

ADDENDUM ACKNOWLEDGMENT

ADDENDUM NO. 2
Bid Due Date: 7/13/23

Dated: 7/11/23

NOTICE

It is the sole responsibility of the bidder to ensure that it has received any and all Addenda and the Philadelphia Redevelopment Authority may in their sole discretion reject any bid for which all Addenda have not been executed and returned.

RFP FOR

Project No.: 16517E-03-02

Description: Pelbano Recreation Center

IS AMENDED AS FOLLOWS:

- 1. Addenda will be posted on phdcphila.org. Each Bidder shall ascertain prior to submitting a proposal that Bidder has received all Amendments issued, and shall acknowledge their receipt in their proposal submission.**
- 2. Remove the following drawings & attachments from the original bid documents and replace with the attached drawings & specification sections:**

L000, Cover Sheet

C200, Demolition Plan

C300, Grading Plan – Area 1

C301, Grading Plan – Area 2

C404, Erosion & Sediment Control Notes

Attachment B – 01 – Philadelphia Redevelopment Authority Insurance Requirements

Bidder must acknowledge receipt of Addenda in their proposal submission.

Bidder Signature / Date

PELBANO PLAYGROUND

8101 BUSTLETON AVENUE

OLIN

LANDSCAPE ARCHITECTURE / URBAN DESIGN / PLANNING
 ONE PENN CENTER
 1617 JOHN F. KENNEDY BOULEVARD, SUITE 1900
 PHILADELPHIA, PA 19103
 TEL 215.440.0030 / FAX 215.440.0041
 WWW.THEOLINSTUDIO.COM
 OLIN PARTNERSHIP, LTD.

Playground Design:
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 Philadelphia, PA 19143
 (215) 454-6780

Civil Engineering:
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 Philadelphia, PA 19103
 (267) 314-5385

MEP:
 Mark Ulrick
 30 N. 41ST SUITE 500
 Philadelphia, PA 19104
 (856) 320-8100

PELBANO PLAYGROUND

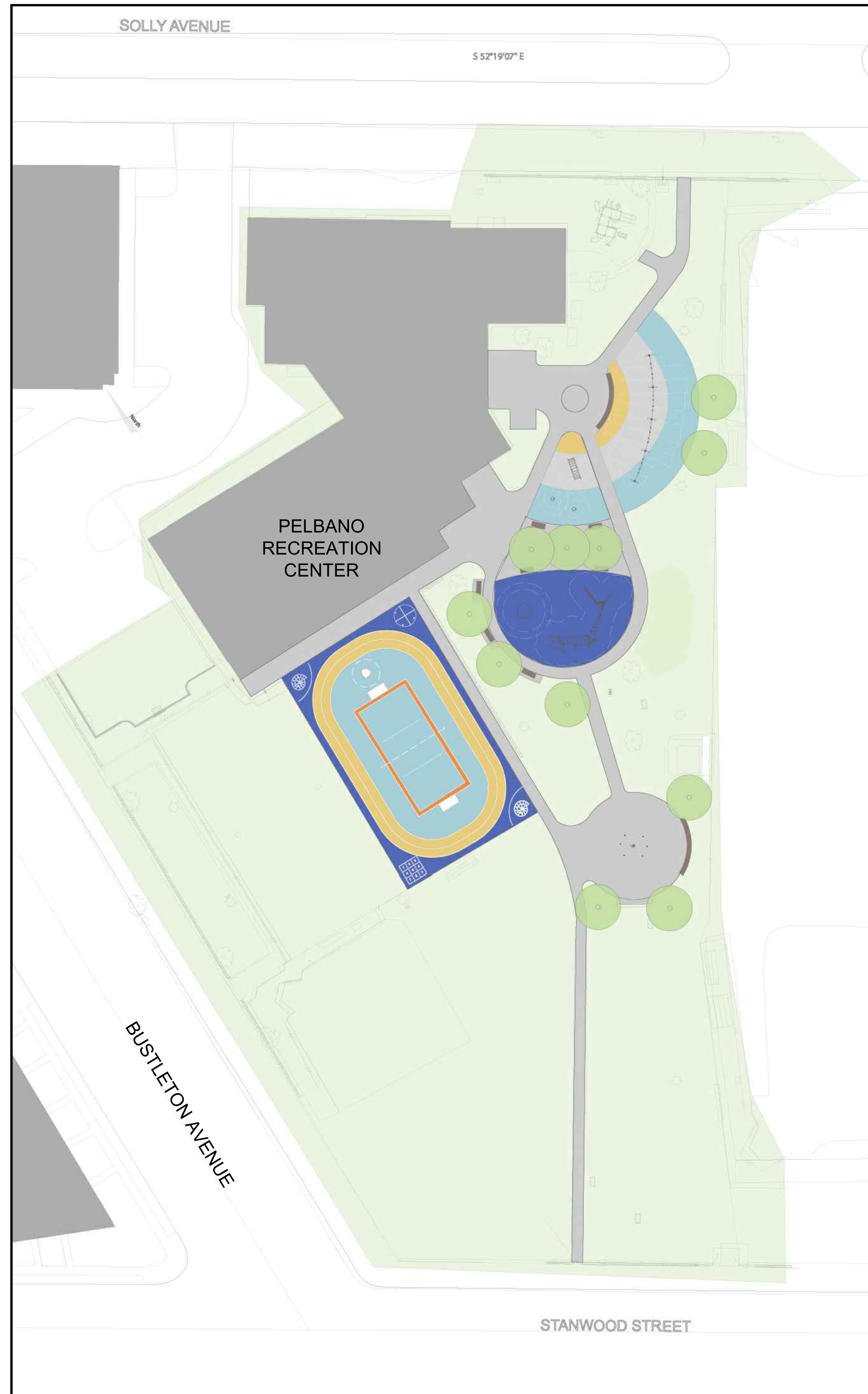
ADDENDUM #2 - 07/07/2023

CITY OF PHILADELPHIA
 PHILADELPHIA PARKS & RECREATION

MAYOR - JAMES F. KENNEY

MANAGING DIRECTOR - TUMAR ALEXANDER

COMMISSIONER - PHILADELPHIA PARKS AND RECREATION - KATHRYN OTT LOVELL



Sheet List Table		
Sheet Number	Sheet Title	Addendum #2
General		
L000	Cover Sheet	Revised
L020	Existing Conditions Plan	
Demolition		
C200	Demolition Plan	Revised
Grading		
C300	Grading Plan - Area 1	Revised
C301	Grading Plan - Area 2	Revised
Erosion Control		
C400	Erosion and Sediment Control Plan	
C401	Erosion and Sediment Control Details	
C402	Erosion and Sediment Control Notes	
C403	Erosion and Sediment Control Notes	
C404	Erosion and Sediment Control Notes	Revised
Site Plans		
L100	Site Plan	
L100	Site Plan	
L102	Site Plan - Area 2	
Layout Plans		
L200	Layout Key Plan	
L201	Layout Plan - Area 1	
L202	Layout Plan - Area 2	
Materials Plans		
L300	Materials Plan	
L350	Paving Plan	
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Soils Plans		
L500	Soils Plan	
L540	Soils Profiles	
Play Equipment Plans		
L600	Play Equipment Plan	
L601	Play Equipment Plan - Area 1	
L602	Play Equipment Plan - Area 2	
Site Sections		
L700	Site Sections	

Sheet List Table		
Sheet Number	Sheet Title	Addendum #2
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L840	Details - Site Furnishings	
L841	Details - Site Furnishings	
L842	Details - Site Furnishings	
L843	Details - Site Furnishings	
L844	Details - Site Furnishings	
L845	Details - Site Furnishings	
L846	Details - Site Furnishings	
L847	Details - Site Furnishings	
L848	Details - Site Furnishings	
L850	Details - Court Layout	
L870	Play Equipment Details	
L871	Play Equipment Details	
L872	Play Equipment Details	
Planting Plan		
L900	Planting Key Plan	
L960	Planting Details	
Plumbing Plan		
SP100	Plumbing Plan	

No.	Date	Description
1	10/12/2022	SD set
2	11/16/2022	SD set
3	2/21/2023	DD set
4	4/17/2023	75% CD set
5	5/31/2023	100% CD set
△	06/23/2023	Addendum #1
△	07/07/2023	Addendum #2

COVER SHEET

Scale: NA
 Date: 6/23/2023
 Drawn: KMP
 Checked: TS
 Project No.: 2224

L000

PELBANO PLAYGROUND

8101 BUSTLETON AVENUE

OLIN

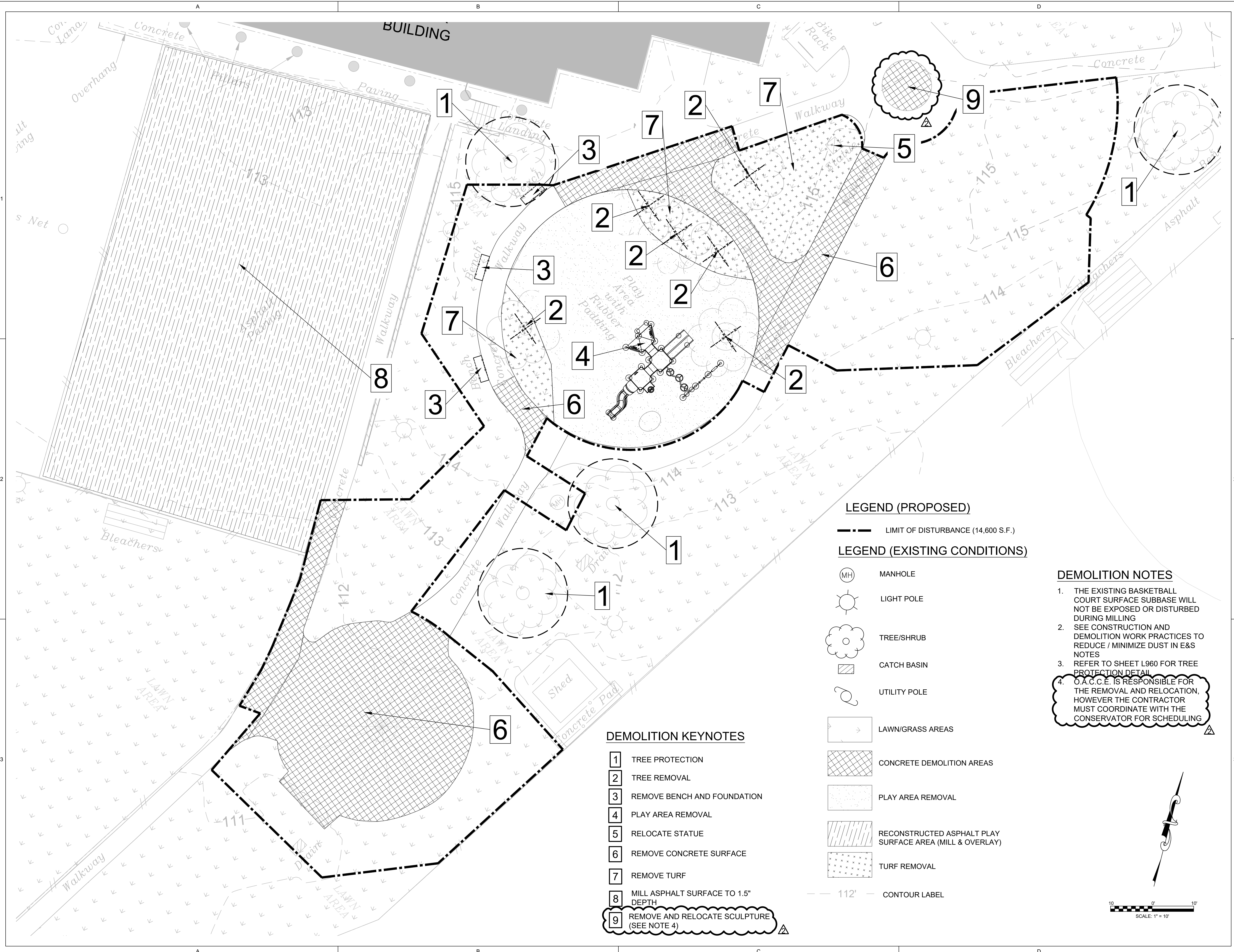
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S:\customers\2022\22-1103 Olin NTDCD Rebuild Pelbano Playground CAADD\dwg\ProductionPlans\22-1103-SHT-Demolition Plan.dwg: LoFrenz Hemphill 7/5/2023 1:41:38 PM



LEGEND (PROPOSED)

--- LIMIT OF DISTURBANCE (14,600 S.F.)

LEGEND (EXISTING CONDITIONS)

- (MH) MANHOLE
- ☀ LIGHT POLE
- ☁ TREE/SHRUB
- ▨ CATCH BASIN
- ⚡ UTILITY POLE

- ▭ LAWN/GRASS AREAS
- ▨ CONCRETE DEMOLITION AREAS
- ▭ PLAY AREA REMOVAL
- ▨ RECONSTRUCTED ASPHALT PLAY SURFACE AREA (MILL & OVERLAY)
- ▭ TURF REMOVAL

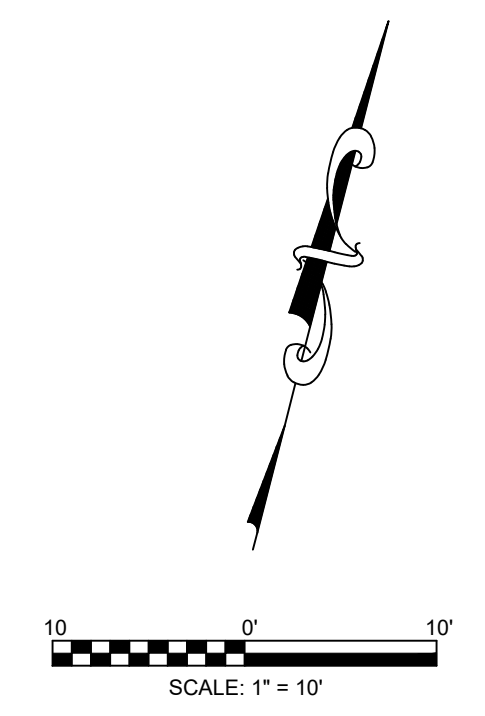
--- 112' --- CONTOUR LABEL

DEMOLITION NOTES

1. THE EXISTING BASKETBALL COURT SURFACE SUBBASE WILL NOT BE EXPOSED OR DISTURBED DURING MILLING
2. SEE CONSTRUCTION AND DEMOLITION WORK PRACTICES TO REDUCE / MINIMIZE DUST IN E&S NOTES
3. REFER TO SHEET L960 FOR TREE PROTECTION DETAIL
4. O.A.C.C.E. IS RESPONSIBLE FOR THE REMOVAL AND RELOCATION, HOWEVER THE CONTRACTOR MUST COORDINATE WITH THE CONSERVATOR FOR SCHEDULING

DEMOLITION KEYNOTES

- 1 TREE PROTECTION
- 2 TREE REMOVAL
- 3 REMOVE BENCH AND FOUNDATION
- 4 PLAY AREA REMOVAL
- 5 RELOCATE STATUE
- 6 REMOVE CONCRETE SURFACE
- 7 REMOVE TURF
- 8 MILL ASPHALT SURFACE TO 1.5" DEPTH
- 9 REMOVE AND RELOCATE SCULPTURE (SEE NOTE 4)



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△	7/7/2023	ADDENDUM 2

DEMOLITION PLAN

Scale: 1" = 10'
 Date: 6/23/2023
 Drawn: TPM
 Checked: AMH
 Project No.: 2224

C-200

PELBANO PLAYGROUND

8101 BUSTLETON AVENUE

OLIN




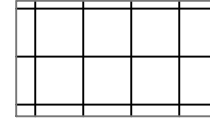
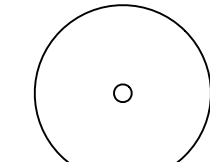
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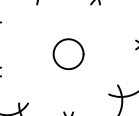




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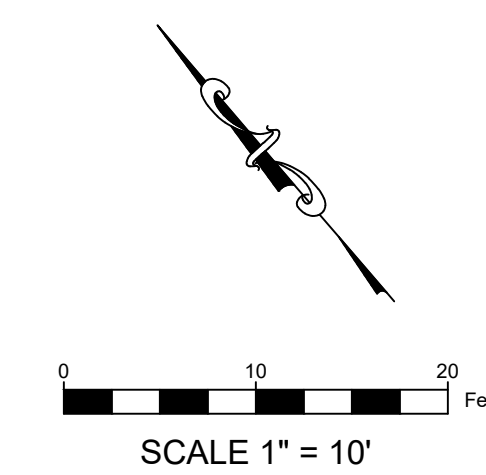
-  LIMIT OF DISTURBANCE (14,600 S.F.)
-  112 CONTOUR LABEL
-  + 112.0' SPOT GRADE
-  CONCRETE SIDEWALK REPLACEMENT (COORDINATE W/ LANDSCAPE ARCH. PLANS)
-  NEW TREE PLANTING (COORDINATE W/ LANDSCAPE ARCH. PLANS)

LEGEND (EXISTING CONDITIONS)

-  (MH) MANHOLE
-  LIGHT POLE
-  TREE/SHRUB
-  CATCH BASIN
-  UTILITY POLE
-  LAWN/GRASS AREAS
-  112' CONTOUR LABEL

NOTE:
 1. REFER TO LANDSCAPE ARCHITECTURE PLANS FOR JOINT PATTERNING ON SPLASH PAD CONCRETE
 2. EXISTING ELEVATIONS ARE APPROXIMATE. CONTRACTOR TO VERIFY PROPOSED GRADES MEET ADA COMPLIANCE.

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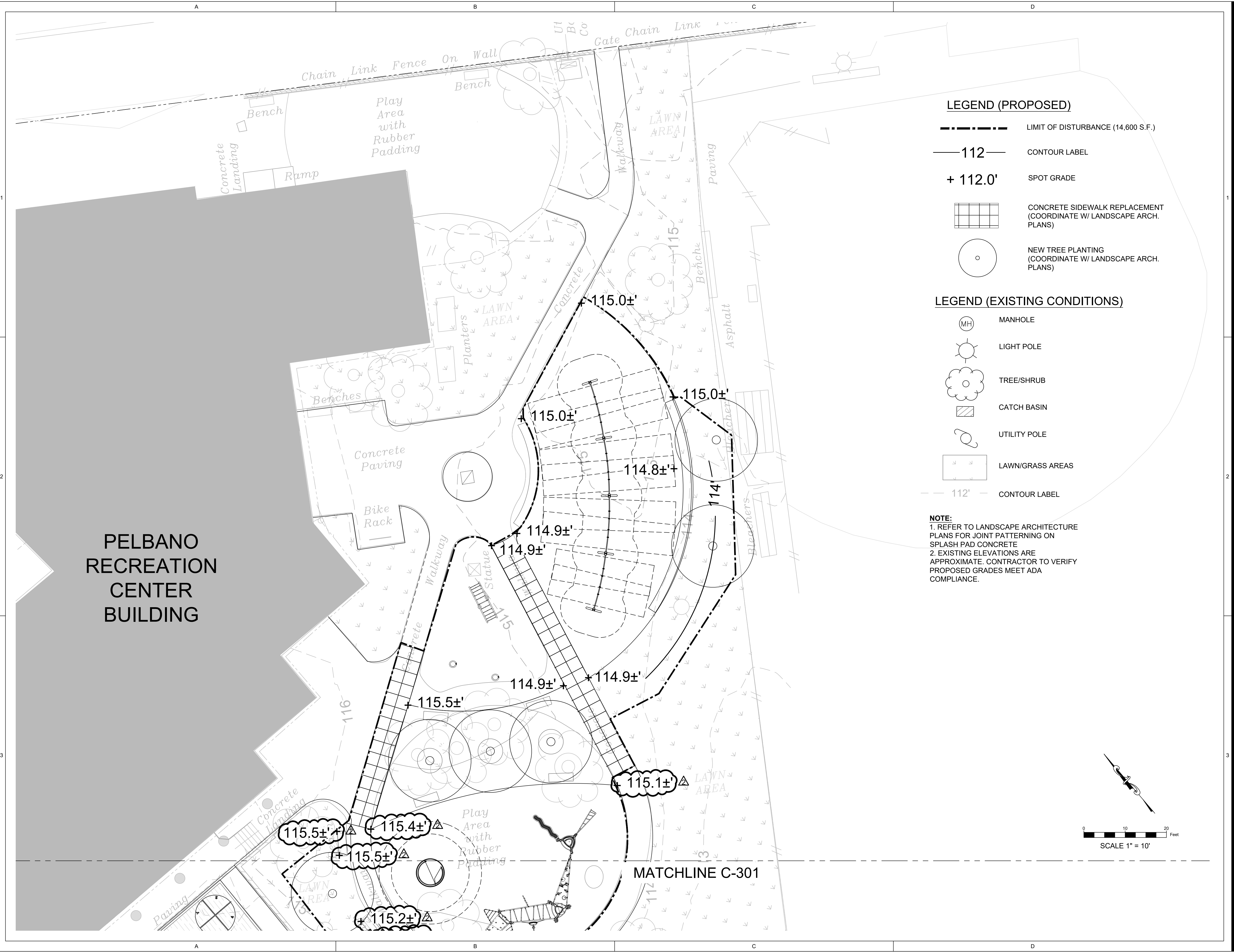


GRADING PLAN
 (1 OF 2)

Scale: 1" = 10'
 Date: 6/23/2023
 Drawn: TPM
 Checked: AMH
 Project No.: 2224

C-300

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PELBANO PLAYGROUND

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GRADING PLAN
 (2 OF 2)

Scale: 1" = 10'
 Date: 6/23/2023
 Drawn: TPM
 Checked: AMH
 Project No.: 2224

C-301

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RECYCLING AND DISPOSAL OF MATERIALS

ALL EXCAVATED MATERIALS RESULTING FROM CONSTRUCTION ACTIVITIES AT THE PROJECT SITE AND ACCUMULATED SEDIMENT THAT WILL NOT BE USED ON SITE SHALL BE REMOVED TO A DEPARTMENT AND/OR COUNTY CONSERVATION DISTRICT APPROVED LANDFILL OR SOIL/ROCK DISPOSAL AREA. LIKEWISE, ALL SOIL/FILL MATERIAL THAT ORIGINATES FROM OFF-SITE AREAS SHALL BE APPROVED BY THE DEPARTMENT AND/OR THE COUNTY CONSERVATION DISTRICT.

THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH DEPARTMENT SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.19 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE.

REGARDING ANTICIPATED CONSTRUCTION WASTE, ANY CONSTRUCTION DEBRIS (OR DEBRIS RESULTING FROM DEMOLITION OF EXISTING FACILITIES) SUCH AS SCRAP WOOD AND METAL, NAILS, BROKEN CONCRETE, ASPHALT, BRICK, PVC OR METAL PIPE, ETC., WILL BE REMOVED FROM THE SITE AND DISPOSED OF AT A DEPARTMENT AND/OR COUNTY CONSERVATION DISTRICT APPROVED LANDFILL OR SOIL/ROCK DISPOSAL SITE.

E&S CONTROL MANUAL APPENDIX C - STANDARD E&S PLAN NOTES

- ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING AS WELL AS CUTS AND FILLS SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS (STAMPED, SIGNED AND DATED BY THE REVIEWING AGENCY) MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. THE REVIEWING AGENCY SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. THE REVIEWING AGENCY MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- AT LEAST SEVEN (7) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, INCLUDING CLEARING AND GRUBBING, THE OWNER AND/OR OPERATOR SHALL INVITE ALL CONTRACTORS, THE LANDOWNER, APPROPRIATE MUNICIPAL OFFICIALS, THE E&S PLAN PREPARER, THE PCSM PLAN PREPARER, THE LICENSED PROFESSIONAL RESPONSIBLE FOR OVERSIGHT OF CRITICAL STAGES OF IMPLEMENTATION OF THE PCSM PLAN, AND A REPRESENTATIVE FROM THE LOCAL CONSERVATION DISTRICT TO AN ON-SITE PRECONSTRUCTION MEETING.
- AT LEAST 3 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING FROM THE LOCAL CONSERVATION DISTRICT OR BY THE DEPARTMENT PRIOR TO IMPLEMENTATION.
- AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL.
- CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OR PHASE OF THE PROJECT UNTIL THE E&S BMPs SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE OR PHASE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.
- AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
- TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN MAP(S) IN THE AMOUNT NECESSARY TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 35 FEET. STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.
- 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 THE LOCAL CONSERVATION DISTRICT AND / OR THE REGIONAL OFFICE OF THE DEPARTMENT.
- ALL BUILDING MATERIALS AND WASTES SHALL BE REMOVED FROM THE SITE AND RECYCLED OR DISPOSED OF IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1, AND 287.1 ET. SEQ. NO BUILDING MATERIALS OR WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURNED, BURIED, DUMPED, OR DISCHARGED AT THE SITE.

- ALL OFF-SITE WASTE AND BORROW AREAS MUST HAVE AN E&S PLAN APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT FULLY IMPLEMENTED PRIOR TO BEING ACTIVATED.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ANY MATERIAL BROUGHT ON SITE IS CLEAN FILL. FORM FP-001 MUST BE RETAINED BY THE PROPERTY OWNER FOR ANY FILL MATERIAL AFFECTED BY A SPILL OR RELEASE OF A REGULATED SUBSTANCE BUT QUALIFYING AS CLEAN FILL DUE TO ANALYTICAL TESTING.
- ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.
- VEHICLES AND EQUIPMENT MAY NEITHER ENTER DIRECTLY NOR EXIT DIRECTLY FROM LOTS ONTO LOCAL ROADS.
- UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT BMPs AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING AND RENETTING MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
- A LOG SHOWING DATES THAT E&S BMPs WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.
- SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORKDAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- ALL SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF IN THE MANNER DESCRIBED ON THE PLAN DRAWINGS AND NOTES.
- AREAS WHICH ARE TO RECEIVE TOPSOIL SHALL BE SCARIFIED TO A MINIMUM DEPTH OF THREE (3) TO FIVE (5) INCHES (8 TO 12 INCHES ON COMPACTED SOILS) PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM 4 INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING. FILL OUTSLOPES SHALL HAVE A MINIMUM OF TWO (2) INCHES OF TOPSOIL.
- ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
- ALL EARTHEN FILLS SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED NINE (9) INCHES IN THICKNESS.
- FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
- FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
- FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
- ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDED AREAS WITHIN 50 FEET OF A SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN ONE (1) YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN ONE (1) YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
- PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 70% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING, OR OTHER MOVEMENTS.
- E&S BMPs SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY THE LOCAL CONSERVATION DISTRICT OR THE DEPARTMENT.

- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND / OR OPERATOR SHALL CONTACT THE LOCAL CONSERVATION DISTRICT FOR AN INSPECTION PRIOR TO REMOVAL / CONVERSION OF THE E&S BMPs.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPs MUST BE REMOVED OR CONVERTED TO PERMANENT POST CONSTRUCTION STORMWATER MANAGEMENT BMPs. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE BMPs SHALL BE STABILIZED IMMEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL / CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
- FAILURE TO CORRECTLY INSTALL E&S BMPs, FAILURE TO PREVENT SEDIMENT-LADEN RUNOFF FROM LEAVING THE CONSTRUCTION SITE, OR FAILURE TO TAKE IMMEDIATE CORRECTIVE ACTION TO RESOLVE FAILURE OF E&S BMPs MAY RESULT IN ADMINISTRATIVE, CIVIL, AND / OR CRIMINAL PENALTIES BEING INSTITUTED BY THE DEPARTMENT AS DEFINED IN SECTION 602 OF THE PENNSYLVANIA CLEAN STREAMS LAW. THE CLEAN STREAMS LAW PROVIDES FOR UP TO \$10,000 PER DAY IN CIVIL PENALTIES, UP TO \$10,000 IN SUMMARY CRIMINAL PENALTIES, AND UP TO \$25,000 IN MISDEMEANOR CRIMINAL PENALTIES FOR EACH VIOLATION.

SEQUENCE OF CONSTRUCTION AND BMP INSTALLATION

- AT LEAST SEVEN (7) DAYS PRIOR TO ANY EARTH DISTURBANCE, THE INSPECTIONS COORDINATOR OF PWD (OFFICE: 215-685-6387) MUST BE CALLED TO SCHEDULE A PRECONSTRUCTION MEETING PRIOR TO EARTH DISTURBANCE AND CONSTRUCTION. THE LIMITS OF EARTH DISTURBANCE SHALL BE CLEARLY MARKED IN THE FIELD.
- FODS CONSTRUCTION ENTRANCE WILL BE INSTALLED AT THE LOCATION SHOWN ON THE E&S
- CONTROL PLAN, OR AS APPROVED BY THE CONSTRUCTION MANAGER, INSTALL CATCH BASIN INLET PROTECTION IN EXISTING SITE CATCH BASINS / DROP INLETS WHEREVER THERE IS THE POSSIBILITY FOR SEDIMENT-LADEN RUNOFF RESULTING FROM CONSTRUCTION ACTIVITIES TO ENTER THE CATCH BASIN.
- INSTALL FILTER SOCK AT LOCATIONS SHOWN ON THE PLANS. FILTER SOCK MUST BE PLACED PRIOR TO THE PREPARATION FOR OR INSTALLATION OF CONCRETE WORK.
- WHERE TOPSOIL OR SOD IS DISTURBED FOR SIDEWALK CONSTRUCTION, IT SHALL BE LAIN DIRECTLY ADJACENT TO THE WORK ON THE UPSLOPE SIDE OF THE FILTER SOCK AND REPLACED AS SOON AS THE CONCRETE FORMS ARE REMOVED.
- ONCE INLET FILTERS AND FILTER SOCK IS IN PLACE, CLEAR AND GRUB BRUSH, TREE STUMPS, ETC. MINIMIZE THE LIMIT OF DISTURBANCE. PROTECT EXISTING VEGETATION THAT IS TO REMAIN ON SITE. NO STUMPS, TREES AND BRUSH WILL BE DISPOSED OF ON-SITE. ALL TREES NOT HARVESTED, STUMPS, AND BRUSH WILL BE MULCHED FOR ON-SITE USE. ANY TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE MATERIAL NOT USED IN THIS MANNER WILL BE REMOVED AND DISPOSED IN THE COUNTY CONSERVATION DISTRICT-APPROVED OR PADEP-APPROVED LANDFILL.
- COINCIDENT WITH CONSTRUCTION AND PRIOR TO THE FIRST DELIVERY OF CONCRETE TO THE SITE, THE MANUFACTURED VINYL CONCRETE WASHOUT WILL BE INSTALLED AT THE LOCATIONS SHOWN ON THE E&S PLAN DRAWINGS, OR AS DIRECTED BY THE CONSTRUCTION MANAGER.
- BEGIN ANY REQUIRED GRADING, 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 AS SIDEWALK INSTALLATION PROGRESSES, AND CONCRETE FORMS ARE REMOVED, BACKFILL DISTURBED AREAS AND REPLACE RESERVED TOPSOIL. FERTILIZE, SEED AND MULCH ACCORDING TO THE PERMANENT SEEDING AND MULCHING SPECIFICATIONS SHOWN ON THE E&S NOTES.
- IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION / RENOVATION ACTIVITIES OR IF RAINFALL EVENTS CAUSE EXCAVATION SITES TO BECOME FILLED WITH DIRTY / SEDIMENT-LADEN WATER, THE SEDIMENT LADEN WATER WILL BE PUMPED FROM THE EXCAVATION INTO A PUMPED WATER FILTER BAG.
- THE LENGTH OF A TRENCH OPENING AT ANY GIVEN TIME SHALL BE HELD TO A MINIMUM. TRENCH EXCAVATIONS SHALL ONLY BE MADE FOR THE AMOUNT OF PIPE THAT CAN BE INSTALLED DURING THAT DAY'S ACTIVITY AND SHALL IMMEDIATELY BE BACKFILLED, COMPACTED AND STABILIZED.
- ASPHALT PAVING MAY BEGIN. MAINTAIN ALL INLET PROTECTION CONTROLS DURING ASPHALT SURFACING ACTIVITIES.
- ALL TEMPORARY EROSION CONTROL STRUCTURES (IDENTIFIED IN THIS CONSTRUCTION SEQUENCE) WILL BE REMOVED WITHIN TWENTY (20) DAYS AFTER THE CONSTRUCTION AREA HAS BEEN STABILIZED. THE STANDARD FOR VEGETATIVE STABILIZATION IS DEFINED AS A "MINIMUM UNIFORM 70 PERCENT PERENNIAL VEGETATIVE COVER, WITH A DENSITY CAPABLE OF RESISTING ACCELERATED EROSION AND SEDIMENTATION." THIS INCLUDES REMOVAL OF THE COMPOST FILTER SOCK. BIODEGRADABLE SOCK MAY BE CUT OPEN AND FILLER MATERIAL SPREAD ONSITE AS VEGETATIVE GROWTH MEDIUM. NON-BIODEGRADABLE FABRIC, AS WELL AS STAKES AND HARDWARE MUST BE REMOVED TO A PADEP OR COUNTY APPROVED WASTE SITE.

- SEED AND MULCH ALL REMAINING DISTURBED AREAS PER PERMANENT SEEDING SPECIFICATIONS.
- THE CONSTRUCTION AREA WILL BE PERIODICALLY INSPECTED TO ENSURE THAT VEGETATION HAS BECOME WELL ESTABLISHED. CONTRACTOR TO INCLUDE A TWO-YEAR GUARANTEE ON ALL VEGETATION INSTALLED WITHIN A BMP FOOTPRINT. IF RILLS OR GULLIES (OR OTHER INDICATIONS OF EROSION) OCCUR, THE PROBLEM WILL BE REPAIRED IMMEDIATELY.
- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE OWNER AND/OR OPERATOR SHALL CONTACT INSPECTIONS COORDINATOR OF PWD (OFFICE: 215-685-6387) FOR A FINAL INSPECTION PRIOR TO REMOVAL/CONVERSION OF THE E&S BMPs.

CONSTRUCTION AND DEMOLITION WORK PRACTICES TO REDUCE / MINIMIZE DUST

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

No.	Date	Description
1	10/12/2022	SD set
2	11/16/2022	SD set
3	2/21/2023	DD set
4	4/17/2023	75% CD set
5	6/23/2023	100% CD set
△	7/7/2023	ADDENDUM 2

EROSION AND SEDIMENT CONTROL NOTES (3 OF 3)

Scale: 1" = 10'
 Date: 6/23/2023
 Drawn: TPM
 Checked: AMH
 Project No.: 2224

C-404

INSURANCE REQUIREMENTS

1. Contractor and all of its subcontractors, at their own expense, shall procure and maintain from reputable insurers admitted to do business on a direct basis in the Commonwealth of Pennsylvania and with a Best Rating of A- or better and satisfactory to the City of Philadelphia (“**Owner**”), a minimum of the following insurance, as specified below, covering the work and Contractor’s performance of the work on the project:

(a) Commercial General Liability Insurance *(required of general contractor and all subcontractors)*

Minimum Policy Limit

\$1,000,000 per occurrence combined single limit for bodily injury (including death) and property damage liability;
\$1,000,000 for personal and advertising injury;
\$2,000,000 general aggregate;
\$1,000,000 for products and completed operations; and
\$100,000 fire legal liability.

Coverage

The policy shall include the following coverages: premises operations; blanket contractual liability; personal injury liability; products and completed operations; independent contractors; employees and volunteers as insureds; cross liability; broad form property damage liability (including completed operations and loss of use); vandalism and malicious mischief; explosion, collapse, and underground damage (XCU); public liability and property damage coverage for bodily injury, accidental death and damage to property, which may arise from operations under this Agreement and contractual liability insurance in a form sufficient to cover Contractor’s indemnity requirements and any implied warranties of Contractor.

(b) Workers’ Compensation/Employer’s Liability Insurance *(required of general contractor and all subcontractors)*

Worker’s Compensation

For all employees, in accordance with statutory requirements of the Commonwealth of Pennsylvania.

Employer’s Liability

\$100,000 for bodily injury by accident for each accident;
\$100,000 for bodily injury by disease for each employee; and
\$500,000 for the policy limit for bodily injury by disease.

Coverage

The coverage must include an All States Endorsement, and, if applicable, must include U.S. Longshore and Harbor Workers Compensation.

(c) Automobile Liability Insurance *(required of general contractor and all subcontractors)*

Minimum Policy Limit

\$1,000,000 per occurrence combined single limit for bodily injury (including death) and property damage.

Coverage

For all owned, non-owned and hired vehicles, and coverage for contractual liability, including liability for employee injury assumed under this Agreement.

(d) Builders' Risk/Installation Floater Insurance *(only one policy per Project to cover the entire Project under construction required of PRA or the general contractor – typically held by PRA, general contractor to confirm)*

Minimum Policy Limit

During the period of any construction and/or renovations, Contractor shall maintain builder's risk insurance in an amount equal to at least the anticipated full replacement value (of like kind and quality) of the project under construction, including all property incorporated or to be incorporated in the project and the interests of the insured performing work on the project.

Coverage

“All risks” coverage must insure against physical loss or damage to all property incorporated or to be incorporated in the project and must extend to materials in transit and in storage (on and off the job site). Coverage must include jobsite temporary buildings used for storage of property to be incorporated into the Project. Coverage must cover the interests of all contractors and all subcontractors performing work under the project, including reasonable compensations for services and expenses as a result of an insured loss.

The policy must be written on a replacement cost basis (with no co-insurance clause) and must include Offsite Storage Locations Coverage (coverage for property to be incorporated into the project). Contractor is responsible for any damage to their owned, leased, or rented tools and equipment.

Period of Coverage

The coverage must remain in full force and effect during the period of any construction and/or renovations on a Project's premises until final completion and acceptance of the Project.

- (e) Pollution Liability Insurance** *(only required for contractors and subcontractors performing construction-related work).*

Minimum Policy Limit

\$1,000,000 per occurrence;
\$2,000,000 aggregate.

Coverage

Coverage must include bodily injury (including death) and property damage. The policy must not exclude asbestos, lead, silica, mold/fungus, oil, oil-related chemicals, petroleum, petroleum-related chemicals, or any other environmental contaminant or pollutant that may be encountered during construction.

Period of Coverage

Must include sudden, accidental, and gradual occurrences and may be written on a claims-made basis provided that coverage for occurrences happening during the term of the Project Contract must be maintained in full force and effect under the policy or “tail” coverage for a period of at least two (2) years beginning from the time the work under the Project Contract is completed.

- (f) Builders’ Professional Liability Insurance** *(only required for environmental testing and architectural and engineering services contractors).*

Minimum Policy Limit

\$1,000,000 per occurrence;
\$2,000,000 aggregate;
Deductible not to exceed \$100,000.

Coverage

Errors and omissions coverage for environmental investigation, testing, architectural, engineering, or remediation services.

Period of Coverage

Professional Liability Insurance may be written on a claims-made basis provided that coverage for occurrences happening during the performance of the services required under this Agreement shall be maintained in full force and effect under the policy or “tail” coverage for a period of at least two (2) years after completion of the services.

- (g) Excess/umbrella liability insurance** *(only required for the general contractor).*

Minimum Policy Limit

\$5,000,000 for each occurrence and the annual aggregate amount that will apply in excess of the commercial general liability, automobile liability, and employer’s liability insurance policies.

2. Each of the required insurance policies must satisfy the following requirements, either through provisions in the policy or by special endorsement attached to the policy, and Contractor shall provide evidence of the same:

- (a) Contractor's insurance coverage is on a primary and non-contributory basis with any insurance carried or administered by Owner, PRA, the Philadelphia Authority for Industrial Development ("PAID"), the Philadelphia Industrial Development Corporation ("PIDC") or the Philadelphia Housing Development Corporation ("PHDC");
- (b) includes coverage for ongoing operations and completed operations;
- (c) Owner, PRA, PAID, PIDC, PHDC, and each of their respective officers, directors, employees and agents are named as additional insured on a primary and non-contributory basis on all of the insurance policies (and as loss payee for the builder's risk policy), except for workers' compensation and professional liability insurance policies, even for claims regarding their partial negligence;
- (d) includes a waiver of subrogation in favor of Owner and all of the other aforementioned additional insureds;
- (e) coverage is applicable separately to each insured against whom a claim is made or suit is brought and there is no "Cross Liability" exclusion on the insurance policies that preclude coverage for suits or claims between Contractor and Owner or between the Owner and any other insured or additional insured under the insurance policies;
- (f) no act or omission of Owner, PRA, PAID, PIDC, PHDC, or their respective officers, directors, employees or agents will invalidate coverage;
- (g) Contractor shall not have a Self-Insured Retention ("SIR") on any policy greater than Fifty Thousand Dollars (\$50,000), which is the responsibility of Contractor. If Contractor's policy(ies) has a Self-Insured Retention exceeding this amount, approval must be received from Owner prior to starting work. In the event any policy includes an SIR, Contractor is solely responsible for payment within the SIR of their policy(ies) and the Additional Insured requirements specified herein shall be provided within the SIR amount(s);
- (h) all the required insurance, except Professional Liability insurance, must be written on an "occurrence" basis and not a "claims-made" basis (except as otherwise expressly specified); and
- (i) the insurance policies must provide for at least thirty (30) days prior written notice to be given to Owner in the event that coverage is materially changed, cancelled or non-renewed or once any policy limits have been exhausted by fifty percent (50%).

3. In no event may Contractor perform or allow any subcontractor to perform any work under this Agreement until Contractor has delivered or caused to be delivered to the City's Risk Management Division the required evidence of insurance coverages that comply with the provisions of Section 1 through Section 10.

4. Contractor shall maintain all insurance in full force and effect for the entire term of this Agreement and as otherwise expressly specified. If any such insurance is due to expire during the term of this Agreement, Contractor shall not permit the coverage to lapse and shall furnish evidence of coverage to Owner, PRA, PAID, PIDC, and PHDC. In the event of material change, cancellation or non-renewal of coverage(s), Contractor must replace the coverage(s) to comply with the contract requirements to prevent a lapse of coverage for any time period during the term of the contract.

5. Endorsement forms required include CG 20 01, CG 20 10 and CG 20 37 as published by the Insurance Services Office ("ISO") or on equivalent forms that are satisfactory to Owner.

6. Contractor, for itself and its respective insurers, hereby releases Owner, PRA, PAID, PIDC, and PHDC from any and all claims, demands, actions and causes of action (including, without limitation, subrogation claims), for loss or damage covered by any of the insurance maintained by Contractor, even if the loss or damage shall have been caused by the fault or partial negligence of Owner, PRA, PAID, PIDC, or PHDC, or anyone for whom the Owner, PRA, PAID, PIDC, or PHDC may be responsible. If any of the policies of insurance required under this Agreement require an endorsement to provide for the waiver of subrogation, then the named insured of such policies will cause them to be so endorsed.

7. Certificates of insurance evidencing the required coverages and additional insured endorsements must specifically reference the project and the Subgrant Agreement between PAID and PRA (as amended, the "**Subgrant Agreement**"), pursuant to which this Agreement is authorized. **At least ten (10) days before work is to commence, and before each renewal date, Contractor shall submit the original certificates of insurance to:**

PRA and PHDC at 1234 Market Street, 16th Floor, Philadelphia, PA 19107, Attention: General Counsel;

PAID c/o PIDC at 2600 Centre Square West, 15th and Market Streets, Philadelphia, PA 19103, Attention: Vice President – Corporate Counsel; and

City's Division of Risk Management at One Parkway Building, 14th Floor, 1515 Arch Street, Philadelphia, PA 19102, Attention: Risk Manager.

8. The ten (10) day requirement for advance documentation of insurance coverage may be waived by the Owner in situations where such waiver will benefit the Owner, but under no circumstances shall the Contractor actually begin work (or continue work, in the case of renewal) without providing the required proof of insurance and required endorsements. Owner reserves the right to require the Contractor to furnish certified copies of the original policies of all insurance

required under this Agreement, including certified copies of all required endorsements, at any time upon ten (10) days prior written notice to the Contractor.

9. Insurance requirements are subject to the periodic review by Owner. Any failure, actual or alleged, on the part of Owner to monitor or enforce compliance with any of the insurance requirements will not be deemed as a waiver of any rights on the part of Owner. Owner may require additional types of insurance or higher limits if, in its sole discretion, the potential risk warrants it.

10. Notwithstanding the minimum insurance policy limits specified in Section 1, no less than the stated value for each of the insurance policies of Contractor and its subcontractors shall be available to Owner, PRA, PAID, PIDC, and PHDC to cover Contractor's indemnity under the Agreement. However, the minimum amount of insurance required in Section 1 shall not be construed to be a limitation of the liability on the part of Contractor and the carrying of the insurance described shall in no way be interpreted as relieving Contractor of any responsibility or liability under this Agreement.

11. Contractor shall, at all times, keep the Property free from accumulation of waste materials or rubbish caused by Contractor's operations. All rubbish and flammable items shall be removed from the Project site daily and work areas shall be maintained free from accumulation of combustible debris. Contractor shall remove all dirt, grease marks, etc., from walls, ceilings, floor, fixtures, etc., resulting from the performance of the work of the Project. Upon completion of the work, any tools, materials and other articles not removed within seven (7) days after notice by Owner may be treated as abandoned property.