

UTILITY INFORMATION:
 REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM, ASSIGNED SERIAL NUMBER 20223610621, IN ACCORDANCE WITH PA ACT 287 OF 1974, AS AMENDED BY PA ACT 121 OF 2008, ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW". THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA, VIA THE PENNSYLVANIA ONE CALL SYSTEM, A MINIMUM OF 3 WORKING DAYS BEFORE THE START OF EXCAVATION. (800) 242-1776

COMPANY: AT&T
 ADDRESS: 1100 3RD AVE
 ALTOONA, PA 16602
 CONTACT: PAT SUTTON
 EMAIL: psutton@att.com

COMPANY: COMCAST
 ADDRESS: 4400 WAYNE AVE
 PHILADELPHIA, PA 19140
 CONTACT: ROBERT HARVEY
 EMAIL: bob_harvey@comcast.com

COMPANY: PECO ENERGY CO USIC
 ADDRESS: 450 S HENDERSON RD SUITE B
 KING OF PRUSSIA, PA 19406
 CONTACT: NIKKIA SIMPKINS
 EMAIL: nikkiasimpkins@peco.com

COMPANY: PHILADELPHIA CITY WATER DEPARTMENT
 ADDRESS: 1101 MARKET STREET
 2ND FLOOR JEFFERSON TOWER
 PHILADELPHIA, PA 19107
 CONTACT: ERIC POKERT
 EMAIL: eric.pokert@pcwa.gov

COMPANY: PHILADELPHIA CITY DEPARTMENT OF STREETS
 ADDRESS: 4501 G ST
 PHILADELPHIA, PA 19120
 CONTACT: NICHOLAS KULP
 EMAIL: nicholas.kulp@phila.gov

COMPANY: PHILADELPHIA GAS WORKS
 ADDRESS: 800 W MONTGOMERY AVE
 PHILADELPHIA, PA 19122
 CONTACT: JAMES CUMMINGS
 EMAIL: james.cummings@gpworks.com

COMPANY: SOUTHEASTERN PA TRANSPORTATION AUTHORITY
 ADDRESS: 1224 MARKET ST 12TH FLOOR
 PHILADELPHIA, PA 19107
 CONTACT: TYLER LADD
 EMAIL: tladd@septa.org

COMPANY: VERIZON BUSINESS FORMERLY MCI
 ADDRESS: 700 WESTON PKWY
 CARY, NC 27513
 CONTACT: VICTOR WOOD
 EMAIL: victor.s.wood@verizon.com

MURPHY RECREATION CENTER

ISSUE FOR BID

**PHILADELPHIA, PENNSYLVANIA
 FEBRUARY 24, 2023**

PREPARED FOR:
 OWNER/DEVELOPER

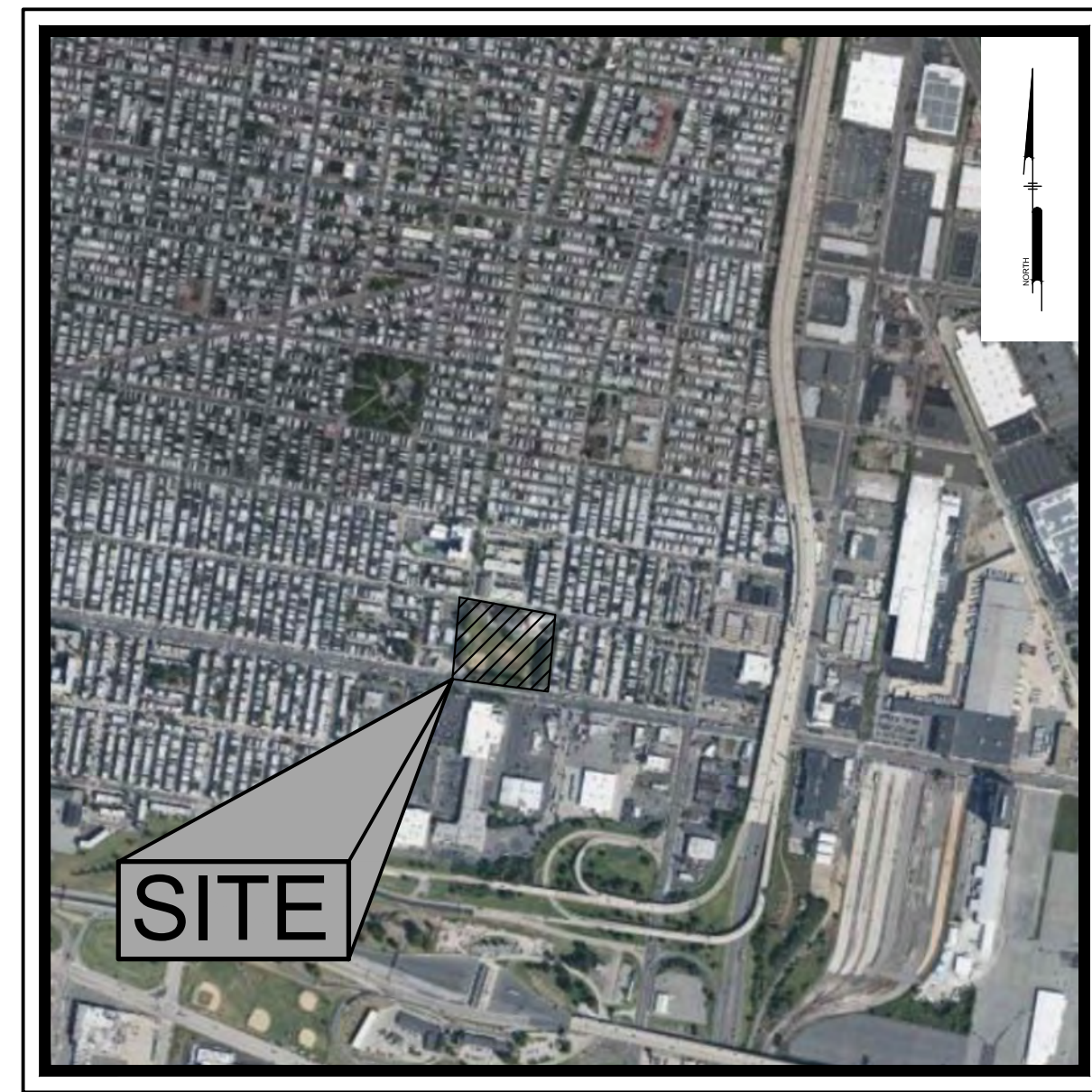
CITY OF PHILADELPHIA PARKS AND RECREATION

1515 ARCH STREET, 10TH FLOOR
 PHILADELPHIA, PENNSYLVANIA 19102

Sheet List Table			
SHEET	SHEET TITLE	ISSUED DATE	REVISED DATE
CS0001	COVER SHEET	12/16/2022	2/24/2023
CS0201	EXISTING CONDITIONS PLAN	12/16/2022	2/24/2023
CS0501	SITE DEMOLITION PLAN	12/16/2022	2/24/2023
CS1001	SITE PLAN	12/16/2022	2/24/2023
CS1002	SPORTS STRIPING PLAN	12/16/2022	2/24/2023
CS1501	GRADING PLAN	12/16/2022	2/24/2023
CS1502	GRADING PLAN	12/16/2022	2/24/2023
CS1701	PCSM UTILITY PLAN	12/16/2022	2/24/2023
CS1702	AREAWAY REPAIR PLAN	12/16/2022	2/24/2023
CS2001	LANDSCAPE PLAN	12/16/2022	2/24/2023
CS6001	SITE DETAILS	12/16/2022	2/24/2023
CS6002	SITE DETAILS	12/16/2022	2/24/2023
CS6003	SITE DETAILS	12/16/2022	2/24/2023
CS6004	SITE DETAILS	12/16/2022	2/24/2023
CS6005	SITE DETAILS	12/16/2022	2/24/2023
CS6006	SITE DETAILS	12/16/2022	2/24/2023
CS6007	SITE DETAILS	12/16/2022	2/24/2023
CS8001	EROSION & SEDIMENT CONTROL PLAN	12/16/2022	2/24/2023
CS8501	EROSION & SEDIMENT CONTROL NOTES	12/16/2022	2/24/2023
CS8502	EROSION & SEDIMENT CONTROL DETAILS	12/16/2022	2/24/2023
CS9001	PRE-CONSTRUCTION DRAINAGE AREA MAP	12/16/2022	2/24/2023
CS9002	POST CONSTRUCTION DRAINAGE AREA MAP	12/16/2022	2/24/2023
CS9003	POST CONSTRUCTION INLET DRAINAGE AREA MAP	12/16/2022	2/24/2023
A-100	ARCHITECTURAL PLANS	12/16/2022	2/24/2023
E-001	ELECTRICAL INDEX SHEET	12/16/2022	2/24/2023
E-002	ELECTRICAL SPECIFICATIONS	12/16/2022	2/24/2023
E-100	ELECTRICAL DEMOLITION SITE PLAN	12/16/2022	2/24/2023
E-200	ELECTRICAL PROPOSED SITE PLAN	12/16/2022	2/24/2023
E-300	ELECTRICAL SCHEDULES	12/16/2022	2/24/2023
E-400	ELECTRICAL DETAILS	12/16/2022	2/24/2023
S-001	STRUCTURAL GENERAL NOTES	2/24/2023	-
S-101	STRUCTURAL PLAN, SECTIONS, AND DETAILS	12/16/2022	2/24/2023



SOILS MAP
 Scale 1" = 150'

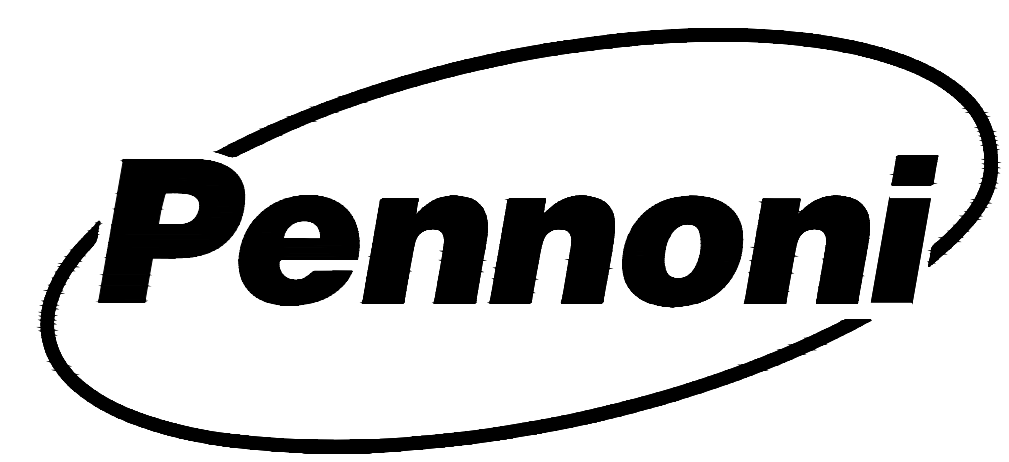


LOCATION MAP
 Scale: 1" = 1000'

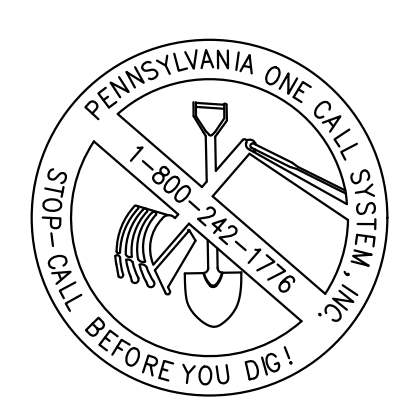


USGS MAP
 Scale: 1" = 2000'

PREPARED BY:
PENNONI ASSOCIATES INC.



1900 Market Street, Suite 300
 Philadelphia, PA 19103
 T 215.222.3000
 F 215.222.3588



CALL BEFORE YOU DIG
 BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
 CALL 1-800-242-1776
 PA ACT 287 OF 1974 REQUIRES THREE WORKING DAYS
 NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR
 BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
 SERIAL NUMBER(S): 20223610621

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR
 DISCREPANCIES BEFORE PROCEEDING WITH WORK

MURPHY RECREATION CENTER
 300 WEST SHUNK STREET
 PHILADELPHIA, PENNSYLVANIA 19148

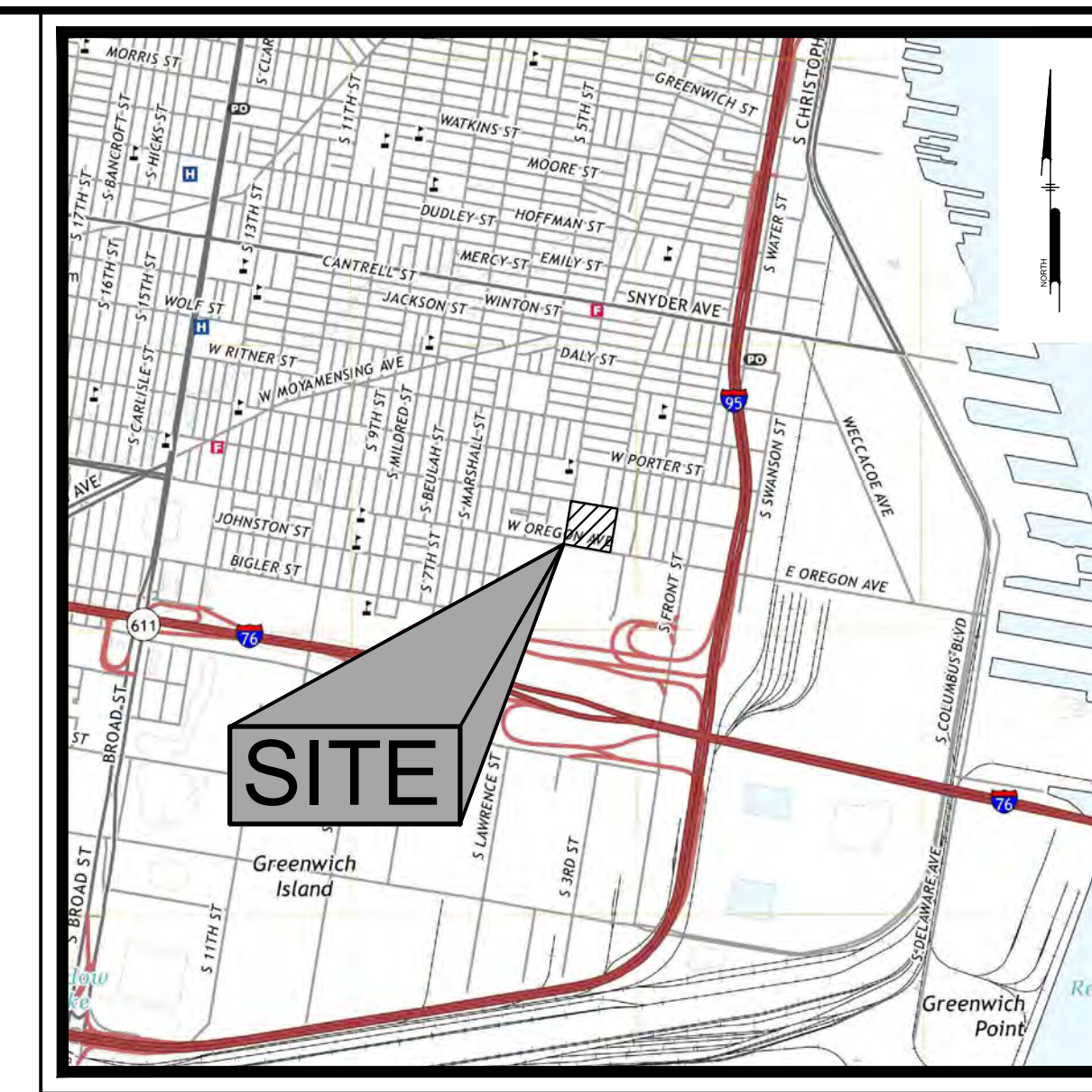
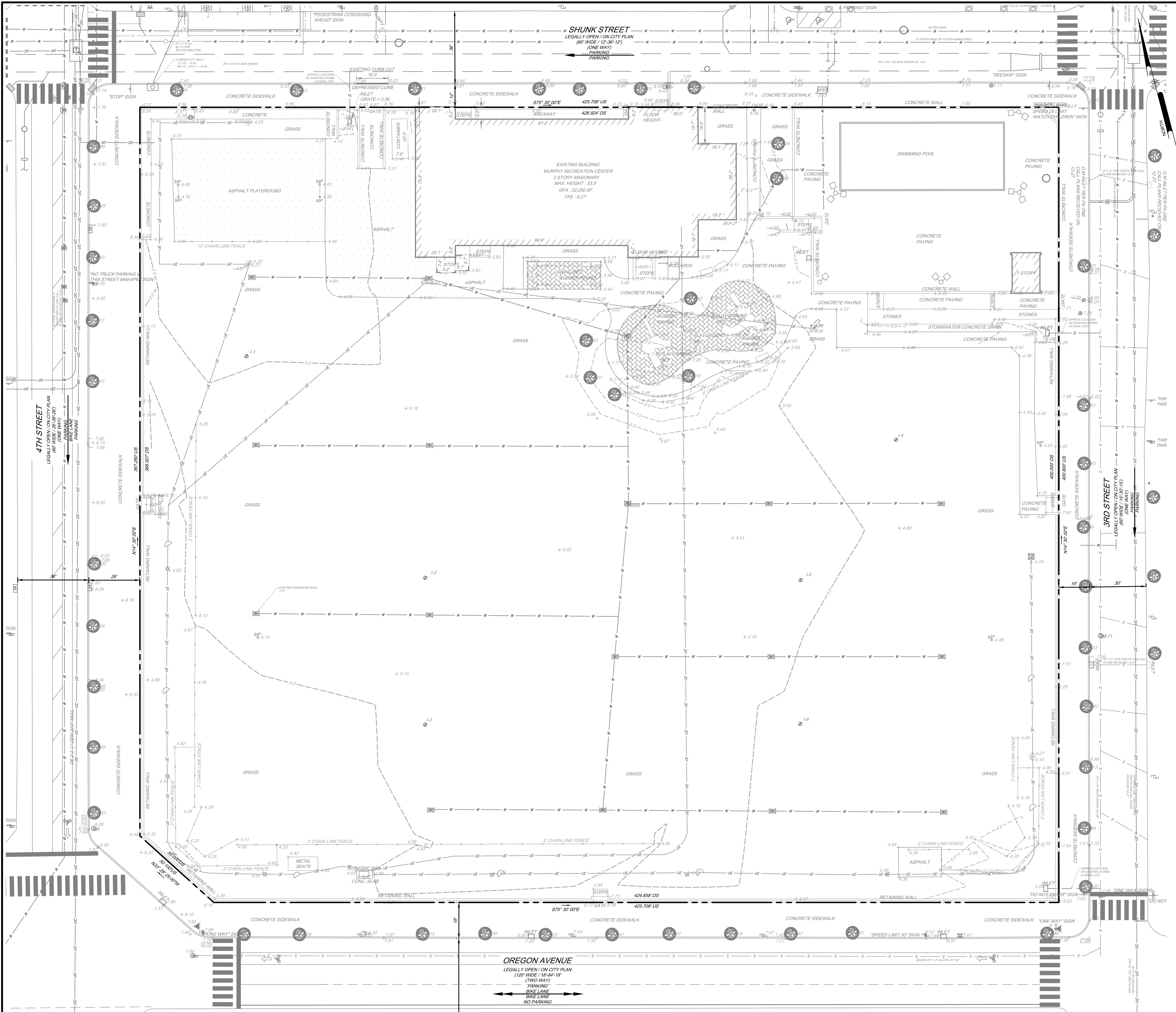
COVER SHEET
 CITY OF PHILADELPHIA PARKS AND RECREATION
 615 SOUTH STREET
 PHILADELPHIA, PENNSYLVANIA 19102

NO.	DATE	REVISIONS	BY
1	02/24/2023	ISSUE FOR BID	SDL
2	07/18/2023	PWD PCSM REVISION	SDL
3	12/16/2022	90% CONSTRUCTION DOCUMENTS	SDL
4	11/17/2022	PCSMP/NPDES SUBMISSION	SDL
5	8/12/2022	100% DESIGN DEVELOPMENT	SDL

PROJECT: KLMLX20001
 DATE: 8/12/2022
 DRAWING SCALE: AS NOTED
 DRAWN BY: SDL
 APPROVED BY: MJM

CS0001
 SHEET 1 OF 22

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES INC. ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SEPARABLE FROM THE PROJECT OR OTHER DOCUMENTS. THE EXISTENCE OF THESE DOCUMENTS DOES NOT IMPLY ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR PERMISSION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY ON PENNONI ASSOCIATES. PENNONI ASSOCIATES AND OWNER SHALL INCUR LIABILITY AND BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY ARISING OUT OF OR RESULTING THEREFROM.



USGS MAP
Scale: 1" = 2000'
WATERSHED: DELAWARE DIRECT
SUB-WATERSHED: DELAWARE DIRECT (SOUTH)
FLOOD MANAGEMENT DISTRICT A
FEMA FLOODPLAIN: ZONE X

GENERAL NOTES:

- SITE ADDRESS:**
300 WEST SHUNK STREET
PHILADELPHIA, PA 19148
- OWNER:**
CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102
- DEVELOPER:**
REBUILD PHILADELPHIA
1515 ARCH STREET, MEZZANINE LEVEL
PHILADELPHIA, PA 19107
- ENGINEER:**
PENNONI ASSOCIATES INC.
1900 MARKET STREET, SUITE 300
PHILADELPHIA, PA 19103
- NOTES:**
- LOCATION: THE PROJECT IS LOCATED ON A PROPERTY BOUND BY WEST SHUNK STREET TO THE NORTH, SOUTH 3RD STREET TO THE EAST, WEST OREGON AVENUE TO THE SOUTH, AND SOUTH 4TH STREET TO THE WEST.
 - THE PROJECT IS LOCATED ENTIRELY WITHIN THE SP-PO-A ACTIVE PARKS AND OPEN SPACE (SPECIAL PURPOSE) ZONE.
 - THE INTENT OF THIS PLAN IS TO DEPICT THE DEVELOPMENT OF EXTERIOR IMPROVEMENTS INCLUDING A NEW ARTIFICIAL TURF MULTI-PURPOSE RECREATION FIELD AND ASSOCIATED AMENITIES SUCH AS AN EQUIPMENT STORAGE SHED, A NEW BASKETBALL COURT, FIELD BLEACHERS, PEDESTRIAN SIDEWALKS AND LANDSCAPING, AS WELL AS THE INSTALLATION OF FOUR ADA RAMPS AND RECONSTRUCTED SIDEWALK.
 - ACCORDING TO THE USDA NRCS CUSTOM SOIL RESOURCE REPORT FOR PHILADELPHIA COUNTY, PENNSYLVANIA, LANDS LOCATED WITHIN THE PROJECT BOUNDARY ARE CLASSIFIED AS URBAN LAND (U).
 - THE PWD TRACKING NUMBER FOR THIS PROJECT IS FY21-MURP-6508-01.
 - THE PSD REVIEW NUMBER FOR THIS PROJECT IS:
 - THE SITE WILL BE SERVICED BY A PUBLIC WATER SUPPLY AND PUBLIC SEWER THROUGH THE PHILADELPHIA WATER DEPARTMENT.
 - UTILITY NOTES:
 - THE LOCATION OF THE EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM EXISTING UTILITY RECORDS AVAILABLE AT THE TIME THESE PLANS WERE PREPARED AND FROM SURFACE OBSERVATION OF THE SITE.
 - COMPLETENESS OR ACCURACY OF LOCATION AND DEPTH OF UNDERGROUND UTILITIES AND STRUCTURES IS NOT GUARANTEED.
 - IN ACCORDANCE WITH PA ACT 287 AS OF 1974 AS AMENDED BY ACT 50 OF 2017, THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA VIA THE PENNSYLVANIA ONE CALL SYSTEM, INC. (800-242-1778).
 - THE CONTRACTORS SHALL VERIFY LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND STRUCTURES BEFORE THE START OF WORK.
 - IF CONFLICTS ARE FOUND THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND DESIGN ENGINEER FOR INSTRUCTION BEFORE PROCEEDING WITH WORK.
 - ELEVATIONS ARE BASED ON THE CITY OF PHILADELPHIA VERTICAL DATUM. SITE FEATURES ARE BASED ON THE PA NAVD 83 HORIZONTAL DATUM.
 - ALL BOUNDARY LINES ARE DRAWN IN UNITED STATES MEASURE (US) AND DIMENSIONED IN DISTRICT MEASURE (DS). ALL PROPOSED SITE AND BUILDING DIMENSIONS ARE SHOWN IN UNITED STATES (US) MEASURE UNLESS NOTED PHILADELPHIA DISTRICT STANDARD MEASURE (DS).
 - REFERENCE IS MADE TO PENNSYLVANIA ONE CALL SYSTEM, ASSIGNED SERIAL NUMBER 2022818621 IN ACCORDANCE WITH PA ACT 287 AS OF 1974 AS AMENDED BY ACT 50 OF 2017 ENTITLED "UNDERGROUND UTILITY LINE PROTECTION LAW", (800-242-1778).

REFERENCE:

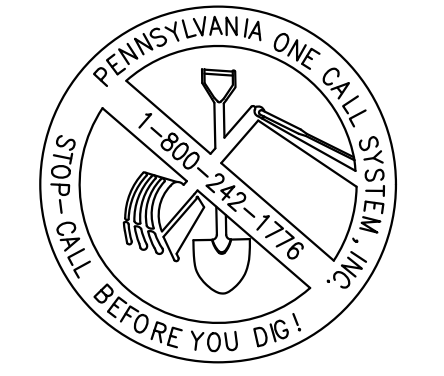
- EXISTING SURVEY WAS PREPARED BY LOUIS V. LAFORST, PLS, DATED NOVEMBER 19, 2019 PER INSTRUCTIONS OF TARA RASHEED, MDO.
- ALL VALVES, VENTS, MANHOLES, INLETS AND OTHER UTILITY STRUCTURES HAVE BEEN FIELD VERIFIED AND WILL NOT CONFLICT WITH PROPOSED CURB ALIGNMENTS.

FLOOD ZONE INFORMATION:

- BY GRAPHIC PLOTTING ONLY, BASED UPON THE FLOOD INSURANCE RATE MAP, PANEL NO. 177 OF 230, COMMUNITY MAP NUMBER 4207570177G WHICH BECAME AN EFFECTIVE DATE OF JANUARY 17TH, 2007, THE SITE IS LOCATED IN THE FOLLOWING AREAS:
ZONE AE - BASE FLOOD ELEVATION DETERMINED - 30 FT NGVD 29 (APPROX 24.2 FT CITY DATUM)
FLOODWAY AREA IN ZONE AE - THE FLOODWAY IS THE CHANNEL OF A STREAM PLUS ANY ADJACENT FLOODPLAIN AREAS THAT MUST BE KEPT FREE OF ENCROACHMENT SO THAT 1% ANNUAL CHANCE FLOOD CAN BE CARRIED WITHOUT SUBSTANTIAL INCREASES IN FLOOD HEIGHT
- NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE AND AN ELEVATION CERTIFICATE MAY BE NEEDED TO VERIFY THIS DETERMINATION OR APPLY FOR A VARIANCE FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

LEGEND

	STORM SEWER MANHOLE		METAL POLE
	WATER MANHOLE		EXISTING WATER SERVICE
	WATER SHUT OFF		EXISTING SANITARY SEWER
	TRAFFIC LIGHTS		EXISTING TELECOMMUNICATION SERVICE
	CATCH BASIN/GRATE INLET		
	LIGHT STANDARD		
	UTILITY POLE		
	SIGN POST		
	ASPHALT		
	RUBBER PAVING		
	TREE		
	CITY PLAN ELEVATION		
	BUILDING DIMENSION		
	HYDRANT		
	PROPERTY LINES		
	BOLLARD		



CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1778
PA ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
SERIAL NUMBER(S): 2022361021

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

Pennonni
PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR
DISCREPANCIES BEFORE PROCEEDING WITH WORK

MURPHY RECREATION CENTER
300 WEST SHUNK STREET
PHILADELPHIA, PENNSYLVANIA 19148

EXISTING CONDITIONS PLAN

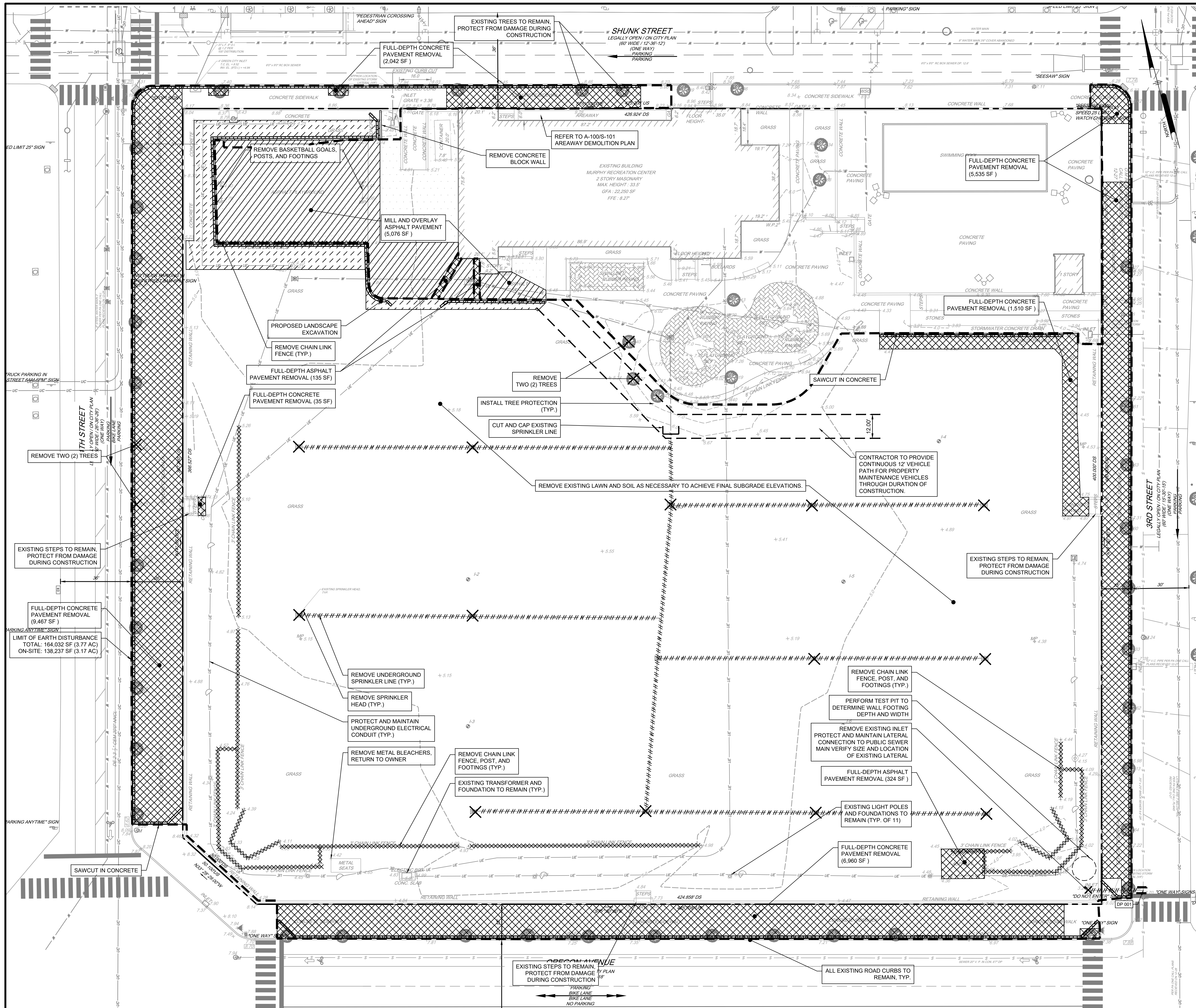
CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

NO.	DATE	BY	REVISIONS
1	02/24/2023	5	ISSUE FOR BID
2	07/18/2023	4	PWD PCSM RESUBMISSION
3	12/16/2022	3	90% CONSTRUCTION DOCUMENTS
4	11/11/2022	2	PCSMP NPDES SUBMISSION
5	8/12/2022	1	100% DESIGN DEVELOPMENT

NO.	DATE	BY	REVISIONS
1	02/24/2023	5	ISSUE FOR BID
2	07/18/2023	4	PWD PCSM RESUBMISSION
3	12/16/2022	3	90% CONSTRUCTION DOCUMENTS
4	11/11/2022	2	PCSMP NPDES SUBMISSION
5	8/12/2022	1	100% DESIGN DEVELOPMENT

PROJECT: KLMLX20001
DATE: 8/12/2022
DRAWING SCALE: 1"=20'
DRAWN BY: SDL
APPROVED BY: MJM

CS0201
SHEET 2 OF 22



GENERAL NOTES:
 SITE ADDRESS:
 300 WEST SHUNK STREET
 PHILADELPHIA, PA 19148
 OWNER:
 CITY OF PHILADELPHIA
 1401 JOHN F. KENNEDY BOULEVARD
 PHILADELPHIA, PA 19102
 DEVELOPER:
 REBUILD PHILADELPHIA
 1515 ARCH STREET, MEZZANINE LEVEL
 PHILADELPHIA, PA 19107
 ENGINEER:
 PENNONI ASSOCIATES INC.
 1901 MARKET STREET, SUITE 300
 PHILADELPHIA, PA 19103

- DEMOLITION NOTES:**
- DEMOLITION SHALL BE FULLY COORDINATED WITH THE CONSTRUCTION PHASING PLANS.
 - PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 267 OF 1974, AS AMENDED BY ACT 121 OF 2008, THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST THREE (3) WORKING DAYS PRIOR TO EXCAVATION.
 - DEMOLITION WILL BEGAIN UPON RECEIPT OF ALL NECESSARY APPROVALS AND PERMITS FROM ALL APPLICABLE GOVERNMENTAL AGENCIES. ALL WORK SHALL COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE AREAS FOR BOTH VEHICULAR AND PEDESTRIAN TRAFFIC BE SAFE, CLEAN, AND ACCESSIBLE AT ALL TIMES DURING CONSTRUCTION.
 - CONTRACTOR SHALL CONTACT THE PA ONE CALL SYSTEM (1-800-242-1776) PER ACT 287, AS AMENDED, NOT LESS THAN THREE DAYS NOR MORE THAN TEN WORKING DAYS BEFORE COMMENCING DEMOLITION.
 - CONTRACTOR IS RESPONSIBLE FOR UTILIZING APPLICABLE EROSION CONTROL MEASURES PRIOR TO AND DURING DEMOLITION. THE EROSION AND SEDIMENTATION PLANS ARE TO BE SUBMITTED TO THE PHILADELPHIA WATER DEPARTMENT. REFER TO CS8000 SERIES FOR THIS PROJECT FOR EROSION AND SEDIMENT CONTROL PROCEDURES.
 - THE CONTRACTOR SHALL ENSURE THAT PROPER MECHANISMS ARE IN PLACE TO CONTROL WASTE MATERIALS THAT COULD ADVERSELY IMPACT WATER QUALITY. DEMOLITION WASTES INCLUDE, BUT ARE NOT LIMITED TO, EXCESS SOIL MATERIALS, BUILDING MATERIAL, CONCRETE WASTE, SANITARY WASTES, ETC. MEASURES SHOULD BE PLANNED AND IMPLEMENTED FOR HOUSE KEEPING, MATERIAL MANAGEMENT AND LITTER CONTROL, WHEREVER POSSIBLE. RECYCLING OF EXCESS MATERIALS IS PREFERRED, RATHER THAN DISPOSAL. DIRECT ALL PUMP DISCHARGES RESULTING FROM DEWATERING OPERATIONS TO A SUITABLE FILTERING DEVICE IN ACCORDANCE WITH THE EROSION AND SEDIMENTATION CONTROL PLANS.
 - SAFETY DEVICES (I.E. BARRICADES, WARNING TAPE, CHAIN LINK FENCING, ETC.) SHALL BE USED DURING DEMOLITION PROCEDURE TO INSURE THE SAFETY OF THE SURROUNDING PUBLIC. REFER TO SITE LOGISTICS PLAN FOR ADDITIONAL INFORMATION REGARDING LANE CLOSURES AND CONSTRUCTION ENTRANCES. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION OF THE SITE LOGISTICS PLAN. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING, PREPARING, AND OBTAINING PERMITS RELATED TO STREET AND SIDEWALK CLOSURES RELATED TO ALL CONSTRUCTION ACTIVITIES OF THIS PROJECT.
 - THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY AND ALL DEBRIS THAT MAY FALL ON THE ROADWAY AND/OR MAY BE TRACKED ONTO THE ROADWAY.
 - STRUCTURES, PAVEMENT, SUBBASE AND MISCELLANEOUS ITEMS SHALL BE REMOVED IN THEIR ENTIRETY. ALL OPEN EXCAVATION AS A RESULT OF DEMOLITION WORK (I.E. FOUNDATIONS, BARRICADES, TRENCHES, MANHOLES, INLETS, CLEANOUTS AND STORMWATER PIPES) SHALL BE BACKFILLED TO SURROUNDING GRADE LEVEL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AFTER DEMOLITION IS COMPLETE.
 - SIGNS, FIRE HYDRANTS, VALVES, ETC. IN THE WALKWAYS AND STREETS ARE TO BE PROTECTED AND MAINTAINED IN OPERABLE CONDITION THROUGHOUT DEMOLITION AND CONSTRUCTION. PEDESTRIAN LIGHTS, SIGNAGE AND PARKING SIGNS SHALL BE REMOVED AND SALVAGED FOR REUSE / INSTALLATION BY CONTRACTOR (IF NECESSARY) AND COORDINATED WITH THE APPROPRIATE AUTHORITIES.
 - STREET LIGHT CONDUCITS AND LINES LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY WILL NOT BE MARKED BY PA ONE-CALL AND A SEPARATE CONTRACT MUST BE MADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY/ALL WORK TO LOCATING STREET LIGHTING EQUIPMENT.
 - ALL LINES TO BE ABANDONED SHALL BE SEALED WITH A MINIMUM OF 12-INCH DEEP MASONRY PLUGS OR OTHER PERMANENT MEANS AS REQUIRED BY REQUIREMENTS.
 - CONTRACTOR SHALL DIG TEST PITS AT ALL UTILITY CROSSINGS TO VERIFY THE ELEVATION OF THE EXISTING UTILITY MAINS A MINIMUM OF TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK. THE ENGINEER SHALL BE PROVIDED WITH SURVEYED LOCATIONS AND ELEVATIONS AT PROPOSED TEST PIT. REFER TO PLAN FOR SPECIFIC AREAS OF CONCERN. ALTHOUGH ALL CROSSINGS ARE THE CONTRACTOR'S RESPONSIBILITY.
 - ALL UTILITIES TO BE CAPPED AND REMOVED ARE NOT SHOWN. CONTRACTOR TO CAP AND REMOVE EXISTING UTILITIES WHICH INTERFERE WITH PROPOSED SITE CONSTRUCTION. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM UTILITY OWNERS PRIOR TO REMOVAL OF FACILITIES.
 - CONTRACTOR TO PROTECT AND SUPPORT EXISTING UTILITY STRUCTURES WITHIN THE RIGHT-OF-WAY DURING DEMOLITION AND CONSTRUCTION.
 - EXISTING UTILITIES AND STRUCTURES ARE TO BE PROTECTED AND MAINTAINED UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO REMOVE ABANDONED UTILITIES ENCOUNTERED DURING EXCAVATION. UTILITIES NOT ENCOUNTERED MAY REMAIN IN PLACE, AND UNEXPECTED, UNLESS NOTED OTHERWISE ON THE PLANS.
 - NO UNSUITABLE MATERIAL IS TO BE USED ON-SITE. REMOVE ANY SUBGRADE THAT CANNOT BE PROPERLY COMPACTED AND THAT IS UNSUITABLE MATERIAL UNDERLYING AND/OR SUBGRADE STABILIZATION MAY BE REQUIRED.
 - ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
 - REMOVAL OF ANY FIRE HYDRANT SHALL BE REVIEWED AND APPROVED BY THE LOCAL FIRE OFFICIALS. CONTRACTOR TO COORDINATE HYDRANT REMOVAL AND APPROVAL WITH THE MUNICIPAL AUTHORITY AND UTILITY COMPANY. CONTRACTOR TO PROVIDE TEMPORARY AND/OR PERMANENT RELOCATION OF HYDRANTS PER MUNICIPAL AUTHORITY REQUIREMENTS.
 - CONTRACTOR WILL BE RESPONSIBLE TO REMOVE ANY UNDERGROUND FOUNDATION OR ABANDONED UTILITY REQUIRED TO FACILITATE THE PROPOSED IMPROVEMENTS.
 - UTILITY REMOVALS/ABANDONMENT SHALL BE IN ACCORDANCE WITH THE FOLLOWING ADDITIONAL SPECIFICATIONS:
 23.1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR PROPER PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING FACILITIES ON THESE PLANS. HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVIENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR.
 23.2. CONTRACTOR TO NOTIFY APPROPRIATE UTILITY COMPANY PRIOR TO INTERRUPTION, RELOCATION, OR REMOVAL/ABANDONMENT OF SUCH UTILITY.
 23.3. REMOVAL/ABANDONMENT OF PRIVATE UTILITY COMPANY SERVICES TO BE IN ACCORDANCE WITH EACH RESPECTIVE UTILITY COMPANY STANDARD SPECIFICATIONS OR THE FOLLOWING PROCEDURE, WHICH EVER IS MORE RESTRICTIVE.
 23.4. ALL PIPES TO BE ABANDONED SHALL BE EITHER EXCAVATED, REMOVED AND THE TRENCH BACKFILLED WITH COURSE AGGREGATE MATERIAL OR ALTERNATE MATERIAL APPROVED BY THE ENVIRONMENTAL ENGINEER OF RECORD OR THE PIPE SHALL BE COMPLETED FILLED WITH FLOWABLE FILL SAND AND THE ENDS SEALED WITH WATERTIGHT GROUT.
 23.5. ALL STRUCTURES TO BE ABANDONED IN PLACE SHALL HAVE AT MINIMUM THE FIRST FEET BELOW PROPOSED GRADE REMOVED. THE REMAINING STRUCTURE SHALL BE COMPLETELY FILLED WITH FLOWABLE FILL, CAPPED WITH A WATERTIGHT CONCRETE COVER AND SEALED WITH WATERTIGHT GROUT, WHERE SITE GRADING NECESSITATES STRUCTURE REMOVAL. THE ASSOCIATED PIPES SHALL BE FILLED WITH FLOWABLE FILL AND THE ENDS SEALED WITH WATERTIGHT GROUT. THE CONTRACTOR SHALL FIELD VERIFY THE FLOW PATH OF ALL PIPES TO ENSURE THAT PLUGGING PIPES WILL NOT ADVERSELY AFFECT DRAINAGE ON ANY ADJACENT ROADWAY OR PROPERTY.
 24. ALL MATERIALS TO BE REMOVED SHALL BE DISPOSED OF AT AN APPROVED WASTE DISPOSAL SITE, OR SHALL BE RECYCLED IN ACCORDANCE WITH PROJECT REQUIREMENTS.
 25. REMOVAL AND DISPOSAL OF BITUMINOUS MATERIAL SHALL BE IN ACCORDANCE WITH DETAILS AND REGULATIONS OF THE MUNICIPALITY, PAEPD, AND PENNDOT, AS APPLICABLE AND IS SUBJECT TO INSPECTION AND APPROVAL AS APPROPRIATE.
 26. CONTRACTOR TO COLLECT AND REMOVE ALL TRASH/DEBRIS ON SITE.

LEGEND

	STORM SEWER MANHOLE		EXISTING PAVEMENT TO BE REMOVED
	WATER MANHOLE		PROPOSED MILL AND OVERLAY
	WATER SHUT OFF		PROPOSED LANDSCAPE EXCAVATION
	TRAFFIC LIGHTS		EXISTING FENCE/WALL TO BE REMOVED
	CATCH BASIN/GRATE INLET		SITE FEATURE TO BE REMOVED
	LIGHT STANDARD		LIMIT OF EARTH DISTURBANCE
	UTILITY POLE		EXISTING UTILITY TO BE REMOVED
	SIGN POST		CAP AND CUT EXISTING UTILITY
	ASPHALT		
	RUBBER PAVING		
	TREE		
	CITY PLAN ELEVATION		
	BUILDING DIMENSION		
	HYDRANT		
	PROPERTY LINES		
	BOLLARD		
	METAL POLE		
	EXISTING WATER SERVICE		
	EXISTING SANITARY SEWER		
	EXISTING TELECOMMUNICATION SERVICE		

Pennonni
 PENNONI ASSOCIATES INC.
 1901 MARKET STREET, SUITE 300
 PHILADELPHIA, PA 19103
 T 215.222.3000
 F 215.222.3688

MURPHY RECREATION CENTER
 300 WEST SHUNK STREET
 PHILADELPHIA, PENNSYLVANIA 19148
 SITE DEMOLITION PLAN
 CITY OF PHILADELPHIA
 1401 JOHN F. KENNEDY BOULEVARD
 PHILADELPHIA, PA 19102

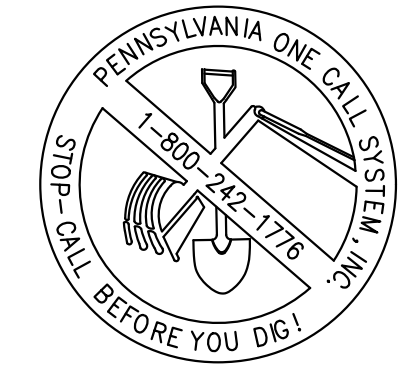
NO.	DATE	REVISIONS
1	02/24/2023	ISSUE FOR BID
2	07/18/2023	FINAL PCSM RESUBMISSION
3	12/16/2022	90% CONSTRUCTION DOCUMENTS
4	11/11/2022	PCSMP/PP/SES SUBMISSION
5	8/12/2022	100% DESIGN DEVELOPMENT

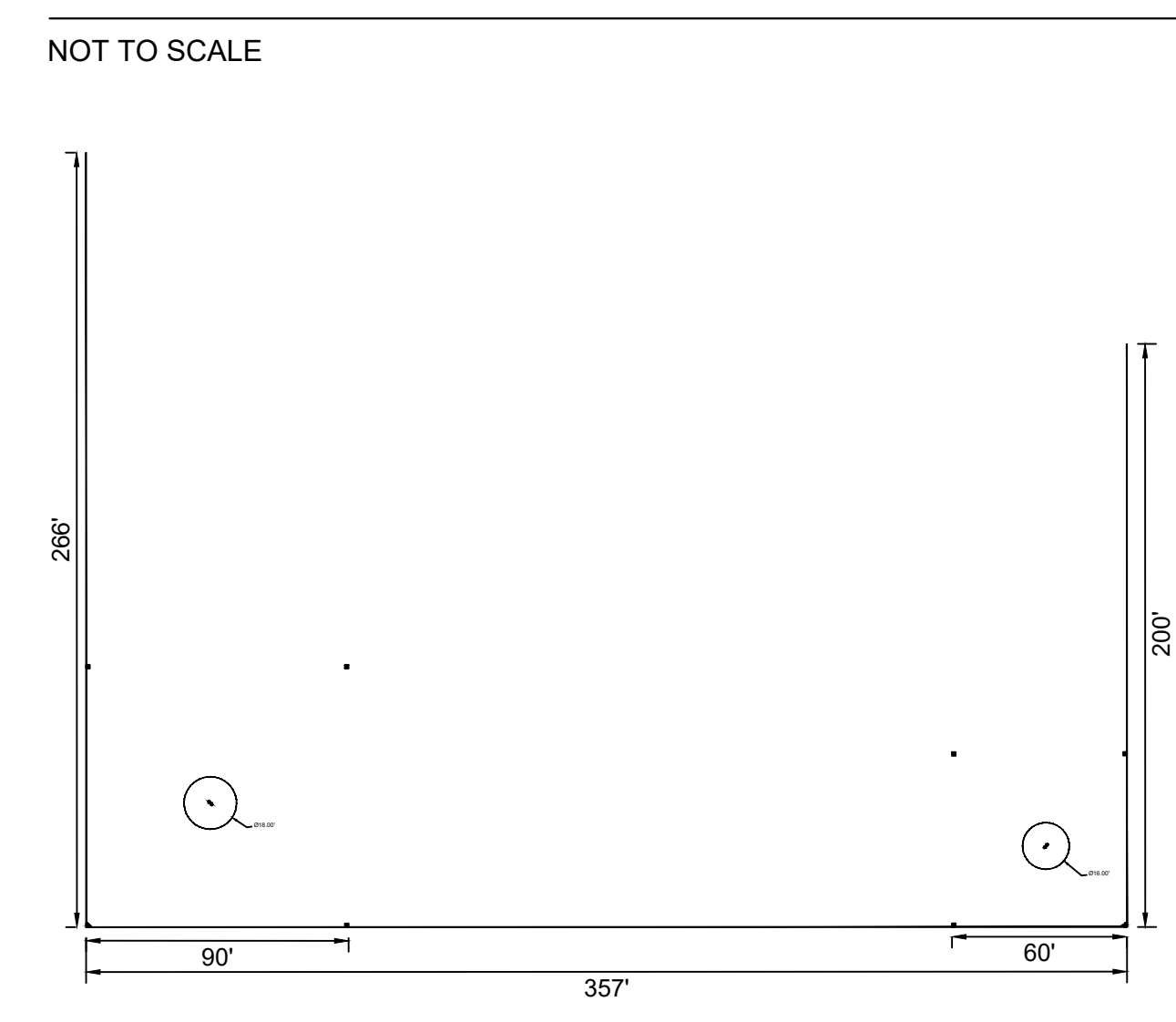
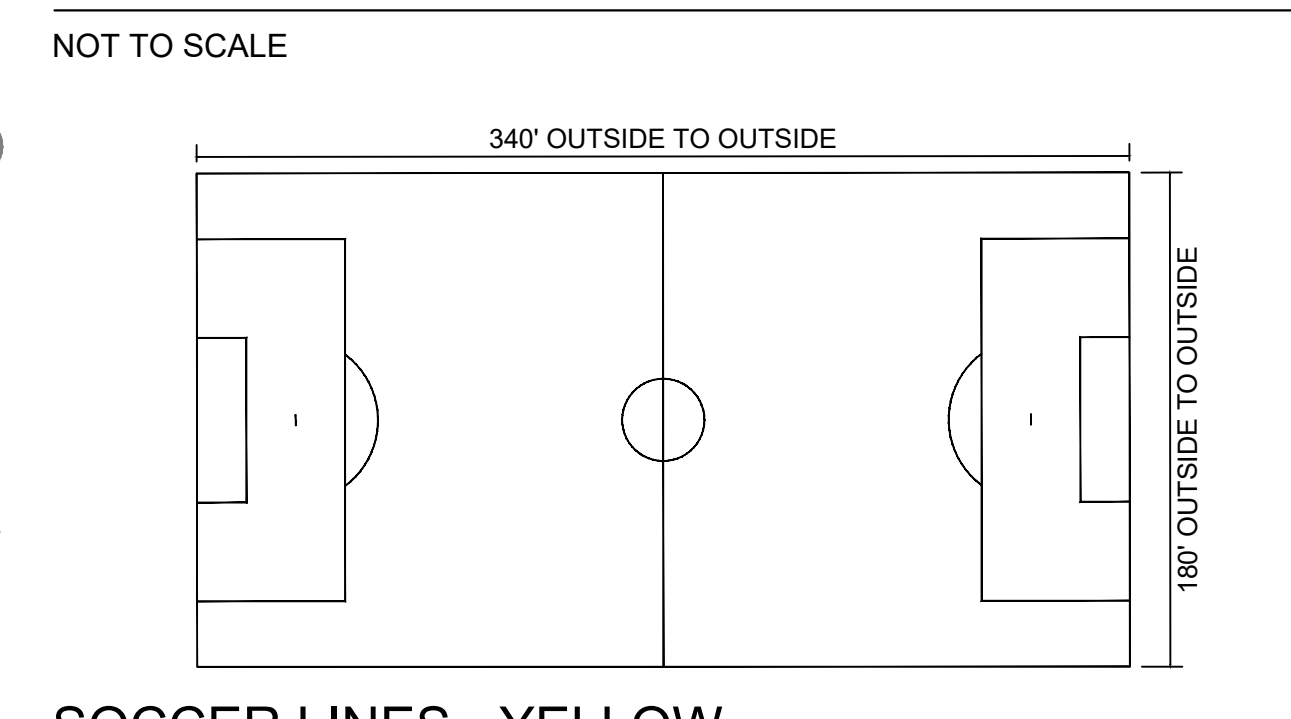
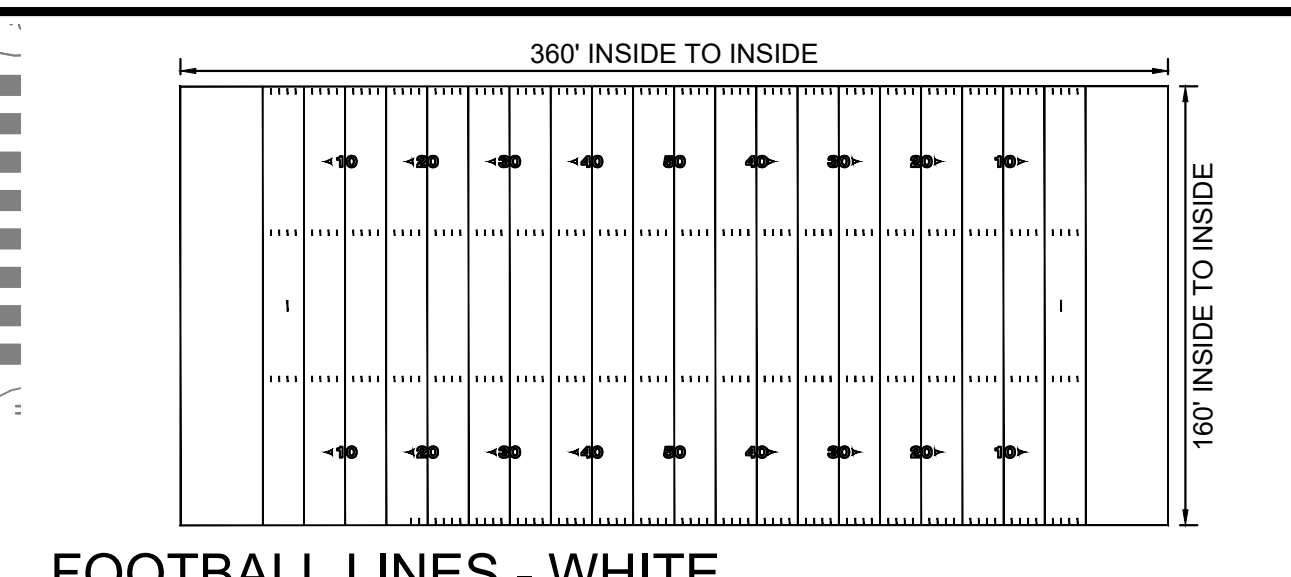
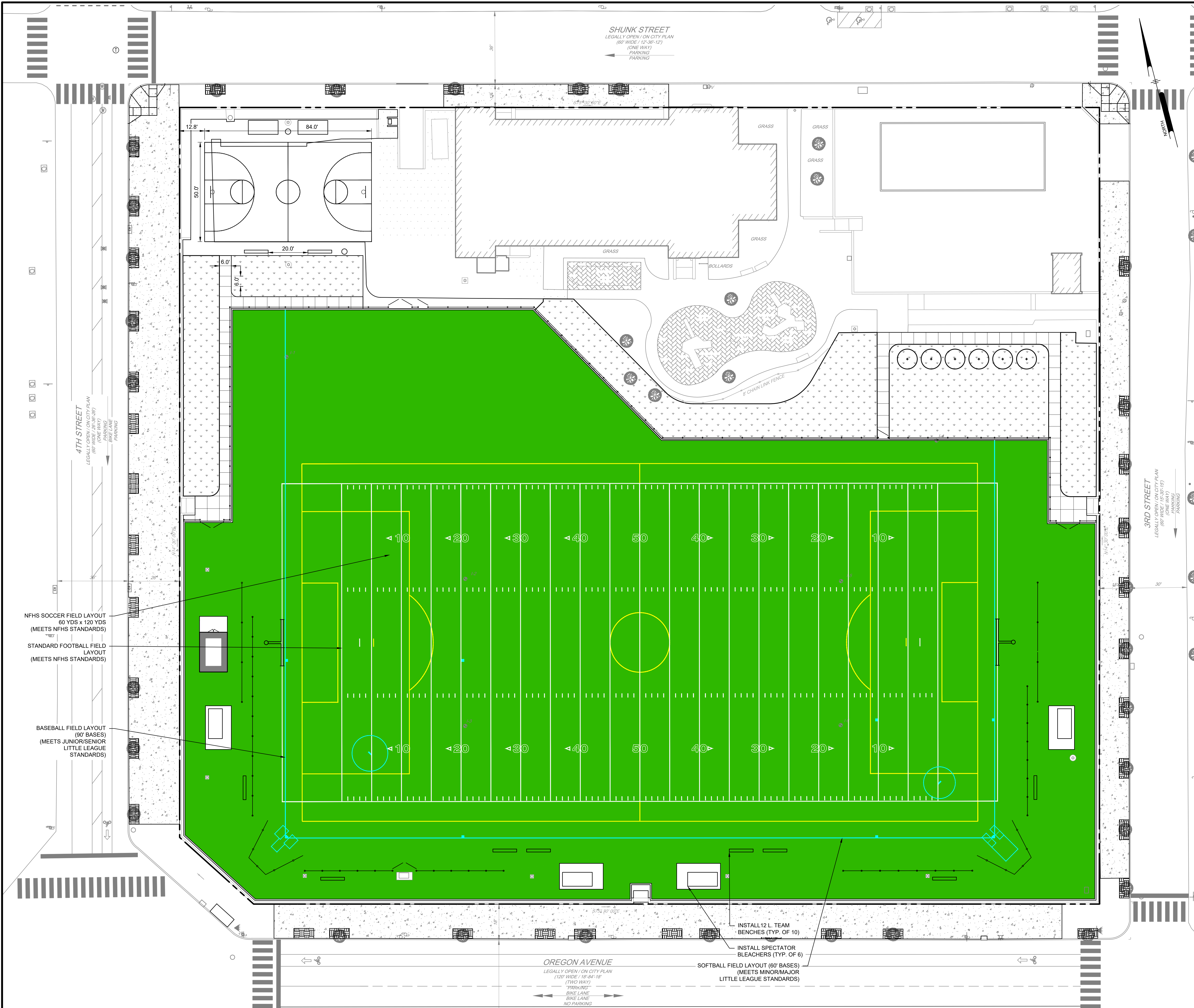
NO.	DATE	REVISIONS
1	02/24/2023	ISSUE FOR BID
2	07/18/2023	FINAL PCSM RESUBMISSION
3	12/16/2022	90% CONSTRUCTION DOCUMENTS
4	11/11/2022	PCSMP/PP/SES SUBMISSION
5	8/12/2022	100% DESIGN DEVELOPMENT

PROJECT: KMLX20001
 DATE: 8/12/2022
 DRAWING SCALE: 1"=20'
 DRAWN BY: SDL
 APPROVED BY: MJM
CS0501
 SHEET 3 OF 22

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

CALL BEFORE YOU DIG
 BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
 CALL 1-800-242-1776
 PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE. DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC. SERIAL NUMBER(S): 20223610621





ATHLETIC EVENT GRAPHICS
SYNTHETIC TURF ATHLETIC FIELD GRAPHICS:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PERMANENT COLORED TURF AND/OR INLAY OF ANY AND ALL PIAA REGULATION AND LINES AFFILIATED WITH FOOTBALL, SOCCER, BASEBALL AND SOFTBALL EVENTS. THE CONTRACTOR SHALL SUBMIT A LAYOUT PLAN OF ALL LINES AND GRAPHICS TO BE INCLUDED TO THE LAND ARCHITECT FOR APPROVAL PRIOR TO FINALIZING SYNTHETIC TURF MANUFACTURING.

FOOTBALL - INCLUDING ALL FIELD MARKINGS NECESSARY FOR PERFORMANCE OF SPORT.
160' X 360' COLOR: WHITE

SOCCER - INCLUDING ALL FIELD MARKINGS NECESSARY FOR PERFORMANCE OF SPORT.
225' X 360' COLOR: YELLOW

BASEBALL/SOFTBALL - INCLUDING ALL FIELD MARKINGS NECESSARY FOR PERFORMANCE OF SPORT.
COLOR: CAROLINA BLUE

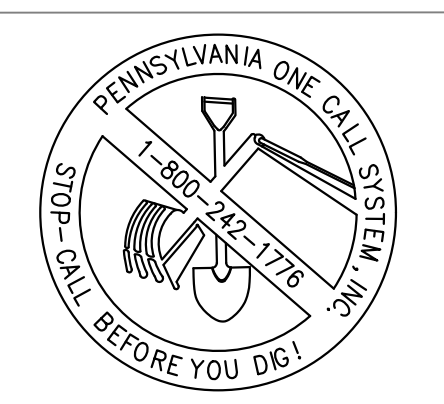
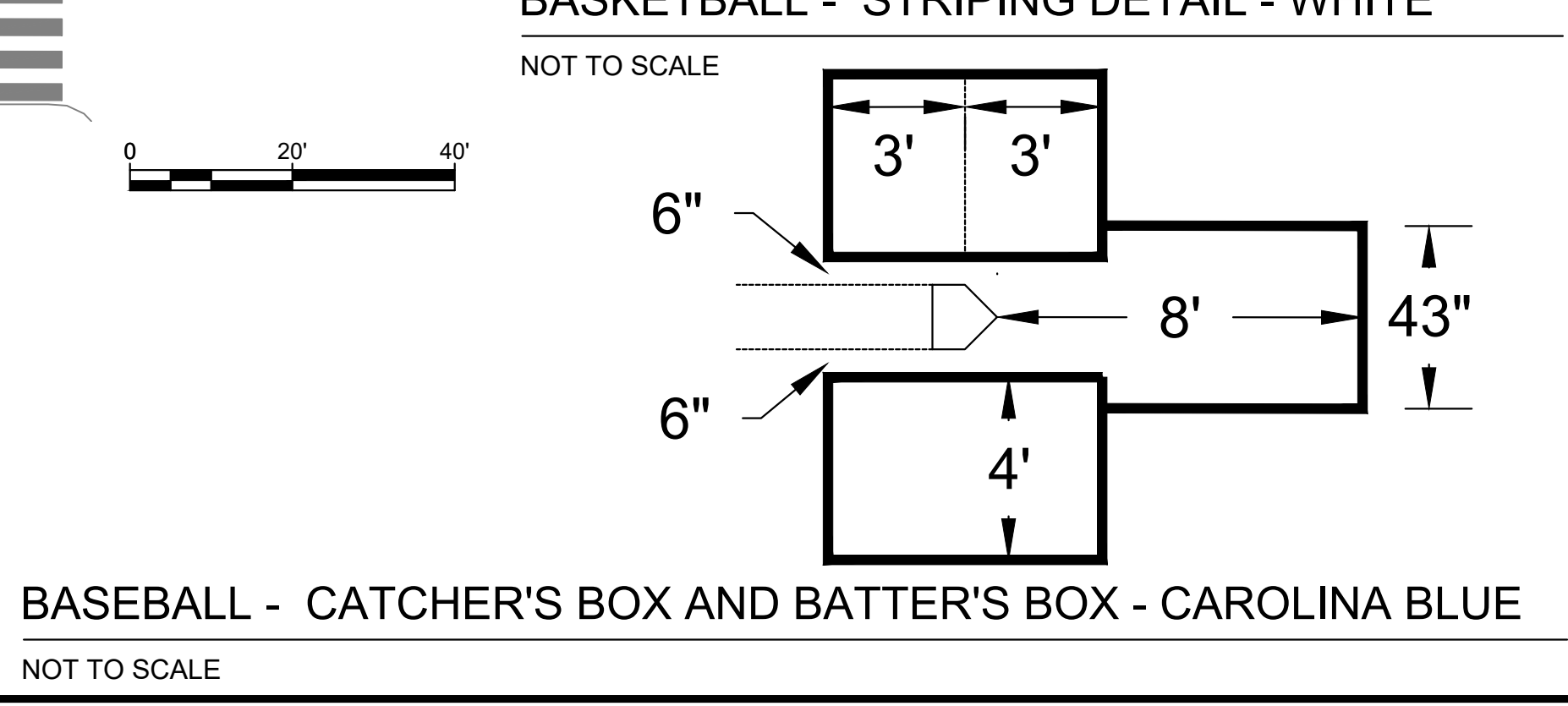
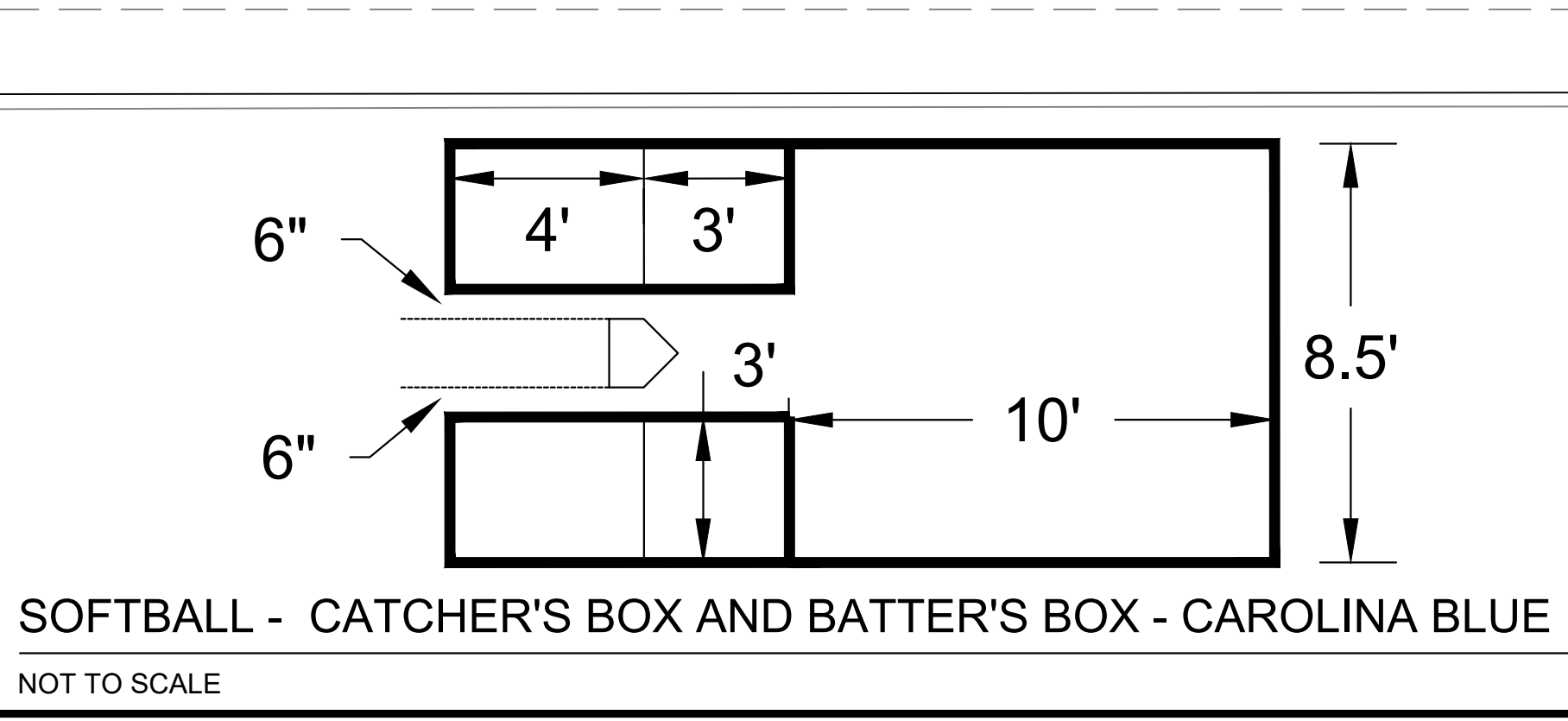
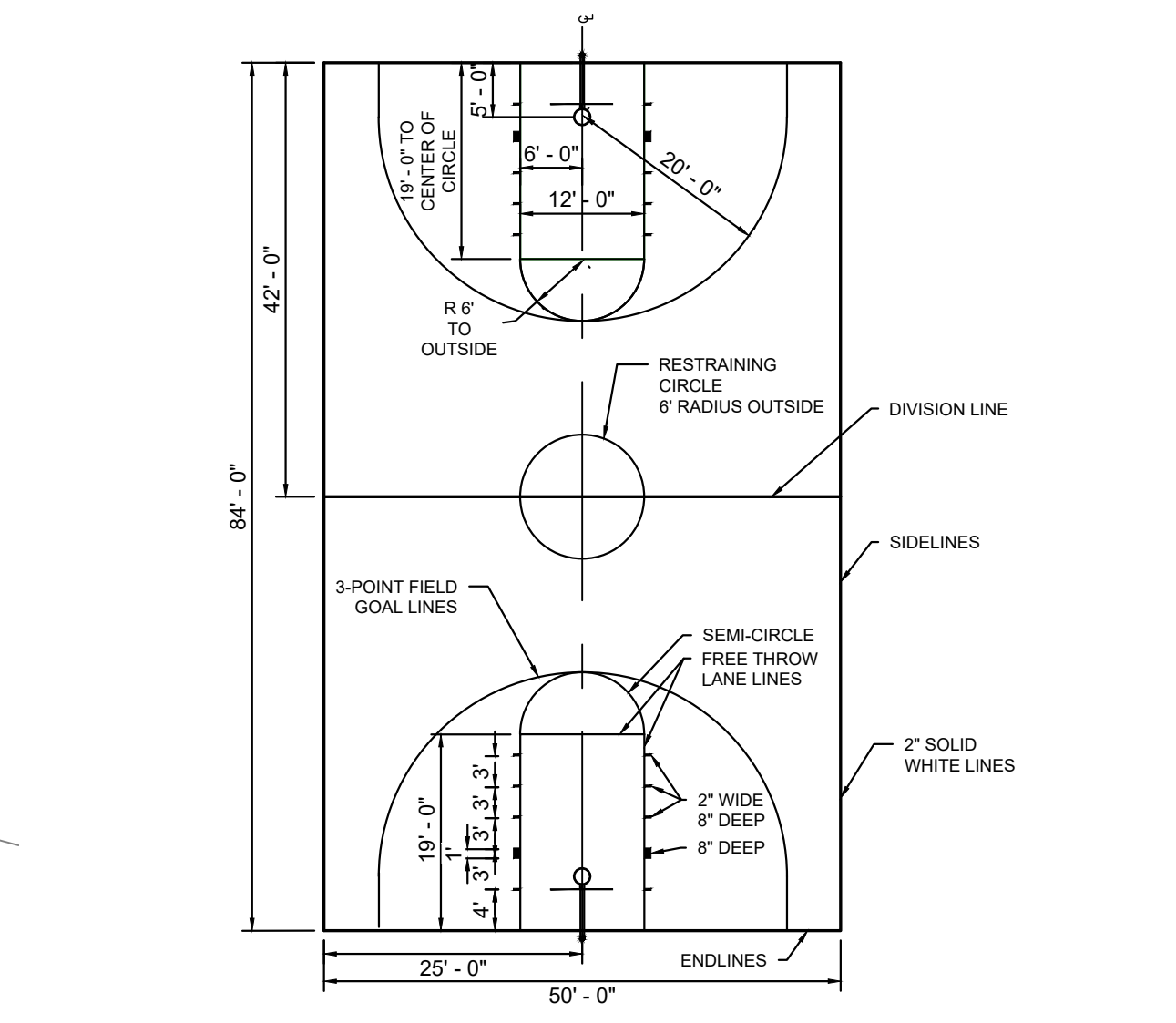
FIELD LINE GRAPHICS - LINE SEQUENCE:

THE FOLLOWING COLOR SEQUENCE DELINEATES THE ORDER (HIGHEST PRIORITY TO LOWEST PRIORITY) IN WHICH THE INSTALLATION OF THE FIELD LINES SHALL GRAPHICALLY TAKE PRECEDENCE:

1. WHITE FIELD LINES
2. YELLOW FIELD LINES
3. CAROLINA BLUE FIELD LINES

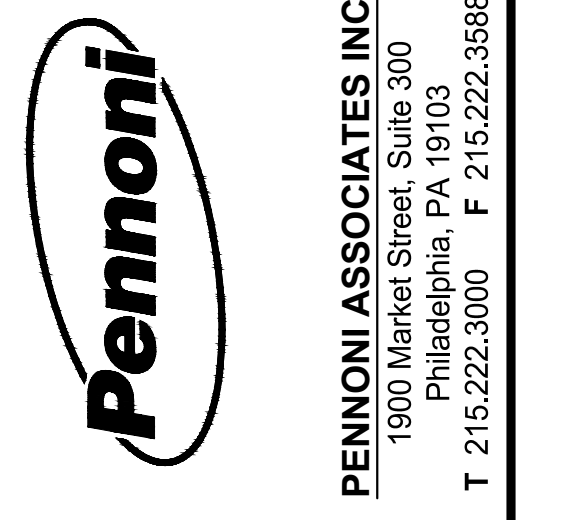
NOTES:

- A. ALL FIELD LAYOUT DIMENSIONS SHALL CONFORM TO THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS.
- B. NO FIELD DELINEATION DOTS SHALL BE OBLITERATED BY OTHER FIELD GRAPHICS.
- C. CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS FOR APPROVAL PRIOR TO FIELD INSTALLATION.



CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1776
PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
SERIAL NUMBER(S): 20223610621

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297



ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR DISCREPANCIES BEFORE PROCEEDING WITH WORK

MURPHY RECREATION CENTER
300 WEST SHUNK STREET
PHILADELPHIA, PENNSYLVANIA 19148

SPORTS STRIPING PLAN

CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

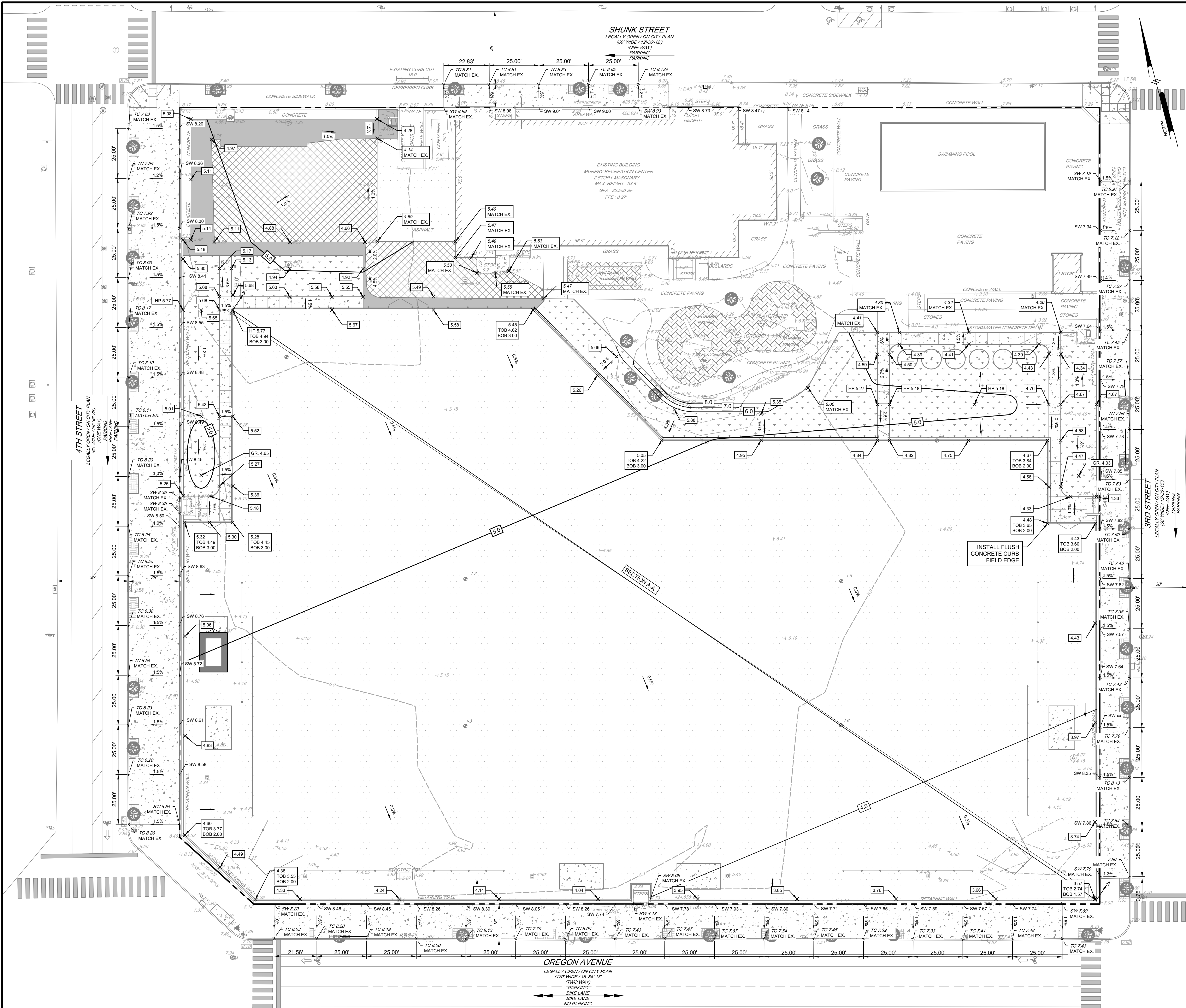
NO.	DATE	REVISIONS
1	02/24/2023	ISSUE FOR BID
2	07/18/2023	FINAL PCSM REVISION
3	12/18/2023	90% CONSTRUCTION DOCUMENTS
4	11/17/2023	PCSMP/PPSES SUBMISSION
5	8/12/2022	100% DESIGN DEVELOPMENT

NO.	DATE	REVISIONS
1	02/24/2023	ISSUE FOR BID
2	07/18/2023	FINAL PCSM REVISION
3	12/18/2023	90% CONSTRUCTION DOCUMENTS
4	11/17/2023	PCSMP/PPSES SUBMISSION
5	8/12/2022	100% DESIGN DEVELOPMENT

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SEPARABLE FROM THE PROJECT OR ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN VERIFICATION OR ADAPTATION BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE INTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY ON SOLE EXPLORE TO PENNONI ASSOCIATES AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT: KLMLX20001
DATE: 5/30/2022
DRAWING SCALE: 1"=20'
DRAWN BY: SDS
APPROVED BY: MUM

CS1002
SHEET 5 OF 22



GENERAL NOTES:

SITE ADDRESS:
300 WEST SHUNK STREET
PHILADELPHIA, PA 19148

OWNER:
CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

DEVELOPER:
REBULL PHILADELPHIA
1915 ARCH STREET, MEZZANINE LEVEL
PHILADELPHIA, PA 19107

ENGINEER:
PENNONI ASSOCIATES INC.
1901 MARKET STREET, SUITE 300
PHILADELPHIA, PA 19103

GENERAL CONSTRUCTION AND GRADING NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARDS, AS APPLICABLE:
 - 1.1. PENNDOT SPECIFICATION, PUB 4082007 OR LATEST REVISION.
 - 1.2. PENNDOT STANDARDS FOR ROADWAY CONSTRUCTION, PUBLICATION 72, LAST REVISED 8/19/08 OR LATEST REVISION.
 - 1.3. PENNDOT HANDBOOK OF APPROVED SIGNS, PUB 328/2006 OR LATEST REVISION.
 - 1.4. AMERICANS WITH DISABILITIES ACT OF JULY 1993 AS AMENDED.
 - 1.5. THE PENNSYLVANIA CLEAN STREAM LAW (35 P.S. SECTION 691.1 ET. SEQ.)
 - 1.6. REGULATIONS OF PA CODE TITLE 25, CHAPTER 102.
 - 1.7. CITY OF PHILADELPHIA STANDARDS AND SPECIFICATIONS (LATEST EDITION).
2. IN EVENT OF A CONFLICT AMONG THESE REQUIREMENTS AND/OR PLANS, THE MORE RESTRICTIVE REGULATION SHALL APPLY OR A CLARIFICATION SHALL BE OBTAINED FROM THE ENGINEER.
3. THE CONTRACTOR SHALL BE REQUIRED TO REVIEW AND ABIDE BY SPECIFICATIONS OF THE PLAN AND ALL SUPPORTING DOCUMENTS, PERMITS, AND RECORDS FOR THIS SITE, INCLUDING BUT NOT LIMITED TO:
 - 2.1. EROSION AND SEDIMENTATION CONTROL PLAN
 - 2.2. POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
4. THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER OF ANY DISCREPANCIES OR ERROR THEY DISCOVER IN THE PLANS.
5. EXISTING GRADES AND ELEVATIONS TO BE TIED INTO AROUND THE SITE SHALL BE VERIFIED BY THE CONTRACTOR. DEVIATIONS OF EXISTING GRADES AND ELEVATIONS FOUND IN THE FIELD BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE DESIGN ENGINEER.
6. DEVIATION FROM THESE PLANS AND NOTES WITHOUT THE PRIOR CONSENT OF THE OWNER OR HIS REPRESENTATIVE OR THE ENGINEER MAY BE CAUSE OF THE WORK TO BE UNACCEPTABLE.
7. CONTRACTOR SHALL RESET EXISTING MANHOLE RIMS AND UTILITY STRUCTURES TO FINISHED GRADE. CONTRACTOR SHALL COORDINATE DETAIL WITH RESPECTIVE UTILITY COMPANIES.
8. MAXIMUM SIDEWALK CROSS SLOPE IS 2% AND MINIMUM SIDEWALK CROSS SLOPE IS 0.5%.
9. MINIMUM PAVEMENT GRADE SHALL BE 1% UNLESS NOTED OTHERWISE.
10. UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IT IS THE EXPLOIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATIONS. THE CONTRACTOR WILL NOT BE PAID ADDITIONALLY FOR THIS COORDINATION. THE CONTRACTOR SHALL OBTAIN PERMITS FROM ALL UTILITY COMPANIES TO LOCATE AND PROTECT THEIR FACILITIES. IF CONFLICTS ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND DESIGN ENGINEER FOR INSTRUCTION BEFORE PROCEEDING WITH WORK.
11. MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER AND TENANT.
12. CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES AROUND THE WORK AREA AND SHALL PROVIDE PROTECTION AGAINST WATER DAMAGE AND SOIL EROSION.
13. TRAFFIC CONTROL METHODS, SUCH AS BARRICADES, SUFFICIENT LIGHTS, SIGNS, ETC. MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC AND MAINTAINS THROUGHOUT THE CONSTRUCTION.
14. HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES AROUND AND TO BUILDINGS NEAR CONSTRUCTION. IN TIME OF RAIN OR MUD, ROADS SHALL BE ABLE TO CARRY A FIRE TRUCK BY BEING PAVED OR HAVING A CRUSHED STONE BASE, ETC., WITH A MINIMUM WIDTH OF 20 FEET. ACCESS TO BUILDINGS THAT HAVE SPRINKLER OR STANDBY SYSTEMS SHALL BE WITHIN 40 FEET OF THE FIRE DEPARTMENT CONNECTOR. (NFPA 1141.1-1)
15. BEDDING REQUIREMENTS SPECIFIED HEREIN ARE TO BE PROVIDED AS MINIMUM FOR UNLINED DRY STABLE EARTH CONDITIONS. ADDITIONALLY BEDDING SHALL BE REQUIRED FOR ROCK TRENCHES AND WET AREAS. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.
16. BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 98% OF THEORETICAL MAXIMUM DRY DENSITY (ASTM D998). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX (6) INCHES IN COMPACTED FILL THICKNESS. A REPORT FROM A GEOTECHNICAL ENGINEER MAY BE REQUIRED BY THE PUBLIC WORKS INSPECTOR. CORRECTION OF ANY TRENCH SETTLEMENT WITHIN A YEAR FROM THE DATE OF APPROVAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
17. THE CONTRACTOR WILL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
18. THE CONTRACTOR SHALL PROVIDE ANY AND ALL EXCAVATION AND MATERIAL SAMPLES NECESSARY TO CONDUCT REQUIRED SOIL TESTS. ALL ARRANGEMENTS AND SCHEDULING FOR THE TESTING SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
19. SOIL TESTING AND ON-SITE INSPECTION SHALL BE PERFORMED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. A GEOTECHNICAL ENGINEER SHALL BE REQUIRED TO INSPECT, TEST AND CERTIFY TO THE COMPACTON OF ALL LOAD BEARING FILLS. THE GEOTECHNICAL ENGINEER SHALL PROVIDE COPIES OF TEST REPORTS TO THE CONTRACTOR, THE OWNER, AND TO THE OWNER'S REPRESENTATIVE AND SHALL PROMPTLY NOTIFY THE OWNER, HIS REPRESENTATIVE AND THE CONTRACTOR SHOULD WORK PERFORMED BY THE CONTRACTOR FAIL TO MEET THESE SPECIFICATIONS.
20. ALL IMPROVEMENTS WITHIN THE PUBLIC RIGHT-OF-WAY MUST COMPLY WITH THE MUNICIPAL STANDARDS AND SPECIFICATIONS.
21. ALL PERMITS MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.
22. ALL PAVEMENT MARKINGS ON PRIVATE PROPERTY SHALL CONFORM TO CURRENT MUTCD STANDARDS.
23. UNSTABLE SOILS TO BE UNDERCUT, REMOVED, AND REPLACED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
24. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR STAIR, RAMP, AND WALL DESIGNS AND DETAILS.
25. PAVEMENT MARKINGS DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPAINTED.
26. MATERIALS TO BE INSTALLED/CONSTRUCTED SHALL BE DONE SO IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
27. CONTRACTOR TO PROVIDE SHOP DRAWINGS OF MATERIALS TO BE INSTALLED/CONSTRUCTED FOR REVIEW AND APPROVAL BY THE OWNER AND ENGINEER.

PHILADELPHIA STREETS DEPARTMENT NOTES:

1. 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.
2. PURSUANT TO THE REQUIREMENTS OF PENNSYLVANIA ACT 287 (1974), AND AS AMENDED, THE CONTRACTOR SHALL CONTACT THE PENNSYLVANIA ONE CALL SYSTEM AT 1-800-242-1776, AT LEAST 3 WORKING DAYS PRIOR TO EXCAVATION. PENNSYLVANIA ONE CALL SYSTEM # 40228/0921 AND WARD # 38.
3. UTILITIES SHOWN ARE TAKEN FROM PUBLIC RECORD. THE CONTRACTOR MUST VERIFY THE EXACT LOCATION AND DEPTH.
4. HORIZONTAL AND VERTICAL CONTROL LINE AND GRADE STAKES FOR CURB, PAVING, ETC. WILL BE FURNISHED BY THE 7TH SURVEY DISTRICT OF THE CITY OF PHILADELPHIA BASED ON ITEM #4-1049. NOTE: THIS ITEM, ENGINEERING SERVICES IS A PREREQUISITE AMOUNT TO BE DETERMINED BY THE SUPERVISOR & REGULATOR AND TO BE INCLUDED IN THE CONTRACTOR'S BID.
5. PERMITS FOR BOLLARDS, CURB, & SIDEWALK PAVING WILL BE FURNISHED BY THE (2ND) HIGHWAY DISTRICT OF THE CITY OF PHILADELPHIA.
6. THE CITY OF PHILADELPHIA SHALL PROVIDE INSPECTION SERVICES FOR PAVING AND RELATED WORK. TO BE PAID UNDER ITEM #4-1041 AT A COST OF \$345 PER DAY. THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION UNIT OF THE DIVISION OF SURVEYS, DESIGN & CONSTRUCTION AT (215) 686-5330, A MINIMUM OF 2 WEEKS PRIOR TO THE START OF WORK. THIS ITEM, INSPECTION SERVICES SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
7. STREET LIGHT POLE LOCATIONS ARE NOT FINAL. THE STREETS DEPARTMENT STREET LIGHTING ENGINEER WILL DETERMINE THE EXACT LOCATIONS OF THE STREET LIGHT POLES DURING CONSTRUCTION. CONTACT THE STREET LIGHTING ENGINEER AT (215) 686-5117 TO COORDINATE STREET LIGHT POLE LOCATIONS.
8. STREET TREES MUST BE PERMITTED BY THE PHILADELPHIA DEPARTMENT OF PARKS & RECREATION. CONTACT THE STREET TREE MANAGEMENT DIVISION AT (215) 685-4363.
9. FOR PROJECTS ON STATE ROUTES, NOTICE IS HEREBY GIVEN THAT THE RECEIPT OF A PERMIT FROM EITHER THE PHILADELPHIA STREETS DEPARTMENT, OR THE PENNSYLVANIA DEPARTMENT OF TRANSPORTATION (PENNDOT) DOES NOT IMPLY A PERMIT FROM THE OTHER. ALL PERMITS MUST BE OBTAINED PRIOR TO THE START OF CONSTRUCTION.

LEGEND

	STORM SEWER MANHOLE		PROPOSED SYNTHETIC TURF FIELD (SUBSURFACE INFILTRATION)
	WATER MANHOLE		PROPOSED CONCRETE
	WATER SHUT OFF		PROPOSED MILL & OVERLAY
	TRAFFIC LIGHTS		PROPOSED POROUS ASPHALT
	CATCH BASIN/GRATE INLET		PROPOSED LAWN GRASS
	LIGHT STANDARD		PROPOSED EARTH FILL
	UTILITY POLE		PROPOSED STORAGE SHED
	SIGN POST		PROPOSED FENCE
	ASPHALT		PROPOSED TREE
	RUBBER PAVING		PROPOSED GRADING SLOPE
	TREE		PROPOSED CONTOUR
	CITY PLAN ELEVATION		PROPOSED SPOT ELEVATION
	BUILDING DIMENSION		PROPOSED TOP OF BASIN ELEVATION
	HYDRANT		PROPOSED BOTTOM OF BASIN ELEVATION
	PROPERTY LINES		PROPOSED SIDEWALK SPOT ELEVATION
	BOLLARD		
	METAL POLE		
	EXISTING WATER SERVICE		
	EXISTING SANITARY SERVICE		
	EXISTING TELECOMMUNICATION SERVICE		

Pennonni

PENNONI ASSOCIATES INC.
1901 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3588

MURPHY RECREATION CENTER
300 WEST SHUNK STREET
PHILADELPHIA, PENNSYLVANIA 19148

GRADING PLAN

CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

NO.	DATE	REVISIONS
1	02/24/2023	ISSUE FOR BID
2	07/18/2023	PNPD PCSM REVISION
3	12/16/2023	90% CONSTRUCTION DOCUMENTS
4	11/17/2023	PCS/PAN/PDES SUBMISSION
5	8/12/2022	100% DESIGN DEVELOPMENT

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SEPARATE FROM OR REPLACEABLE BY OTHER DOCUMENTS. ANY REVISIONS TO THESE DOCUMENTS SHALL BE MADE BY PENNONI ASSOCIATES. PENNONI ASSOCIATES SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. PENNONI ASSOCIATES SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN. PENNONI ASSOCIATES SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED HEREIN.

PROJECT: KLMX20001
DATE: 5/30/2022
DRAWING SCALE: 1"=20'
DRAWN BY: SDS
APPROVED BY: MUM

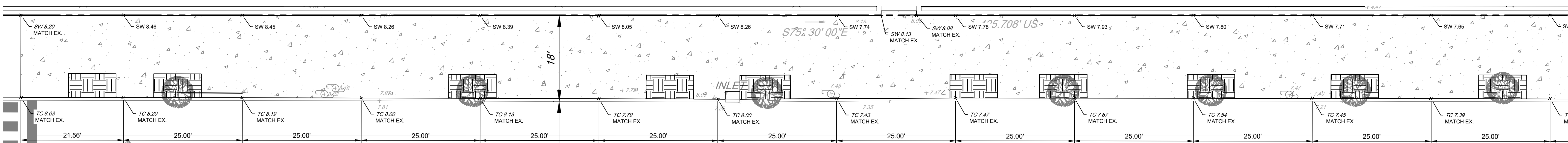
CS1501

SHEET 6 OF 22

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

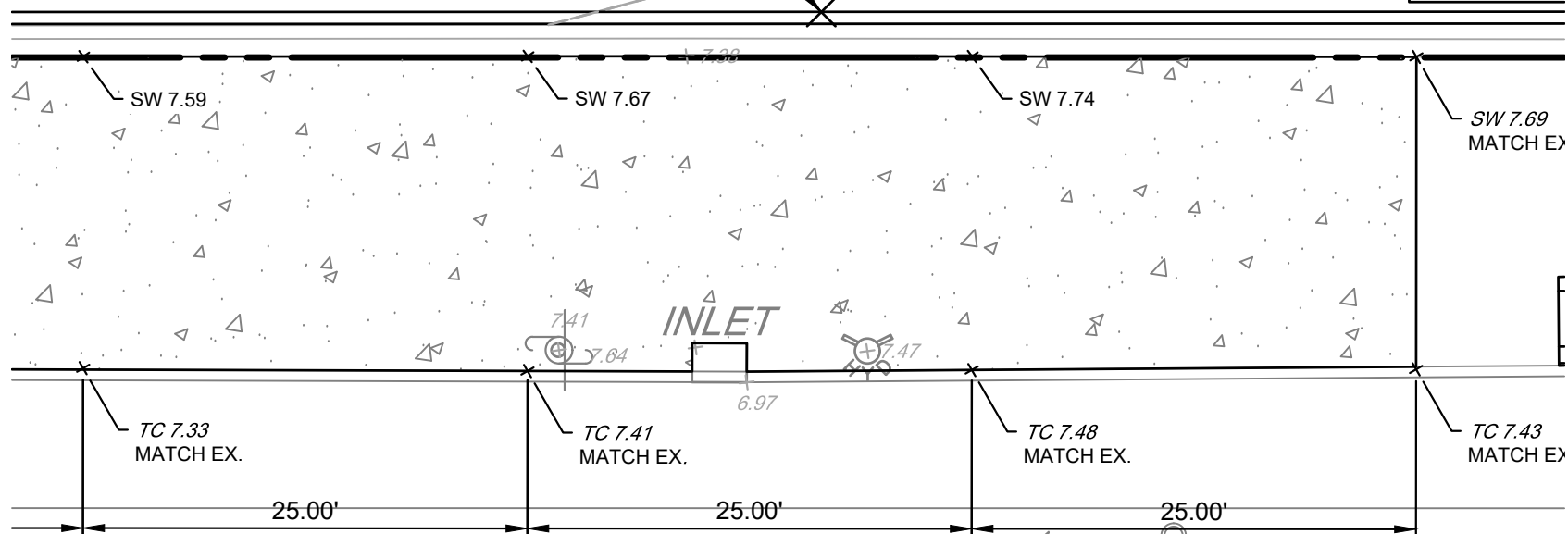
CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1776
PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC. SERIAL NUMBER(S): 20222610621

PHILADELPHIA ONE CALL SYSTEM
CALL BEFORE YOU DIG!



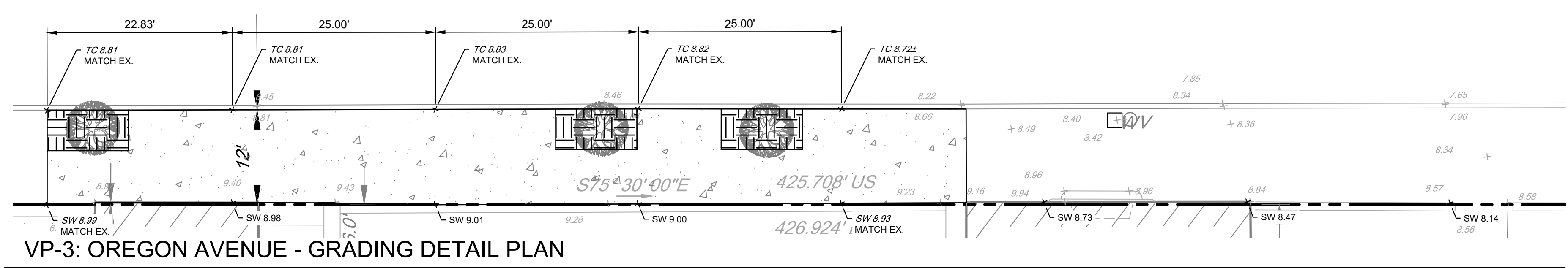
VP-1: OREGON AVENUE - GRADING DETAIL PLAN

SCALE: 1" = 10'-0"



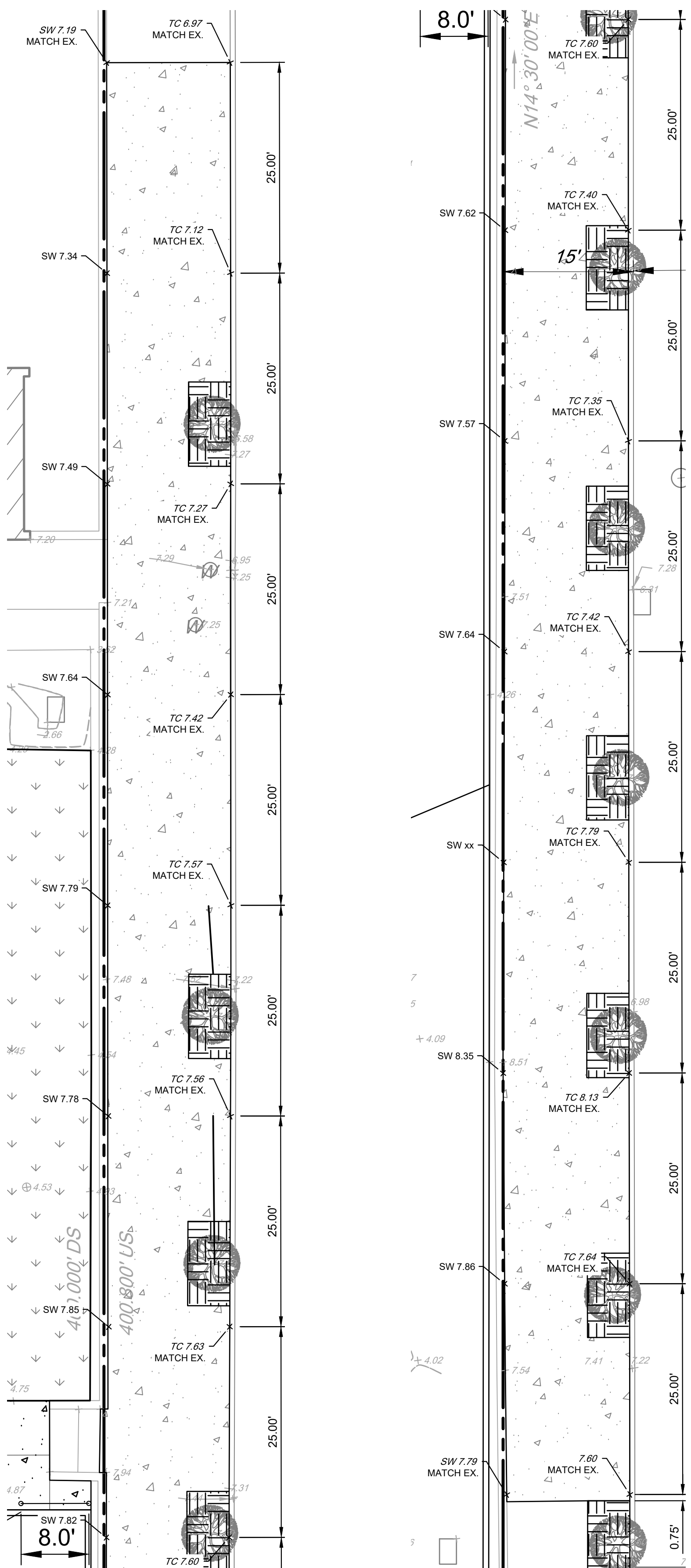
VP-2: OREGON AVENUE - GRADING DETAIL PLAN (CONTINUED)

SCALE: 1" = 10'-0"



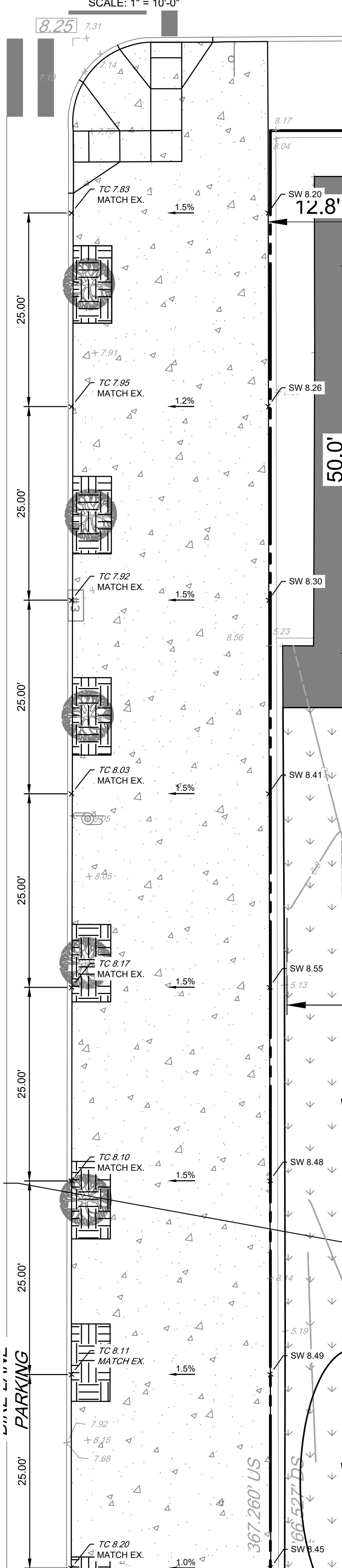
VP-3: OREGON AVENUE - GRADING DETAIL PLAN

SCALE: 1" = 10'-0"



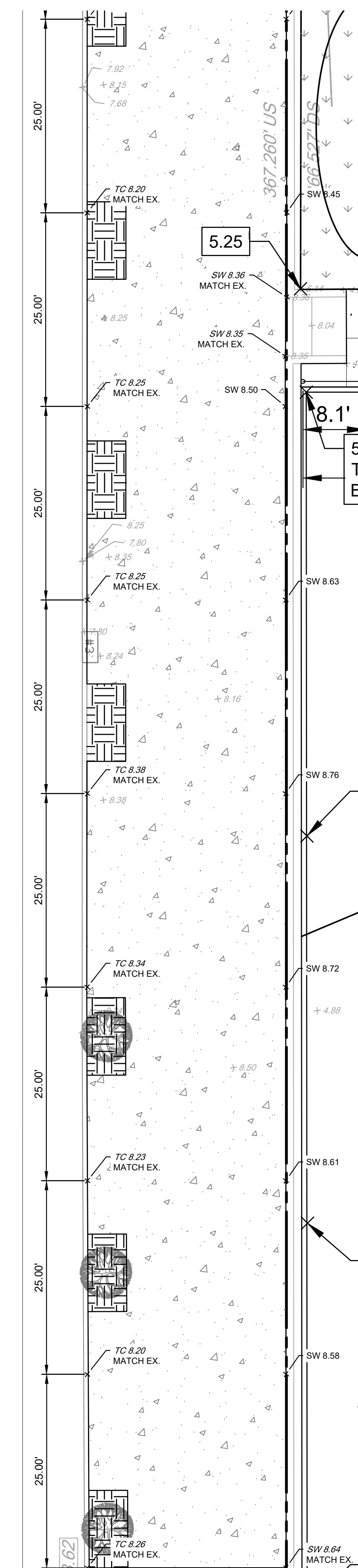
VP-5: THIRD STREET - GRADING DETAIL PLAN

SCALE: 1" = 10'-0"



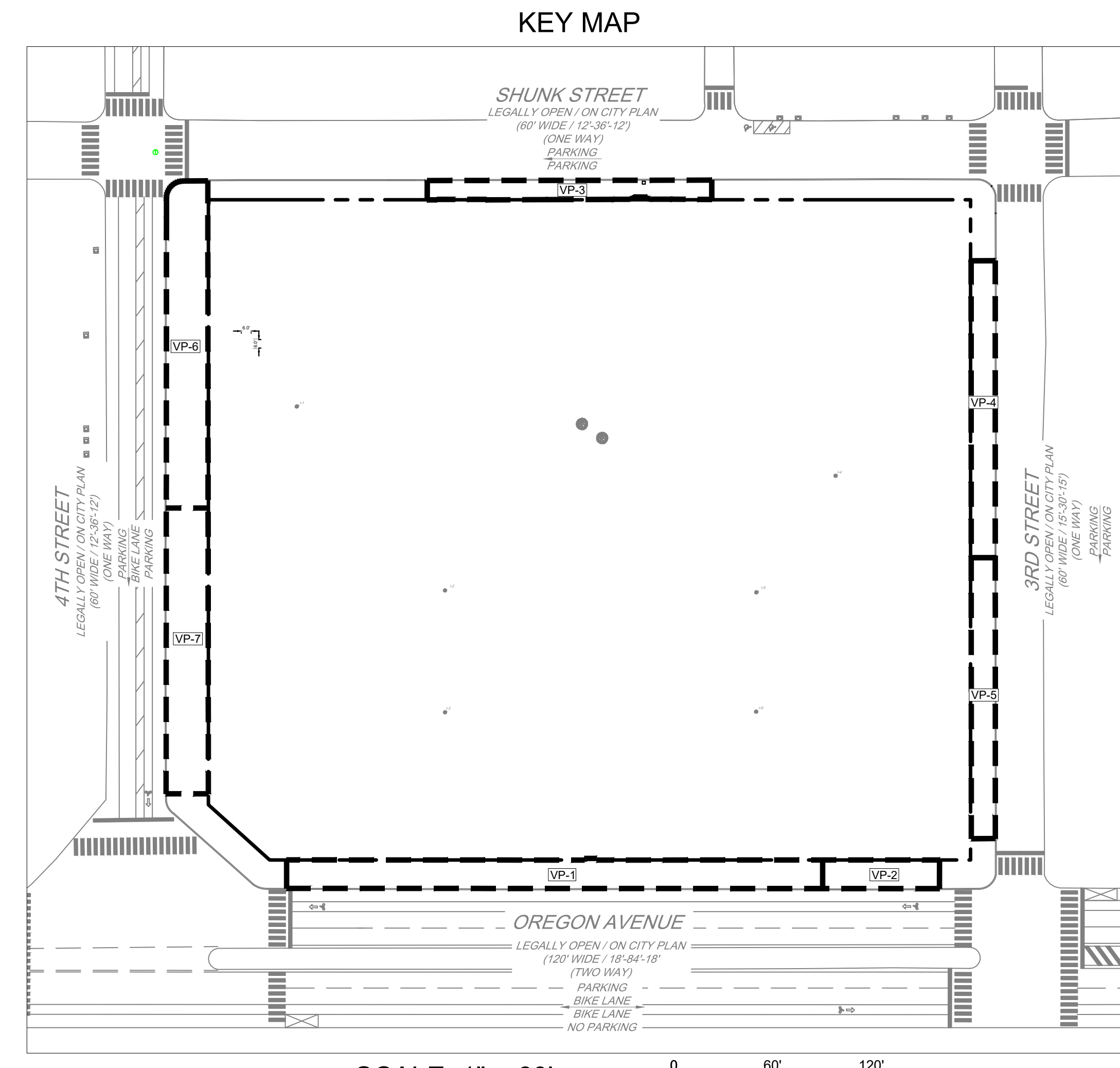
VP-6: FOURTH STREET - GRADING DETAIL PLAN

SCALE: 1" = 10'-0"



VP-7: FOURTH STREET - GRADING DETAIL PLAN (CONTINUED)

SCALE: 1" = 10'-0"



SCALE: 1" = 60'

LEGEND:

EXISTING	PROPOSED
STORM SEWER MANHOLE	PROPOSED SYNTHETIC TURF FIELD (SUBSURFACE INFILTRATION)
WATER MANHOLE	PROPOSED CONCRETE
WATER SHUT OFF	PROPOSED LAWN GRASS
TRAFFIC LIGHTS	PROPOSED EARTHEN FILL
CATCH BASIN/GRATE INLET	PROPOSED PERFORATED HDPE UNDERDRAIN
LIGHT STANDARD	PROPOSED 12" HDPE COLLECTOR PIPE
UTILITY POLE	PROPOSED STORAGE SHED
SIGN POST	LIMIT OF EARTH DISTURBANCE
ASPHALT	PROPOSED FLOW ARROW
RUBBER PAVING	PROPOSED CONTOUR
TREE	PROPOSED SPOT ELEVATION
CITY PLAN ELEVATION	PROPOSED TREE (TREE CREDIT DISCONNECTION)
BUILDING DIMENSION	
HYDRANT	
PROPERTY LINES	
BOLLARD	
METAL POLE	
EXISTING WATER SERVICE	
EXISTING SANITARY SEWER	
EXISTING TELECOMMUNICATION S	

ISSUE FOR BID
PWD TRACKING #: PY21-MGRP-8508-01
NPDES PERMIT #: PAC510297

CALL BEFORE YOU DIG
 BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
 CALL 1-800-242-1776
 ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
 SERIAL NUMBER(S): 2022210621

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR
 DISCREPANCIES BEFORE PROCEEDING WITH WORK

MURPHY RECREATION CENTER
 300 WEST SHUNK STREET
 PHILADELPHIA, PENNSYLVANIA 19148

SIDEWALK GRADING PLAN

CITY OF PHILADELPHIA
 1401 JOHN F. KENNEDY BOULEVARD
 PHILADELPHIA, PA 19102

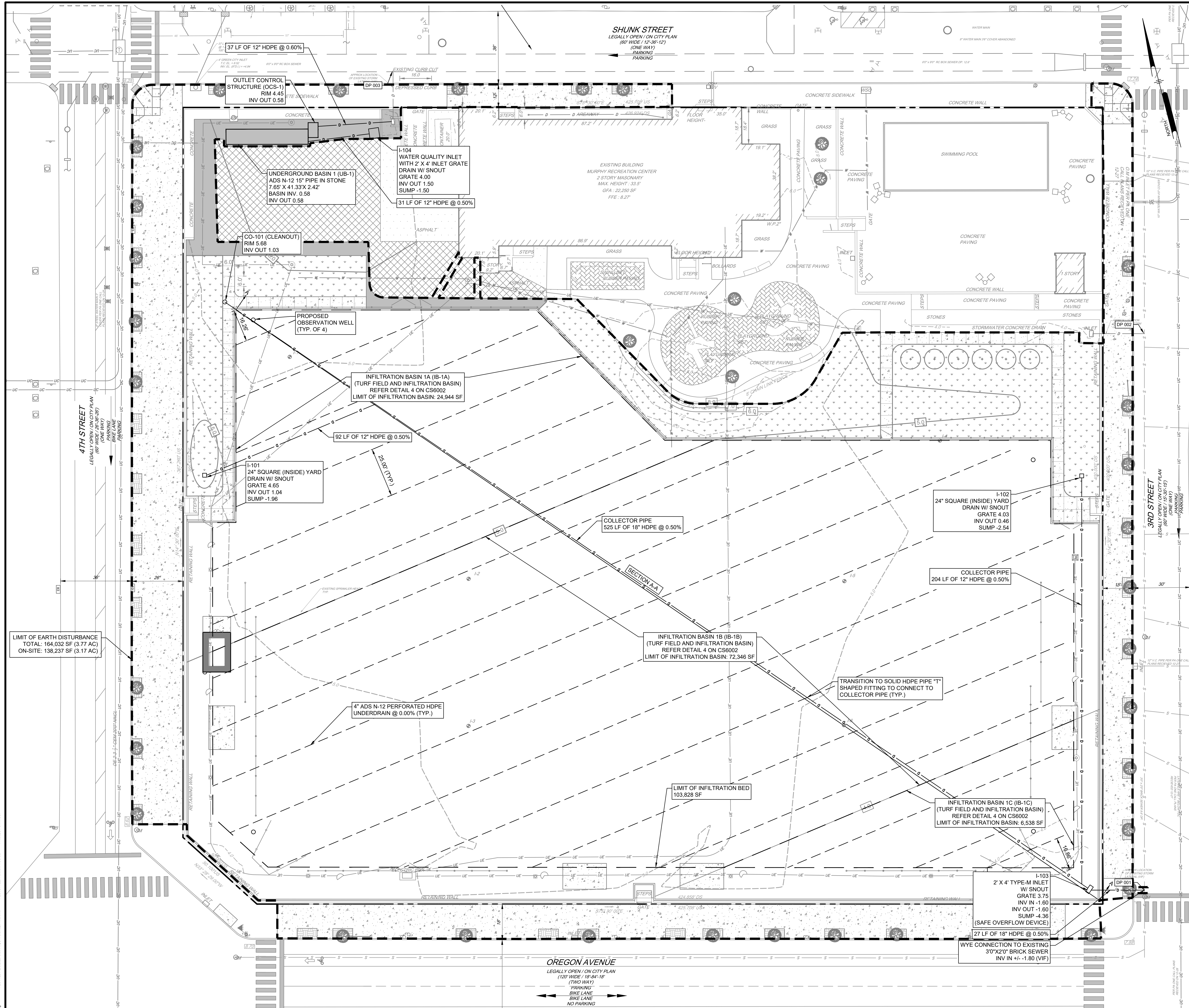
NO.	DATE	REVISIONS
1	02/24/2023	5
2	07/18/2023	4
3	12/18/2022	3
4	11/17/2022	2
5	8/12/2022	1

NO.	DATE	REVISIONS
1	02/24/2023	5
2	07/18/2023	4
3	12/18/2022	3
4	11/17/2022	2
5	8/12/2022	1

PROJECT: KMLX20001
 DATE: 5/30/2022
 DRAWING SCALE: AS SHOWN
 DRAWN BY: SDS
 APPROVED BY: MUM

CS1502

SHEET 7 OF 22



- GENERAL NOTES:**
1. IN ACCORDANCE WITH PA ACT 287 (1974), AS AMENDED, THE CONTRACTOR SHALL NOTIFY ALL UTILITIES WITHIN THE WORK AREA VIA PENNSYLVANIA ONE CALL SYSTEM, INC. (800) 242-1776 A MINIMUM OF 3 WORKING DAYS BEFORE THE START OF EXCAVATION.
2. THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND DEPTHS OF ALL EXISTING UTILITIES AND STRUCTURES BEFORE THE START OF WORK AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE PROTECTION FOR THESE UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES AND STRUCTURES.
3. THE LOCATION OF THE EXISTING OVERHEAD UTILITIES SHOWN ON THIS PLAN HAVE BEEN TAKEN FROM FIELD OBSERVATION.
4. THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBANCE TO CURBING, PAVING, AND COMPACTED SUB-GRADE.
5. A COPY OF THE EMERGENCY OPERATIONS PLAN WILL BE PROVIDED TO THE MUNICIPALITY BEFORE A CLEAR CERTIFICATE OF OCCUPANCY IS OBTAINED.
6. THE MINIMUM DISTANCE BETWEEN THE PLACEMENT OF TREES, LIGHT POLES, ETC. AND UTILITY SERVICE LINES SHALL BE 17'.
7. ALL PROPOSED UTILITIES ARE TO BE INSTALLED UNDERGROUND.
8. IF CONFLICTS ARE FOUND THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND DESIGN ENGINEER FOR INSTRUCTION BEFORE PROCEEDING WITH WORK.
9. THE CONTRACTOR IS CAUTIONED TO PROTECT ANY STRUCTURES IMMEDIATELY ADJACENT TO HIS EXCAVATION AREAS. ANY DAMAGE TO STRUCTURES SHALL BE REPAIRED BY CONTRACTOR AT HIS OWN RISK AND EXPENSE.
10. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 12" CLEARANCE BETWEEN PROPOSED AND EXISTING UNDERGROUND UTILITIES AND STRUCTURES. CONTRACTOR TO NOTIFY CONSTRUCTION MANAGER (ENGINEER) IMMEDIATELY AFTER UNCOVERING EXISTING UTILITIES IF CLEARANCE CANNOT BE ACHIEVED. NO CHANGES ARE TO BE MADE WITHOUT THE CONSTRUCTION MANAGER'S (ENGINEER'S) APPROVAL.
11. THE LOCATIONS AND ELEVATIONS OF THE EXISTING UTILITIES ARE APPROXIMATE. THE ELEVATIONS OF THE EXISTING UTILITIES AT THE TERMINATING CONNECTION POINTS TO THE PROPOSED UTILITIES AND AT PROPOSED UTILITY CROSSINGS PRIOR TO FIELD CHECKS PRIOR TO CONSTRUCTING THE NEW UTILITIES.
12. THE THICKNESS OF THE ARCHES AND THE CHARACTER AND THE EXTENT OF THE CRADLES OF THE EXISTING SEWERS ARE UNKNOWN.
13. SEAL OPEN ENDS OF SANITARY SEWER WITH VITRIFIED PIPE STOPPERS AND OPEN ENDS OF STORMWATER CONDUITS WITH BRICK BULKHEADS.
14. REMOVE EXISTING PIPE STOPPERS AND BRICK BULKHEADS PRIOR TO CONNECTING TO EXISTING SEWERS OR STORMWATER CONDUITS.
15. WATER MAINS SHALL BE DUCTILE IRON PIPE. ALL WATER MAINS AND APPURTENANCES SHALL MEET THE REQUIREMENTS OF THE CITY OF PHILADELPHIA WATER DEPARTMENT STANDARD SPECIFICATIONS AND THE PHILADELPHIA PLUMBING CODE. ALL FIRE HYDRANT LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE PHILADELPHIA FIRE DEPARTMENT. ALL WATER MAINS SHALL BE POLYETHYLENE COATED AND ALL FITTINGS SHALL BE TAPED AND COATED WITH BITUMASTIC.
16. WATER MAINS SHALL BE INSTALLED AT 4'-0" MINIMUM COVER UNLESS OTHERWISE INDICATED.
17. CONNECTIONS TO EXISTING SEWERS SHALL BE MADE PER PHILADELPHIA WATER DEPARTMENT REQUIREMENTS AND APPROVALS, AND USING APPROVED MATERIALS. APPROVED DIELECTRIC COULINGS SHALL BE USED BETWEEN DISSIMILAR MATERIALS.
18. CLEANOUTS SHALL BE PER PHILADELPHIA WATER DEPARTMENT STANDARD SPECIFICATIONS AND THE PHILADELPHIA PLUMBING CODE.
19. EXTERIOR STORM AND SANITARY SEWER BUILDING LATERALS LOCATED WITHIN 10' OF BUILDINGS TO BE DUCTILE IRON PIPE INSTALLED IN ACCORDANCE WITH THE PHILADELPHIA PLUMBING CODE.
20. STORM SEWERS SHALL BE DUCTILE IRON PIPE (DIP) WITH MECHANICAL WATER TIGHT JOINTS OR REINFORCED CONCRETE PIPE (RCP) WITH O-RING GASKETED JOINTS UNLESS OTHERWISE NOTED. ALL PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE PHILADELPHIA WATER DEPARTMENT STANDARD SPECIFICATIONS.
21. THE CONTRACTOR SHALL PROVIDE O-RING GASKETED JOINTS, CLASS 3 OR CLASS 4 ON ALL STORMWATER RCP JOINTS.
22. ON SITE STORM SEWERS SHALL BE CONNECTED WITH WYE PIPE FITTINGS. CONNECTIONS SHALL NOT BE MADE FROM MANHOLE TO MANHOLE, INLET TO INLET, INLET TO MANHOLE, AND MANHOLE TO INLET.
23. IF UTILITY CONFLICTS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE CONSTRUCTION MANAGER (ENGINEER) AND ARRANGE WITH THE UTILITY OWNER FOR THE RELOCATION OF THE NECESSARY UTILITIES AT NO COST TO THE OWNER OR THE ENGINEER.
24. MANHOLE RIM AND GRATE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL ADJUST RIMS TO MATCH FINAL GRADE ADJACENT TO SAME.
25. CLEANOUT CAPS, GRATES, VALVE BOXES, ETC. SHALL HAVE BLACK FINISH TOPS.
26. IF CONFLICTS EXIST BETWEEN SEWER PROFILES AND THOSE SHOWN ON UTILITY PLANS, CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER (ENGINEER) IMMEDIATELY.
27. CONTRACTOR IS RESPONSIBLE FOR SUPPORT OF ALL EXCAVATIONS AND OF EXISTING UTILITIES WITHIN THE EXCAVATIONS PER OSHA REQUIREMENTS, STATE AND LOCAL CODES, UTILITY COMPANY REQUIREMENTS, ACCEPTED INDUSTRY STANDARDS OR SPECIFIED REQUIREMENTS, WHICHEVER IS MOST STRINGENT.
28. UTILITY TRENCHES TO BE BACKFILLED WITH CLEAN STRUCTURAL FILL MATERIAL, APPROVED BY AND UNDER THE SUPERVISION OF THE GEOTECHNICAL ENGINEER.
29. CONTRACTOR TO CONFIRM GRATE, RIM, AND JUNCTION BOX ELEVATIONS OF UTILITIES. ADJUST PER PROPOSED GRADE AS NECESSARY.
30. CONTRACTOR SHALL CONFIRM SIZE AND MATERIAL OF PROPOSED UTILITY SERVICES AND LOCATION OF APPROVED SERVICE CONNECTIONS WITH MECP. CONNECTIONS BETWEEN BUILDING LATERALS AND BUILDING UTILITY SERVICES TO BE COORDINATED WITH THE MECP. CONTRACTOR SHALL ALSO COORDINATE THE LOCATION OF ANY APPROVED UTILITY CONNECTIONS WITH MECP. ALL UTILITIES TO BE MADE IN ACCORDANCE WITH MECP.
31. CONTRACTOR TO CONSTRUCT MANHOLE AND INLET STRUCTURES IN ACCORDANCE WITH LATEST EDITION OF PHILADELPHIA WATER DEPARTMENT, PHILADELPHIA WATER DEPARTMENT, AND PENNDOT PUBLICATION 72M STANDARDS FOR ROADWAY CONSTRUCTION.
32. CONTRACTOR SHALL CONFIRM THE LOCATION, SIZE, AND INVERTS OF EXISTING STORM AND SANITARY SEWER AT PROPOSED TIE-INS AND NOTIFY THE ENGINEER IF CONDITIONS VARY.
33. SANITARY SEWER CONSTRUCTION MUST CONFORM TO PHILADELPHIA WATER DEPARTMENT SEWER REGULATIONS, STANDARDS, AND SPECIFICATIONS.
34. LOW PRESSURE TESTING REQUIRED FOR SANITARY SEWER SYSTEMS. THIS TEST, AT A MINIMUM, MUST MEET ALL REQUIREMENTS AS OUTLINED IN ASTM C928-80 OR CURRENT REVISION.
35. STORM DRAINAGE PIPES SHALL BE Laid ON SMOOTH CONTINUOUS GRADES WITH NO VISIBLE BENDS AT JOINTS.
36. UTILITY CONNECTION AND UTILITY COMPANY DETAILS FOR RECONNECTION AND NEW SERVICE WERE NOT PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR MUST OBTAIN ANY UTILITY DETAILS FOR RECONNECTION OF EXISTING SERVICES OR NEW SERVICE AND IS RESPONSIBLE FOR THE CONSTRUCTION OF EACH NEW SERVICE PER THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS.
37. ALL PIPE LENGTHS AND DISTANCES BETWEEN STRUCTURES ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE ALONG A HORIZONTAL PLANE.
38. CONTRACTOR SHALL EXCAVATE ONLY ENOUGH TRENCH FOR WHICH PIPE CAN BE INSTALLED AND TRENCH BACKFILLED BY THE END OF EACH WORK DAY.
39. EXISTING UTILITY LATERALS FOR THE PREVIOUS USE ARE NOT TO BE REUSED UNLESS NOTED ON THE PLANS.
40. RUNOFF FROM IMPERVIOUS AREAS SHALL NOT BE DIRECTED INTO THE SANITARY SEWER NOR ON TO ADJACENT PROPERTIES.
41. WATER MAINS SHALL BE DUCTILE IRON PIPE. ALL WATER MAINS AND APPURTENANCES SHALL MEET THE REQUIREMENTS OF THE CITY OF PHILADELPHIA WATER DEPARTMENT STANDARD SPECIFICATIONS. WATER MAINS ARE TO BE INSTALLED AT 4'-0" MINIMUM COVER UNLESS OTHERWISE INDICATED.
42. CONTRACTOR SHALL MAINTAIN A MINIMUM 12" CLEARANCE BETWEEN EXISTING WATER MAIN AND COORDINATE SERVICE CONNECTIONS WITH THE PHILADELPHIA WATER DEPARTMENT.
43. WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE PHILADELPHIA WATER DEPARTMENT STANDARDS AND SPECIFICATIONS. CONTACT THE PHILADELPHIA WATER DEPARTMENT BEFORE TAPPING EXISTING WATER MAIN. WATER LINE SHALL HAVE BEDDING CONSISTENT WITH THE PHILADELPHIA WATER DEPARTMENT'S REQUIREMENTS AND SPECIFICATIONS.
44. DOMESTIC AND FIRE WATER METERING AND BACKFLOW PREVENTION DEVICES ARE TO BE INSTALLED WITHIN THE BUILDING AND APPROVED BY THE CITY OF PHILADELPHIA WATER DEPARTMENT.
45. FINAL LOCATIONS OF HOSE BIBBS AND ROUTING OF SERVICE PIPING SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD AND IN ACCORDANCE WITH THE MECP PLANS.
46. ELECTRICAL TRANSFORMERS, PAD SIZES, AND LOCATIONS TO BE COORDINATED WITH THE UTILITY COMPANY, OWNER/DEVELOPER, AND ARCHITECT.

LEGEND

	STORM SEWER MANHOLE		PROPOSED SYNTHETIC TURF FIELD (SUBSURFACE INFILTRATION)
	WATER MANHOLE		PROPOSED CONCRETE
	WATER SHUT OFF		PROPOSED LAWN GRASS
	TRAFFIC LIGHTS		PROPOSED STORAGE SHED
	CATCH BASIN/GRATE INLET		PROPOSED MILL & OVERLAY
	LIGHT STANDARD		PROPOSED ASPHALT
	UTILITY POLE		LIMIT OF EARTH DISTURBANCE
	SIGN POST		PROPOSED CONTOUR
	ASPHALT		PROPOSED TREE
	RUBBER PAVING		PROPOSED PERFORATED HDPE UNDERDRAIN
	TREE		PROPOSED STORM SEWER
	CITY PLAN ELEVATION		PROPOSED INLET
	BUILDING DIMENSION		
	HYDRANT		
	PROPERTY LINES		
	BOLLARD		
	METAL POLE		
	EXISTING WATER SERVICE		
	EXISTING SANITARY SEWER		
	EXISTING TELECOMMUNICATION SERVICE		

REVISIONS

NO.	DATE	DESCRIPTION
1	8/12/2022	100% DESIGN DEVELOPMENT
2	11/11/2022	PCSM/PAWPP'S SUBMISSION
3	12/16/2022	90% CONSTRUCTION DOCUMENTS
4	01/16/2023	FINAL PCSM RESUBMISSION
5	02/24/2023	ISSUE FOR BID

PROJECT KLMX20001
DATE 5/30/2022
DRAWING SCALE 1"=20'
DRAWN BY SDS
APPROVED BY MUM

CS1701
 SHEET 8 OF 22

PENNONI ASSOCIATES INC.
 1900 Market Street, Suite 300
 Philadelphia, PA 19103
 T 215.222.3000 F 215.222.3588

PENNONI

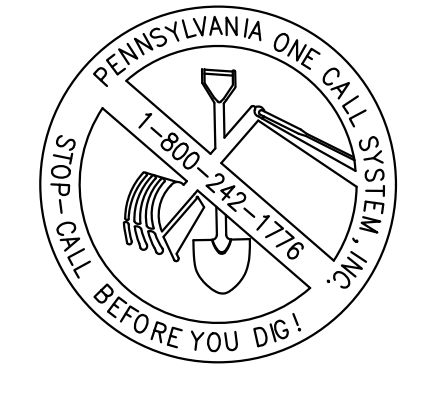
MURPHY RECREATION CENTER
 300 WEST SHUNK STREET
 PHILADELPHIA, PENNSYLVANIA 19148

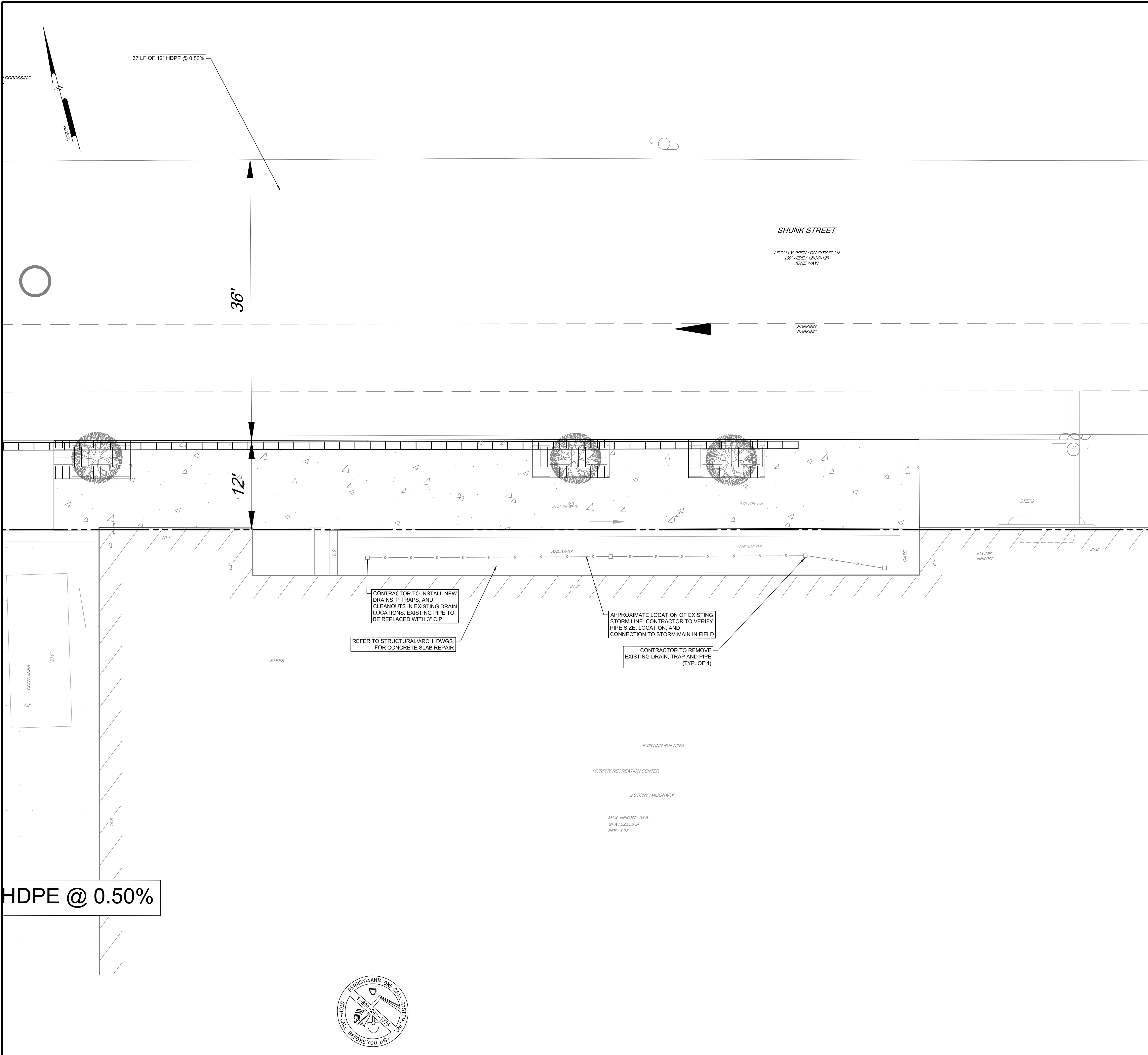
PCSM UTILITY PLAN

CITY OF PHILADELPHIA
 1401 JOHN F. KENNEDY BOULEVARD
 PHILADELPHIA, PA 19102

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

CALL BEFORE YOU DIG
 BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
 CALL 1-800-242-1776
 PA ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE. DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC. SERIAL NUMBER(S): 20222610621





SITE OWNER:
CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

SITE ADDRESS:
300 WEST SHUNK STREET
PHILADELPHIA, PA 19148
OPA #: 781394500

SITE ENGINEER:
PENNONI ASSOCIATES INC.
1900 MARKET STREET SUITE 300
PHILADELPHIA, PA 19103

- UTILITY NOTES:**
- ALL STORM DRAINAGE PIPE SHALL BE LAID ON SMOOTH CONTINUOUS GRADES WITH NO VISIBLE BENDS AT JOINTS.
 - BEDDING REQUIREMENTS SPECIFIED IN THE CONSTRUCTION DOCUMENTS ARE TO BE CONSIDERED AS MINIMUMS FOR RELATIVELY DRY, STABLE EARTH CONDITIONS. ADDITIONAL BEDDING SHALL BE REQUIRED FOR ROCK TRENCHES AND MET AREAS. CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO PROVIDE SUCH ADDITIONAL BEDDING AS MAY BE REQUIRED TO PROPERLY CONSTRUCT THE WORK.
 - COMPACTION OF THE BACKFILL OF ALL TRENCHES SHALL BE COMPACTED TO THE DENSITY OF 95% OF THEORETICAL MAXIMUM DRY DENSITY (ASTM D698). BACKFILL MATERIAL SHALL BE FREE FROM ROOTS, STUMPS, OR OTHER FOREIGN DEBRIS AND SHALL BE PLACED IN LIFTS NOT TO EXCEED 6 INCHES IN COMPACTED FILL THICKNESS.
 - THE CONTRACTOR WILL INSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
 - EXISTING UTILITY LATERALS FOR THE PREVIOUS USE ARE NOT TO BE REUSED.
 - CONTRACTOR MUST APPLY FOR ALL UTILITY CONNECTION APPLICATIONS.
 - CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONNECTION FEES.
 - UTILITY CONNECTION AND UTILITY COMPANY DETAILS FOR RECONNECTION AND NEW SERVICE WERE NOT PROVIDED BY THE UTILITY COMPANIES. CONTRACTOR MUST OBTAIN ANY UTILITY DETAILS FOR RECONNECTION OF EXISTING SERVICES OR NEW SERVICE AND IS RESPONSIBLE FOR THE CONSTRUCTION OF EACH NEW SERVICE PER THE APPROPRIATE UTILITY COMPANY'S SPECIFICATIONS.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND TO TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION. THE ENGINEER HAS DILIGENTLY ATTEMPTED TO LOCATE AND INDICATE ALL EXISTING UTILITIES ON THESE PLANS. HOWEVER, THIS INFORMATION IS SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UTILITIES SHOWN OR NOT SHOWN. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES FOR EXACT LOCATION OF THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REPLACE ANY AND ALL DAMAGE MADE TO UTILITIES BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL COORDINATE LOCATION AND INSTALLATION OF ALL UNDERGROUND UTILITIES AND APPURTENANCES TO MINIMIZE DISTURBANCE TO CURBING, PAVING, AND COMPACTED SUBGRADE.
 - UTILITY COORDINATION SHALL BE INCLUDED IN THE PROJECT SCHEDULE AND IT IS THE EXPLICIT RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT THE PROJECT SCHEDULE INCLUDES THE NECESSARY RELOCATION. THE CONTRACTOR WILL NOT BE ADDITIONALLY PAID FOR THIS COORDINATION. THE CONTRACTOR SHOULD SEEK ASSISTANCE FROM ALL UTILITY COMPANIES TO LOCATE AND PROTECT THEIR FACILITIES.
 - FIRE HYDRANT AND WATER MAINS TO BE INSTALLED AND UNDER PRESSURE BEFORE ANY COMBUSTIBLE CONSTRUCTION IS STARTED.
 - CONTRACTOR SHALL EXCAVATE ONLY AS MUCH TRENCH WHICH PIPE CAN BE INSTALLED AND TRENCH BACKFILLED BY THE END OF EACH WORK DAY.
 - ALL WATER LINES SHALL BE INSTALLED IN ACCORDANCE WITH PWD STANDARDS AND SPECIFICATIONS. CONTACT THE PHILADELPHIA WATER DEPARTMENT BEFORE TAPPING EXISTING WATER MAIN. WATER LINE SHALL HAVE A BEDDING CONSISTENT WITH THE WATER COMPANY'S REQUIREMENTS AND SPECIFICATIONS.
 - ALL UNDERGROUND UTILITY TRENCHES SHALL BE BACKFILLED WITH SAFE CLEAN FILL.
 - ALL INLETS AND DRAINAGE STRUCTURES TO BE INSTALLED WITH TRAPS.
 - ALL TRENCHES SHALL BE PROPERLY SECURED AND BRACED.
 - ALL CIP PIPE LABELED ON THE PLAN SHALL BE CAST IRON SERVICE WEIGHT SOIL PIPE.
 - CONTRACTOR RESPONSIBLE FOR ALL STREET LIGHTING PECO SERVICE APPLICATIONS.
 - "P" PERMITS ARE REQUIRED FOR ALL EXISTING SERVICE CONNECTIONS TO BE ABANDONED. CONTACT L&I WATER PERMIT ISSUANCE UNIT AT 215-686-2577/78.
 - ANY PROPOSED PRIVATE WATER (DOMESTIC SERVICE AND FIRE) CONNECTIONS, STORM AND SEWER LATERALS CONNECTIONS MUST BE COORDINATED WITH THE PWD WATER TRANSPORT RECORDS. CONTACT MR. ERIC SMITH'S OFFICE AT 215-685-6270.
 - ALL EXISTING UTILITY COVERS, RIMS, CASTING AND INLET TOPS OR GRATES MUST BE ADJUSTED TO THE PROPOSED GRADE, UNLESS OTHERWISE INDICATED.
 - CONTACT STREET LIGHTING ENGINEER, KRISTEN DEL ROSSI, AT (215) 686-6517 TO COORDINATE LED LIGHT FIXTURE REPLACEMENT.
 - MAINTAIN AND PROTECT EXISTING INLETS & HYDRANTS. SHOULD THE EXISTING INLETS OR HYDRANTS BE IN ANY WAY DAMAGED DURING CONSTRUCTION, THESE SHOULD BE REPAIRED TO THE SATISFACTION OF THE PWD INSPECTOR OR REPLACED PER PWD STANDARDS.
 - CONTRACTOR TO PROVIDE TEMPORARY LIGHTING FOR ANY STREET LIGHTS THAT ARE TEMPORARILY REMOVED OR TAKEN OUT OF SERVICE DURING CONSTRUCTION.

LEGEND:

EXISTING	PROPOSED

Pennonni

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3688

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR DISCREPANCIES BEFORE PROCEEDING WITH WORK

MURPHY RECREATION CENTER
300 WEST SHUNK STREET
PHILADELPHIA, PENNSYLVANIA 19148

BUILDING AREAWAY UTILITY REPAIR PLAN

CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

NO.	DATE	BY	REVISIONS
1	02/24/2023	5	ISSUE FOR BID
2	07/18/2023	4	PWD PCSM RESUBMISSION
3	12/16/2022	3	90% CONSTRUCTION DOCUMENTS
4	11/17/2022	2	PCSMP/PPDES SUBMISSION
5	8/12/2022	1	100% DESIGN DEVELOPMENT

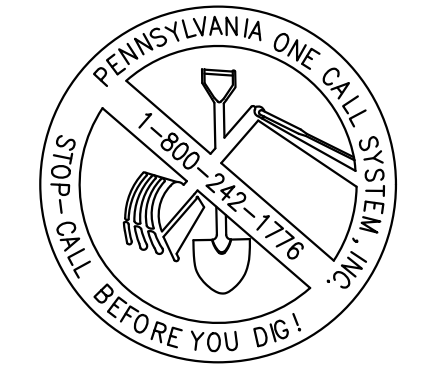
NO.	DATE	BY	REVISIONS
1	02/24/2023	5	ISSUE FOR BID
2	07/18/2023	4	PWD PCSM RESUBMISSION
3	12/16/2022	3	90% CONSTRUCTION DOCUMENTS
4	11/17/2022	2	PCSMP/PPDES SUBMISSION
5	8/12/2022	1	100% DESIGN DEVELOPMENT

PROJECT: KLMLX20001
DATE: 5/30/2022
DRAWING SCALE: 1"=20'
DRAWN BY: SDS
APPROVED BY: MUM

CS1702

SHEET 9 OF 22

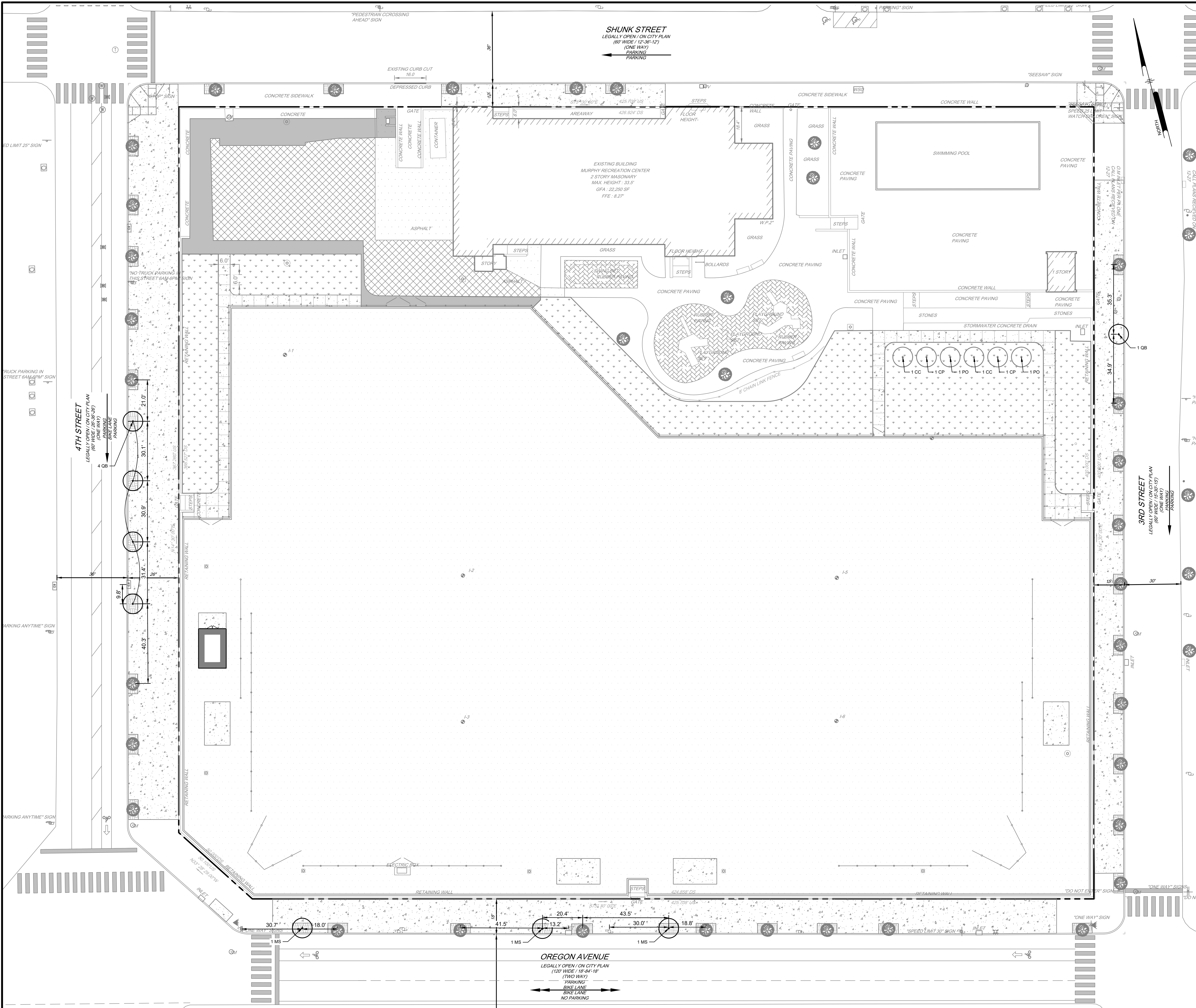
HDPE @ 0.50%



CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1776
PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
SERIAL NUMBER(S): 20223610621

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

PLOTTED: 20230313 11:49:07 AM EDT
 PROJECT ESTIMATOR: RUSTY BROWN/MSLBR
 PENNONI ASSOCIATES INC. 1900 MARKET STREET, SUITE 300, PHILADELPHIA, PA 19103
 T 215.222.3000 F 215.222.3688



GENERAL NOTES:

SITE ADDRESS:
300 WEST SHUNK STREET
PHILADELPHIA, PA 19148

OWNER:
CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

DEVELOPER:
REBUILD PHILADELPHIA
1515 ARCH STREET, MEZZANINE LEVEL
PHILADELPHIA, PA 19107

ENGINEER:
PENNONI ASSOCIATES INC.
1900 MARKET STREET, SUITE 300
PHILADELPHIA, PA 19103

- PLANTING NOTES**
1. ALL PLANT LOCATIONS SHALL BE STAKED IN THE FIELD AND LOCATIONS APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
 2. TOPSOIL WITH A QUALITY ORGANIC SOIL AMENDMENT SHALL BE USED FOR ALL PLANTING AND SEEDING OPERATIONS.
 3. NOTIFY ALL UTILITY COMPANIES AND LOCATE ALL UTILITIES PRIOR TO EXCAVATING PLANT PITS. PLANT LOCATIONS MAY BE ADJUSTED IN THE FIELD TO AVOID INTERFERENCE WITH UNDERGROUND UTILITIES.
 4. SHOULD ANY DISCREPANCY ARISE BETWEEN THE PLANTING PLAN AND THE PLANTING SCHEDULE, THE PLAN SHALL GOVERN AS TO THE QUANTITY OF PLANT MATERIAL.
 5. ALL PLANT MATERIAL SHALL BE OF NURSERY STOCK QUALITY AS DEFINED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. ALL PLANT MATERIAL SHALL BE GUARANTEED TO LIVE AT LEAST 18 MONTHS FOLLOWING INSTALLATION.
 6. ALL NON-BIODEGRADABLE ROOT WRAPPING TO BE REMOVED COMPLETELY BEFORE PLANTING.
 7. ALL SHADE TREES TO BE PRUNED OF SIDE BRANCHES TO A HEIGHT OF 6' ABOVE GRADE EXCEPT WHERE NOTED IN PLANT SCHEDULE.
 8. ALL PLANT MATERIAL SHALL BE APPROVED UPON ARRIVAL TO THE SITE, UNLESS OTHERWISE NOTIFIED.
 9. PROPOSED PLANT MATERIAL MAY BE SUBSTITUTED BY SIMILAR PLANTS PRIOR TO INSTALLATION, SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT AND MUNICIPAL LANDSCAPE ARCHITECT.
 10. DISTURBANCE OF EXISTING VEGETATION SHALL BE LIMITED TO WORK AREA. CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND SEEDING ALL DISTURBED AREAS.
 11. ALL PLANTS SPACED 7' O.C. OR CLOSER SHALL BE IN CONTINUOUS MULCHED BEDS.
 12. SEED ALL DISTURBED AREAS WITH REQUIRED SEED MIX (SEEDING MIX SCHEDULE & SEEDING NOTES).
 13. PLANTING SHALL BE DONE APRIL 15TH THRU MAY 31ST OR AUGUST 17TH THRU OCTOBER 15TH.

- SODDING NOTES**
1. SOD ALL AREAS DISTURBED BY CONSTRUCTION NOT OTHERWISE CONTAINING PLANTING BEDS, SIDEWALKS, BUILDINGS, PARKING LOT, ETC.
 2. TURFGRASS SOD SHALL BE CERTIFIED FOR USE IN THE STATE OF PENNSYLVANIA. IT SHOULD BE AT LEAST 1 YEAR OLD, BUT NO MORE THAN 3 YEARS OLD. SOD SHALL BE FREE OF NOXIOUS AND SECONDARY WEEDS.
 3. SOD SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF 3/4 INCH, PLUS OR MINUS 1/4 INCH AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH.
 4. STANDARD SIZE SECTIONS OF SOD SHALL BE STRONG ENOUGH TO SUPPORT THEIR OWN WEIGHT AND RETAIN THEIR SIZE AND SHAPE WHEN LIFTED FROM ONE END. ALL SOD SHALL BE UNIFORM, BROKEN, TORN OR UNEVEN SECTIONS WILL NOT BE ACCEPTABLE.
 5. SOD SHOULD BE HARVESTED, DELIVERED AND INSTALLED WITHIN A PERIOD OF 36 HOURS. SOD NOT TRANSPORTED WITHIN THIS PERIOD SHALL BE INSPECTED AND APPROVED PRIOR TO ITS INSTALLATION.
 6. SOD SHALL BE KEPT MOIST AND COVERED DURING TRANSPORT AND PREPARATION.
 7. THE PREFERRED PLANTING PERIOD FOR SOD IS EARLY FALL (SEPTEMBER) FOLLOWED BY THE PERIOD BETWEEN FEBRUARY 15 AND APRIL 30. SOD CAN BE LAID BETWEEN MAY 1 AND AUGUST 30 WITH FREQUENT SUPPLEMENTAL WATERING. WHEN PLANTED AFTER OCTOBER 1, FROST-HEAVING CAN BE A PROBLEM IF SUFFICIENT ROOTING HAS NOT TAKEN PLACE.
 8. BEFORE LAYING SOD, THE SURFACE SHALL BE UNIFORMLY GRADED AND CLEARED OF ALL ROOTS, BRUSH, TRASH AND DEBRIS. STONES AND CLODS LARGER THAN 2 INCHES SHALL ALSO BE REMOVED.
 9. SURFACES THAT HAVE BECOME HARD PACKED SHALL BE SCARIFIED PRIOR TO LAYING SOD.
 10. BEFORE SODDING, CONTRACTOR SHALL PROVIDE SOIL TESTS, AND APPLICATIONS OF FERTILIZER AND/OR GROUND LIMESTONE SHALL BE MADE PER SOIL TEST RECOMMENDATIONS.
 11. APPLY FERTILIZER AND/OR LIMESTONE UNIFORMLY AND INCORPORATE INTO TOPSOIL TO A DEPTH OF 4 - 6"
 12. APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TO 2 TONS PER ACRE AND APPLY 10-10-10 FERTILIZER SHALL BE APPLIED AT A RATE OF 1,000 LBS. PER ACRE, OR AS DETERMINED BY SOIL TESTING.
 13. DURING PERIODS OF EXCESSIVELY HIGH TEMPERATURE, THE SOIL SHALL BE LIGHTLY IRRIGATED IMMEDIATELY PRIOR TO LAYING THE SOD.
 14. THE FIRST ROW OF SOD SHALL BE LAID IN A STRAIGHT LINE WITH SUBSEQUENT ROWS PLACED PARALLEL TO AND TIGHTLY WEDGED AGAINST EACH OTHER. LATERAL JOINTS SHALL BE STAGGERED IN A BRICK-LIKE PATTERN. INSURE THAT SOD IS NOT STRETCHED OR OVERLAPPED AND THAT ALL JOINTS ARE BUTTED TIGHT IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.
 15. THE SOD INDUSTRY GENERALLY RECOMMENDS THAT ON SLOPING AREAS WHERE EROSION MIGHT BE A PROBLEM, SOD SHOULD BE LAID WITH THE LONG EDGES PARALLEL TO THE CONTOUR, WITH STAGGERED JOINTS AND SECURED WITH PEGS OR STAPLES. HOWEVER, ON LONG SLOPE LENGTHS, THIS COULD MAKE THE INSTALLATION PRONE TO SLUMP FAILURE. A WELL PEGGED VERTICAL INSTALLATION MAY BE PREFERABLE UNDER THESE CONDITIONS WITH PRIOR APPROVAL. IF POSSIBLE, DIVERT RUNOFF AWAY FROM THE SLOPE UNTIL ROOT ESTABLISHMENT.
 16. AS SODDING IS COMPLETED IN ANYONE SECTION, THE ENTIRE AREA SHALL BE ROLLED OR TAMPED TO INSURE SOLID CONTACT OF ROOTS WITH THE SOIL SURFACE. SOD SHALL BE WATERED IMMEDIATELY AFTER ROLLING OR TAMPING UNTIL THE UNDERSIDE OF THE NEW SOD AND SOIL SURFACE BELOW THE SOD ARE THOROUGHLY WET. THE OPERATIONS OF LAYING, TAMPING AND IRRIGATING FOR ANY PIECE OF SOD SHALL BE COMPLETED WITHIN EIGHT HOURS.
 17. IN THE ABSENCE OF ADEQUATE RAINFALL, WATERING SHALL BE PERFORMED DAILY OR AS OFTEN AS NECESSARY DURING THE FIRST WEEK AND IN SUFFICIENT QUANTITIES TO MAINTAIN MOIST SOIL TO A DEPTH OF 4 INCHES.
 18. AFTER THE FIRST WEEK, SOD SHALL BE WATERED AS NECESSARY TO MAINTAIN ADEQUATE MOISTURE AND INSURE ESTABLISHMENT. NEVER ALLOW SOD TO DRY OUT COMPLETELY.
 19. THE FIRST MOWING SHOULD NOT BE ATTEMPTED UNTIL SOD IS FIRMLY ROOTED. NO MORE THAN 1/3 OF THE GRASS LEAF SHALL BE REMOVED BY THE INITIAL CUTTING OR SUBSEQUENT CUTTINGS. GRASS HEIGHT SHALL BE MAINTAINED BETWEEN 2 AND 3 INCHES UNLESS OTHERWISE SPECIFIED.

LEGEND

	WATER SHUT OFF		PROPOSED SYNTHETIC TURF FIELD (SUBSURFACE INFILTRATION)
	TRAFFIC LIGHTS		PROPOSED CONCRETE
	CATCH BASIN/GRATE INLET		PROPOSED MILL & OVERLAY
	LIGHT STANDARD		PROPOSED POROUS ASPHALT
	UTILITY POLE		PROPOSED LAWN GRASS
	SIGN POST		PROPOSED EARTHEN FILL
	ASPHALT		PROPOSED STORAGE SHED
	RUBBER PAVING		PROPOSED FENCE
	TREE		PROPOSED TREE
	CITY PLAN ELEVATION		
	BUILDING DIMENSION		
	HYDRANT		
	PROPERTY LINES		
	BOLLARD		
	METAL POLE		
	EXISTING WATER SERVICE		
	EXISTING SANITARY SEWER		
	EXISTING TELECOMMUNICATION SERVICE		

ISSUE FOR BID
PWD TRACKING #: FY21-MURP-6508-01
NPDES PERMIT #: PAC510297

CALL BEFORE YOU DIG
BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA
CALL 1-800-242-1776
PA. ACT 287 OF 1974 REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST PENNSYLVANIA ONE-CALL SYSTEM, INC.
SERIAL NUMBER(S): 202223610261

PLANT SCHEDULE

KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	INITIAL SIZE	ROOT	NOTES
QB	5	QUERCUS BICOLOR	SWAMP WHITE OAK	3" - 3 1/2" CAL.	B&B	LIMB UP 7'
MS	3	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE	3" - 3 1/2" CAL.	B&B	LIMB UP 7'
PO	2	PRUNUS 'OKAME'	OKAME CHERRY	3" - 3 1/2" CAL.	B&B	SPECIMEN
CP	2	CRATAEGUS PHAENOPYRUM F. INERMIS	WASHINGTON HAWTHORN	3" - 3 1/2" CAL.	B&B	SPECIMEN
CC	2	CERCIS CANADENSIS	EASTERN REDBUD	3" - 3 1/2" CAL.	B&B	SPECIMEN

Pennonni

MURPHY RECREATION CENTER
300 WEST SHUNK STREET
PHILADELPHIA, PENNSYLVANIA 19148

LANDSCAPE PLAN

CITY OF PHILADELPHIA
1401 JOHN F. KENNEDY BOULEVARD
PHILADELPHIA, PA 19102

PENNONI ASSOCIATES INC.
1900 Market Street, Suite 300
Philadelphia, PA 19103
T 215.222.3000 F 215.222.3688

NO.	DATE	REVISIONS
1	02/24/2023	5 ISSUE FOR BID
2	07/18/2023	4 PWD PDSM RESUBMISSION
3	12/16/2022	3 90% CONSTRUCTION DOCUMENTS
4	11/17/2022	2 PCS&PAPERS SUBMISSION
5	8/12/2022	1 100% DESIGN DEVELOPMENT

ALL DOCUMENTS PREPARED BY PENNONI ASSOCIATES ARE INSTRUMENTS OF SERVICE IN RESPECT OF THE PROJECT. THEY ARE NOT INTENDED OR REPRESENTED TO BE SEPARABLE FOR REUSE BY OWNER OR OTHERS ON THE EXTENSION OF THE PROJECT OR IN ANY OTHER PROJECT. ANY REUSE WITHOUT WRITTEN NOTIFICATION OR APPROVAL BY PENNONI ASSOCIATES FOR THE SPECIFIC PURPOSE EXTENDED WILL BE AT OWNERS SOLE RISK AND WITHOUT LIABILITY ON BEHALF OF PENNONI ASSOCIATES. OWNER AND OWNER SHALL INDEMNIFY AND HOLD HARMLESS PENNONI ASSOCIATES FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

PROJECT: KLMLX20001
DATE: 08/12/2022
DRAWING SCALE: 1"=20'
DRAWN BY: SDS
APPROVED BY: MUM

CS2001

SHEET 10 OF 22