | SURFACE MOUNT OR SUB-SURFACE MOUNT; SEE PLAN, THIS SHEET & L503 |
| TRASH RECEPTACLE | 2 | RECEPTACLE 502, Model No. 502-32HS-BT | DU MOR | 32-GALLON STEEL RECEPTACLE, BONNET COVER SIDE DEPOSIT; COLOR: ARGENTO | SURFACE MOUNT |
| RECYCLING RECEPTACLE | 2 | RECEPTACLE 502, Model No. 502-32HS-BT | DU MOR | 32-GALLON STEEL RECEPTACLE, BONNET COVER SIDE DEPOSIT; COLOR: RECYCLE BLUE | SURFACE MOUNT |
| BICYCLE RACK | 4 | BIKE RACK 252, Model No. 252-0015-2 | DU MOR | POWDER COATED BIKE RACK; COLOR: ARGENTO | SURFACE MOUNT |
| REMOVABLE BOLLARD | 1 | BOLLARD 400, Model No. 400-36/S-15L | DU MOR | 36" HIGH STEEL BOLLARD WITH GROUND SLEEVE WITH CAP; COLOR: SAFETY YELLOW | EMBEDDED WITH SLEEVE |
| DRINKING FOUNTAIN / BOTTLE FILLING STATION | 1 | OUTDOOR EZHQO BOTTLE FILLING STATION-BL-LEVEL PEDESTAL, Model No. UK4420BF1U | ELKAY | COLOR: BLUE | SURFACE MOUNT; WATER CONNECTION BY OTHERS |



1 FURNISHINGS & EQUIPMENT LAYOUT PLAN



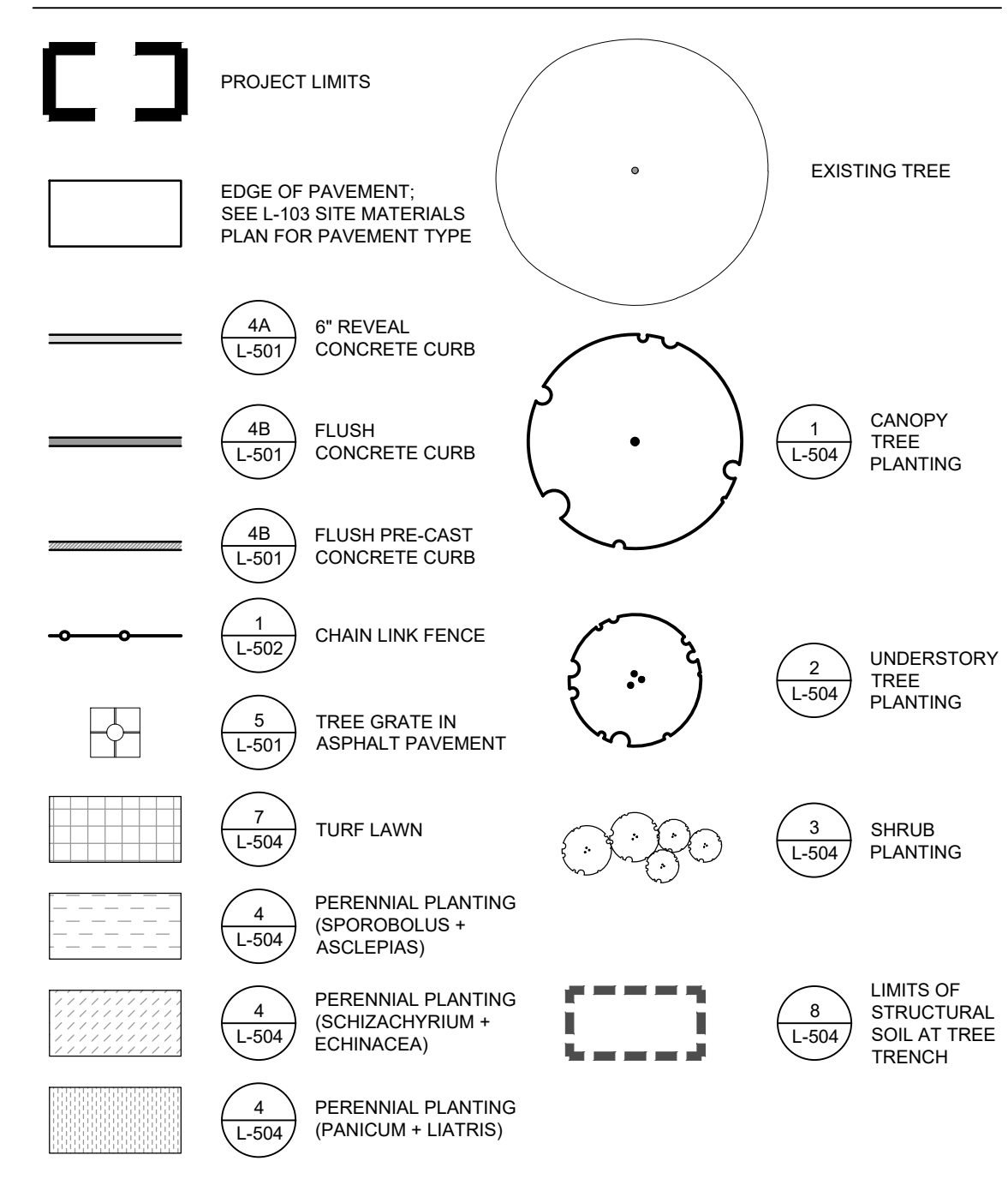


PLANT SCHEDULE:

| KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE | CONDITION | SPACING |
|-------------------------------------|-----|--|------------------------|-------------|---------------------|----------|
| CANOPY TREES | | | | | | |
| GD | 4 | <i>Gymnocladus dioica</i> 'Espresso' | Kentucky Coffeetree | 3-3.5" CAL. | B&B | AS SHOWN |
| PA | 2 | <i>Platanus x acerifolia</i> 'Bloodgood' | London Planetree | 2.5-3" CAL. | B&B | AS SHOWN |
| QP | 4 | <i>Quercus phellos</i> | Willow Oak | 2.5-3" CAL. | B&B | AS SHOWN |
| 10 TOTAL CANOPY TREES | | | | | | |
| UNDERSTORY TREES | | | | | | |
| AA | 3 | <i>Amelanchier arborea</i> | Downy Serviceberry | 8-10' HT. | B&B OR CONT. | AS SHOWN |
| AG | 4 | <i>Amelanchier x grandiflora</i> 'Autumn Brilliance' | Apple Serviceberry | 8-10' HT. | B&B OR CONT. | AS SHOWN |
| AL | 5 | <i>Amelanchier laevis</i> | Allegheny Serviceberry | 8-10' HT. | B&B OR CONT. | AS SHOWN |
| 12 TOTAL UNDERSTORY TREES | | | | | | |
| SHRUBS | | | | | | |
| Am | 82 | <i>Aronia melanocarpa</i> Law Scape 'Mound' | Chokeberry | #3 | CONTAINER | AS SHOWN |
| Ca | 26 | <i>Clethra alnifolia</i> 'Compacta' | Summersweet | #3 | CONTAINER | AS SHOWN |
| Iv | 8 | <i>Ilex virginica</i> 'Merlot' | Sweetgum | #3 | CONTAINER | AS SHOWN |
| Ra | 27 | <i>Rhus aromatica</i> 'Gra-Law' | Fragrant Sumac | #3 | CONTAINER | AS SHOWN |
| 143 TOTAL SHRUBS | | | | | | |
| PERENNIALS & GROUNDCOVER | | | | | | |
| at | 125 | <i>Asclepias tuberosa</i> | Butterfly Weed | 1 GAL. | FULLY ROOTED, CONT. | 12" O.C. |
| ep | 45 | <i>Echinacea purpurea</i> | Purple Coneflower | 1 GAL. | FULLY ROOTED, CONT. | 12" O.C. |
| ls | 30 | <i>Liatris spicata</i> | Blazing Star | 1 GAL. | FULLY ROOTED, CONT. | 12" O.C. |
| pv | 100 | <i>Panicum virgatum</i> 'Shenandoah' | Switchgrass | 1 GAL. | FULLY ROOTED, CONT. | 18" O.C. |
| sh | 520 | <i>Sporobolus heterolepis</i> | Prairie Dropseed | 1 GAL. | FULLY ROOTED, CONT. | 12" O.C. |
| ss | 250 | <i>Schizachyrium scoparium</i> 'Standing Ovation' | Little Bluestem | 1 GAL. | FULLY ROOTED, CONT. | 12" O.C. |
| 1,070 TOTAL PERENNIALS | | | | | | |

NOTE: ALL PLANT QUANTITIES ARE BASED ON TRIANGULAR PLANT SPACING; SEE DETAIL 5, SHEET L504.

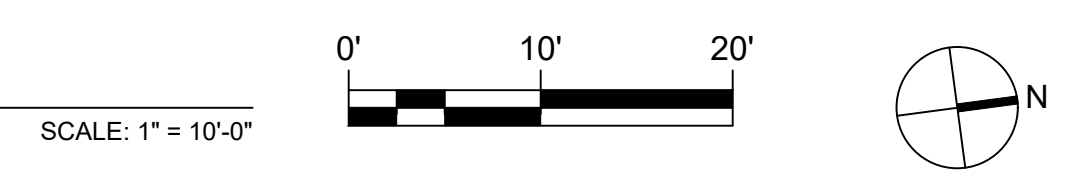
LEGEND:



PLANTING NOTES:

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- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND SUBTERRANEAN ELEMENTS PRIOR TO COMMENCING WORK. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT FOR RELOCATION INSTRUCTIONS IF A PLANT IS LOCATED WITHIN 3'-0" OF AN UNDERGROUND UTILITY.
- CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN WITH TREE PROTECTION FENCING AND MEASURES AS INDICATED ON ENGINEER'S PLANS.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING OR CONTINUING WORK.
- ALL EXISTING GRASS AND ROOTS OF REMOVED VEGETATION SHALL BE COMPLETELY REMOVED FROM SITE PRIOR TO INSTALLATION OF NEW PLANTS.
- THERE WILL BE NO PLANT SUBSTITUTIONS, DELETIONS, OR ADDITIONS WITHOUT THE APPROVAL OF LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF SUBSOIL CONDITIONS SHOW EVIDENCE OF UNEXPECTED WATER RETENTION IN TREE OR SHRUB PITS.
- CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES TO PREVENT SOIL LOSS AS INDICATED ON ENGINEER'S PLANS.
- ALL IMPORTED PLANTING SOIL MUST BE TESTED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. SEE SPECIFICATIONS.
- SEE PLANT SCHEDULE FOR PLANT SIZES, QUANTITIES, SPECIES AND CONDITION.
- TREE AND SHRUB LOCATIONS SHALL BE STAKED OR FLAGGED IN FIELD FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO STARTING PLANT INSTALLATION.
- ALL PERENNIAL PLANTINGS SHALL BE LAID OUT IN THE FIELD FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO STARTING PLANT INSTALLATION.
- ALL TREES SHALL HAVE AT LEAST 24" APPROVED PLANTING SOIL AROUND ROOTBALL. ALL SHRUBS SHALL HAVE AT LEAST 18" APPROVED PLANTING SOIL AROUND ROOTBALL.
- CANOPY TREES SHALL BE LIMBED UP TO 7-FT. HEIGHT UNDER DIRECTION OF LANDSCAPE ARCHITECT. DO NO LIMB TREES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL INSTALL IRRIGATION BAGS FOR ALL NEW CANOPY AND UNDERSTORY TREES IMMEDIATELY UPON COMPLETION OF INSTALLATION. SEE SPECIFICATIONS.
- MULCH, COMPOST AND/OR LEAF LITTER IS TO BE INSTALLED AS INDICATED ON DETAILS AND IN SPECIFICATIONS.
- TEMPORARY DRIP IRRIGATION TO BE INSTALLED AND MAINTAINED FOR ONE FULL YEAR FROM PROJECT CLOSE-OUT. SUBMIT SHOP DRAWINGS OF TEMPORARY DRIP IRRIGATION LAYOUT AND INFORMATION SUBMITTALS FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- TEMPORARY PLANT PROTECTION FENCING TO BE INSTALLED IMMEDIATELY UPON COMPLETION OF PLANT INSTALLATION. PROTECTION FENCING TO BE LOCATED BEHIND AND ALONG ENTIRE LENGTH OF CONCRETE CURB TO PROTECT PERENNIAL AND SHRUB PLANTINGS.
- PROTECTION FENCING SHALL CONSIST OF WOOD STAKES AND NEUTRAL OR BLACK COLORED ROPE. WOOD STAKES SHALL BE SPACED 4'-0" O.C. AND SHALL BE INSTALLED AT 30" HEIGHT RELATIVE TO ADJACENT SAFETY SURFACE. SUBMIT SAMPLE OF SELECTED MATERIALS TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- PROTECTION FENCING SHALL REMAIN IN PLACE AND BE MAINTAINED BY CONTRACTOR FOR A MINIMUM OF ONE (1) YEAR.

1 PLANTING PLAN



CLIENT: PHILADELPHIA PARKS & RECREATION

REBUILD PHILADELPHIA

PROJECT NAME & ADDRESS: **RENOVATIONS TO HANCOCK PLAYGROUND**
147 MASTER STREET PHILADELPHIA, PA 19122

PROJECT NUMBER: **10-19-4399-01**

PRIME CONSULTANT / LANDSCAPE ARCHITECT: **SALT DESIGN STUDIO**
LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
4100 MAIN STREET SUITE 201 PHILADELPHIA, PA 19127 T: (215) 621-7600 www.saltdesignstudio.com

CIVIL ENGINEER: **rodriguez**
1301 N. 2nd STREET PHILADELPHIA, PA 19122 T: (215) 839-8087 www.rodriguez.biz

DRAWING PHASE: **BID SET FOR CONSTRUCTION**

SEAL: [Professional Engineer Seal]

SHEET TITLE: **PLANTING PLAN**

| REV | DATE | DESCRIPTION |
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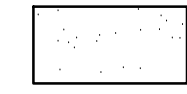

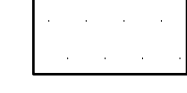
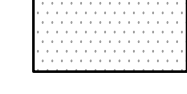
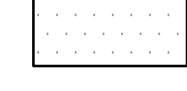

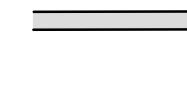

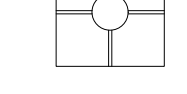
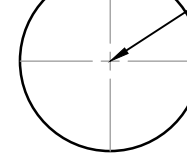
SCALE: AS NOTED

DATE: 10/24/2019 DRAWN BY: KR CHECKED BY: SPS

SHEET NUMBER: **L-105**

SALT DESIGN STUDIO FILE NO: 1902

LEGEND:

-  PROJECT LIMITS
-  1 ASPHALT PAVEMENT (L-501)
-  PAVEMENT PAINT ON ASPHALT PAVEMENT. SEE SPECS
-  2 POURED-IN-PLACE SAFETY SURFACE COLOR 1 (L-501)
-  2 POURED-IN-PLACE SAFETY SURFACE COLOR 2 (L-501)
-  2 POURED-IN-PLACE SAFETY SURFACE COLOR 3 (L-501)
-  3 CONCRETE PAVEMENT (L-501)
-  4A RAISED CONCRETE CURB (L-501)
-  4B FLUSH CONCRETE CURB (L-501)
-  5 TREE GRATE IN ASPHALT PAVEMENT (L-501)
-  CENTER OF SITE ELEMENT
SITE ELEMENT CENTER MARK

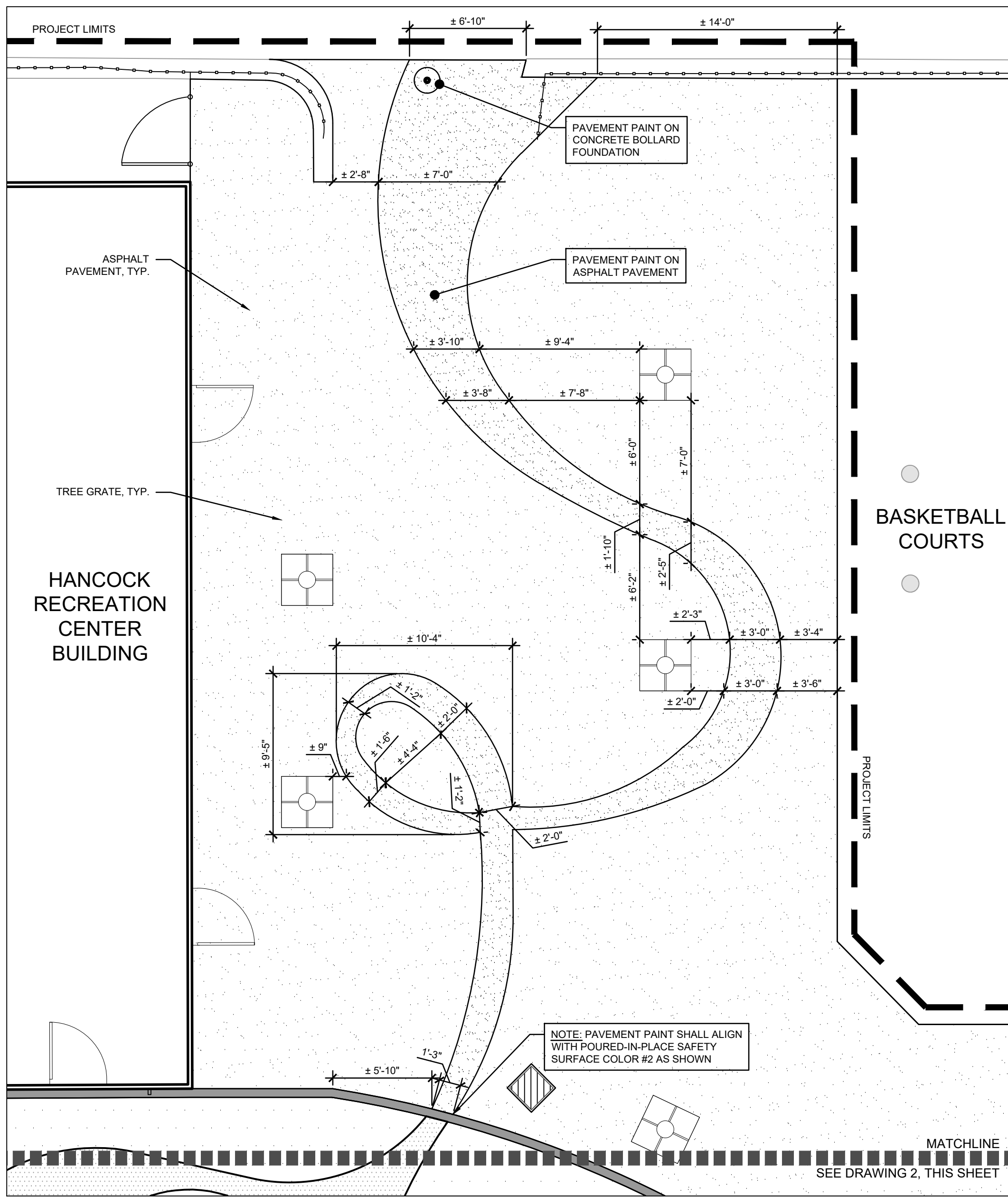
LAYOUT NOTES:

1. SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO ON MARCH 20, 2019.
2. ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
3. VERIFY DIMENSIONS AND ACCEPT CONDITIONS BEFORE PROCEEDING WITH ANY WORK. REPORT DISCREPANCIES TO LANDSCAPE ARCHITECT.
4. THESE CONSTRUCTION DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
5. DO NOT SCALE DRAWINGS; CONSULT LANDSCAPE ARCHITECT FOR ANSWERS TO ALL DIMENSIONAL QUESTIONS.
6. DIMENSIONS ARE PROVIDED TO EDGE OF PAVEMENT, FRONT OF CURB, OR FACES OF WALLS, UNLESS NOTED OTHERWISE.
7. PROVIDE SLOPES ON PAVEMENT SURFACES AS INDICATED ON SHEET C-102 TO ALLOW FOR POSITIVE DRAINAGE.
8. SEE SHEET L-102 FOR LAYOUT OF SITE PAVEMENTS INCLUDING CURBS AND ASPHALT PAVEMENT.
9. CONTRACTOR SHALL MARK LAYOUT OF PAVEMENT PAINT AND SAFETY SURFACE PATTERN FOR REVIEW AND OBTAIN APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
10. CONTRACTOR TO PROVIDE SAMPLES OF POURED-IN-PLACE SAFETY SURFACE COLORS AND PAVEMENT PAINT COLOR FOR LANDSCAPE ARCHITECT TO REVIEW. SEE SPECIFICATIONS.
11. FITNESS STENCIL PAINT:
 - 11.1. THE RECOMMENDED PAINTS FOR THIS APPLICATION ON EPDM RUBBER ARE UV AND WEATHER-RESISTANT TWO COMPONENT POLYURETHANE WITH GOOD LONG TERM ELASTICITY AND ABRASION RESISTANCE. THE MATERIAL CONTAINS SOLVENT AND IS A SYSTEM ESPECIALLY SUITED FOR ALL SYNTHETIC SPORTS AND PLAYING SURFACES.
 - 11.2. SEE MANUFACTURER'S MANUAL FOR FURTHER DETAILS.
12. SEE SPECIFICATIONS FOR DETAILED INFORMATION ABOUT SAFETY SURFACE COLORS, SAMPLES, AND MOCKUPS.

APPROXIMATE QUANTITIES*:

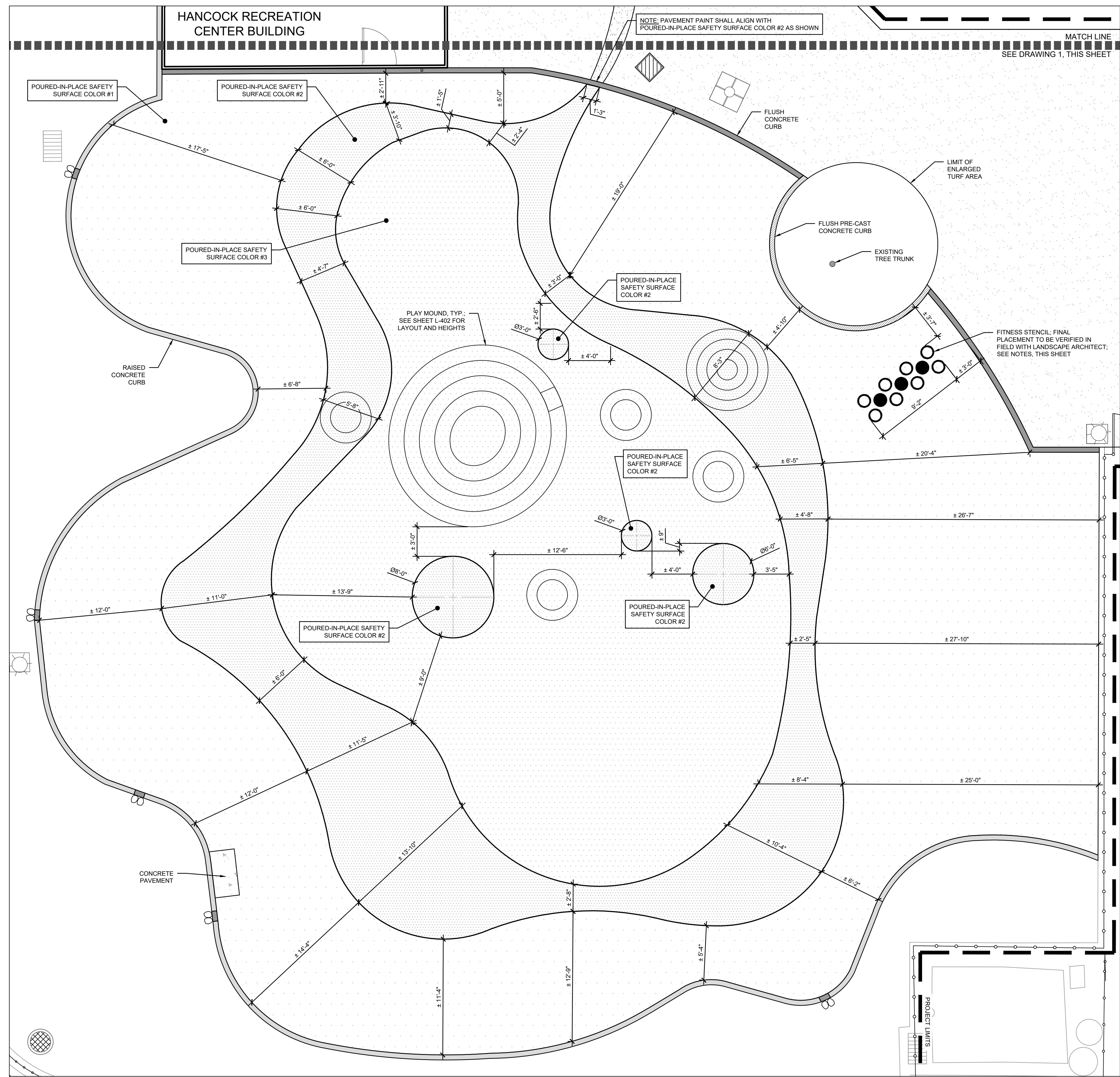
- PAVEMENT PAINT: APPROX. 290 SF
- POURED-IN-PLACE SAFETY SURFACE COLOR #1: APPROX. 3,765 SF
- POURED-IN-PLACE SAFETY SURFACE COLOR #2: APPROX. 1,495 SF
- POURED-IN-PLACE SAFETY SURFACE COLOR #3: APPROX. 2,230 SF

* CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING EXACT QUANTITIES OF ALL MATERIALS.



1 PLAN ENLARGEMENT: PAVEMENT PAINT LAYOUT

SCALE: 3/16" = 1'-0"



2 PLAN ENLARGEMENT: SAFETY SURFACE PATTERN & FITNESS STENCIL LAYOUT

SCALE: 3/16" = 1'-0"



RENOVATIONS TO HANCOCK PLAYGROUND

147 MASTER STREET
PHILADELPHIA, PA
19122

PROJECT NUMBER:
10-19-4399-01

PRIME CONSULTANT / LANDSCAPE ARCHITECT:
SALT DESIGN STUDIO
LANDSCAPE ARCHITECTURE
PLANNING & URBAN DESIGN

4100 MAIN STREET
SUITE 201
PHILADELPHIA, PA 19127
T: (215) 621-7600
www.saltdesignstudio.com

CIVIL ENGINEER:
rodriguez
1301 N. 2nd STREET
PHILADELPHIA, PA 19122
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www.rodriguez.biz

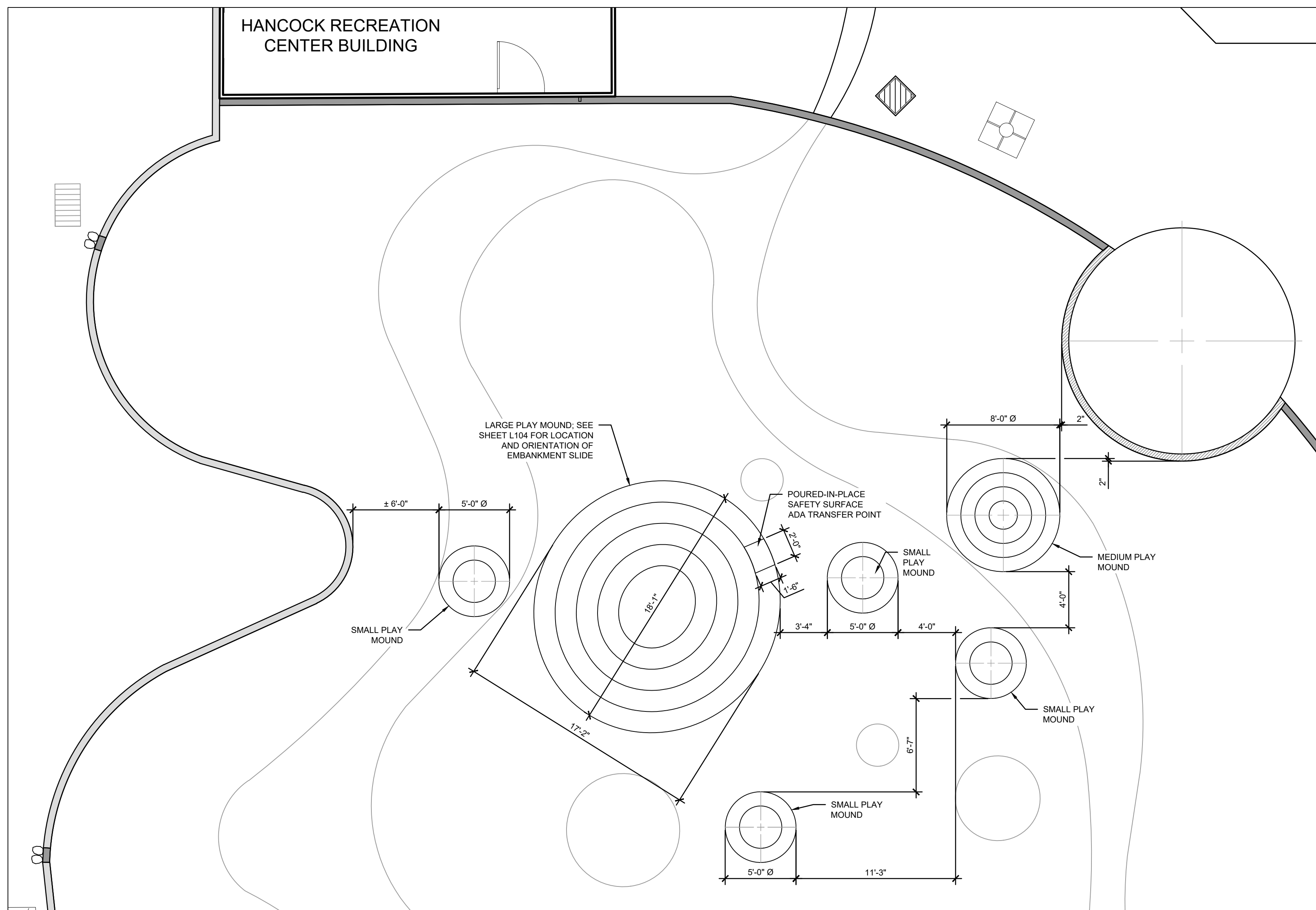
DRAWING PHASE:
BID SET FOR CONSTRUCTION



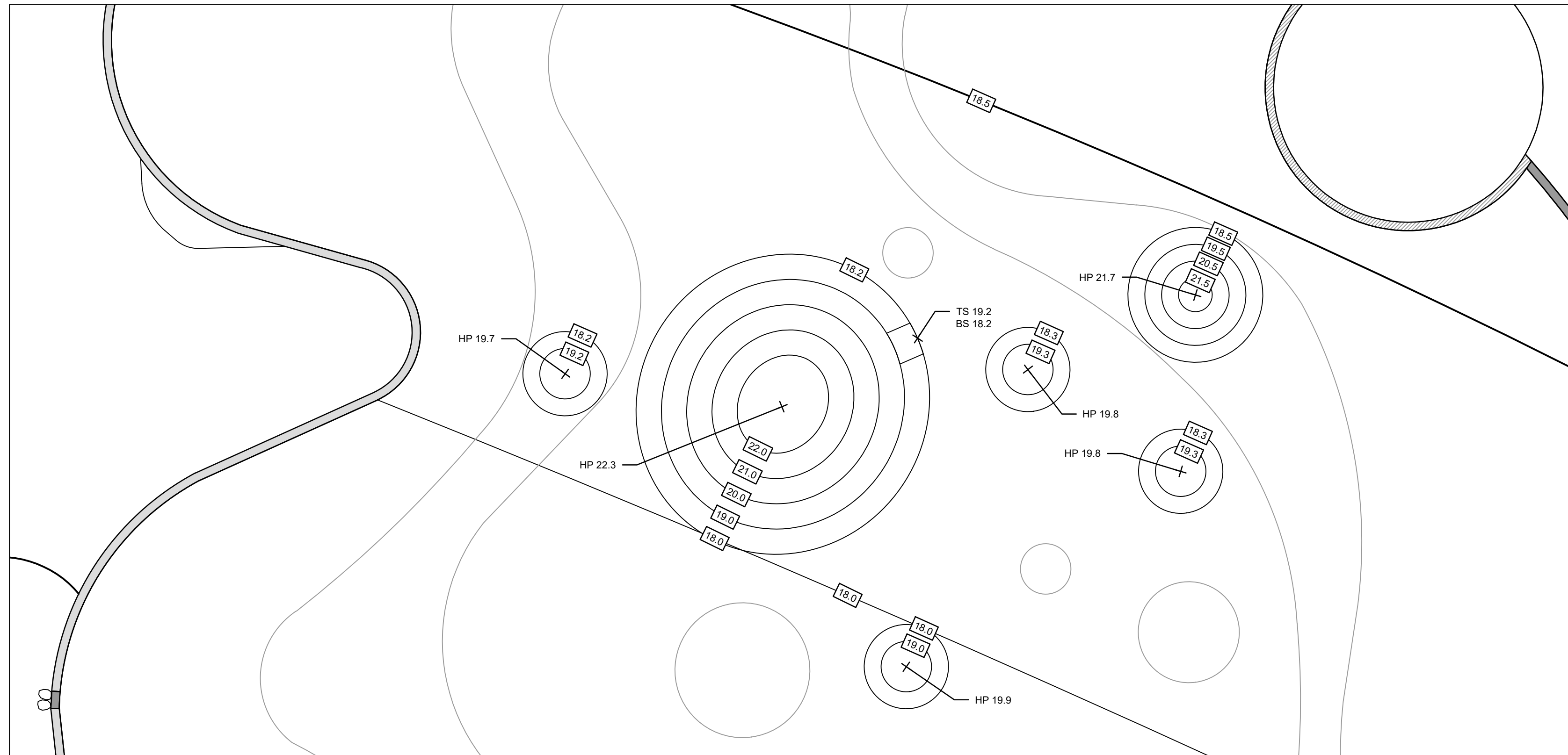
PLAN ENLARGEMENTS

| REV | DATE | DESCRIPTION |
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L-401



1 PLAN ENLARGEMENT: PLAY MOUNDS LAYOUT
SCALE: 3/16" = 1'-0"

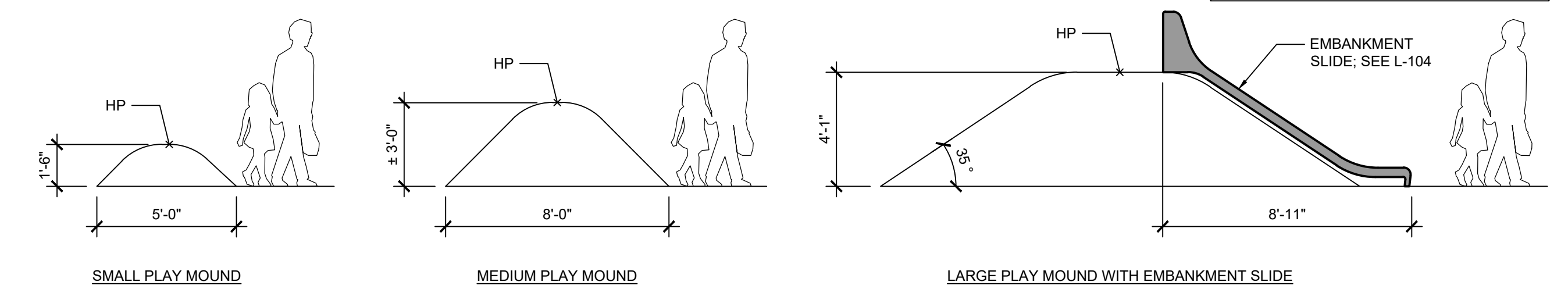


2 PLAN ENLARGEMENT: PLAY MOUNDS GRADING
SCALE: 3/16" = 1'-0"

LEGEND:

- 4A RAISED CONCRETE CURB (L-501)
- 4B FLUSH CONCRETE CURB (L-501)
- 6 TREE GRATE IN ASPHALT PAVEMENT (L-501)
- CENTER OF SITE ELEMENT
- SITE ELEMENT CENTER MARK
- HIGH POINT (HP)

- LAYOUT AND GRADING NOTES:**
- SITE SURVEY DATA WAS PROVIDED FROM FIELD SURVEYED INFORMATION COLLECTED BY RODRIGUEZ CONSULTING, LLC IN MARCH 2019 AND PROVIDED TO SALT DESIGN STUDIO ON MARCH 20, 2019.
 - ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REGULATIONS.
 - VERIFY DIMENSIONS AND ACCEPT CONDITIONS BEFORE PROCEEDING WITH ANY WORK. REPORT DISCREPANCIES TO LANDSCAPE ARCHITECT.
 - THESE CONSTRUCTION DOCUMENTS MAKE NO REPRESENTATIONS AS TO THE MEANS AND METHODS OF CONSTRUCTION.
 - DO NOT SCALE DRAWINGS; CONSULT LANDSCAPE ARCHITECT FOR ANSWERS TO ALL DIMENSIONAL QUESTIONS.
 - CONTRACTOR TO OBTAIN THE LANDSCAPE ARCHITECT'S APPROVAL OF LAYOUT OF PAVEMENT PAINT AND SAFETY SURFACE PATTERNS PRIOR TO INSTALLATION.
 - DIMENSIONS ARE PROVIDED TO EDGES OF PLAY MOUNDS, EDGES OF PAVEMENT, FRONT OF CURBS, OR FACES OF WALLS, UNLESS NOTED OTHERWISE.
 - PROVIDE SLOPES ON PAVEMENT SURFACES AS INDICATED ON GRADING AND DRAINAGE PLAN TO ALLOW FOR POSITIVE DRAINAGE.
 - SEE SHEET L-102 FOR LAYOUT OF SITE PAVEMENTS INCLUDING CURBS AND ASPHALT PAVEMENT.
 - SEE DETAIL 6 / L-501 FOR TYPICAL PLAY MOUND INSTALLATION DETAIL.

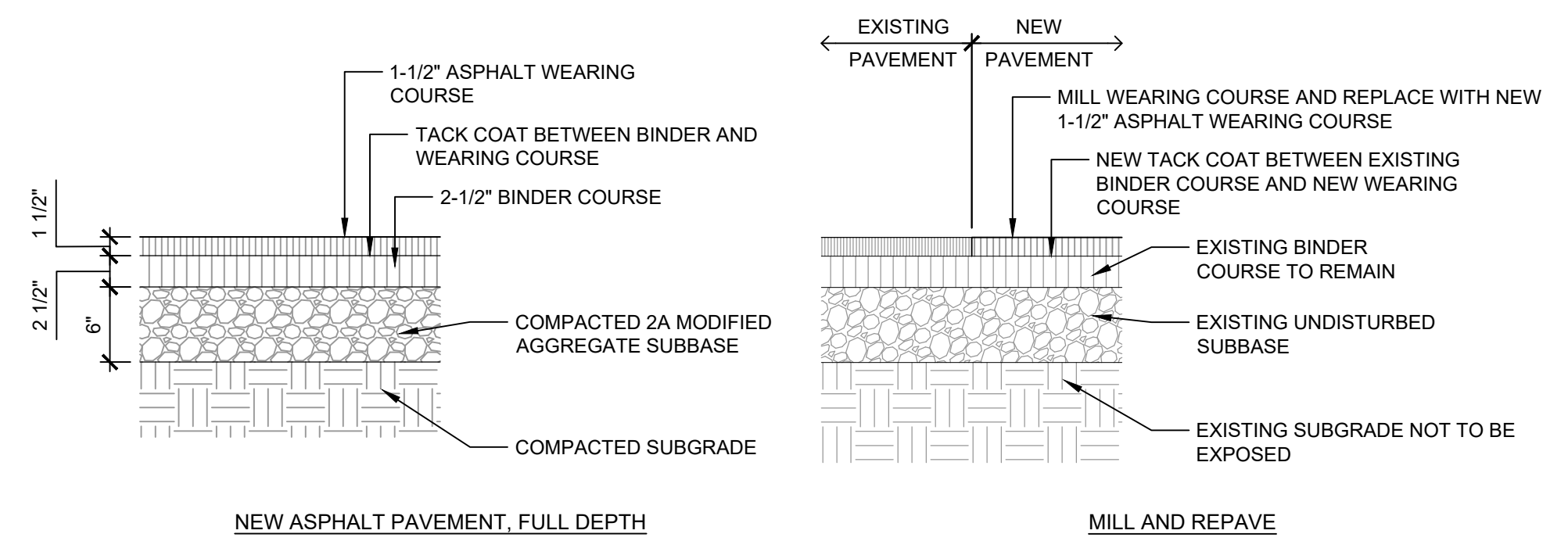


3 PLAY MOUNDS TYPICAL ELEVATIONS
SCALE: 1/4" = 1'-0"

- NOTES:**
- CONTOURS FOR LARGE PLAY MOUND MUST BE 1'-6" APART FOR PROPER INSTALLATION OF THE EMBANKMENT SLIDE.
 - IF THE CONTOURS ARE GREATER THAN 1'-6" APART, THE SLOPE WILL NOT BE STEEP ENOUGH. IF THE CONTOURS ARE LESS THAN 1'-6" APART, THE SLOPE WILL BE TOO STEEP.
 - SLIDE BED SHALL BE INSTALLED SO IT FOLLOWS THE CONTOUR OF LARGE PLAY MOUND.
 - SLIDE EXIT SHALL BE NO MORE THAN 1'-0" ABOVE FINISHED GRADE.

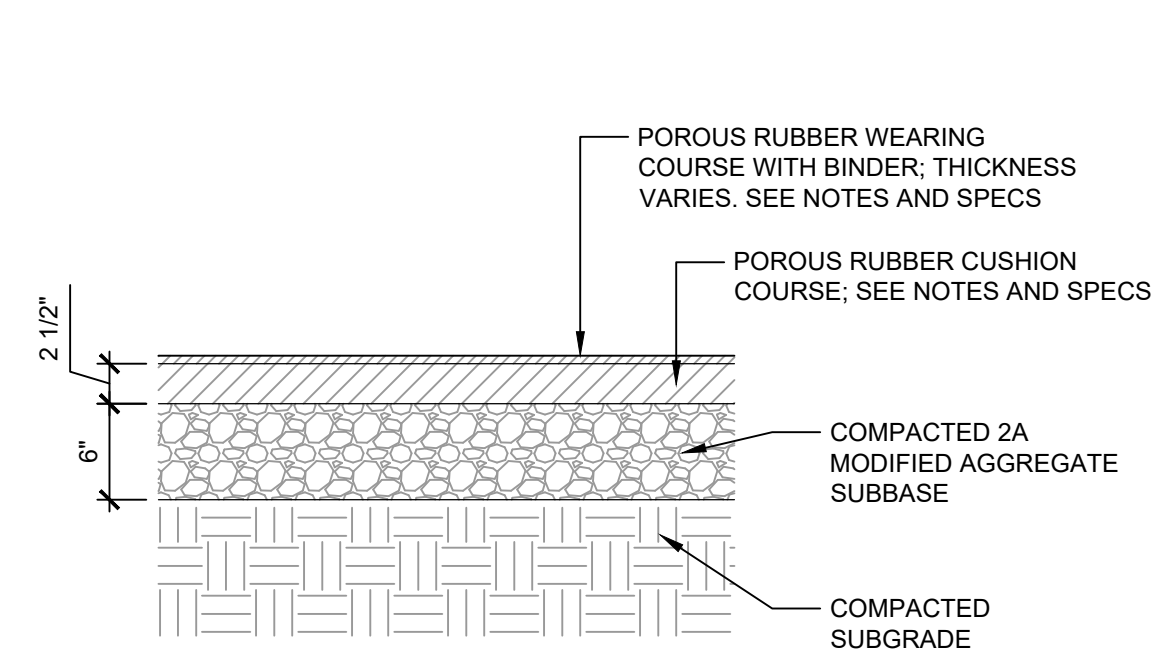
CLIENT: PHILADELPHIA PARKS & RECREATION
 Rebuild PHILADELPHIA
 PROJECT NAME & ADDRESS: RENOVATIONS TO HANCOCK PLAYGROUND
 147 MASTER STREET PHILADELPHIA, PA 19122
 PROJECT NUMBER: 10-19-4399-01
 PRIME CONSULTANT / LANDSCAPE ARCHITECT: SALT DESIGN STUDIO
 LANDSCAPE ARCHITECTURE PLANNING & URBAN DESIGN
 4100 MAIN STREET SUITE 201 PHILADELPHIA, PA 19122
 T: (215) 621-7600 www.saltdesignstudio.com
 CIVIL ENGINEER: rodriguez
 1301 N. 2nd STREET PHILADELPHIA, PA 19122
 T: (215) 839-8087 www.rodriguez.biz
 DRAWING PHASE: BID SET FOR CONSTRUCTION
 SEAL: [Professional Engineer Seal]
 SHEET TITLE: PLAN ENLARGEMENTS
 REV DATE DESCRIPTION
 SCALE: AS NOTED
 DATE: 10/24/2019 DRAWN BY: KR CHECKED BY: SPS
 SHEET NUMBER: L-402
 SALT DESIGN STUDIO FILE NO.: 1902

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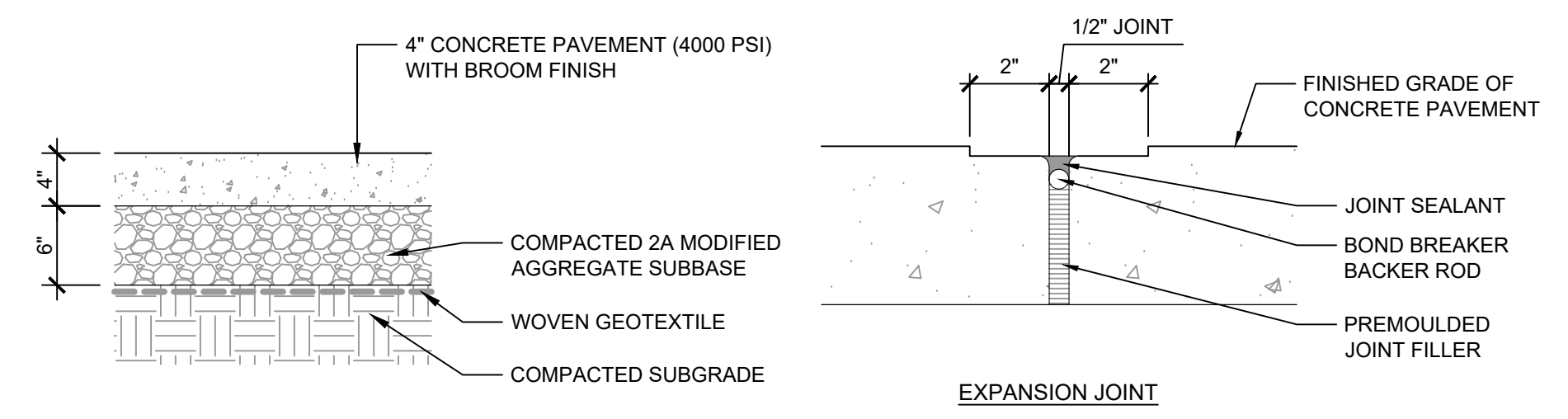
- NOTES:**
1. NEW ASPHALT PAVEMENT SHOULD MEET PENNDOT PUB 408 STANDARDS.
 2. TACK COAT BETWEEN BINDER AND WEARING COURSE.
 3. AGGREGATE SUBBASE SHALL BE COMPACTED TO 95% STANDARD PROCTOR COMPACTION, PER ASTM REQUIREMENTS.
 4. SEE SHEETS L-101 AND L-103 TO DETERMINE AREAS TO RECEIVE NEW ASPHALT PAVEMENT AT FULL DEPTH AND AREAS TO BE MILLED AND REPAVED.
 5. SEE C-102 FOR FINISH GRADES OF ASPHALT.

1 ASPHALT PAVEMENT
 SCALE: NTS



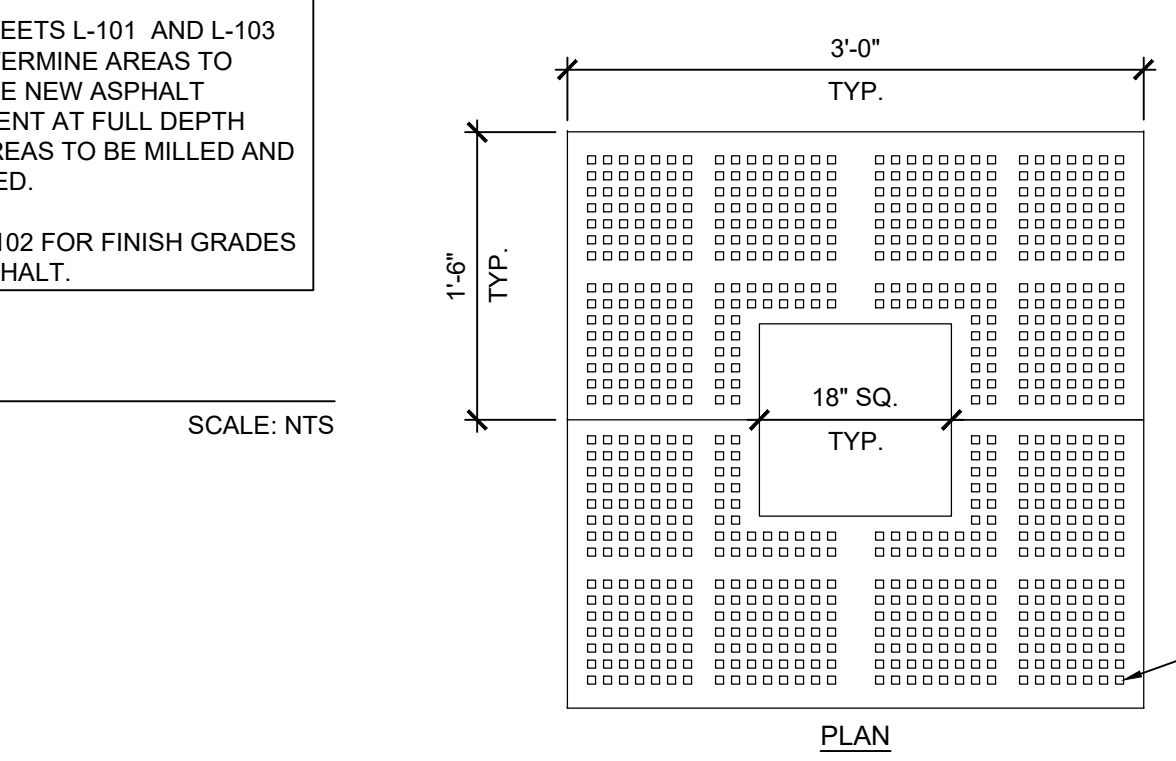
- NOTES:**
1. WEARING COURSE THICKNESS:
 - 1.1 1/2" STANDARD THICKNESS, MIN.
 - 1.2 3/4" THICKNESS UNDER SWINGS, END OF SLIDES, PLAY EQUIPMENT ENTRANCES AND EXITS, AND AREAS OF INCREASED FOOT TRAFFIC; SEE PLANS FOR ASTM BUFFER AND CLEARANCE ZONES. REVIEW IN FIELD WITH LANDSCAPE ARCHITECT AND REPRESENTATIVE FROM PLAY AND FITNESS EQUIPMENT MANUFACTURER.
 2. CUSHION COURSE THICKNESS:
 - 2.1 2 1/2" CUSHION COURSE AS SPECIFIED MEETS OR EXCEEDS ASTM-F1487-11 AND ASTM-F1292-04 FOR FALL HEIGHTS AS DICTATED BY SPECIFIED PLAY AND FITNESS EQUIPMENT.
 3. AGGREGATE SUBBASE SHALL BE COMPACTED TO 95% STANDARD PROCTOR COMPACTION, PER ASTM REQUIREMENTS.
 4. INSTALL POURED-IN-PLACE SAFETY SURFACE PER MANUFACTURER'S INSTRUCTIONS.

2 POURED-IN-PLACE SAFETY SURFACE
 SCALE: NTS



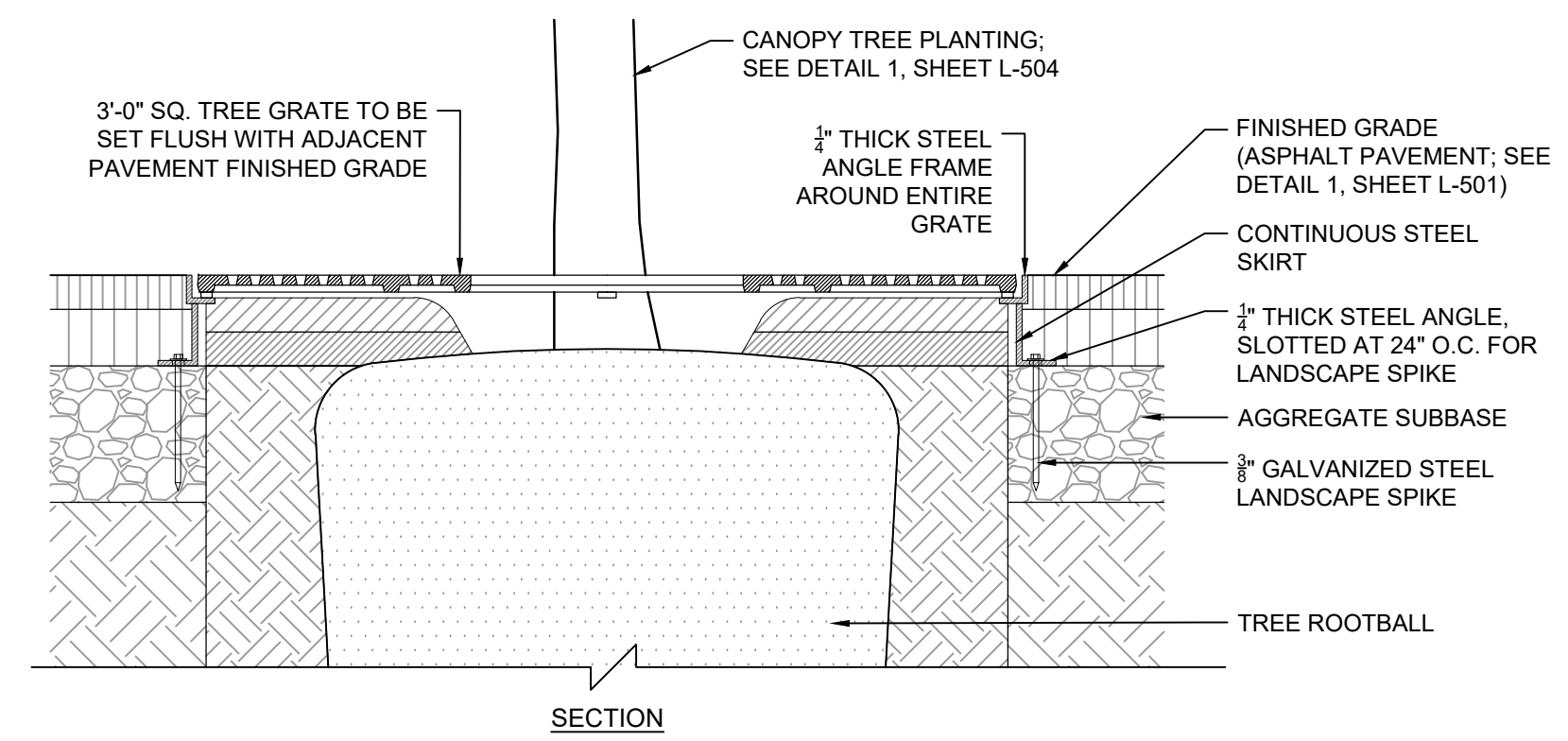
- NOTES:**
1. EXPANSION JOINTS TO OCCUR AT 10' O.C. MAX. AND WHERE CONCRETE PAVEMENT MEETS ALL CURBS, WALLS, EXISTING SITE ELEMENTS, AND WHERE SHOWN ON PLANS OR OTHER DETAILS.
 2. SUBMIT PRODUCT DATA FOR JOINT FILLER AND WOVEN GEOTEXTILE TO LANDSCAPE ARCHITECT FOR APPROVAL.
 3. TOOLED JOINT TO OCCUR AT EACH CONTROL JOINT AS SHOWN ON PLANS. TOOLING SHALL ALSO OCCUR AROUND ENTIRE PERIMETER OF CONCRETE PAVEMENT.

3 CONCRETE PAVEMENT
 SCALE: NTS

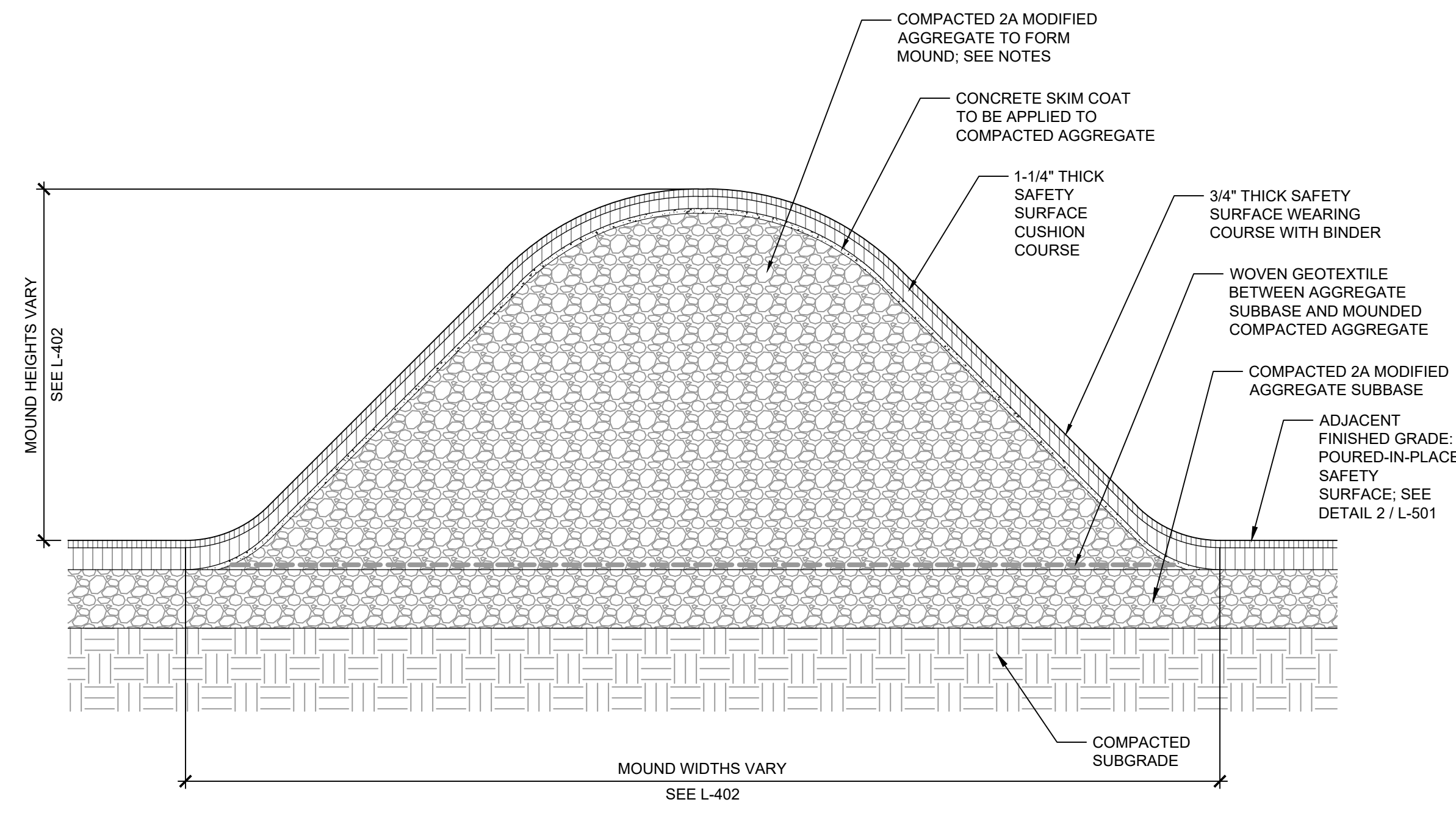


- NOTES:**
1. TREE GRATE SHALL BE 'MARKET STREET TREE GRATE', MODEL M3630, MANUFACTURED BY IRONSMITH.
 2. FINISH TO BE CAST IRON WITH 18" SQUARE TREE OPENING SIZE.
 3. INSTALL GRATES PER MANUFACTURER'S INSTRUCTIONS.
 4. SEE L-103 SITE MATERIALS PLAN FOR LOCATIONS OF TREE GRATES.
 5. SEE DETAIL 8, SHEET L-504 FOR CONNECTED UNDERGROUND TREE TRENCH DETAIL.

5 TREE GRATE IN ASPHALT PAVEMENT
 SCALE: NTS

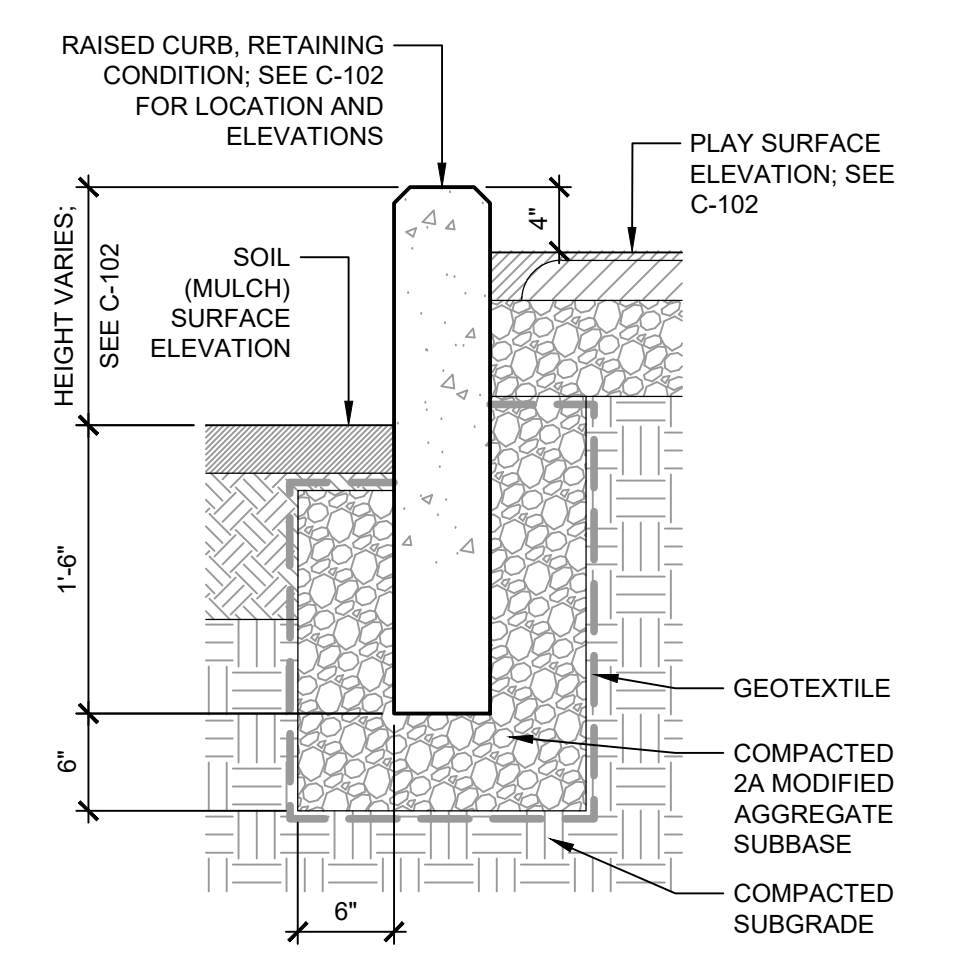


SECTION
 SCALE: NTS



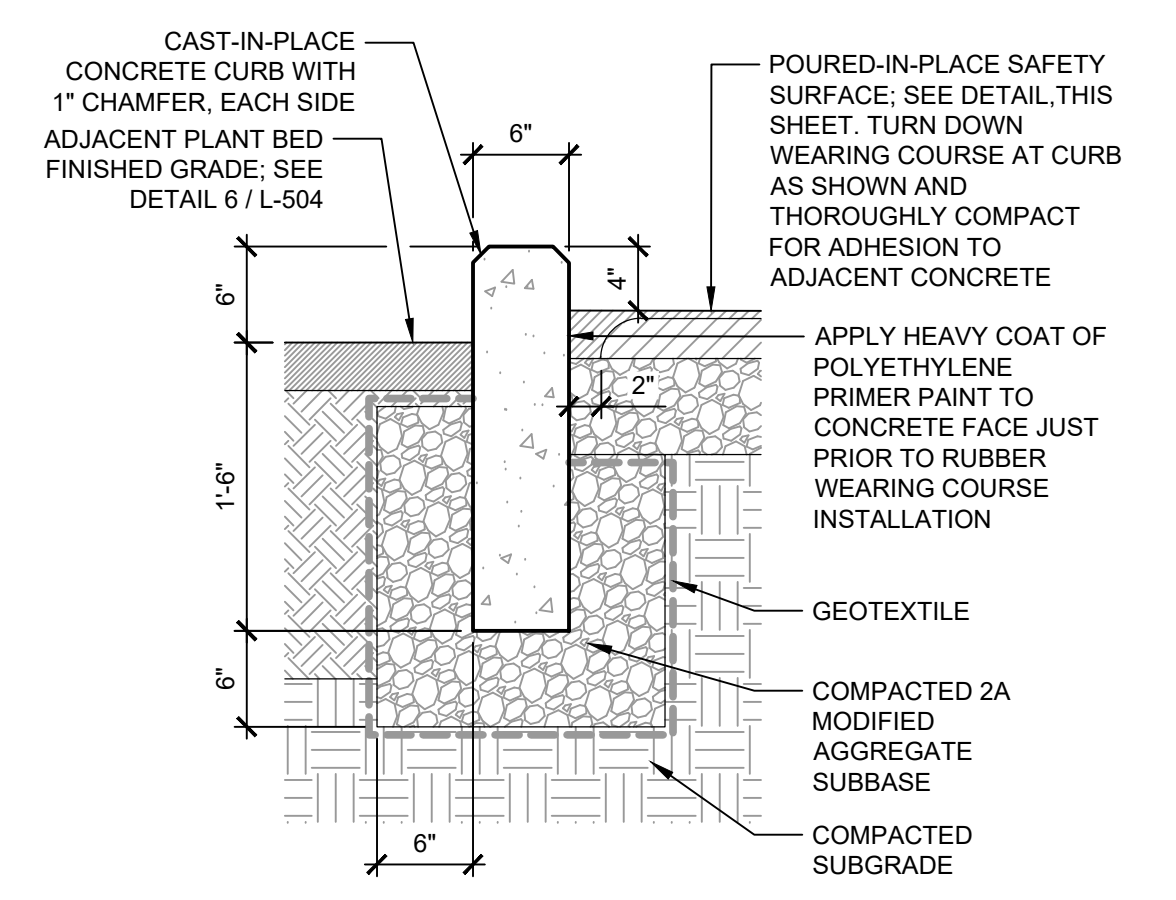
6 PLAY MOUND - TYPICAL
 SCALE: NTS

- NOTES:**
1. 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.
 2. APPLY BINDING PRIMER COAT TO TOP OF CONCRETE SKIM COAT TO ENSURE SAFETY SURFACE COURSES ADHERE TO CONCRETE.
 3. INSTALL POURED-IN-PLACE SAFETY SURFACE PER MANUFACTURER'S RECOMMENDATIONS.
 4. HEIGHTS AND WIDTHS OF MOUNDS VARY; SEE L-402.



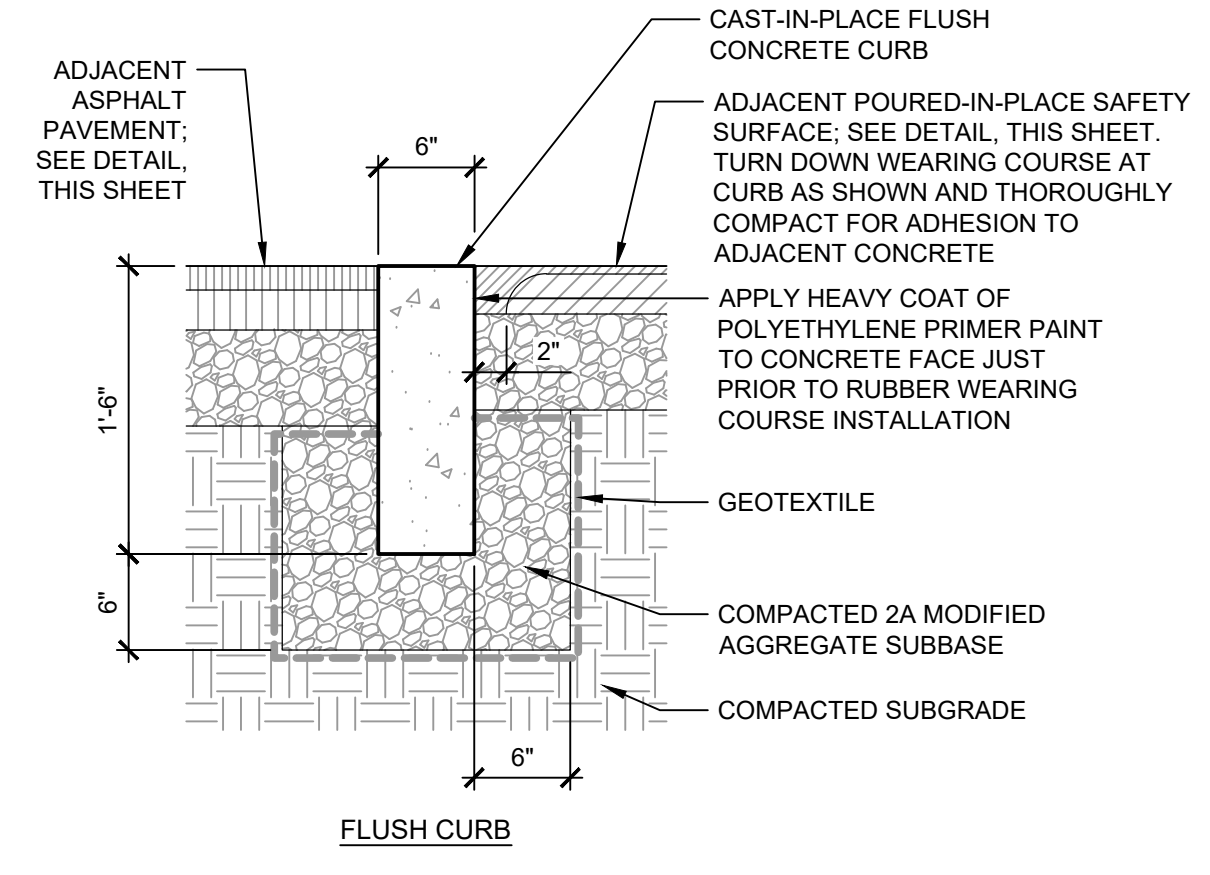
8 RAISED CURB, RETAINING CONDITION
 SCALE: NTS

- NOTES:**
1. INSTALL CURB EXPANSION JOINTS AT 10'-0" O.C. MAX.
 2. SUBMIT PRODUCT DATA FOR JOINT FILLER AND GEOTEXTILE TO LANDSCAPE ARCHITECT FOR APPROVAL.

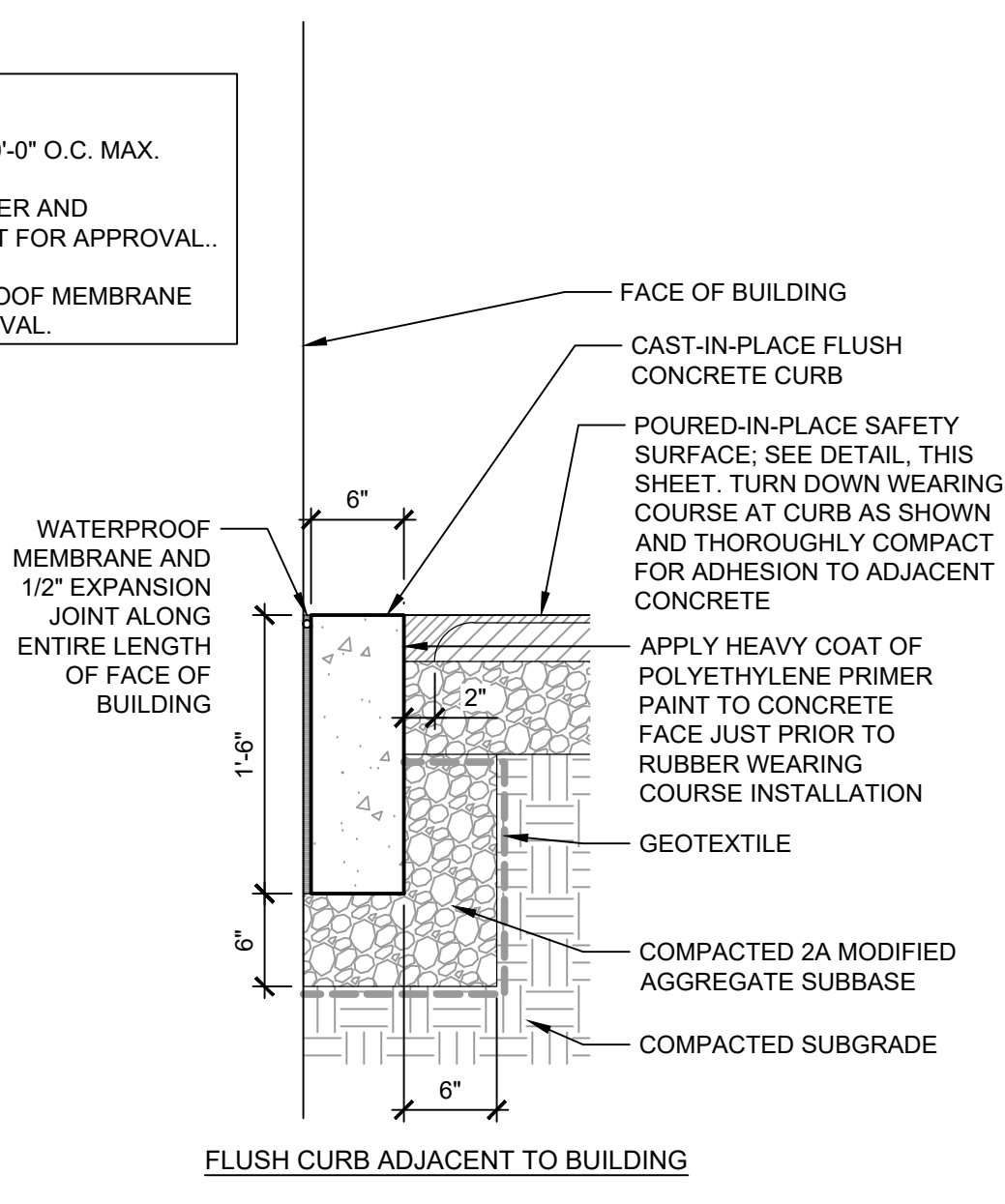


4A RAISED CONCRETE CURB
 SCALE: NTS

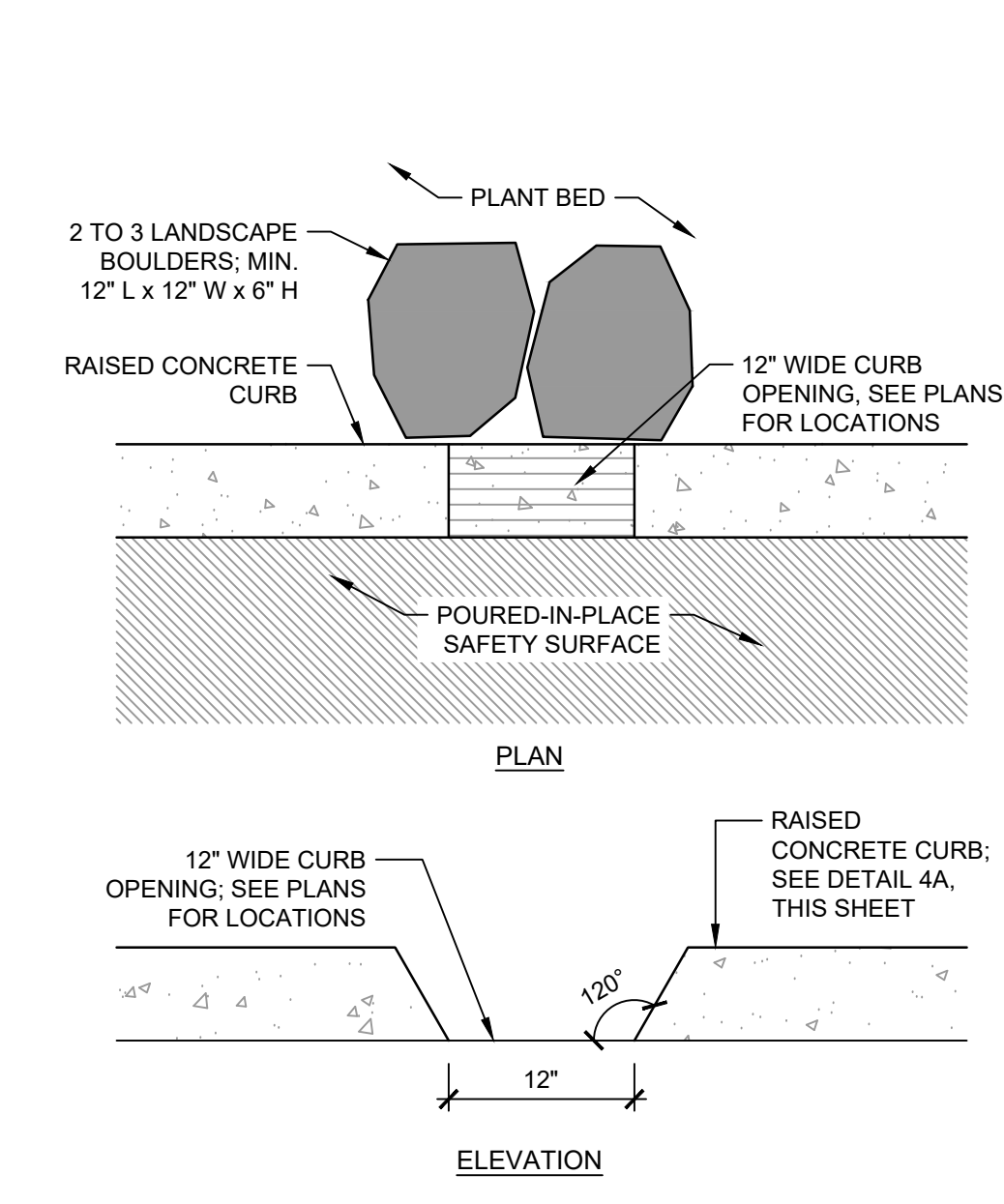
- NOTES:**
1. INSTALL CURB EXPANSION JOINTS AT 10'-0" O.C. MAX.
 2. SUBMIT PRODUCT DATA FOR JOINT FILLER AND GEOTEXTILE TO LANDSCAPE ARCHITECT FOR APPROVAL.
 3. SUBMIT PRODUCT DATA FOR WATERPROOF MEMBRANE TO LANDSCAPE ARCHITECT FOR APPROVAL.



4B FLUSH CONCRETE CURB
 SCALE: NTS

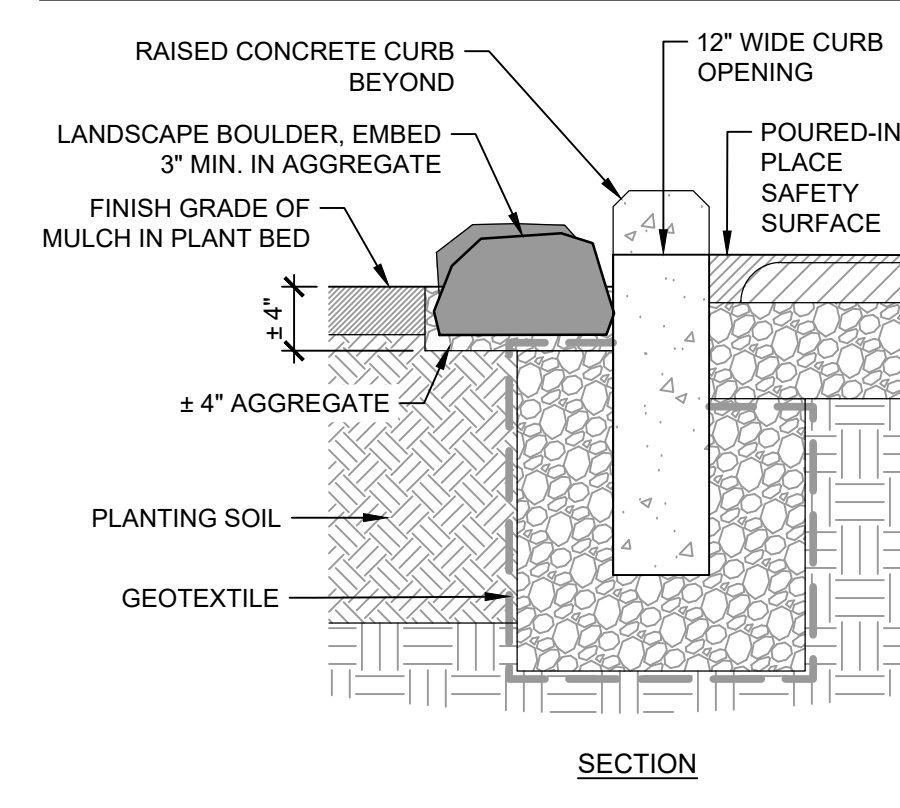


FLUSH CURB ADJACENT TO BUILDING
 SCALE: NTS

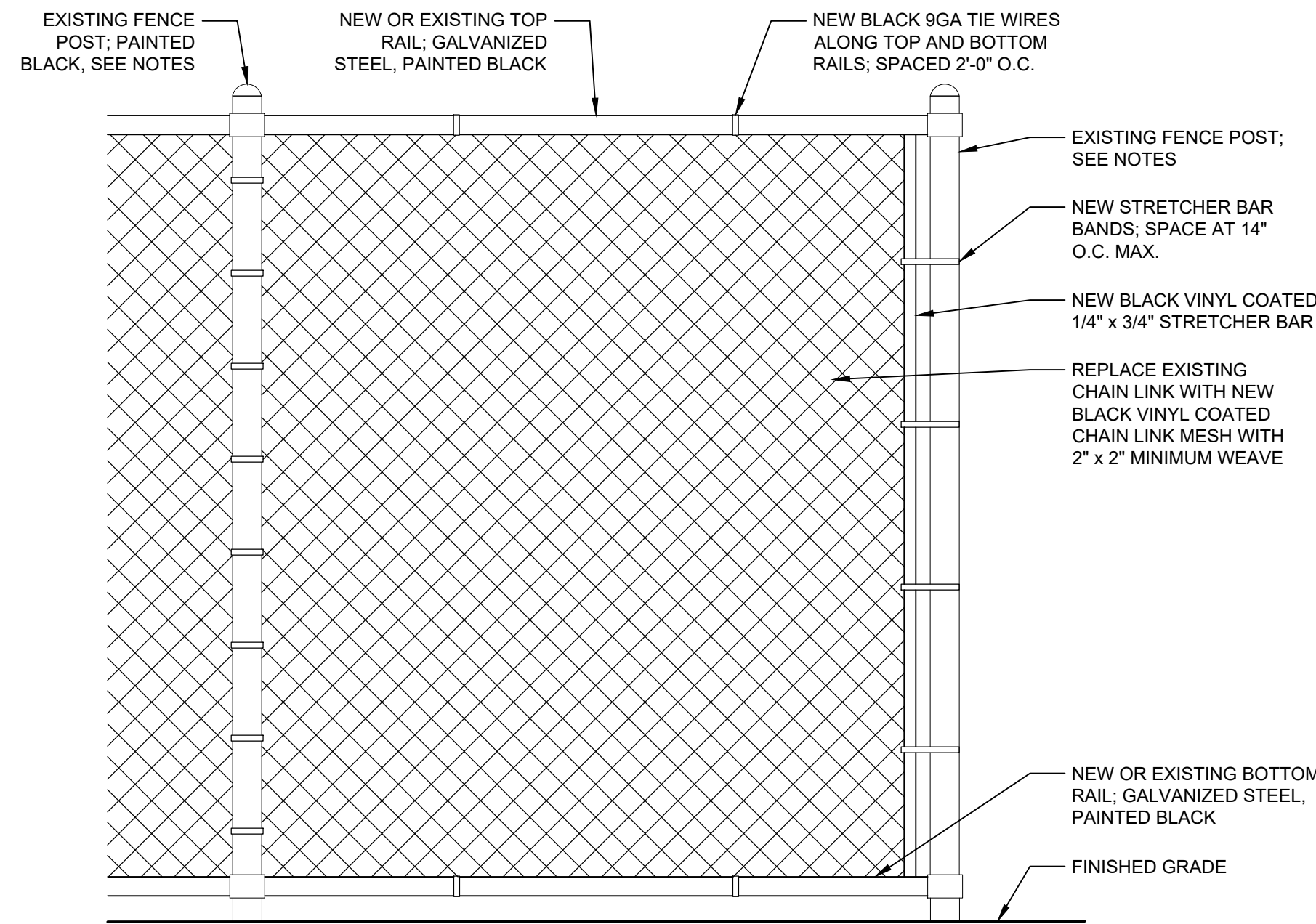


7 STORMWATER CURB CUT
 SCALE: NTS

- NOTES:**
1. PROVIDE TWO (2) TO THREE (3) 12" x 12" x 6" LANDSCAPE BOULDERS IN PLANT BED AT EACH CURB OPENING.
 2. LANDSCAPE BOULDERS SHALL BE LOCALLY-SOURCED AND GENERALLY ROUNDED IN SHAPE.
 - 2.1. SUBMIT MINIMUM OF THREE (3) PHOTOS OF TYPICAL LANDSCAPE BOULDERS TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - 2.1.1. PHOTOS SHALL INCLUDE MEASURING DEVICE TO VERIFY SIZES.



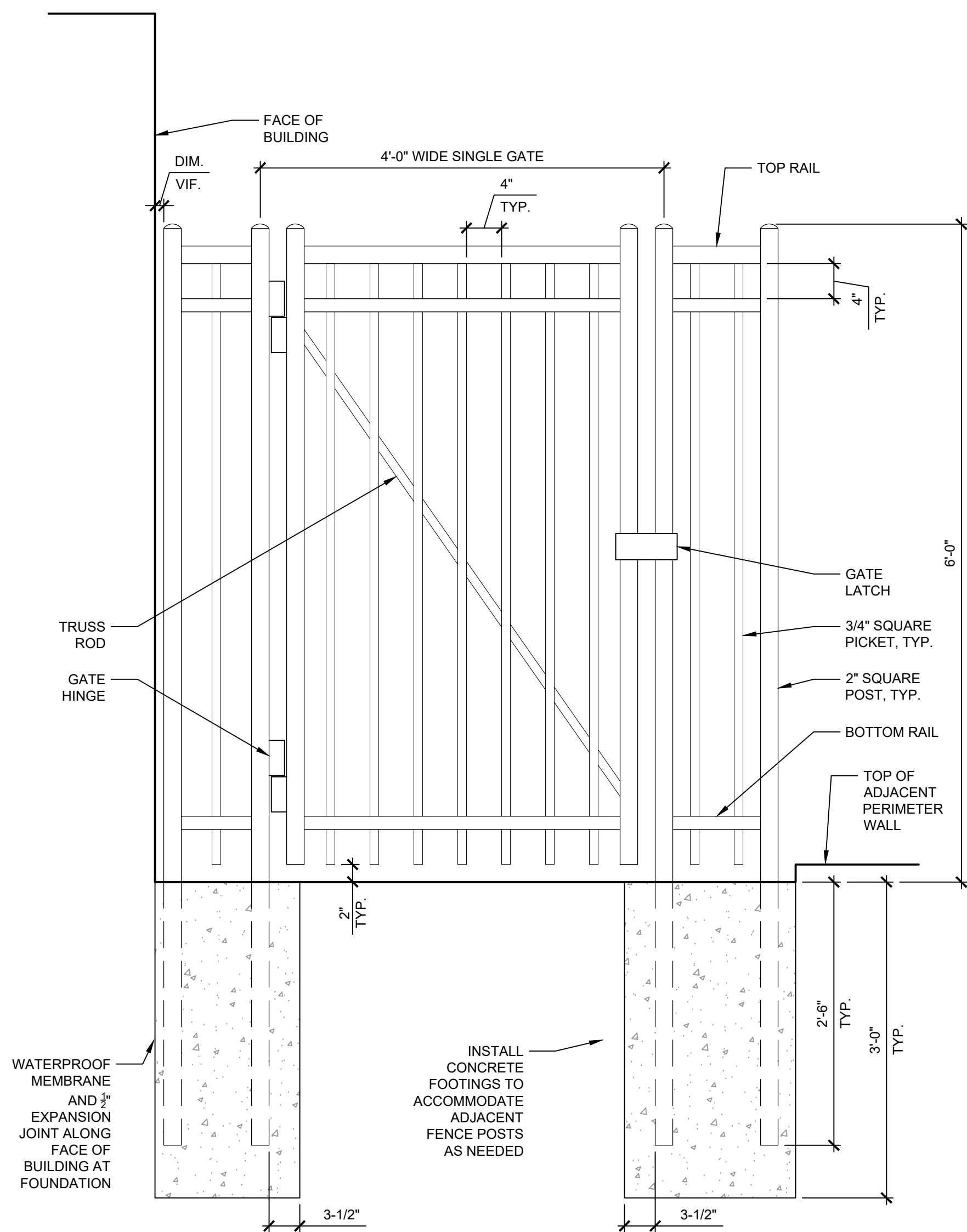
SECTION
 SCALE: NTS



- NOTES:**
- CONTRACTOR SHALL UTILIZE EXISTING FENCE POSTS FOR CHAIN LINK FENCE INSTALLATION, UNLESS CONDITION OF FENCE POSTS AND/OR TOP & BOTTOM RAILS DOES NOT ALLOW FOR CORRECT INSTALLATION OF CHAIN LINK MESH, FRAMING, AND / OR ACCESSORIES. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF FENCE POSTS AND/OR TOP OR BOTTOM RAILS ARE DAMAGED, BENT, OR IN POOR CONDITION WHICH MAY REQUIRE REPLACEMENT.
 - CONTRACTOR TO VERIFY AND DOCUMENT CONDITION OF EXISTING FENCE POSTS TO REMAIN.
 - ALL FENCE POSTS AND/OR TOP & BOTTOM RAILS TO REMAIN SHALL BE PAINTED BLACK.
 - ALL NEW FRAMING, CHAIN LINK MESH, ACCESSORIES, ETC. TO BE BLACK AND TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 - CONTRACTOR TO SUBMIT SHOP DRAWINGS OF NEW CHAIN LINK FENCE PANELS BETWEEN EXISTING FENCE POSTS PRIOR TO INSTALLATION FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.

1 CHAIN LINK FENCE

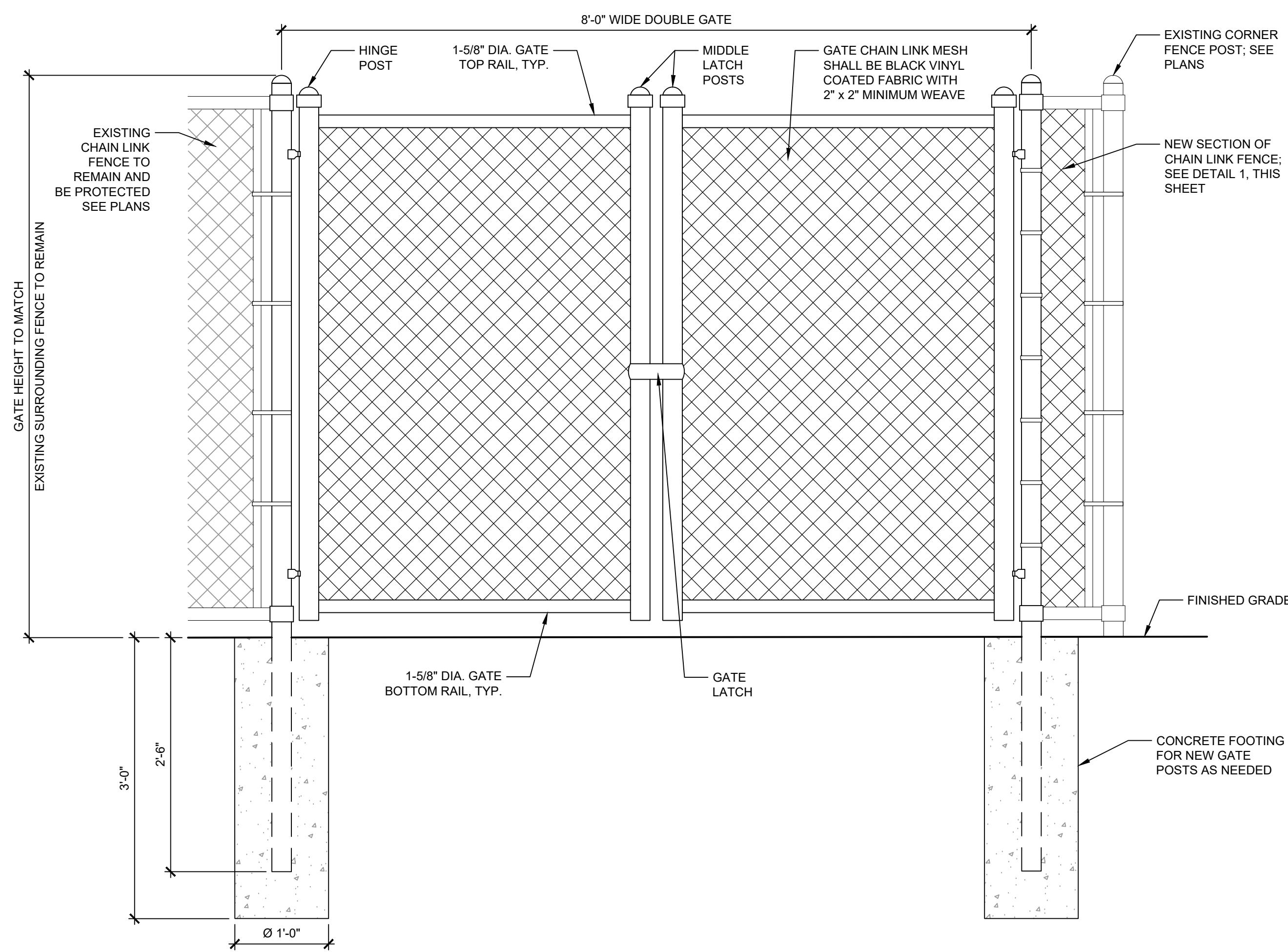
SCALE: NTS



- NOTES:**
- CONTRACTOR TO VERIFY LAYOUT INFORMATION FOR FENCING AND GATE SHOWN ON DRAWINGS IN RELATION TO EXISTING STRUCTURES. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD.
 - CONTRACTOR TO SUBMIT PRODUCT DATA AND SHOP DRAWINGS OF ORNAMENTAL FENCE WITH SINGLE GATE PRIOR TO INSTALLATION FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.
 - SHOP DRAWINGS SHALL INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, POST SPACING, MOUNTING / INSTALLATION, ATTACHMENTS TO OTHER WORK, ACCESSORIES, AND HARDWARE AS NEEDED.
 - SUBMITTAL SHALL INCLUDE ANALYSIS OF STRUCTURAL PERFORMANCE OF FENCING AND GATE FRAMEWORKS, SIGNED AND SEALED BY A LICENSED PROFESSIONAL STRUCTURAL ENGINEER IN THE STATE OF PENNSYLVANIA.
 - ALL POSTS, FRAMING, PICKETS, RAILS, AND ACCESSORIES SHALL BE POWDER COATED BLACK.
 - GATE HINGES SHALL PROVIDE 180-DEGREE INWARD AND OUTWARD SWING.
 - ADJUST GATES TO OPERATE SMOOTHLY, EASILY, QUIETLY, FREE OF BINDING, WARP, EXCESSIVE DEFLECTION, DISTORTION, NONALIGNMENT, MISPLACEMENT, DISRUPTION, OR MALFUNCTION THROUGHOUT ENTIRE OPERATIONS RANGE.
 - GATE LATCH SHALL PERMIT OPERATIONS FROM BOTH SIDES OF GATE WITH A PROVISION FOR PADLOCKING ACCESSIBLE FROM EITHER SIDE.
 - CONFIRM LATCHES ENGAGE ACCURATELY AND SECURELY WITHOUT FORCING OR BINDING. LUBRICATE HARDWARE AND OTHER MOVING PARTS.
 - FENCE AND GATE SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

2 ORNAMENTAL FENCE WITH SINGLE GATE

SCALE: NTS



- NOTES:**
- CONTRACTOR TO VERIFY AND DOCUMENT CONDITION OF EXISTING FENCE POSTS TO REMAIN.
 - FENCE POSTS, TOP AND BOTTOM RAILS TO REMAIN SHALL BE PAINTED BLACK.
 - ALL NEW FRAMING, CHAIN LINK MESH, ACCESSORIES, ETC. TO BE BLACK.
 - GATE HINGES SHALL PROVIDE 90-DEGREE OUTWARD SWING. ADJUST GATES TO OPERATE SMOOTHLY, EASILY, QUIETLY, FREE OF BINDING, WARP, EXCESSIVE DEFLECTION, DISTORTION, NONALIGNMENT, MISPLACEMENT, DISRUPTION, OR MALFUNCTION THROUGHOUT ENTIRE OPERATIONS RANGE.
 - CONTRACTOR TO SUBMIT SHOP DRAWINGS OF CHAIN LINK DOUBLE GATE PRIOR TO INSTALLATION FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.
 - GATE LATCH SHALL PERMIT OPERATIONS FROM BOTH SIDES OF GATE WITH A PROVISION FOR PADLOCKING.
 - CONFIRM LATCHES ENGAGE ACCURATELY AND SECURELY WITHOUT FORCING OR BINDING. LUBRICATE HARDWARE AND OTHER MOVING PARTS.

3 CHAIN LINK FENCE DOUBLE GATE AT POOL

SCALE: NTS

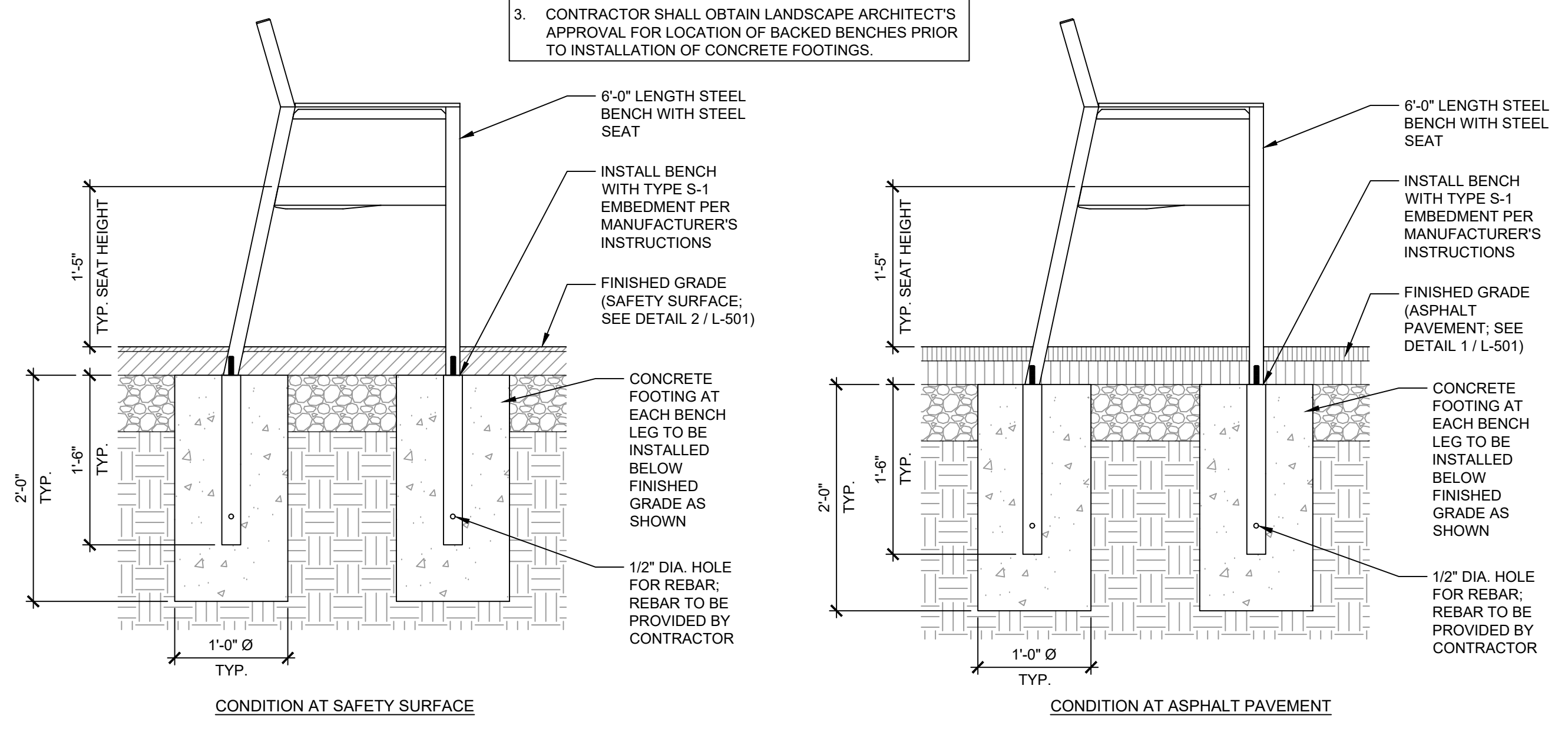


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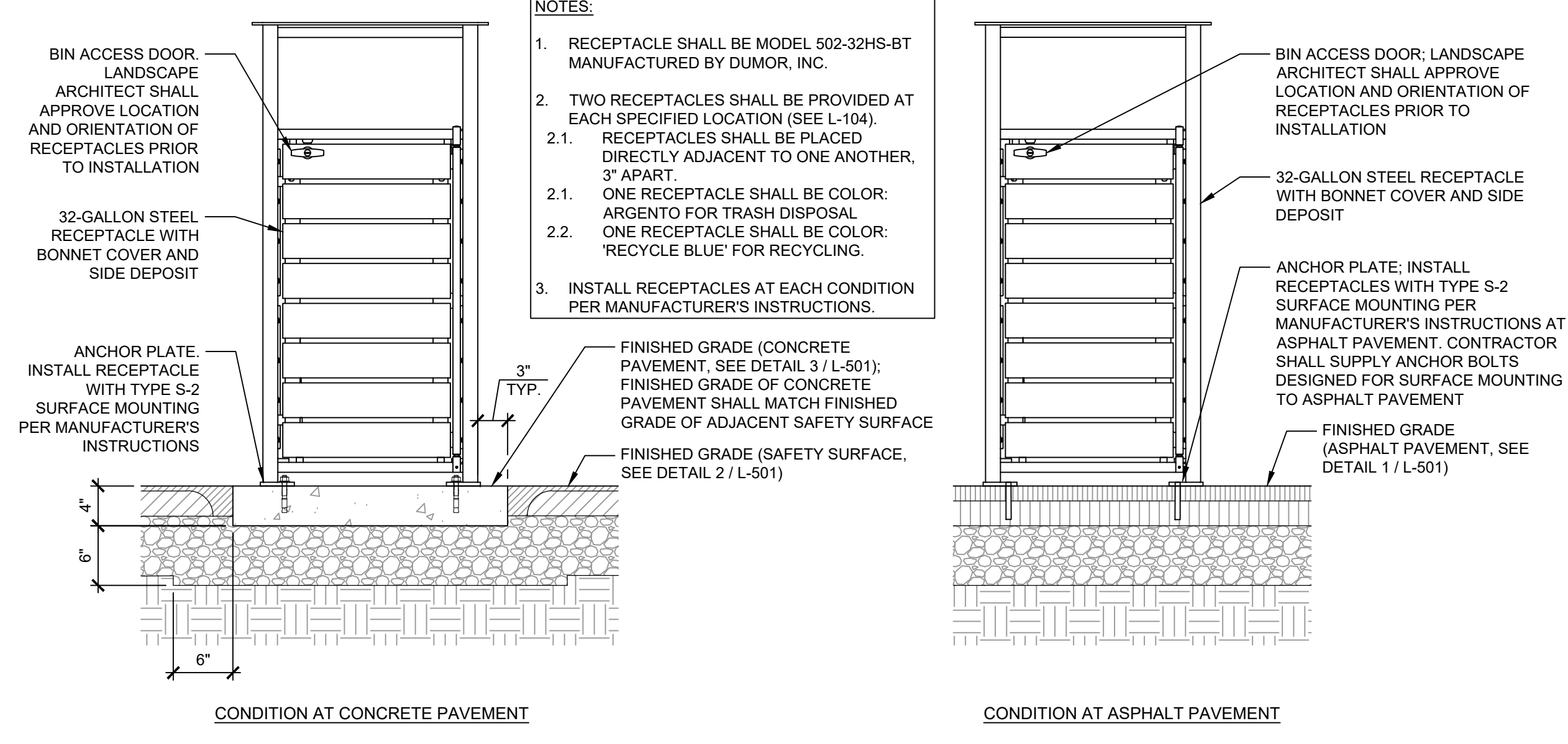
SCALE:
 AS NOTED
 DATE: 10/24/2019 DRAWN BY: KR
 SHEET NUMBER: CHECKED BY: SPS

- NOTES:**
- BACKED BENCH SHALL BE MODEL 500-60HS MANUFACTURED BY DUMOR, INC.
 - STEEL BENCH AND SEAT COLOR: ARGENTO
 - INSTALL BACKED BENCHES AT EACH CONDITION PER MANUFACTURER'S INSTRUCTIONS.
 - CONTRACTOR SHALL OBTAIN LANDSCAPE ARCHITECT'S APPROVAL FOR LOCATION OF BACKED BENCHES PRIOR TO INSTALLATION OF CONCRETE FOOTINGS.



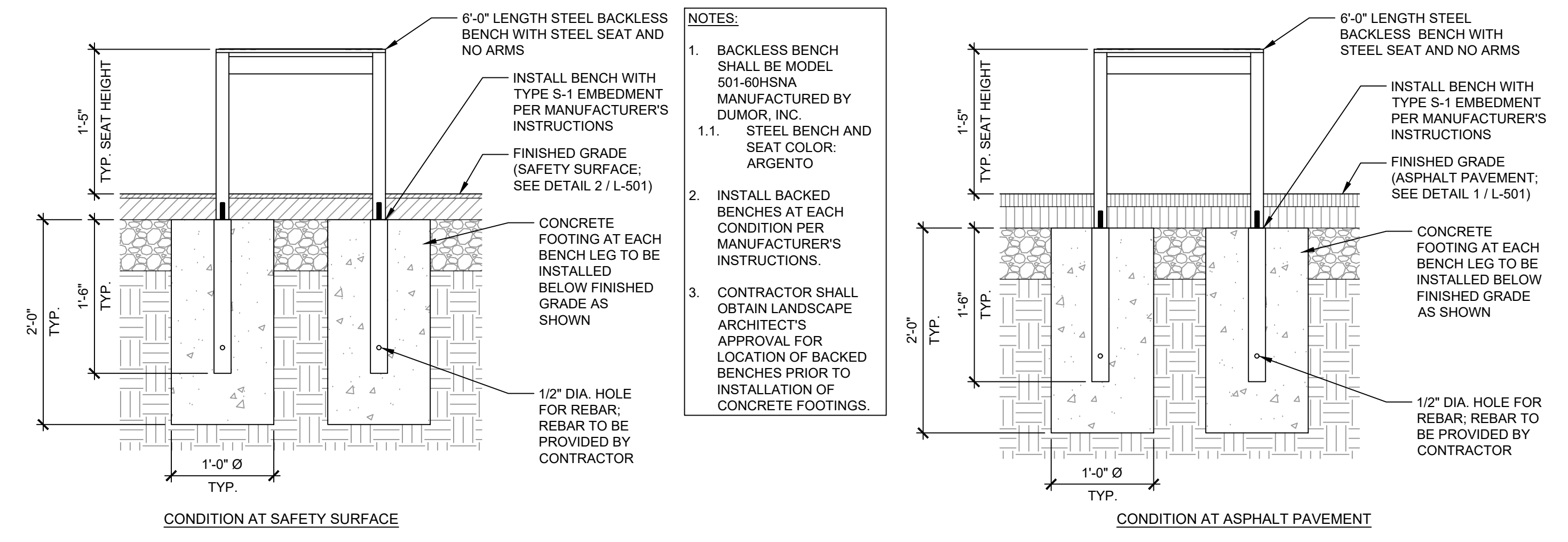
1 BACKED BENCH SCALE: NTS

- NOTES:**
- RECEPTACLE SHALL BE MODEL 502-32HS-BT MANUFACTURED BY DUMOR, INC.
 - TWO RECEPTACLES SHALL BE PROVIDED AT EACH SPECIFIED LOCATION (SEE L-104).
 - RECEPTACLES SHALL BE PLACED DIRECTLY ADJACENT TO ONE ANOTHER, 3" APART.
 - ONE RECEPTACLE SHALL BE COLOR: ARGENTO FOR TRASH DISPOSAL
 - ONE RECEPTACLE SHALL BE COLOR: 'RECYCLE BLUE' FOR RECYCLING.
 - INSTALL RECEPTACLES AT EACH CONDITION PER MANUFACTURER'S INSTRUCTIONS.



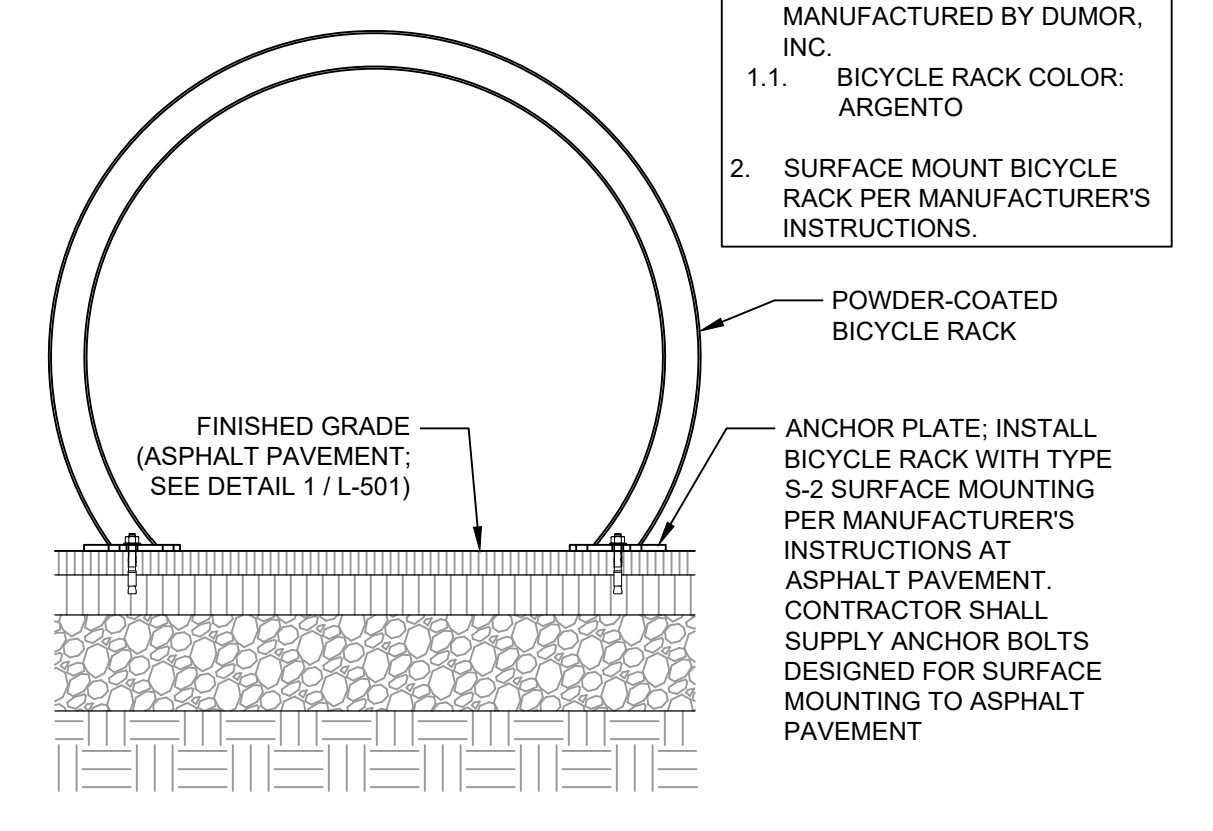
4 TRASH & RECYCLING RECEPTACLES SCALE: NTS

- NOTES:**
- BACKLESS BENCH SHALL BE MODEL 501-60HSNA MANUFACTURED BY DUMOR, INC.
 - STEEL BENCH AND SEAT COLOR: ARGENTO
 - INSTALL BACKED BENCHES AT EACH CONDITION PER MANUFACTURER'S INSTRUCTIONS.
 - CONTRACTOR SHALL OBTAIN LANDSCAPE ARCHITECT'S APPROVAL FOR LOCATION OF BACKED BENCHES PRIOR TO INSTALLATION OF CONCRETE FOOTINGS.



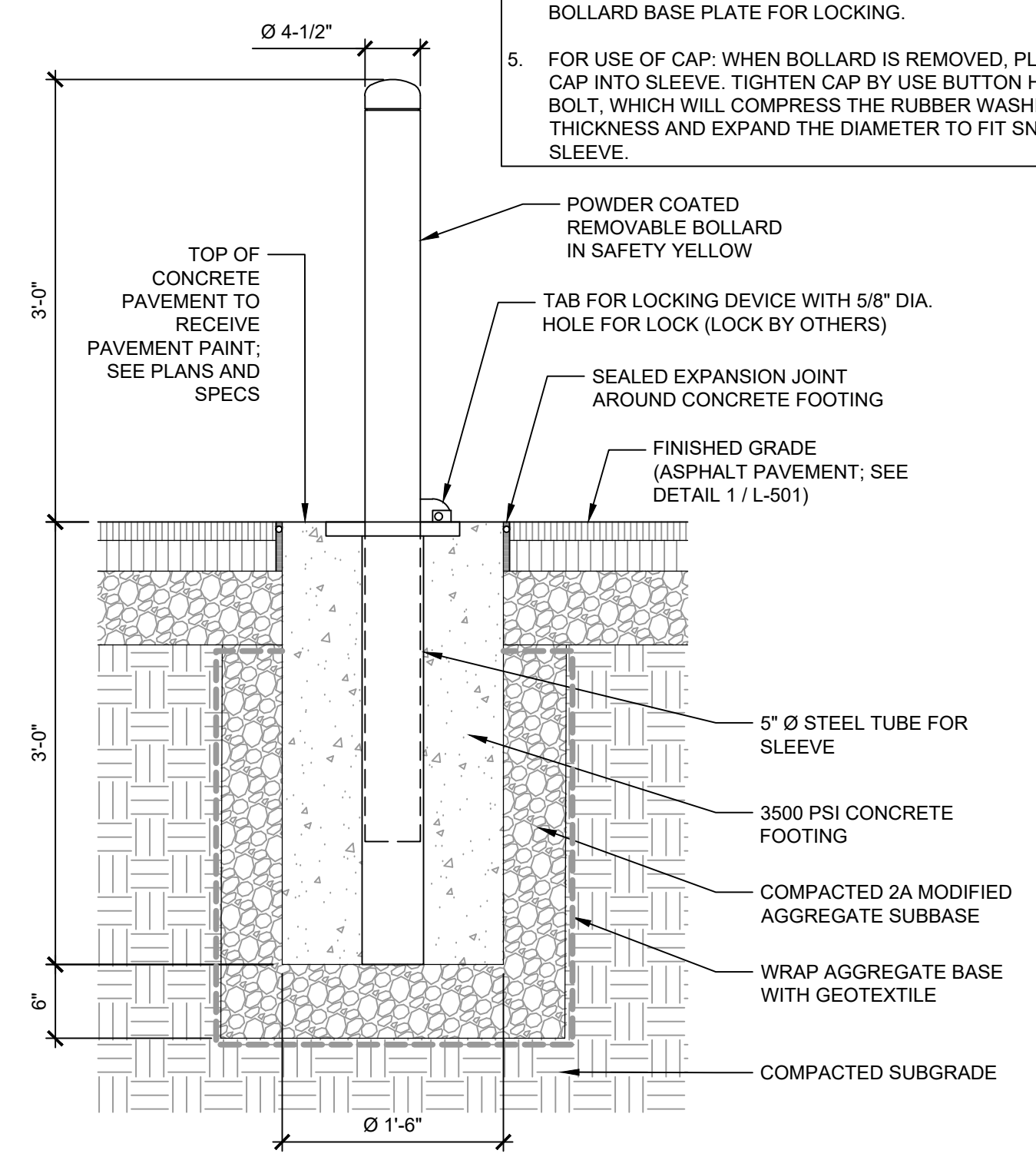
2 BACKLESS BENCH SCALE: NTS

- NOTES:**
- BICYCLE RACK SHALL BE MODEL 292-20/S-2 MANUFACTURED BY DUMOR, INC.
 - BICYCLE RACK COLOR: ARGENTO
 - SURFACE MOUNT BICYCLE RACK PER MANUFACTURER'S INSTRUCTIONS.



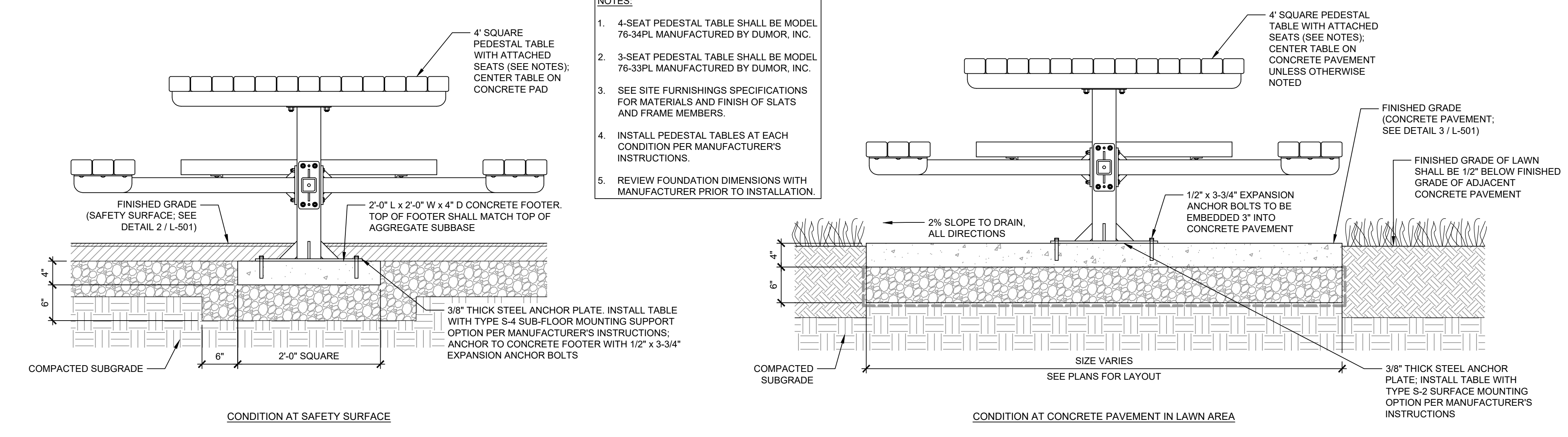
5 BICYCLE RACK SCALE: NTS

- NOTES:**
- REMOVABLE BOLLARD SHALL BE MODEL 400-36/S-1SL MANUFACTURED BY DUMOR, INC. COLOR: 'SAFETY YELLOW.'
 - EMBED SLEEVE AND INSTALL BOLLARD PER MANUFACTURER'S INSTRUCTIONS.
 - SET SLEEVE INTO FOOTING HOLDING PLUM AND SQUARE.
 - SLIDE BOLLARD INTO SLEEVE AFTER CONCRETE HAS HARDENED. BE SURE TO HAVE HINGE TAB SLIDE INTO BOLLARD BASE PLATE FOR LOCKING.
 - FOR USE OF CAP: WHEN BOLLARD IS REMOVED, PLACE CAP INTO SLEEVE. TIGHTEN CAP BY USE BUTT ON HEAD BOLT, WHICH WILL COMPRESS THE RUBBER WASHERS THICKNESS AND EXPAND THE DIAMETER TO FIT SNUG TO SLEEVE.



6 REMOVABLE BOLLARD SCALE: NTS

- NOTES:**
- 4-SEAT PEDESTAL TABLE SHALL BE MODEL 76-34PL MANUFACTURED BY DUMOR, INC.
 - 3-SEAT PEDESTAL TABLE SHALL BE MODEL 76-33PL MANUFACTURED BY DUMOR, INC.
 - SEE SITE FURNISHINGS SPECIFICATIONS FOR MATERIALS AND FINISH OF SLATS AND FRAME MEMBERS.
 - INSTALL PEDESTAL TABLES AT EACH CONDITION PER MANUFACTURER'S INSTRUCTIONS.
 - REVIEW FOUNDATION DIMENSIONS WITH MANUFACTURER PRIOR TO INSTALLATION.



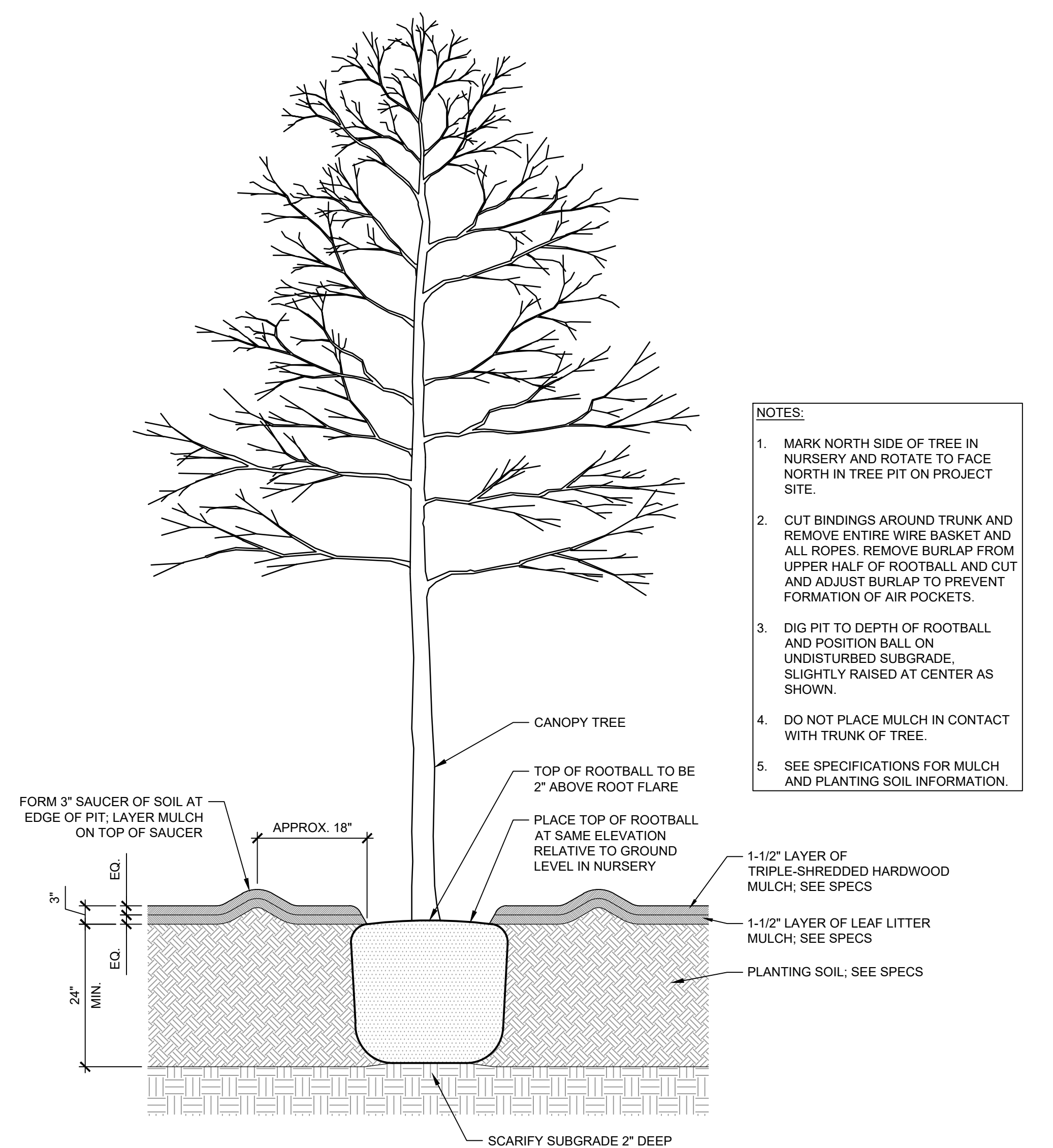
3 FIXED PEDESTAL TABLE (3 OR 4 SEATS) SCALE: NTS

SHEET TITLE:
PLANTING DETAILS

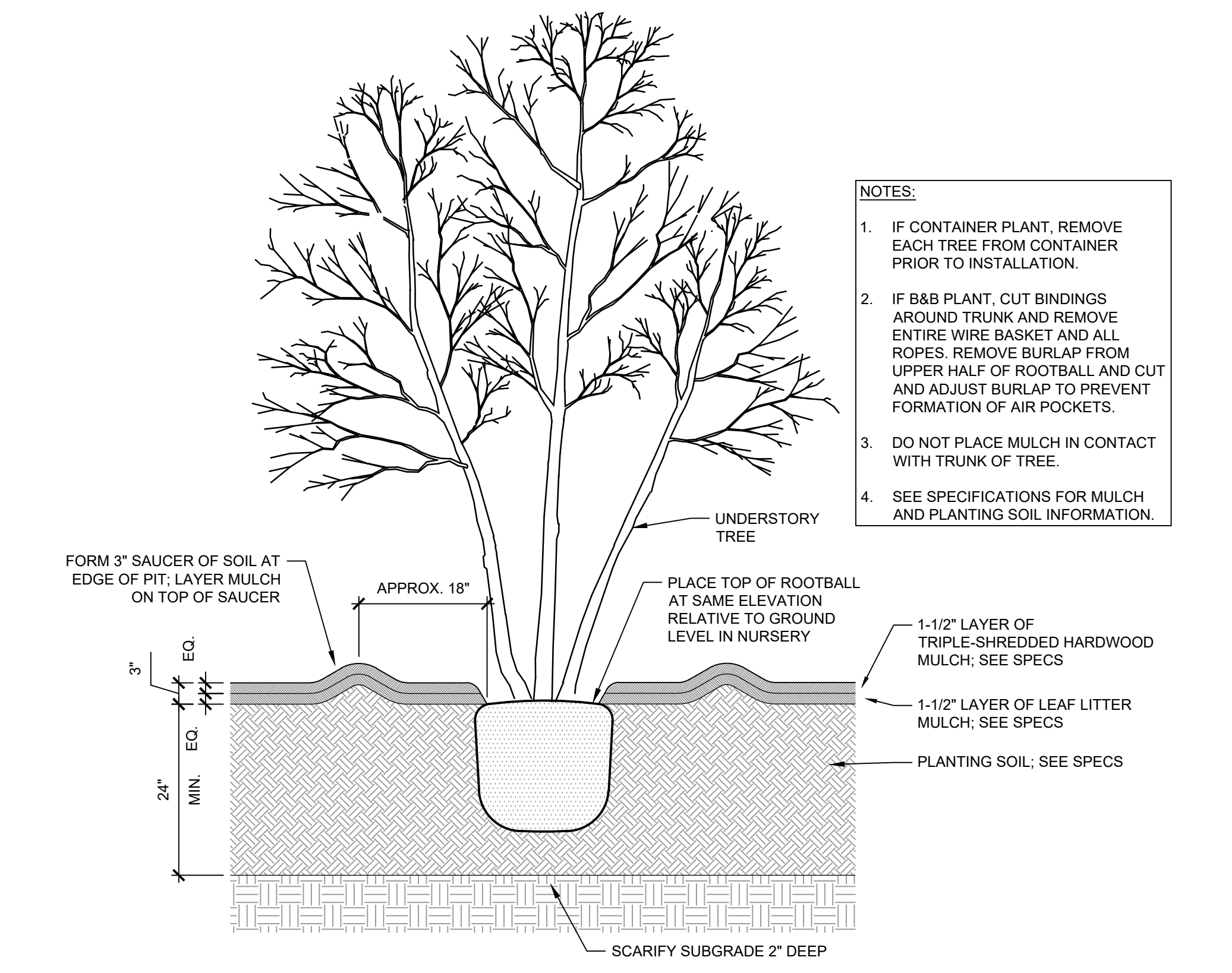
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SCALE:
 AS NOTED

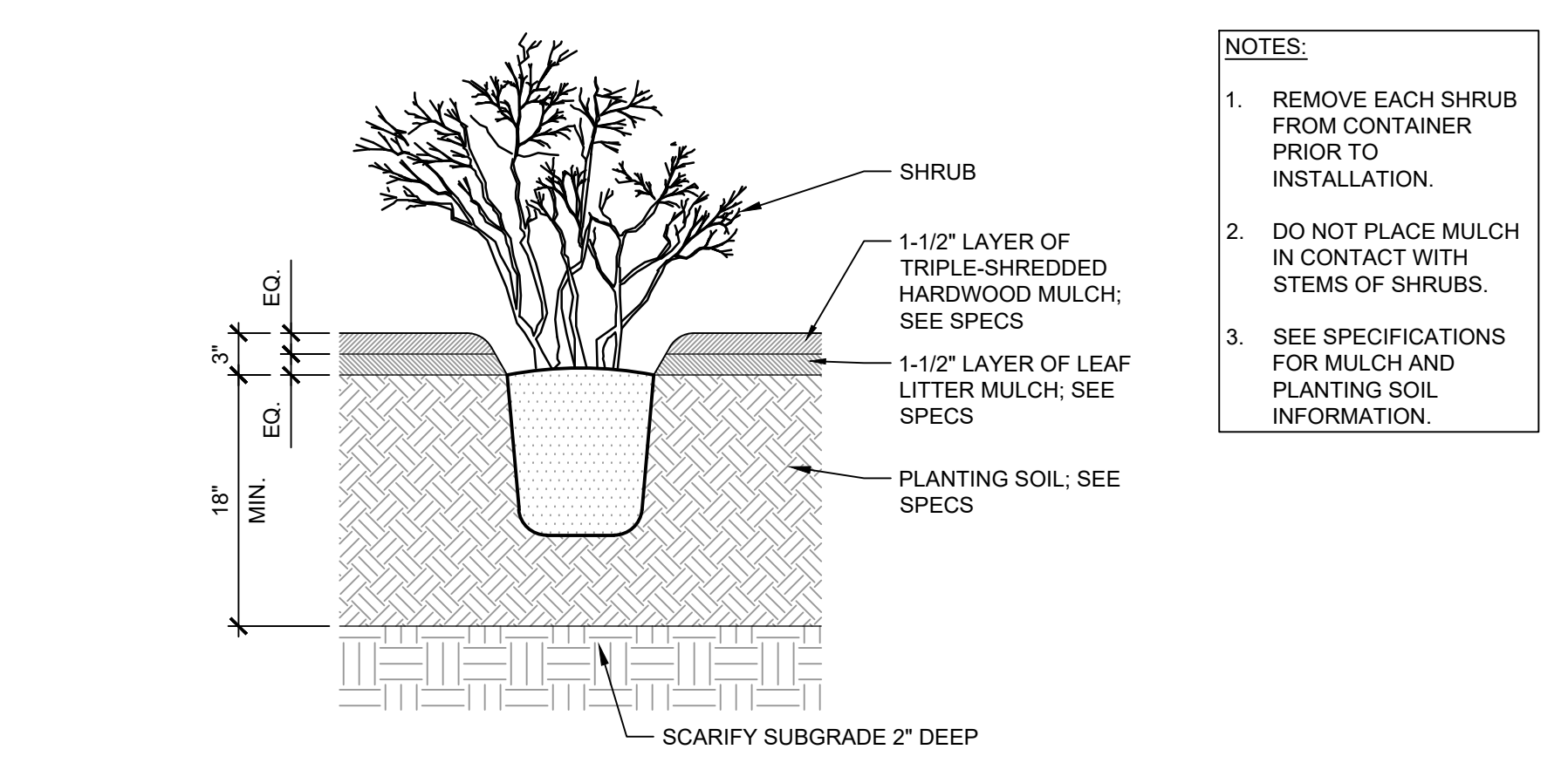
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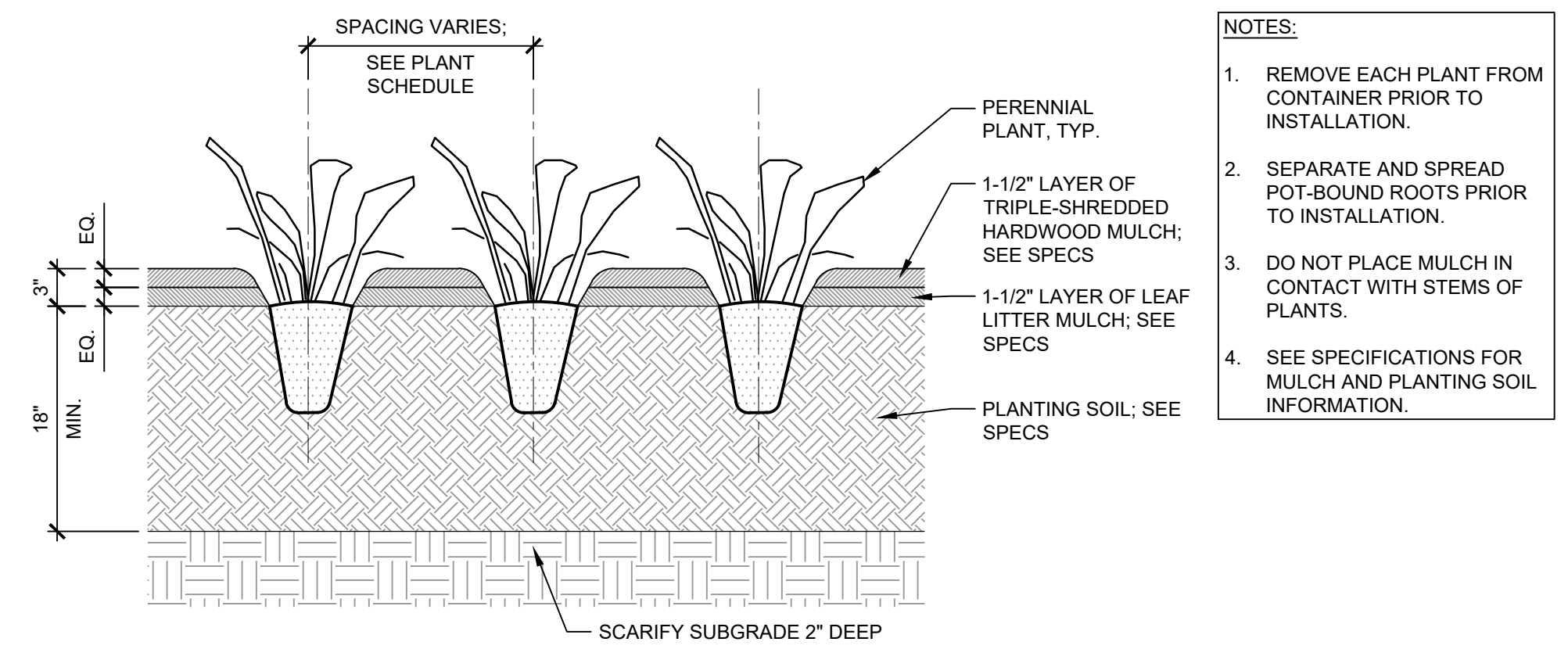
1 CANOPY TREE PLANTING SCALE: NTS



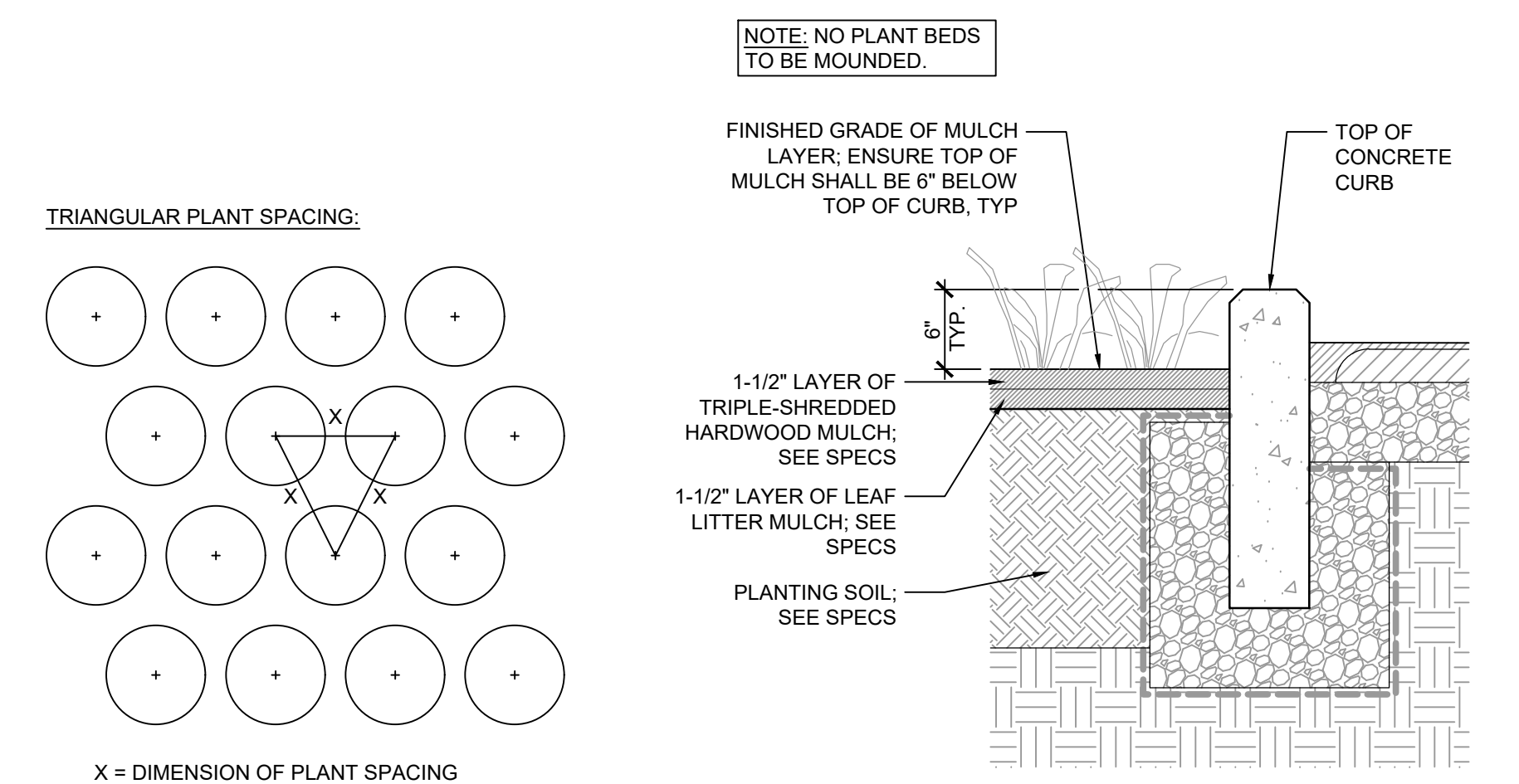
2 UNDERSTORY TREE PLANTING SCALE: NTS



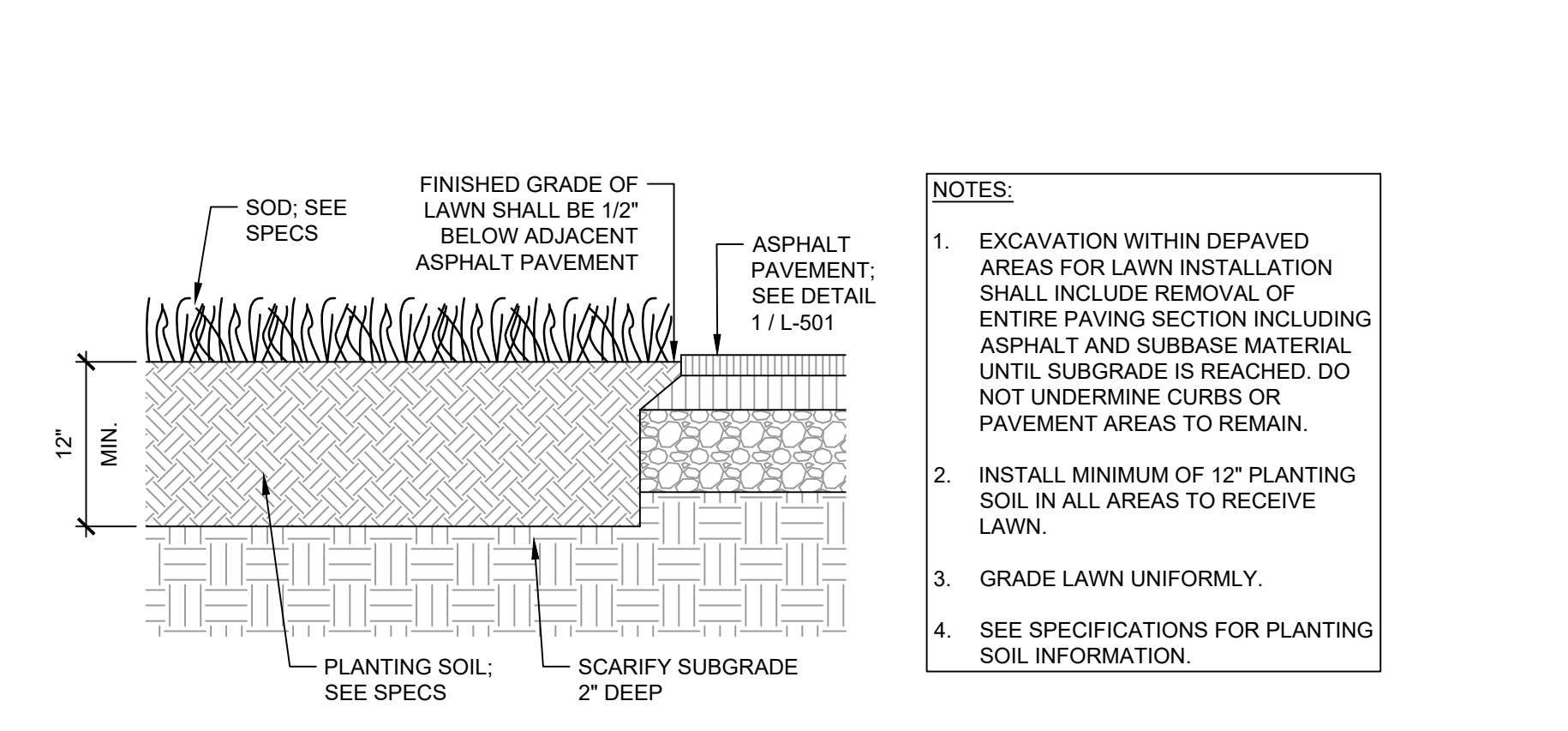
3 SHRUB PLANTING SCALE: NTS



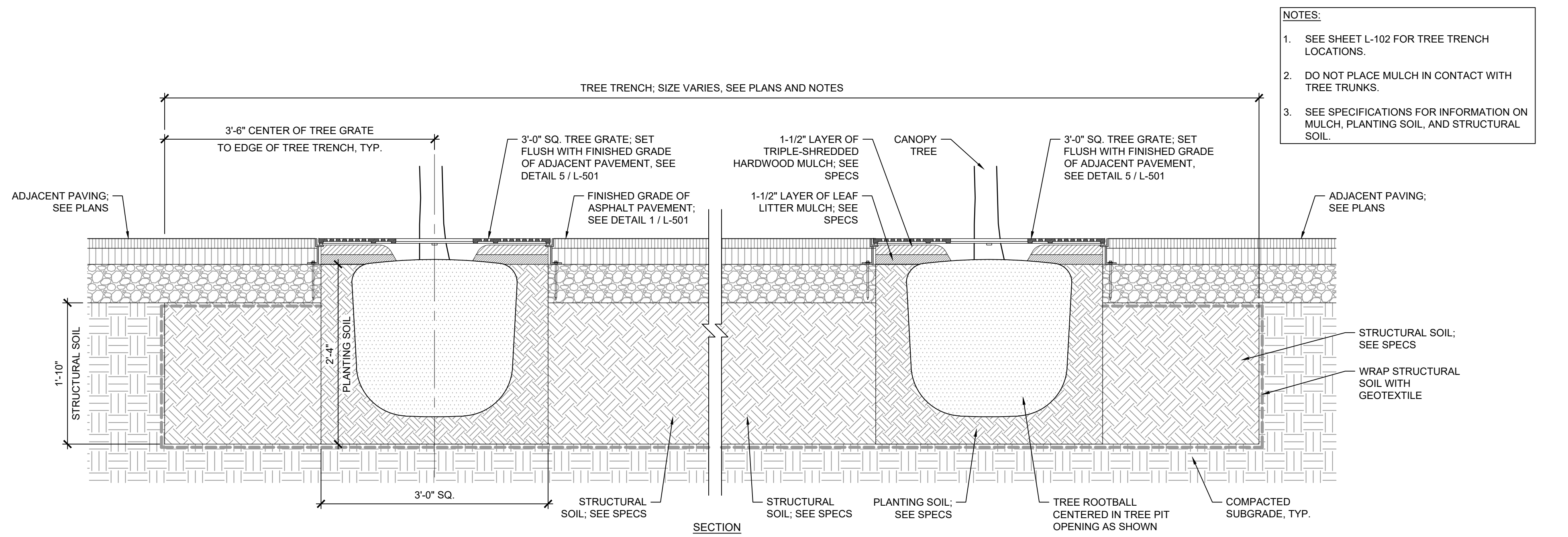
4 PERENNIAL PLANTING SCALE: NTS



5 PLANT SPACING SCALE: NTS
6 FINISHED GRADE OF PLANT BEDS SCALE: NTS



7 TURF LAWN SCALE: NTS



8 TREE TRENCH SCALE: NTS