



CITY OF PHILADELPHIA DEPARTMENT OF PARKS AND RECREATION

MAYOR - JAMES F. KENNEY

MANAGING DIRECTOR - TUMAR ALEXANDER

COMMISSIONER - PARKS AND RECREATION - KATHRYN OTT LOVELL

PROJECT TITLE: REBUILD CAPITOLO PLAYGROUND FIELD RENOVATIONS
PROJECT LOCATION: 900 FEDERAL ST. PHILADELPHIA, PA 19147

PROJECT NUMBER: 16150E-05-02

100% CONSTRUCTION DOCUMENTS / JULY 27, 2021

DRAWING LIST

		90% CD 4/16/2021	100% CD 7/27/2021
CV	COVER SHEET		●
G-001	GENERAL NOTES		●

LANDSCAPE

L-101	EXISTING CONDITION PLAN	●	●
L-102	DEMOLITION AND PROTECTION PLAN	●	●
L-103	LAYOUT PLAN	●	●
L-104	GRADING PLAN	●	●
L-105	MATERIAL PLAN	●	●
L-106	PLANTING PLAN SCHEDULE DETAILS	●	●
L-401	FIELD STRIPING AND FOOTING PLANS	●	●
L-501	LANDSCAPE DETAILS	●	●
L-502	LANDSCAPE DETAILS	●	●

CIVIL

C-301	EROSION & SEDIMENT CONTROL PLAN	●	●
C-302	EROSION & SEDIMENT CONTROL DETAILS	●	●
C-303	EROSION & SEDIMENT CONTROL NOTES	●	●

PLUMBING

P-001	GENERAL PLUMBING NOTES		
P-101	NEW WORK - PLUMBING LAYOUT, DETAILS & EQUIPMENT SCHEDULE		

REVISIONS		
ISSUE	DATE	DESCRIPTION

SEAL

CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA

PROJECT NO.	DRAWING NO.
16150E-05-02	CS
DATE: JULY 27, 2021	
SCALE: N/A	
DRAWN BY: PD	
CHECKED BY: BM	FILE:

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

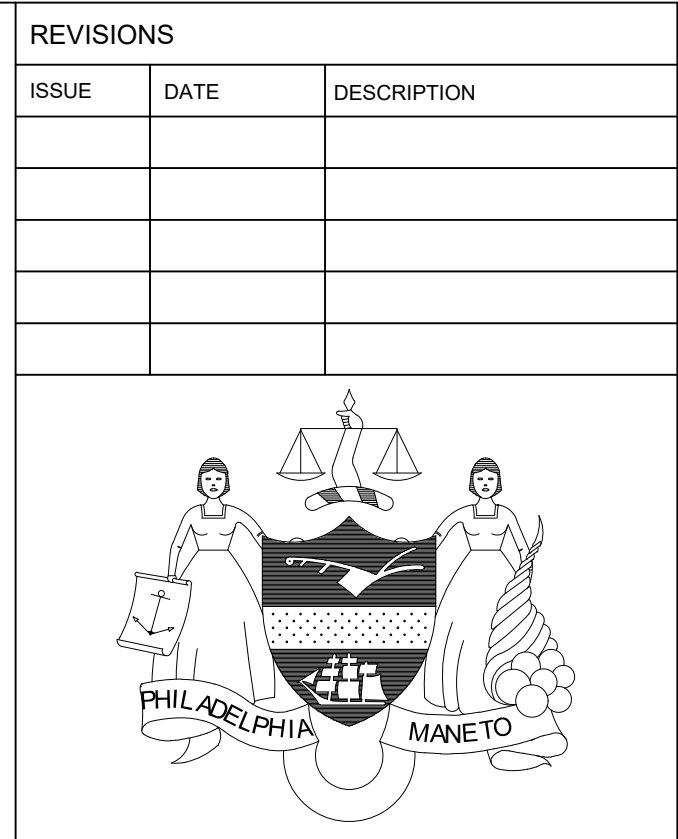
PROJECT TEAM

Landscape Architect:
Synterra Ltd.
4747 S Broad St, Bldg 101, Suite LL33
Philadelphia, PA 19112
215.243.0700 | <http://www.synterraltl.com/>

Civil and Structural Engineer:
KS Engineers, P.C.
35 S 3rd St.
Philadelphia, PA 19106
215.925.0425 | <http://www.kseng.com/>

Mechanical, Electrical and Plumbing Engineer:
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215.877.8210 | <http://http://www.adcon-usa.com/>

Archeologist:
Commonwealth Heritage Group
20 Hagerty Boulevard, Suite 3
West Chester, PA 19382
610.436.9000 | <http://www.commonwealthheritagegroup.com/>



PROJECT COORDINATOR
 Philadelphia Parks & Recreation
 1515 Arch Street, 10th Floor
 Philadelphia, PA 19102

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PROJECT TITLE
REBUILD
CAPITOLE PLAYGROUND
FIELD RENOVATIONS
DRAWING TITLE

EXISTING CONDITION PLAN

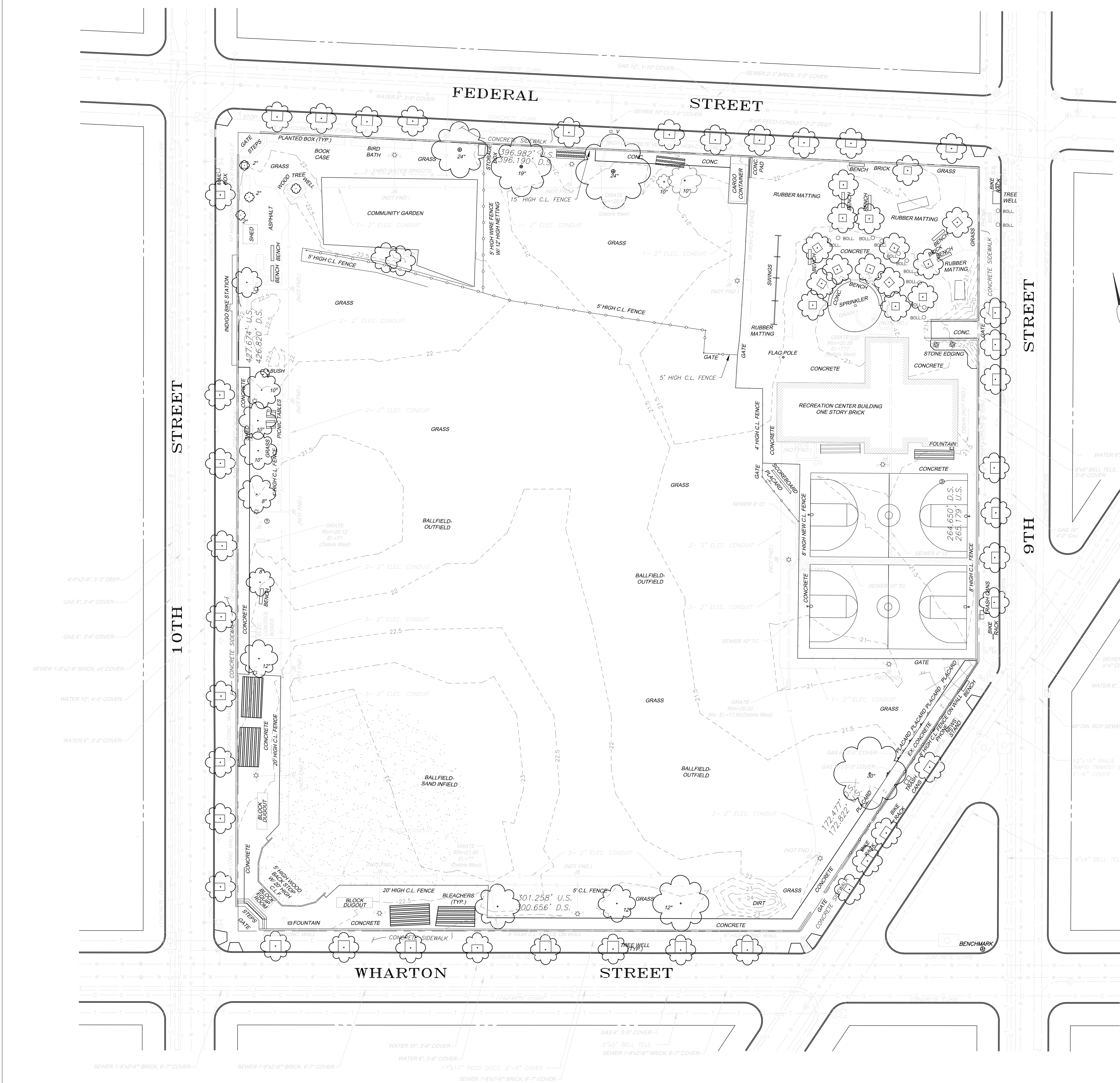
PROJECT NO.	DRAWING NO.
16150E-05-02	L-101
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: PD	
CHECKED BY: BM	FILE:

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

NOTES:

1. Applicant proposes to show Physical Conditions of exiting parcels as shown hereon.
2. Attention is called to the zoning requirements in the Philadelphia Code as amended.
3. A Zoning permit is required for any proposed changes to lot lines including consolidation of existing parcels.
4. Plan made as per instructions of Tara Rasheed, MDO.
5. Distances are in Philadelphia District Standard and United States Standard.
6. The preparation of this plan by the 2nd Survey District does not imply approval of other city agencies.
7. CITY PLAN #15-S publishes no bearings for this block, the bearings used on this plan and any legal description written herefrom are relative to this plan only.
8. The addresses shown on this plan are as per existing deeds or as posted on premises. Addresses for newly created parcels are to be assigned by the Office of Property Assessment (O.P.A.)
9. This survey and plan or plan of property was completed without the availability of a title report and is subject to any facts that may be disclosed by a full and accurate title search.
10. This plan not to be used for title purposes.
11. All elevations are based on the Philadelphia vertical datum.
12. Benchmark is located at NWC 9TH & Wharton St. (Pat's Steaks) Top of marble plinth East Face = +22.61 Elevation. Location as shown on plan.
13. United States Standard distances (U.S.) not to be used for title purposes.
14. For information regarding utilities other than shown, consult the utility company.
15. Location of existing utilities shown on this plan have been developed from utility records and/or field surveys at the site. the accuracy regarding location and/or depth cannot be guaranteed.

EXISTING LEGEND	
	BUILDING
	CONCRETE CURB
	PROPERTY LINES
	CONTOUR LINE
	GAS LINE
	POTABLE WATER
	SANITARY SEWER
	STORM DRAIN/COMBINED SEWER
	TELEPHONE CONDUIT
	ELECTRIC CONDUIT
	OVERHEAD UTILITY
	FENCE
	UNKNOWN MANHOLE
	TELEPHONE MANHOLE
	SANITARY SEWER MANHOLE
	STORM SEWER MANHOLE
	COMBINED SEWER MANHOLE
	ELECTRIC MANHOLE
	WATER MANHOLE
	WATER VALVE
	GAS VALVE
	UNKNOWN VALVE
	SEWER VENT
	FIRE HYDRANT
	UTILITY POLE/STREET LIGHT
	LIGHT POLE
	SIGN
	FLAG POLE
	TREE
	MAIL BOX
	BOLLARD
	CLEAN OUT
	CITY INLET
	GRATE INLET
	OPEN MOUTH GRATE INLET
	AREA DRAIN
	ELECTRICAL JUNCTION BOX
	BLEACHERS
	PICNIC TABLES



ZONING TABLES:(Lot)

SPOA ZONING	REQUIRED/ALLOWED	CAPITOLE PLAYGROUND
LOT WIDTH	NOT REQUIRED	396.982' / 265.179' / 172.822' / 301.258' / 427.674'
LOT AREA	1,440 sq.ft.(R)SEE14-107(1-5)	159,097.7 Sq.Ft. / 3.65238 Ac.

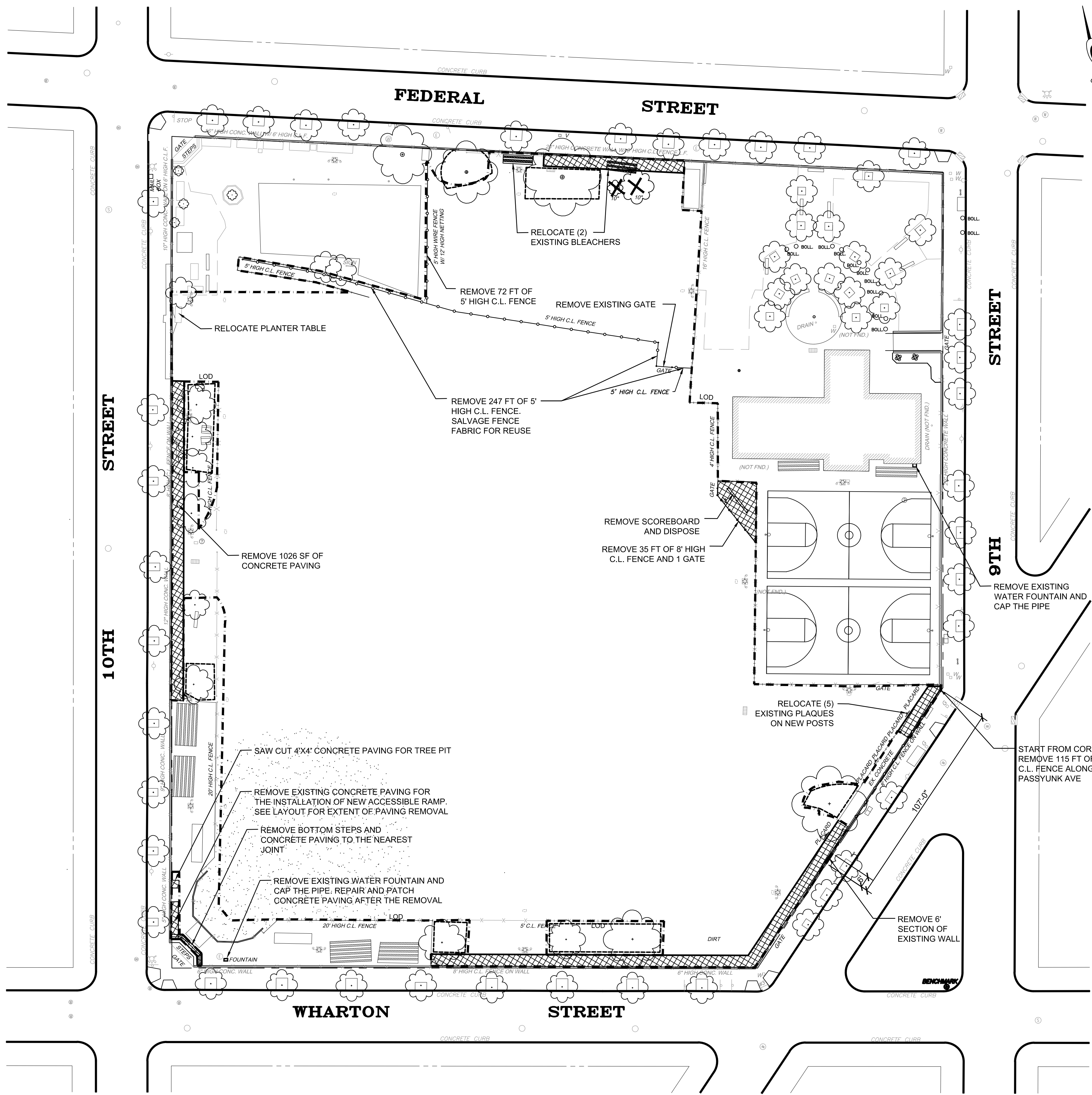


Reviewed and Approved as per Sub-Division Plan Requirements Adopted by the Board of Surveyors
 Louis Laforest
 Assistant Surveyor & Regulator
 2nd Survey District
 November 13, 2019

PHILADELPHIA DEPT. of STREETS
 2nd SURVEY DISTRICT
 S.W.C. 11TH & WHARTON STREETS
 (215) 685-1864 (215) 685-1865

SURVEY & PLAN of PROPERTY
 (ARCHITECTURAL & TOPOGRAPHIC PLAN)
 900 FEDERAL STREET
 MADE FOR
DEPARTMENT OF PUBLIC PROPERTY
 REGISTERED OWNER
CAPITOLE PLAYGROUND
 2ND WARD PHILADELPHIA ~ PENNSYLVANIA

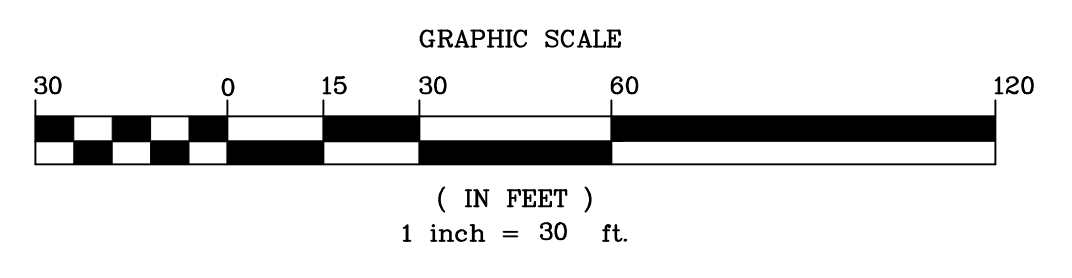
Drawn By: D.K.W. SCALE: 1" = 30'
 CHECKED BY: L.V.L. DRAWING No.: 20190533



- LEGEND**
- REMOVE EXISTING CONCRETE
 - REMOVE EXISTING TREE
 - REMOVE EXISTING FENCE
 - TREE PROTECTION
 - LIMIT OF DISTURBANCE

EXISTING LEGEND

	BUILDING
	CONCRETE CURB
	PROPERTY LINES
	FENCE TO REMAIN
	UNKNOWN MANHOLE
	TELEPHONE MANHOLE
	SANITARY SEWER MANHOLE
	STORM SEWER MANHOLE
	COMBINED SEWER MANHOLE
	ELECTRIC MANHOLE
	WATER MANHOLE
	WATER VALVE
	GAS VALVE
	UNKNOWN VALVE
	SEWER VENT
	FIRE HYDRANT
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ISSUE	DATE	DESCRIPTION

PHILADELPHIA MANETO

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Philadelphia Parks & Recreation
1515 Arch Street, 10th Floor
Philadelphia, PA 19102

SEAL

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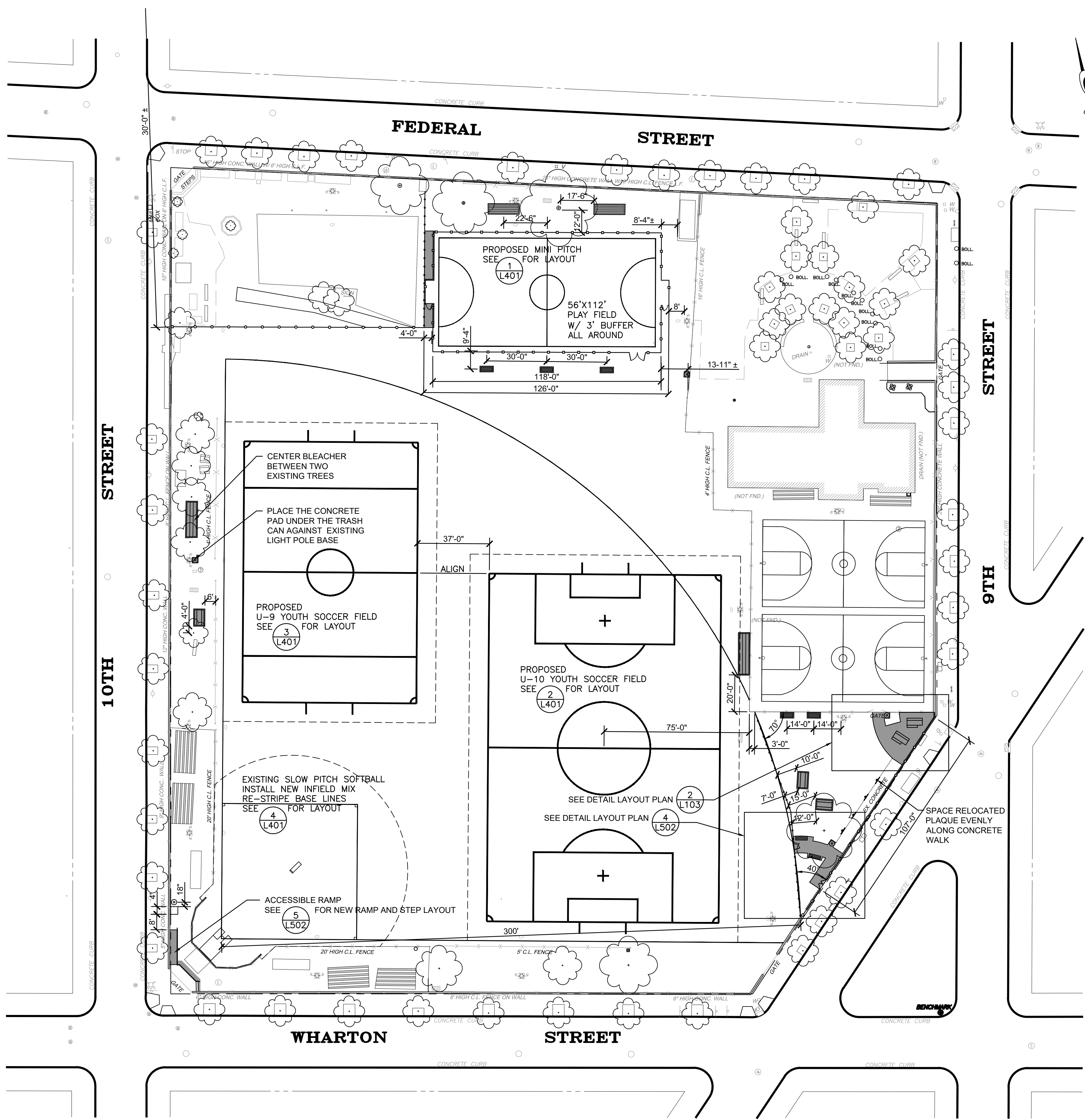
CITY OF PHILADELPHIA
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PROJECT TITLE
Rebuild
CAPITOLO PLAYGROUND
FIELD RENOVATIONS

DRAWING TITLE
DEMOLITION AND
PROTECTION PLAN

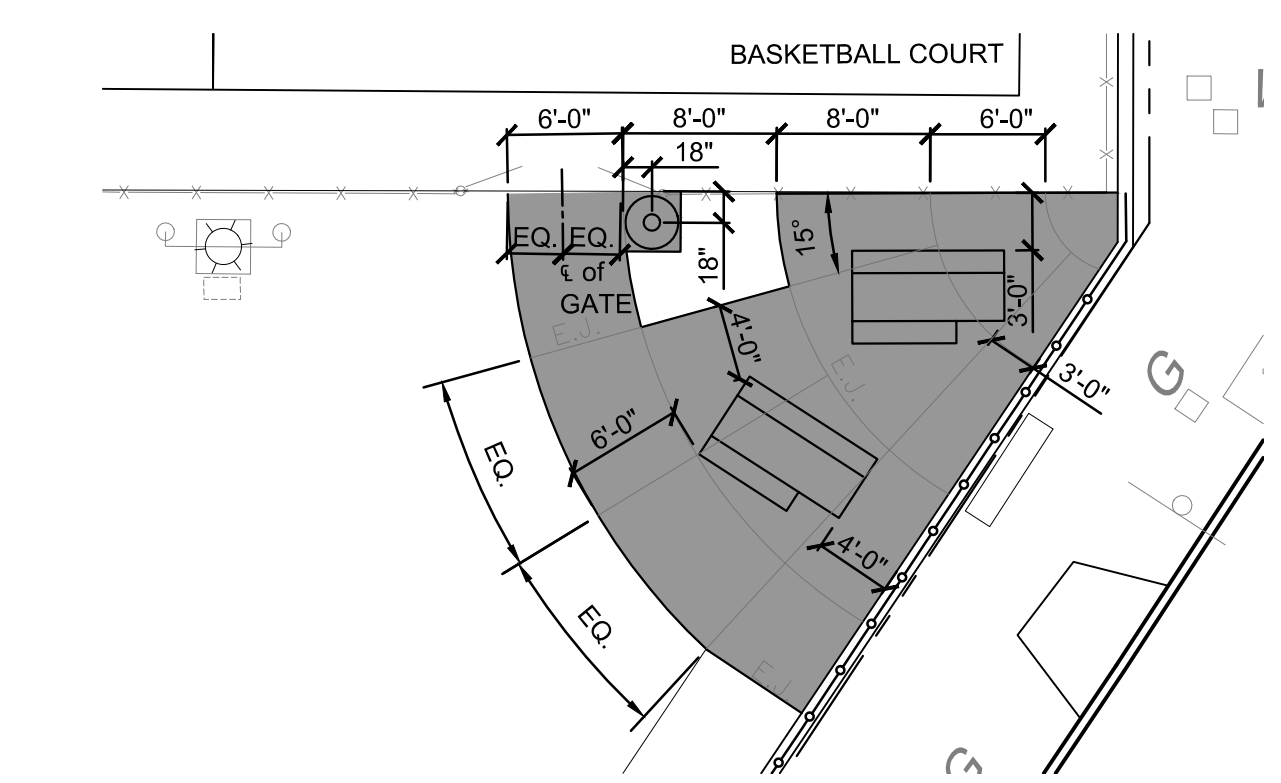
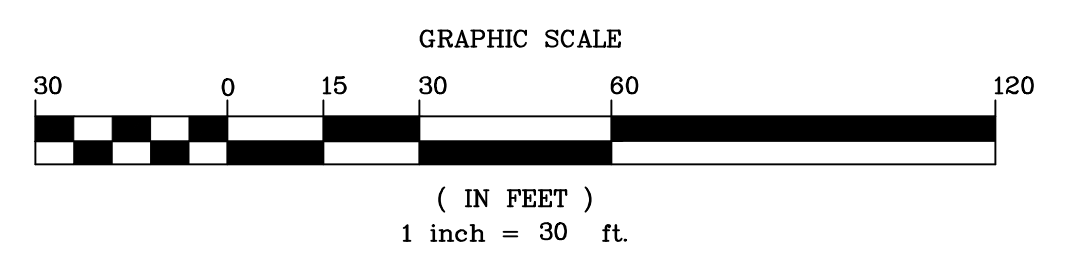
PROJECT NO. 16190E-05-02	DRAWING NO. L-102
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: PD	
CHECKED BY: BM	FILE:

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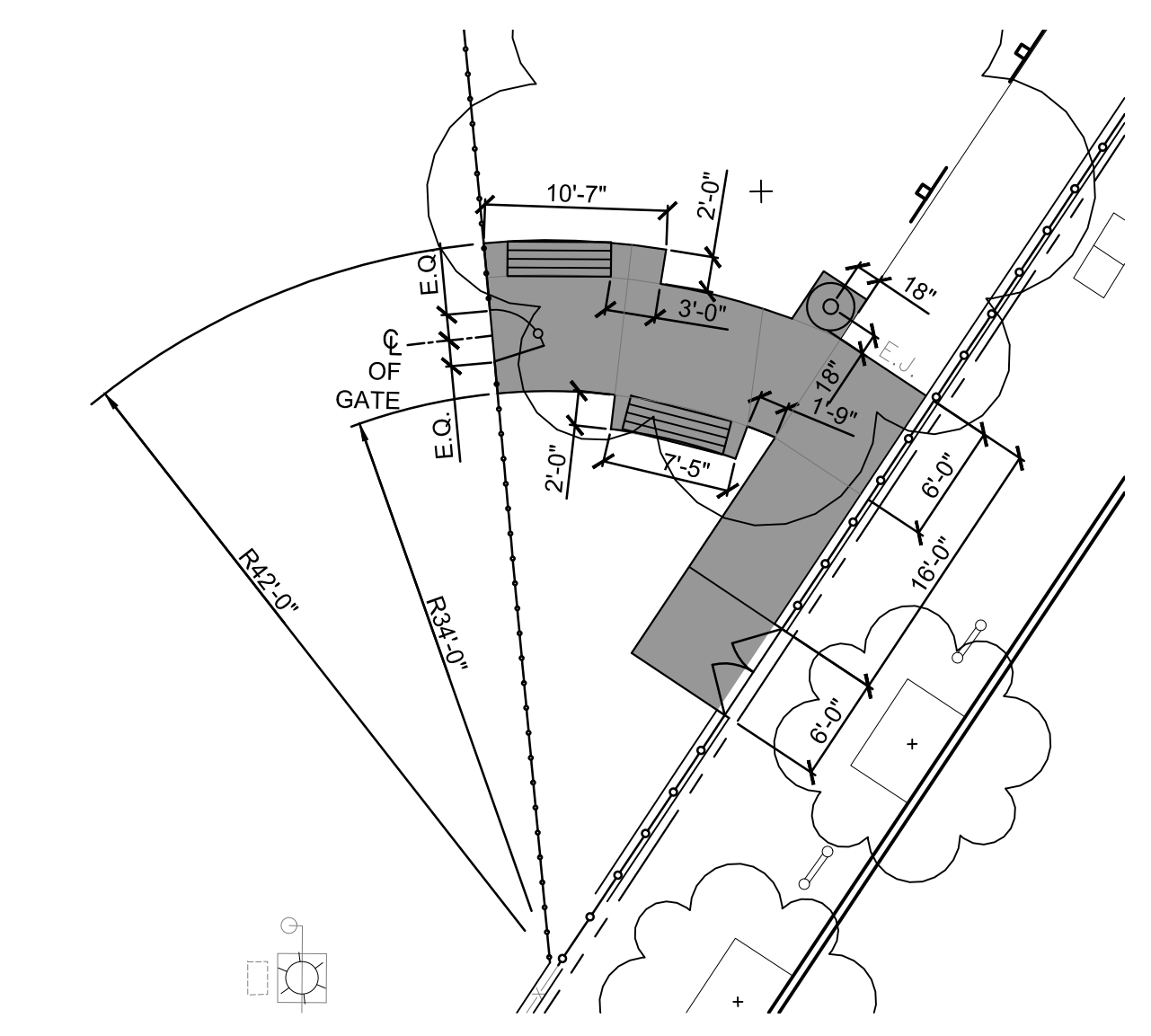


- LEGEND**
- PROPOSED BENCH ON CONCRETE PAD
 - ▭ PROPOSED PICNIC TABLE ON CONCRETE PAD
 - ▭ PROPOSED ADA ACCESSIBLE PICNIC TABLE ON CONCRETE PAD
 - ▭ PROPOSED BLEACHER ON CONCRETE PAD
 - ▭ EXISTING BLEACHERS
 - ▭ RELOCATED BLEACHERS ON CONCRETE PAD
 - PROPOSED TRASH RECEPTACLE ON CONCRETE PAD
 - PROPOSED VINYL COATED CHAINLINK FENCE
 - PROPOSED CONCRETE PAVING

- EXISTING LEGEND**
- ▭ BUILDING
 - ▭ CONCRETE CURB
 - PROPERTY LINES
 - FENCE TO REMAIN
 - ⊗ UNKNOWN MANHOLE
 - ⊙ TELEPHONE MANHOLE
 - ⊙ SANITARY SEWER MANHOLE
 - ⊙ STORM SEWER MANHOLE
 - ⊙ COMBINED SEWER MANHOLE
 - ⊙ ELECTRIC MANHOLE
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 - ⊙ LIGHT POLE
 - ⊙ SIGN
 - ⊙ FLAG POLE
 - ⊙ TREE TO REMAIN
 - ⊙ MAIL BOX
 - ⊙ BOLLARD
 - ⊙ CLEAN OUT
 - ⊙ CITY INLET
 - ⊙ GRATE INLET
 - ⊙ OPEN MOUTH GRATE INLET
 - ⊙ AREA DRAIN
 - ⊙ ELECTRICAL JUNCTION BOX
 - ▭ BLEACHERS TO REMAIN
 - ▭ PICNIC TABLES TO REMAIN



2 DETAILED LAYOUT PLANS-PICNIC AREA
SCALE: 1"=10'-0"



1 DETAILED LAYOUT PLANS-SEATING AREA
SCALE: 1"=10'-0"

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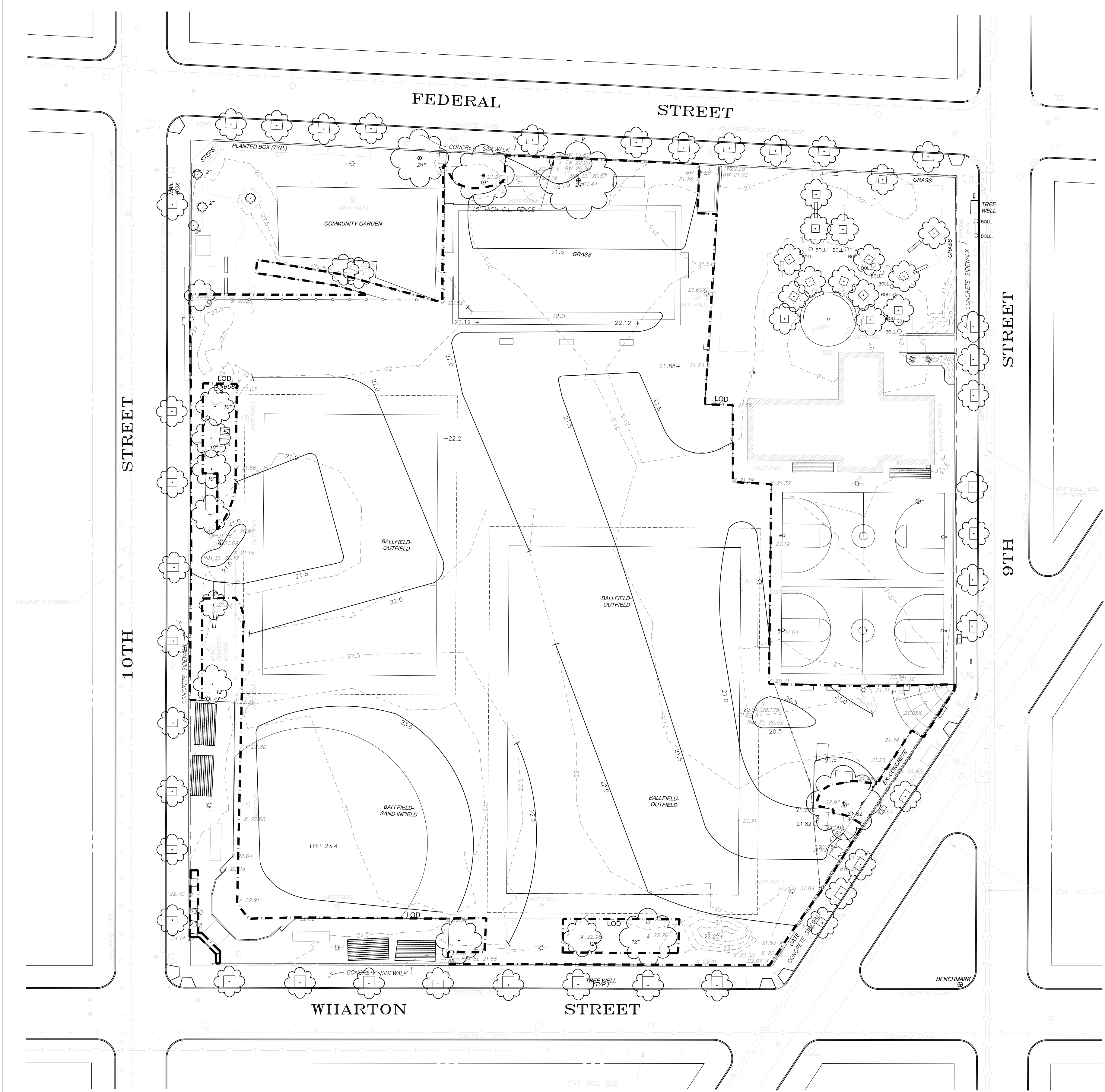
CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
Rebuild
CAPITO PLAYGROUND
FIELD RENOVATIONS

DRAWING TITLE
LAYOUT PLAN

PROJECT NO. 18190E-05-02	DRAWING NO. L-103
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: PD	
CHECKED BY: BM	FILE:

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



- NOTES:**
1. FOLLOW THE ARCHEOLOGICAL PROTOCOL FOR ANY GROUND DISTURBANCE MORE THAN 4" DEEP
 2. CONTRACTOR SHALL CONTACT PA ONE CALL PRIOR TO EXCAVATION
 3. CONTRACTOR SHOULD VERIFY EXISTING GRADES AND NOTIFY LANDSCAPE ARCHITECT FOR ANY DESIGN ADJUSTMENT NEEDED
 4. NOTIFY LANDSCAPE ARCHITECT IF MINIMUM GRADE OF 0.5% CAN NOT BE ACHIEVED.
 5. THE ACCESSIBLE RAMP ON 10TH STREET AND WHARTON STREET SHOULD NOT EXCEED 8% GRADE.
 6. CONTRACTOR SHOULD REMOVE ANY SPOILS IN COMPLIANCE WITH LOCAL AND REGIONAL REGULATIONS
 7. DO NOT GRADE WITHIN 6' FROM THE TRUNKS OF EXISTING TREES

- LEGEND**
- - - 21.5 EXISTING CONTOUR
 - x 21.89 EXISTING SPOT ELEVATION TO REMAIN
 - 21.5 PROPOSED CONTOUR
 - 21.82+ PROPOSED SPOT ELEVATION

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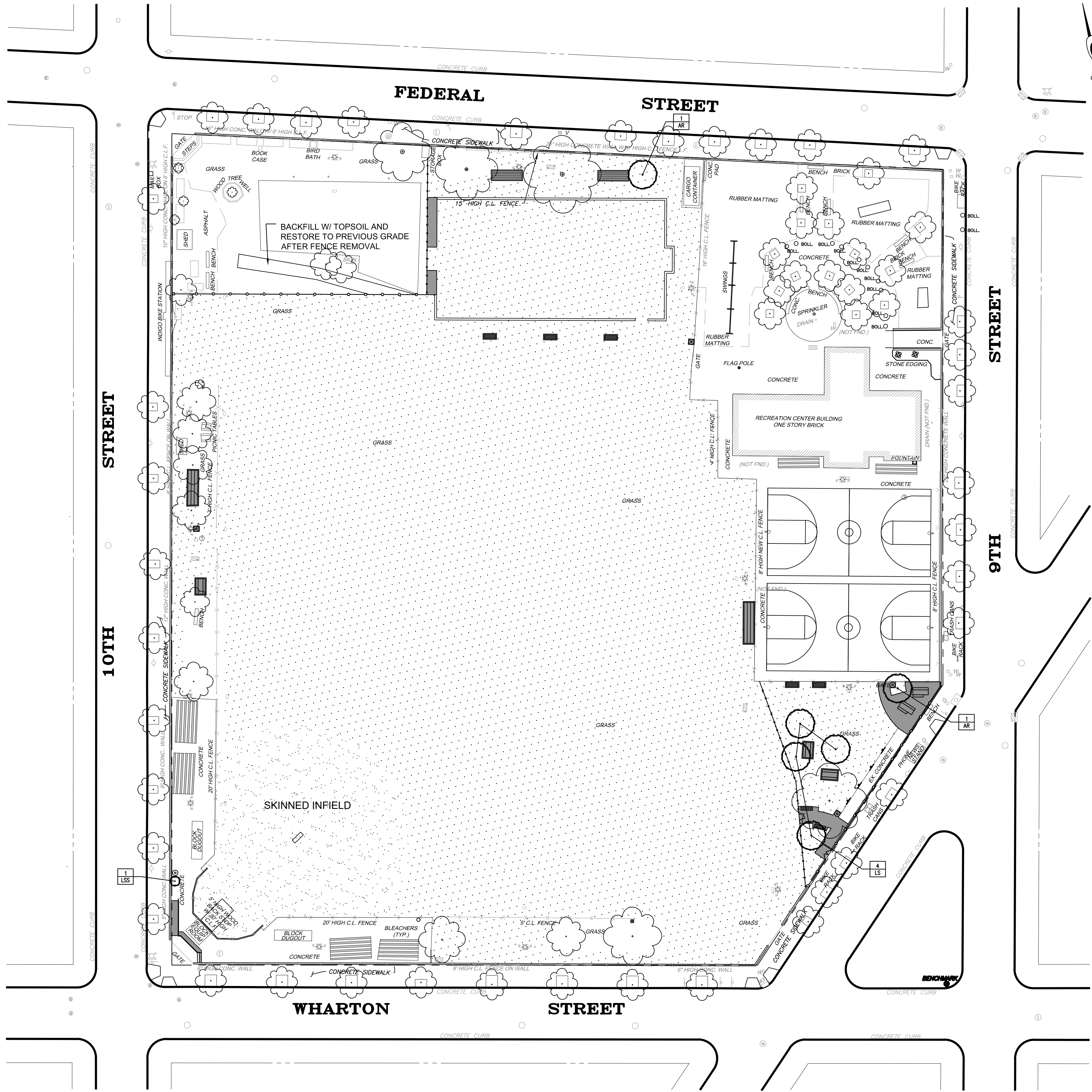
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PROJECT TITLE
Rebuild
CAPITOLO PLAYGROUND
FIELD RENOVATIONS

DRAWING TITLE
GRADING PLAN

PROJECT NO. 16150E-05-02	DRAWING NO. L-104
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: PD	
CHECKED BY: BM	FILE:

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NOTE: ALL TURF AREA TO BE AERATED PRIOR TO INSTALLATION OF TOPSOIL AND SOD

LEGEND

- PROPOSED SHADE TREE
- PROPOSED ORNAMENTAL TREE
- EXSITING TREE TO REMAIN
- PROPOSED SOD, SEE SPECIFICATION FOR SOD MIX FRESH CUT WITHIN 48 HOURS OF INSTALLATION AT THE SITE

NOTES:

- STAKE TREES UNDER 3" CAL.
- GUY TREES 3" CAL. AND OVER.
- PRUNE TO THIN AND SHAPE TREE CANOPY.
- TREE SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE.
- SET STAKES VERTICAL AND AT SAME HEIGHT.

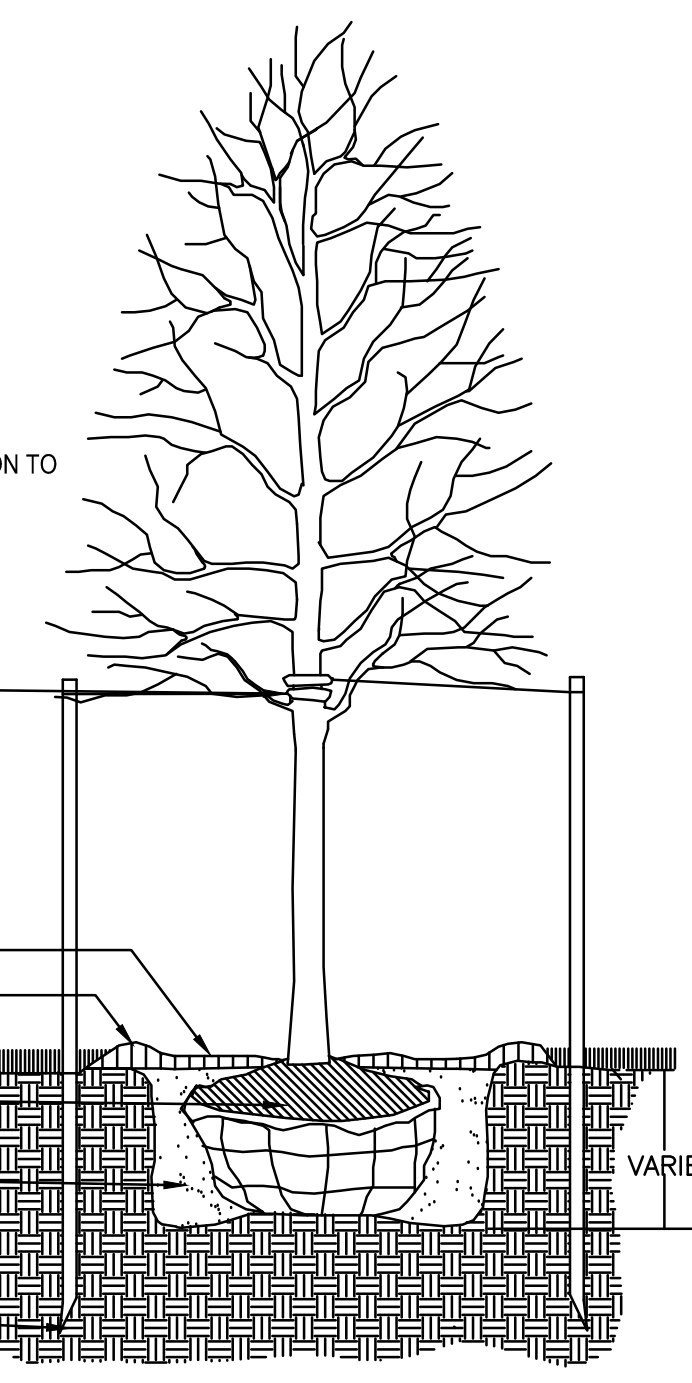
STAYS OR GUYS TO BE SET 2/3 UP TREE OR ABOVE FIRST BRANCHES.

3" OF MULCH.

REMOVE BURLAP FROM TOP 1/3 OF BALL.

SOIL MIXTURE AS SPECIFIED.

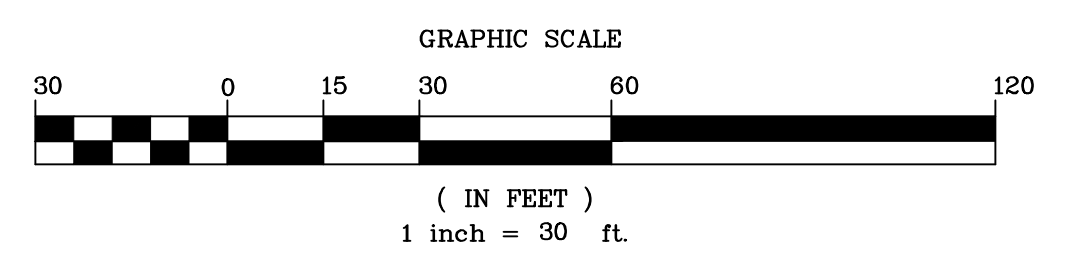
STAKES TO EXTEND 18" BELOW TREE PIT IN UNDISTURBED GROUND.



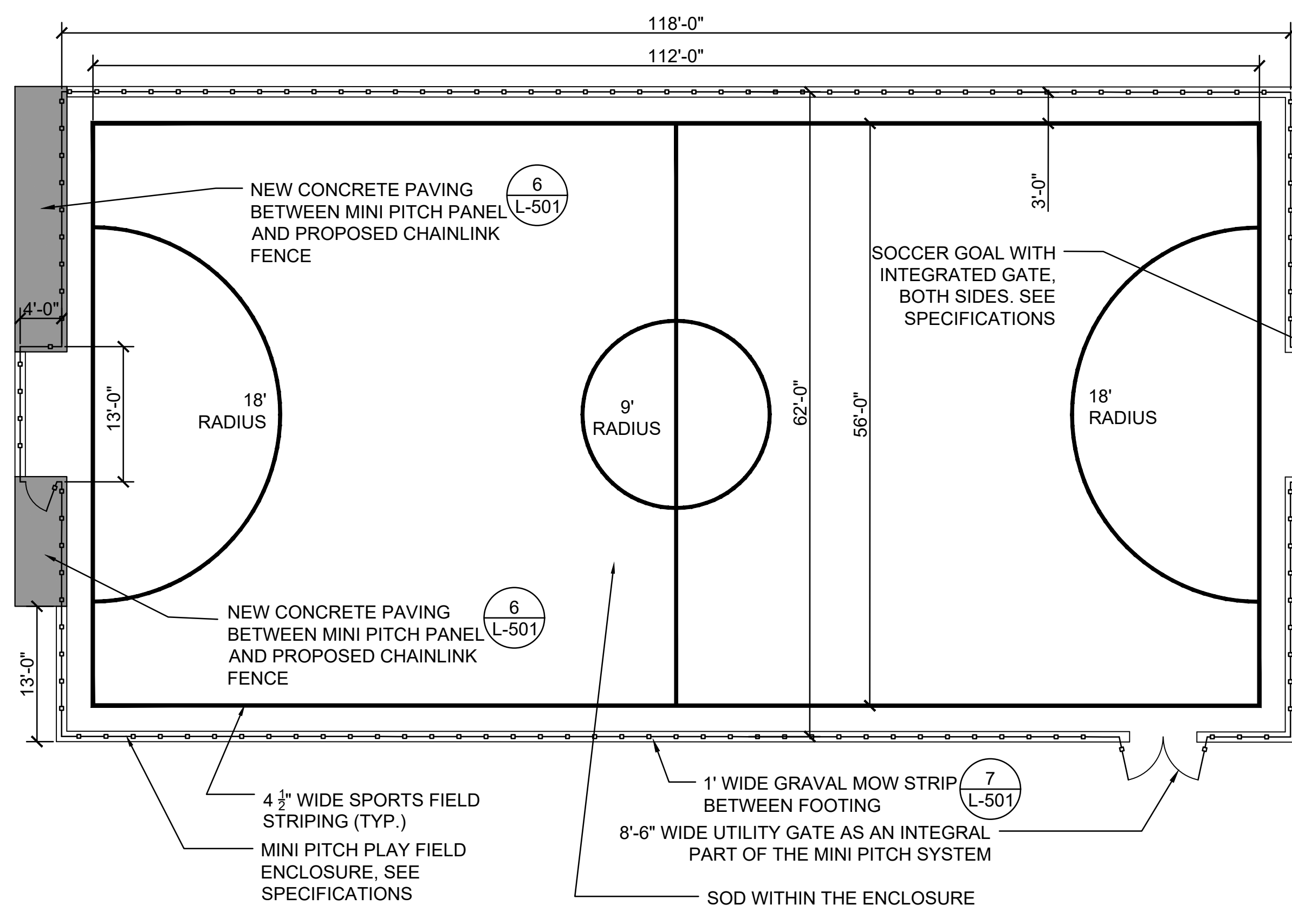
1 DECIDUOUS TREE PLANTING N.T.S.

PLANT SCHEDULE

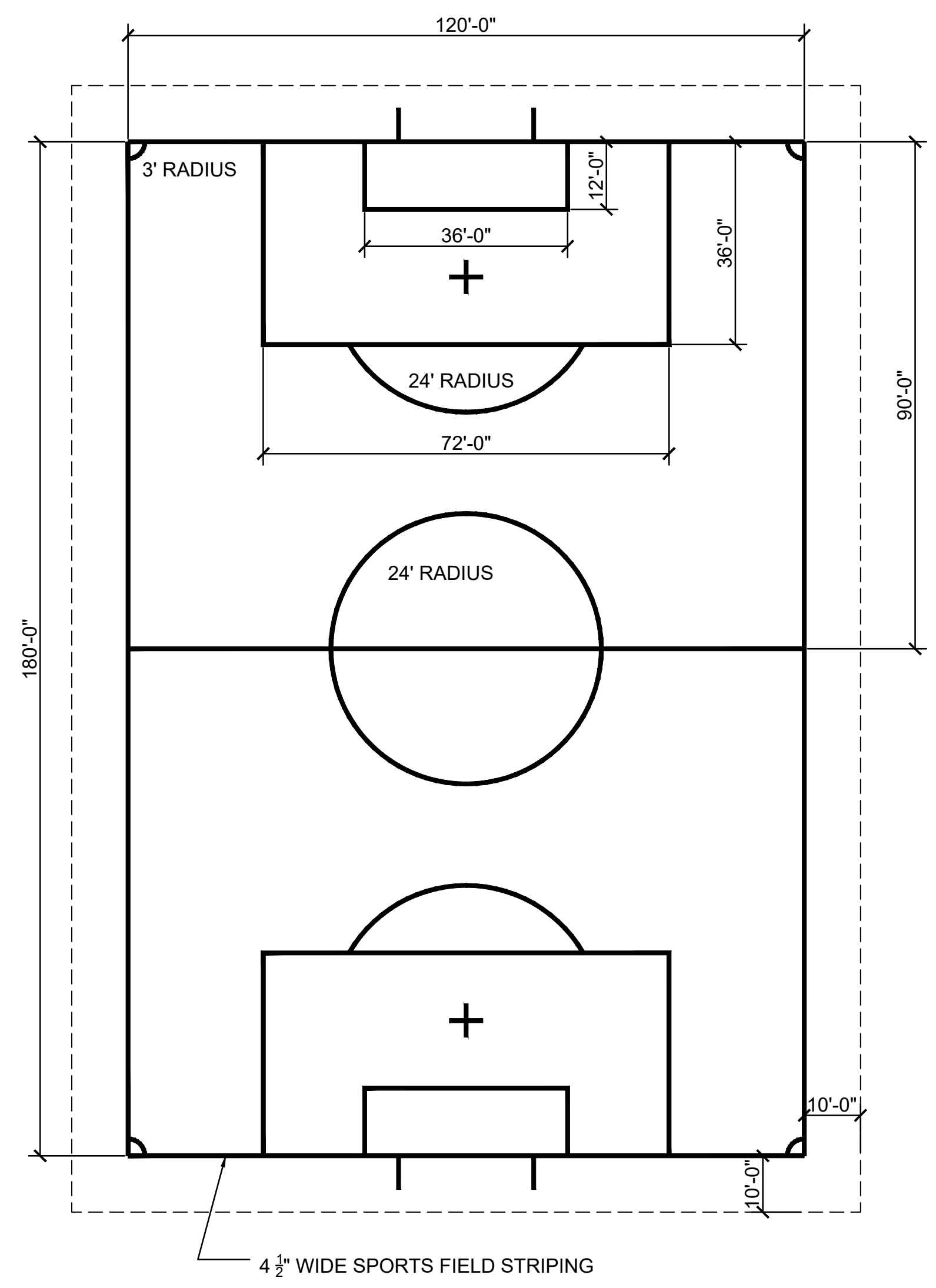
QTY	KEY	SCIENTIFIC NAME	COMMON NAME	ROOT	SIZE	REMARKS
DECIDUOUS TREES						
2	AR	<i>Acer Rubrum</i> 'Red Sunset'	Red Sunset Maple	B & B	3"-3 1/2" Cal.	
4	LS	<i>Liquidambar styraciflua</i> 'Rotundiloba'	'Rotundiloba' Sweetgum	B & B	3"-3 1/2" Cal.	
1	LSS	<i>Liquidambar styraciflua</i> 'Slender Silhouette'	Columnar Sweetgum	B & B	3"-3 1/2" Cal.	



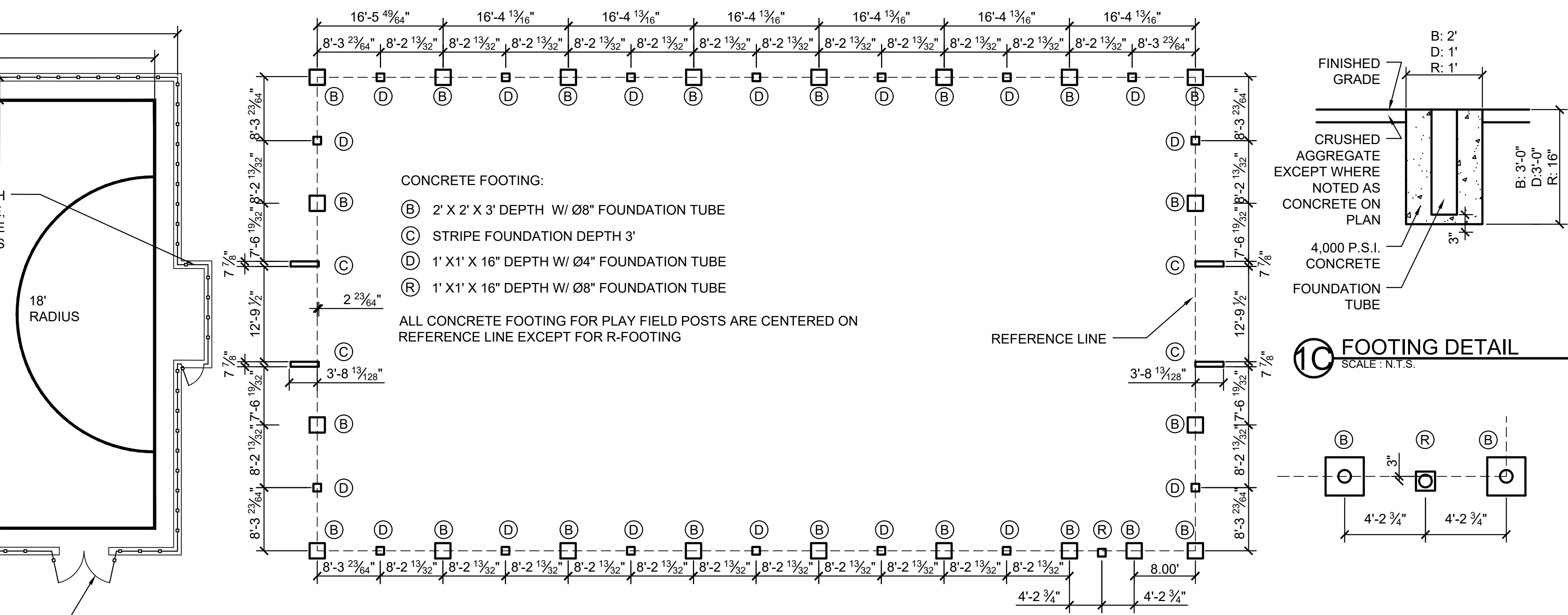
REVISIONS		
ISSUE	DATE	DESCRIPTION
PROJECT COORDINATOR Philadelphia Parks & Recreation 1515 Arch Street, 10th Floor Philadelphia, PA 19102		
SEAL		
PROJECT TEAM Landscape Architect: Synterra Ltd. SITE ARCHITECTURE, DEVELOPMENT PLANNING CONSTRUCTION MANAGEMENT www.synterrald.com 4747 S Broad St, Bldg 101, Suite LL33 Philadelphia, PA 19112 215.243.0700 http://www.synterrald.com/ Civil and Structural Engineer: KS Engineers, P.C. 36 S 3rd St Philadelphia, PA 19106 215.925.0425 http://www.kseng.com/ Community Engagement Eddie R. Battle Associates Inc. 7436 Briar Road Philadelphia, PA 19138 215.924.8699 http://www.erbaplanning.com/ Mechanical, Electrical and Plumbing Engineer: Adcon Consultants, Inc. 2465 N 50th St Philadelphia, PA 19131 215.877.8210 http://http://www.adcon-usa.com/ Archeologist: Commonwealth Heritage Group 20 Hagerty Boulevard, Suite 3 West Chester, PA 19382 610.436.9000 http://www.commonwealthheritagegroup.com/		
CITY OF PHILADELPHIA PHILADELPHIA PARKS & RECREATION 1515 ARCH STREET 11TH FLOOR, ONE PARKWAY BUILDING PHILADELPHIA, PENNSYLVANIA		
PROJECT TITLE Rebuild CAPITOLO PLAYGROUND FIELD RENOVATIONS DRAWING TITLE PLANTING PLAN, PLANT SCHEDULE AND PLANTING DETAILS		
PROJECT NO. 18190E-05-02	DRAWING NO. L-106	
DATE: JULY 27, 2021	SCALE: AS SHOWN	
DRAWN BY: PD	CHECKED BY: BM	
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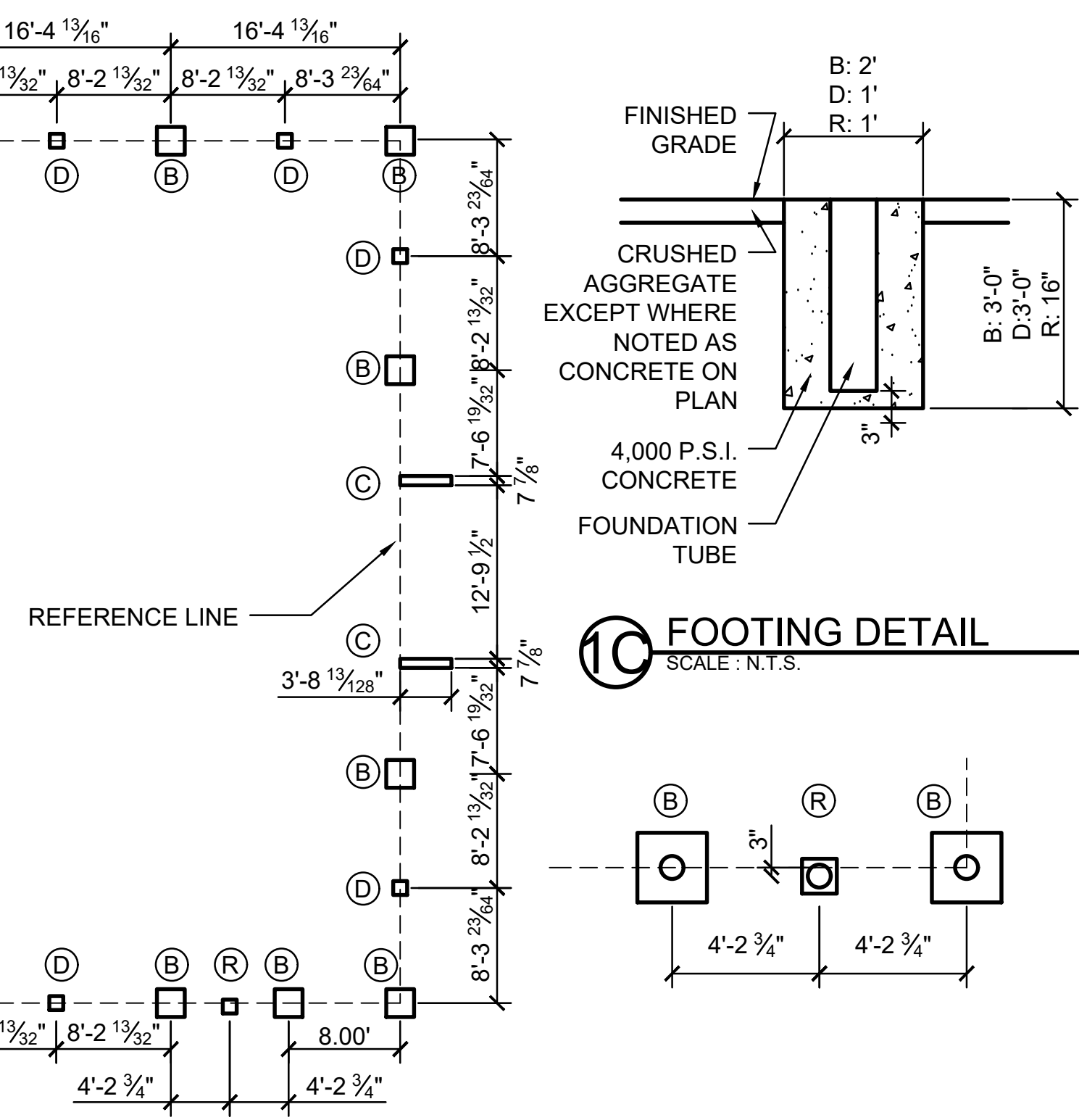
1 5a-SIZE MINI PITCH LAYOUT
SCALE: 1" = 10'-0"



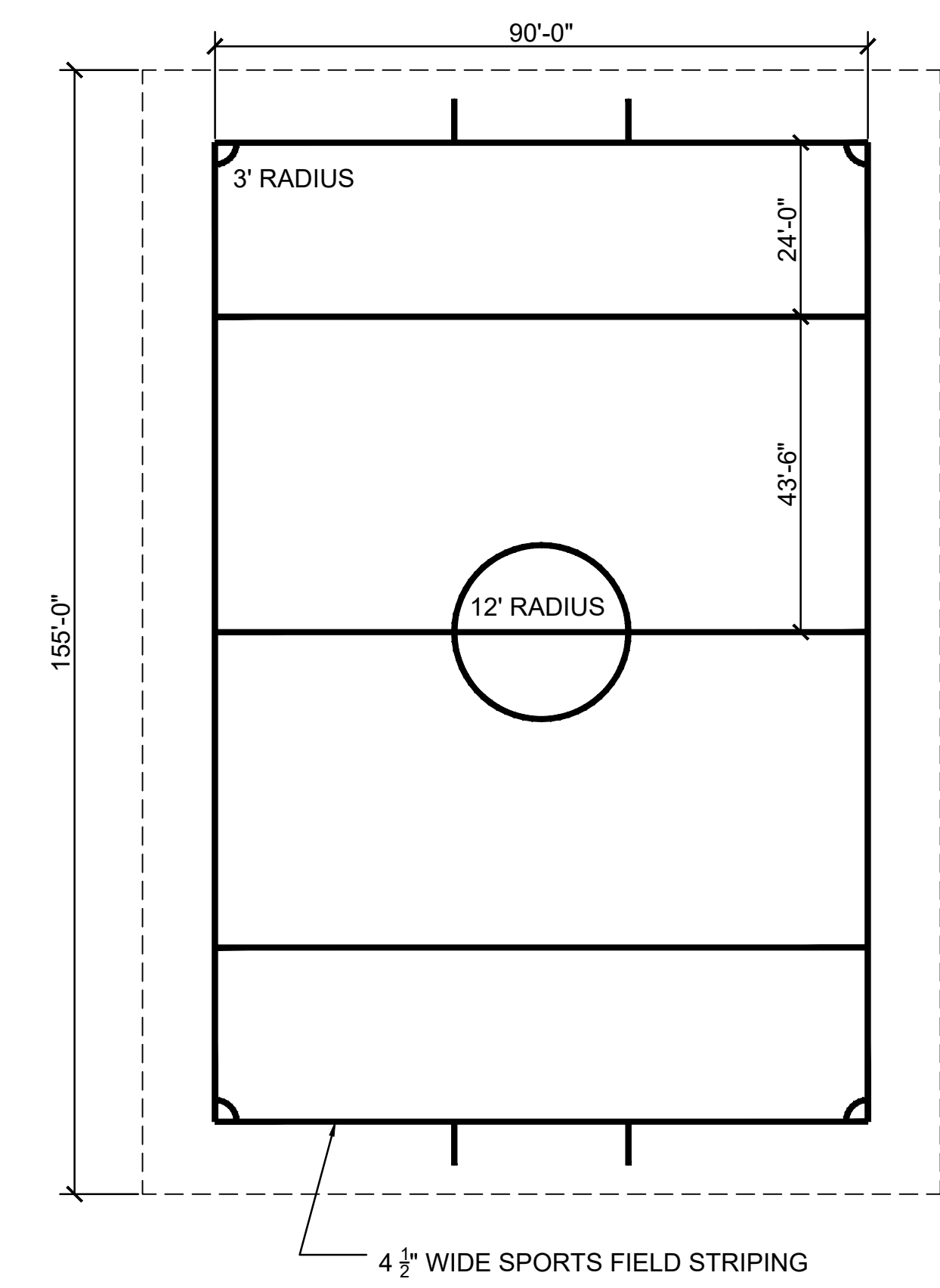
2 U10 YOUTH SOCCER FIELD LAYOUT
SCALE: 1" = 20'-0"



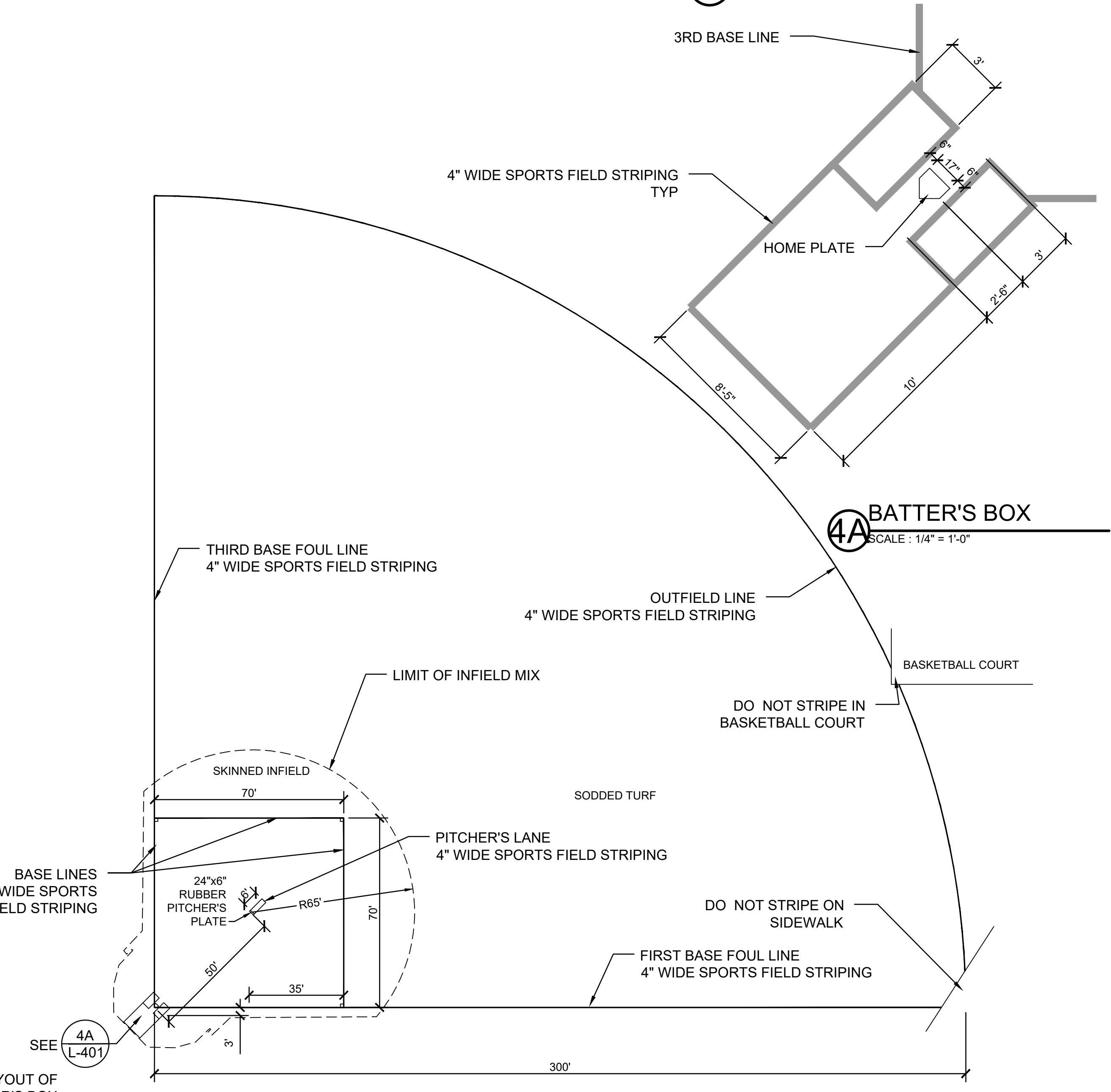
1A MINI PITCH FOOTING LAYOUT
SCALE: 1" = 10'-0"



1B FOOTING AT MAINTENANCE GATE
SCALE: N.T.S.



3 U9 YOUTH SOCCER FIELD LAYOUT
SCALE: 1" = 20'-0"



4 USSSA MEN'S SLOW PITCH SOFTBALL FIELD LAYOUT
SCALE: 1" = 30'-0"

REVISIONS		
ISSUE	DATE	DESCRIPTION

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4747 S Broad St, Bldg 101, Suite LL33
Philadelphia, PA 19112
215.243.0700 | http://www.synterrald.com/

Civil and Structural Engineer:
KS Engineers, P.C.
35 S 3rd St.
Philadelphia, PA 19106
215.925.0425 | http://www.kseng.com/

Community Engagement
Eddie R. Battle Associates Inc.
7436 Briar Road
Philadelphia, PA 19138
215.924.8699 | http://www.erbaplanning.com/

Mechanical, Electrical and Plumbing Engineer:
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2465 N 50th St
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Archeologist:
Commonwealth Heritage Group
20 Hagerty Boulevard, Suite 3
West Chester, PA 19382
610.436.9000 | http://www.commonwealthheritagegroup.com/

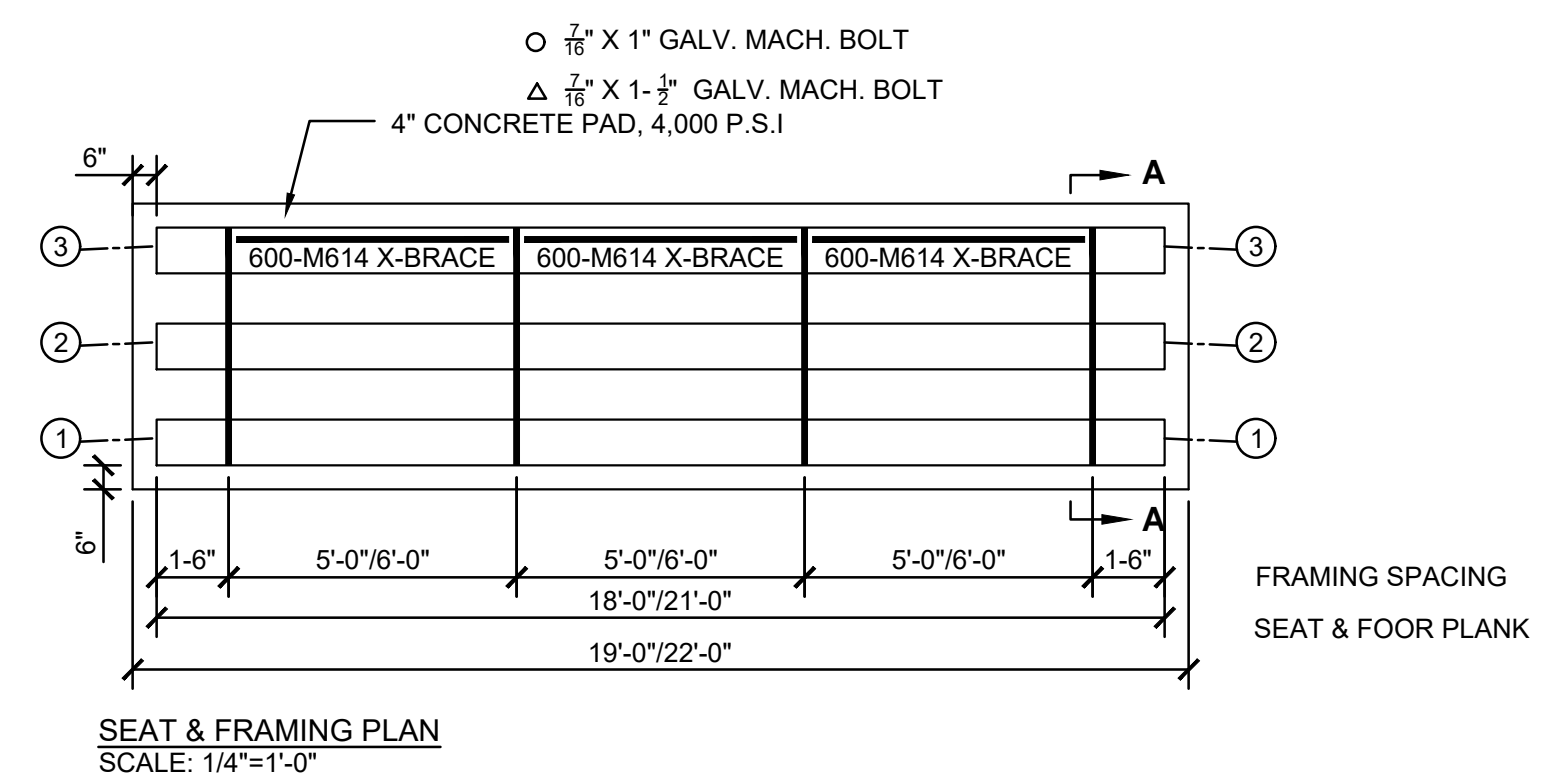
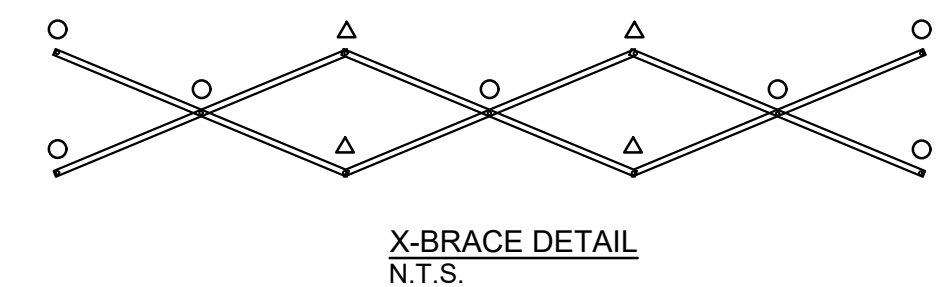
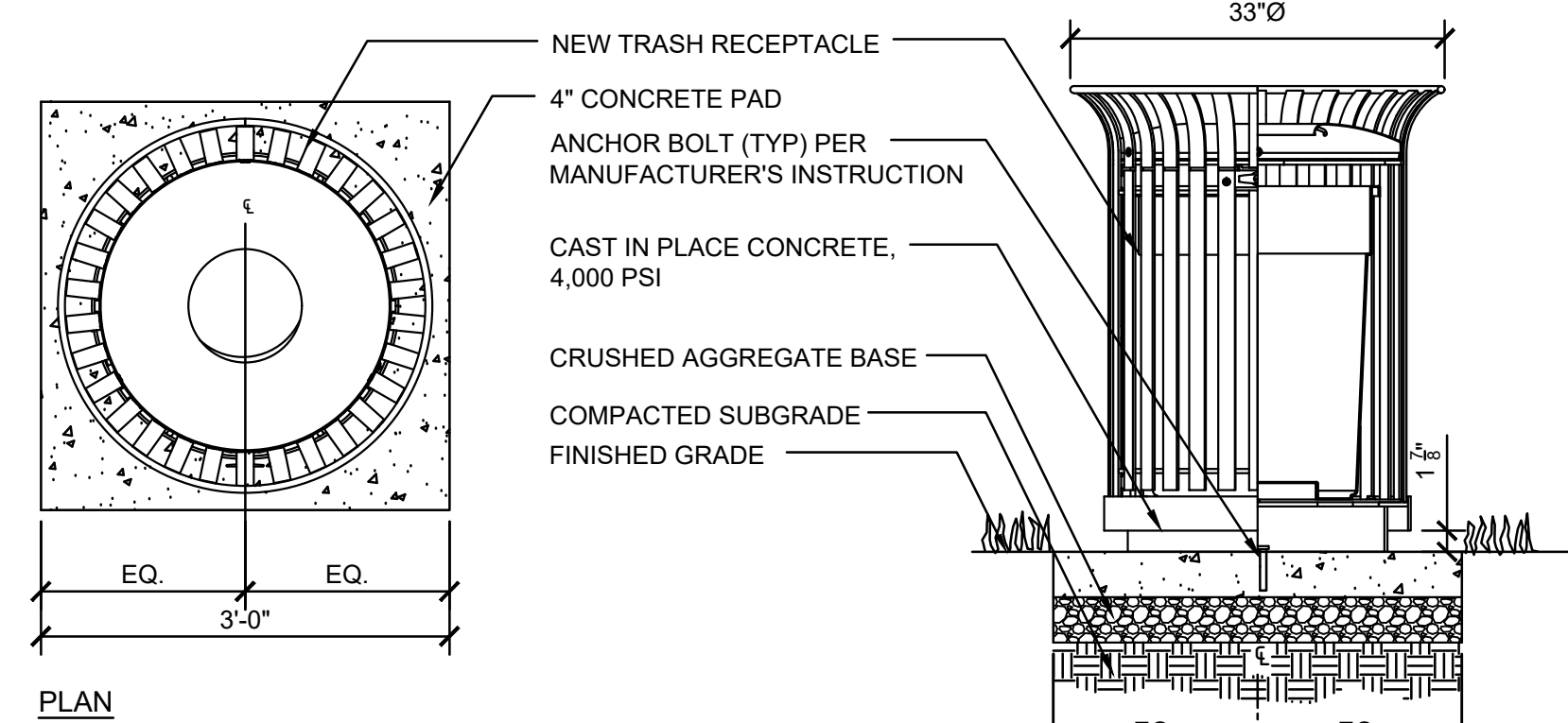
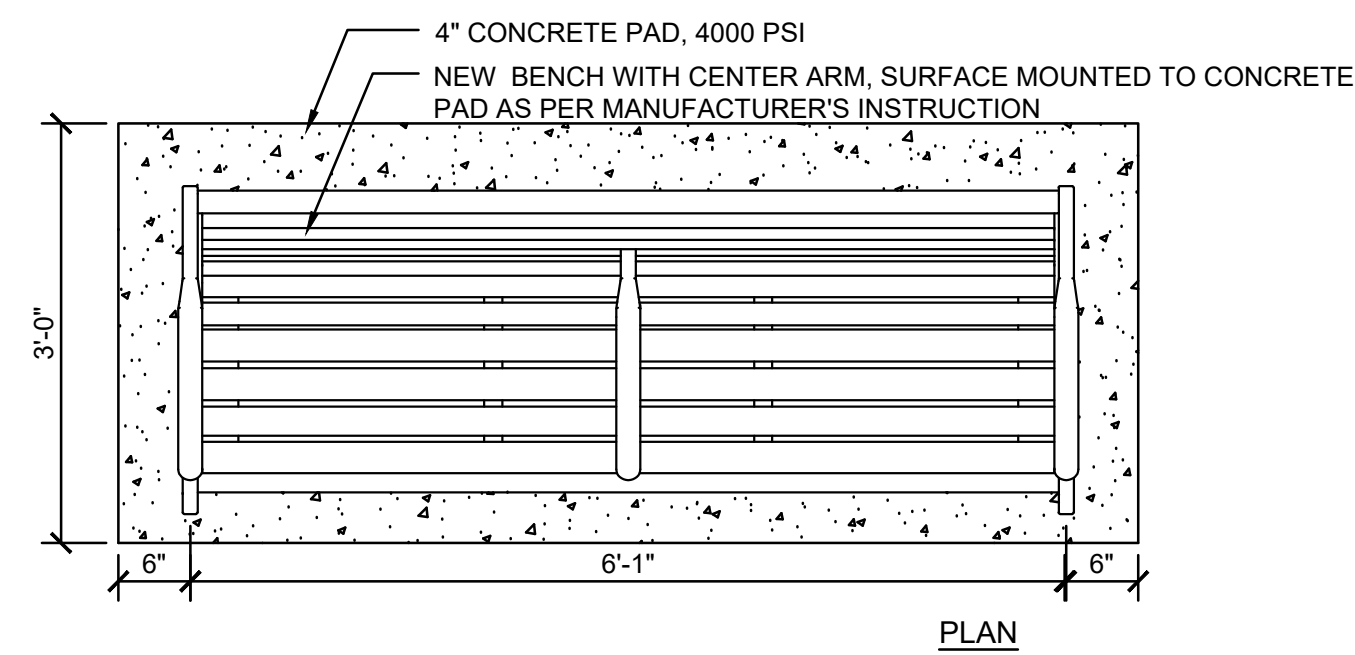
CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
Rebuild
CAPITOLE PLAYGROUND
FIELD RENOVATIONS

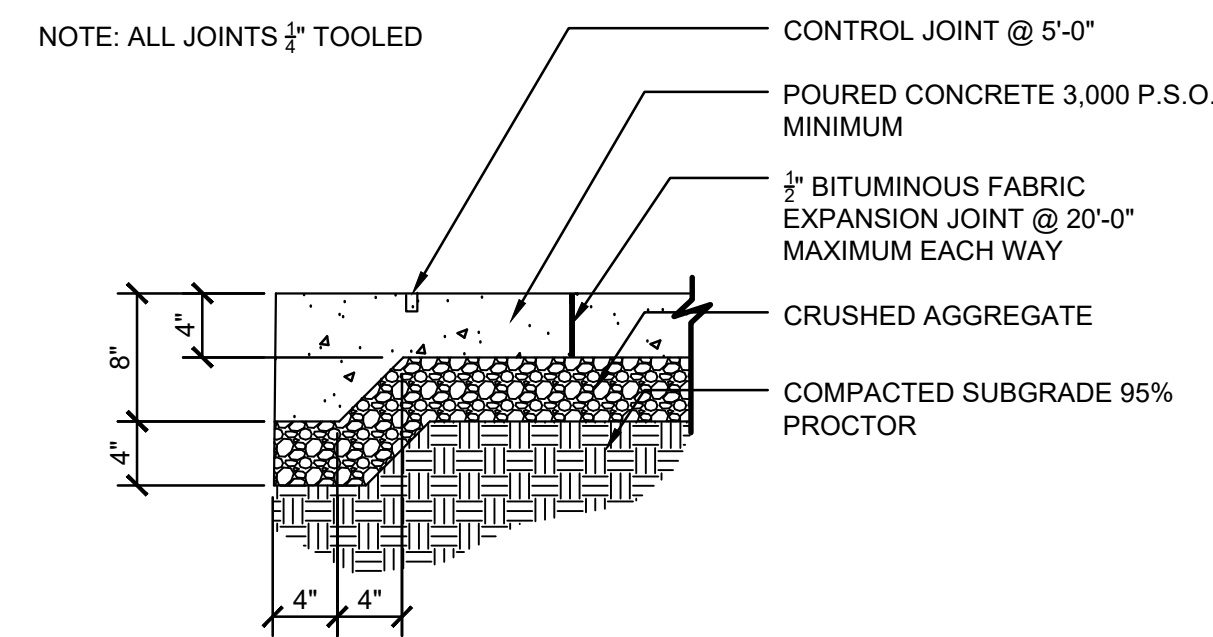
DRAWING TITLE
FIELD STRIPING AND FOOTING PLANS

PROJECT NO. 18190E-05-02	DRAWING NO. L-401
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: PD	
CHECKED BY: BM	FILE:

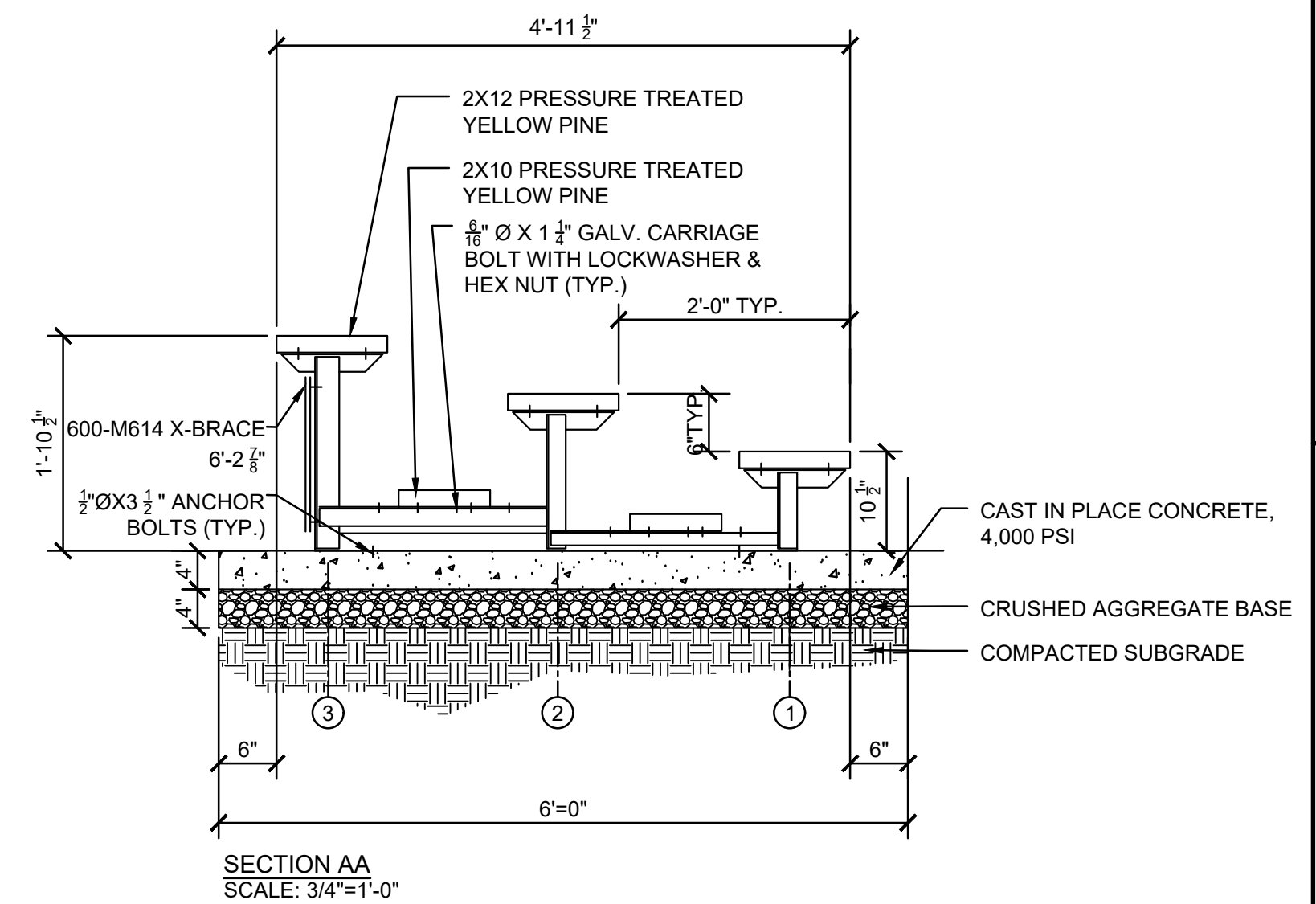
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



3 Trash Receptacle on Concrete Pad
SCALE: 3/4"=1'-0"

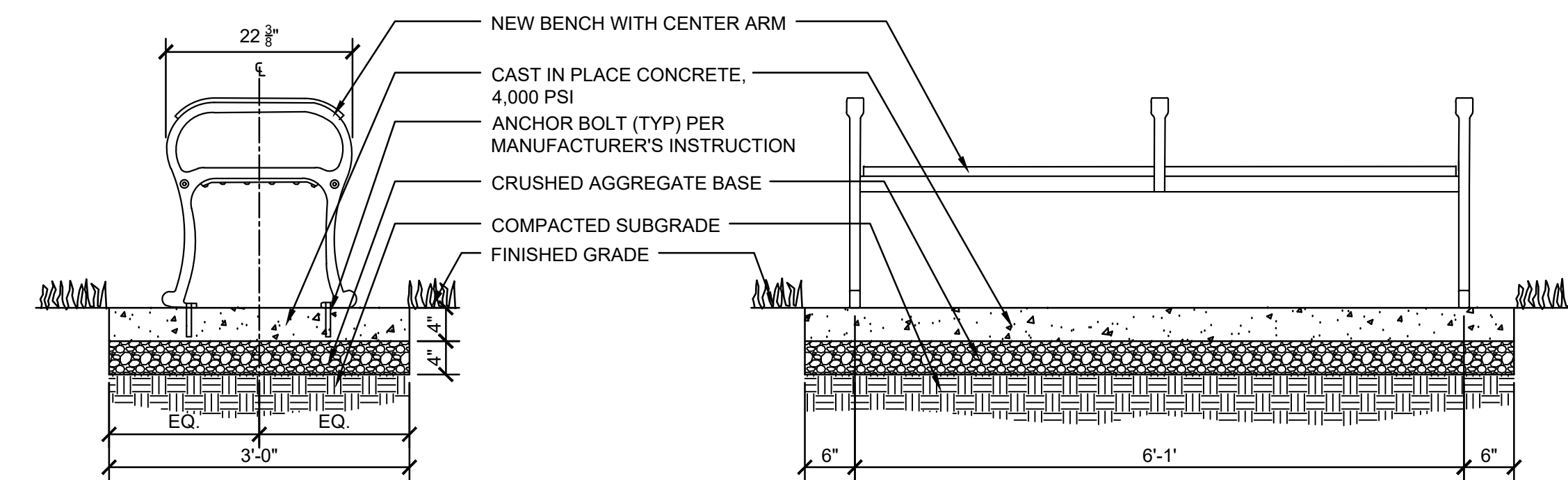


6 Concrete Paving
SCALE: 3/4"=1'-0"

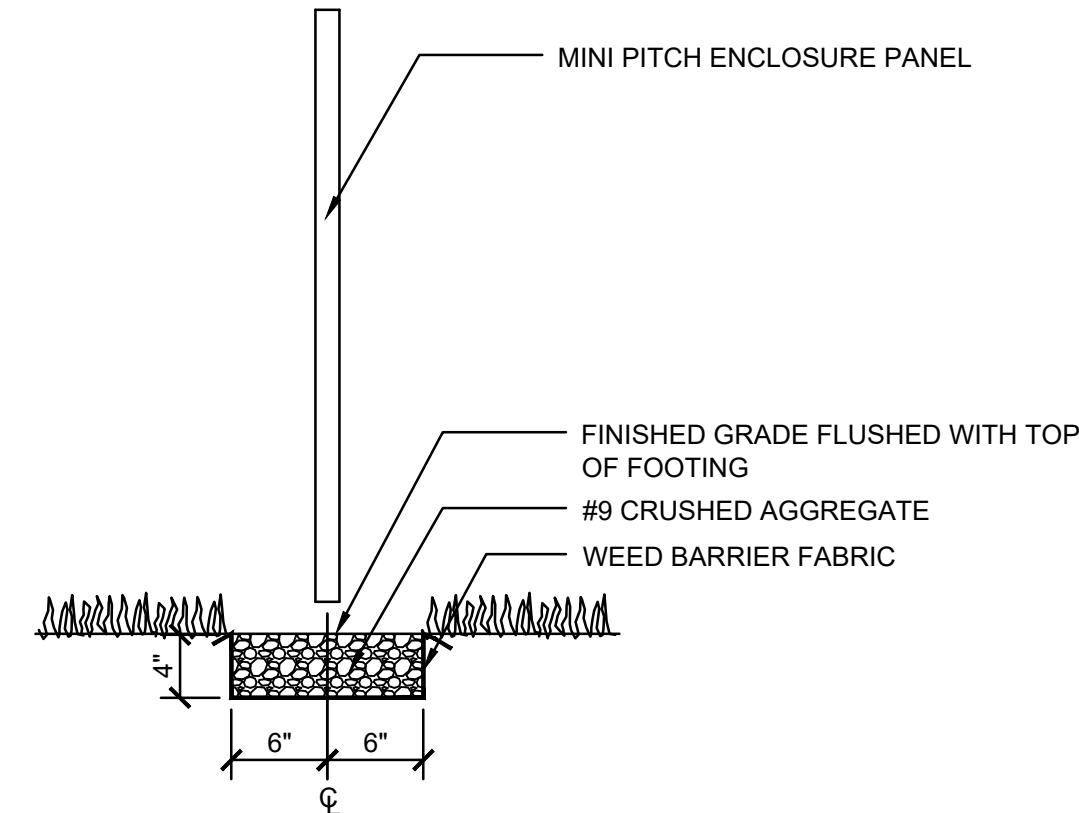


4 Steel Frame 3-row Bleacher with Wood Seats
SCALE: 3/4"=1'-0"

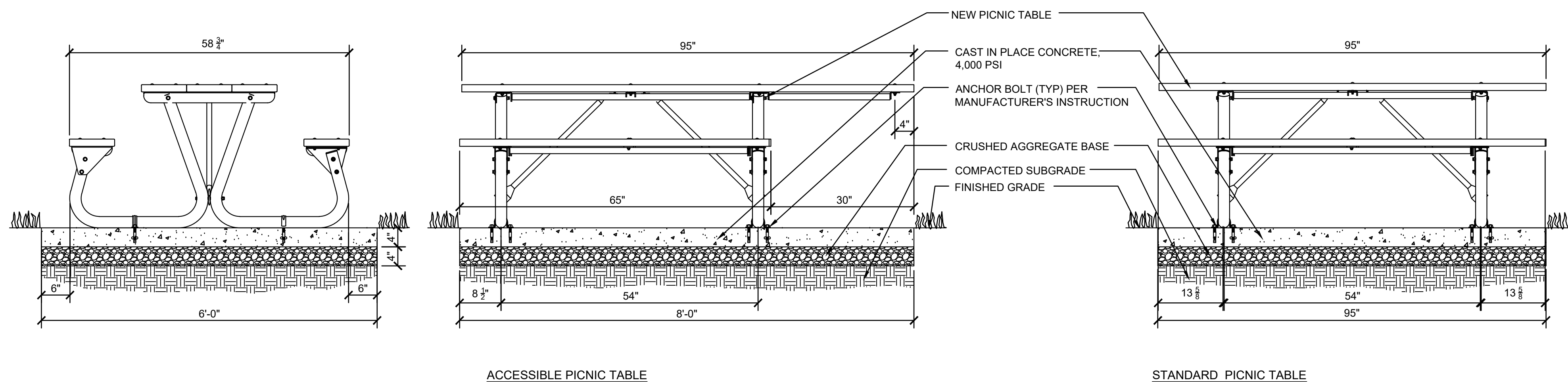
1 Backed Bench on Concrete Pad
SCALE: 3/4"=1'-0"



2 Backless Bench on Concrete Pad
SCALE: 3/4"=1'-0"



7 Gravel Mow Strip for Mini Pitch Panels
SCALE: 1"=1'-0"



5 Picnic Table on Concrete Pad
SCALE: N.T.S.

REVISIONS		
ISSUE	DATE	DESCRIPTION

PHILADELPHIA
MANETO

PROJECT COORDINATOR
Philadelphia Parks & Recreation
1515 Arch Street, 10th Floor
Philadelphia, PA 19102

SEAL

PROJECT TEAM
Landscape Architect:
Synterra Ltd.
SITE ARCHITECTURE, DEVELOPMENT PLANNING
CONSTRUCTION MANAGEMENT
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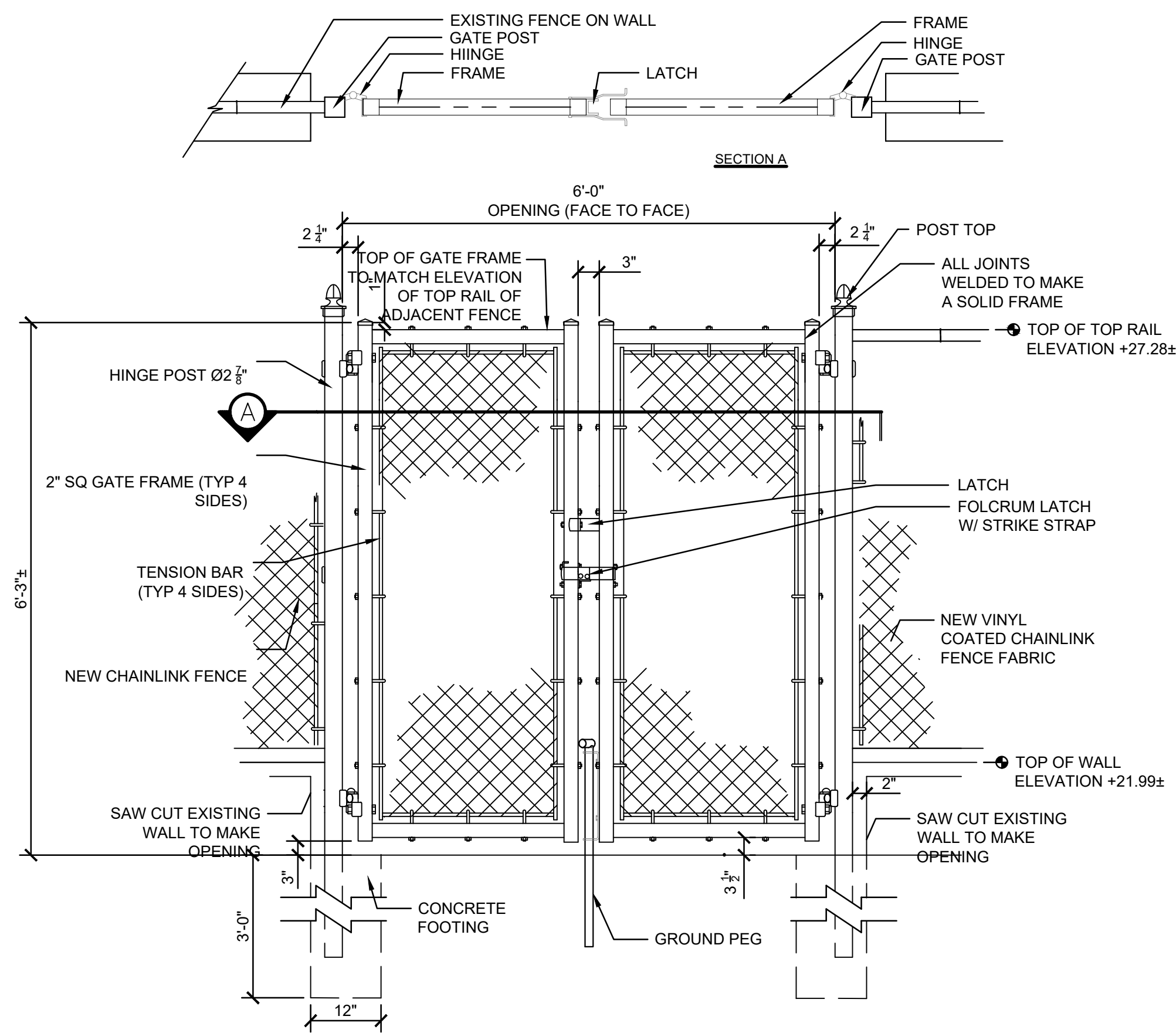
CITY OF PHILADELPHIA
PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
Rebuild
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FIELD RENOVATIONS

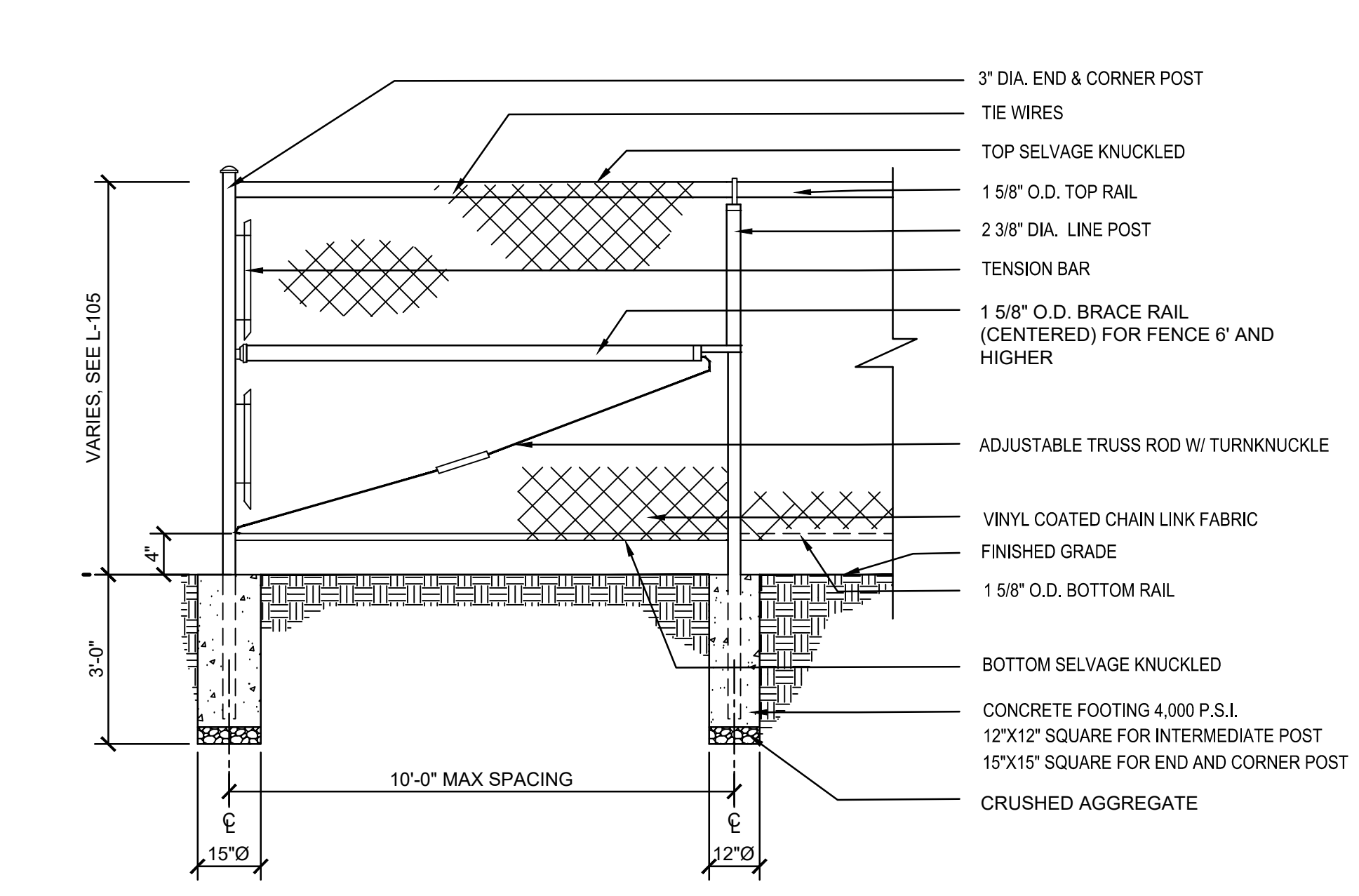
DRAWING TITLE
LANDSCAPE DETAILS

PROJECT NO. 18190E-05-02	DRAWING NO. L-501
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: PD	
CHECKED BY: BM	

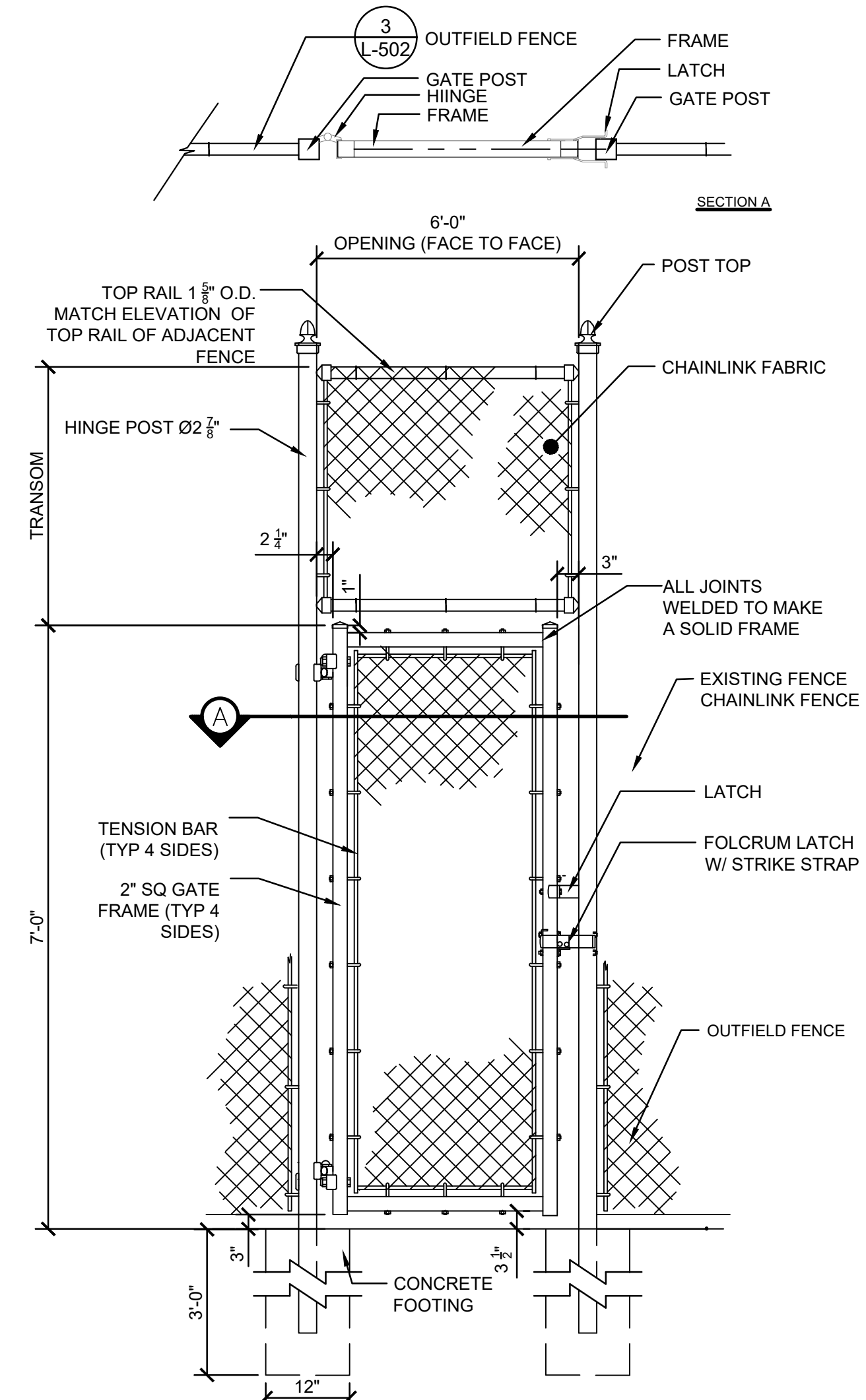
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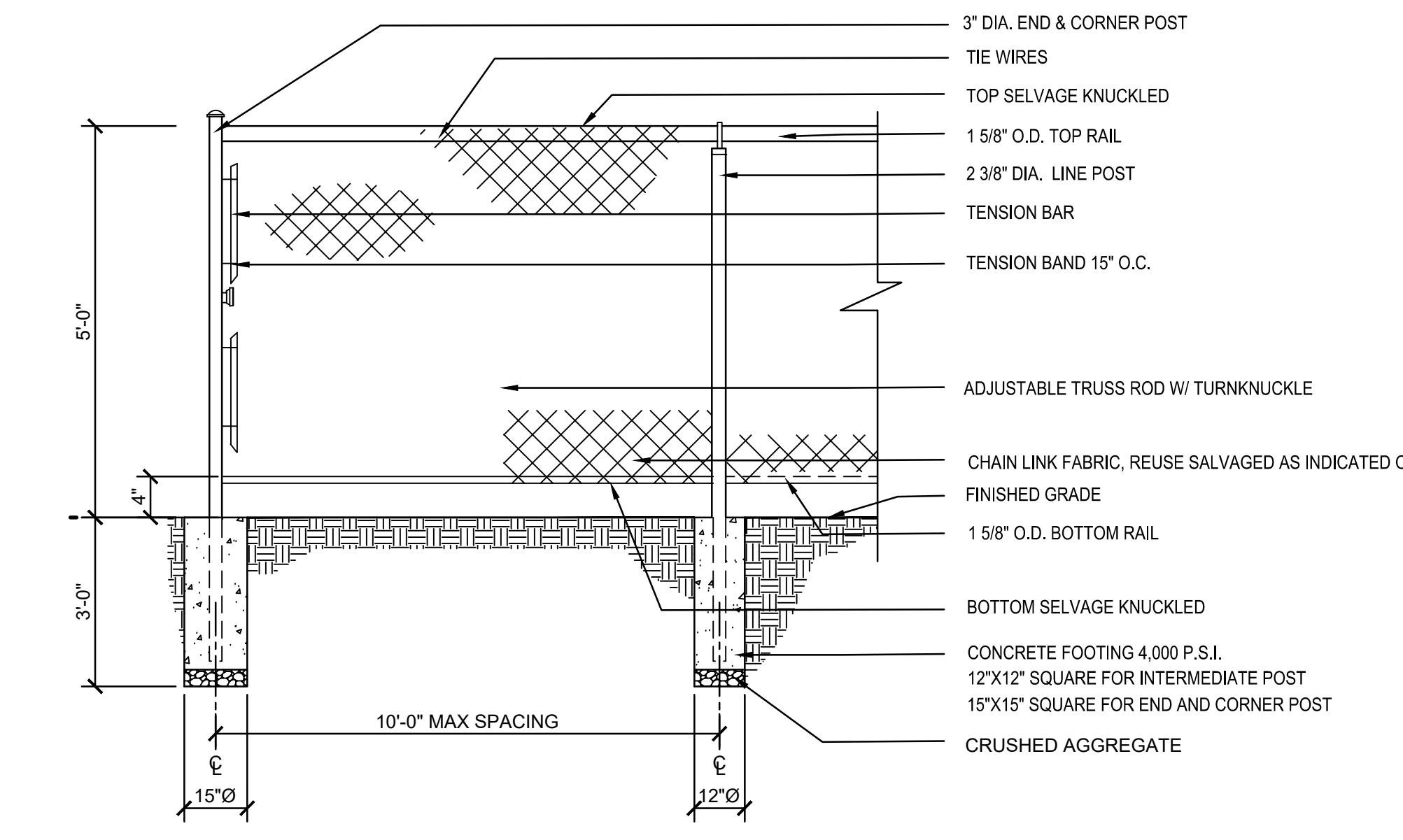
1 VINYL COATED CHAINLINK FENCE GATE ON PASSYUNK AVE
SCALE: 3/4"=1'-0"



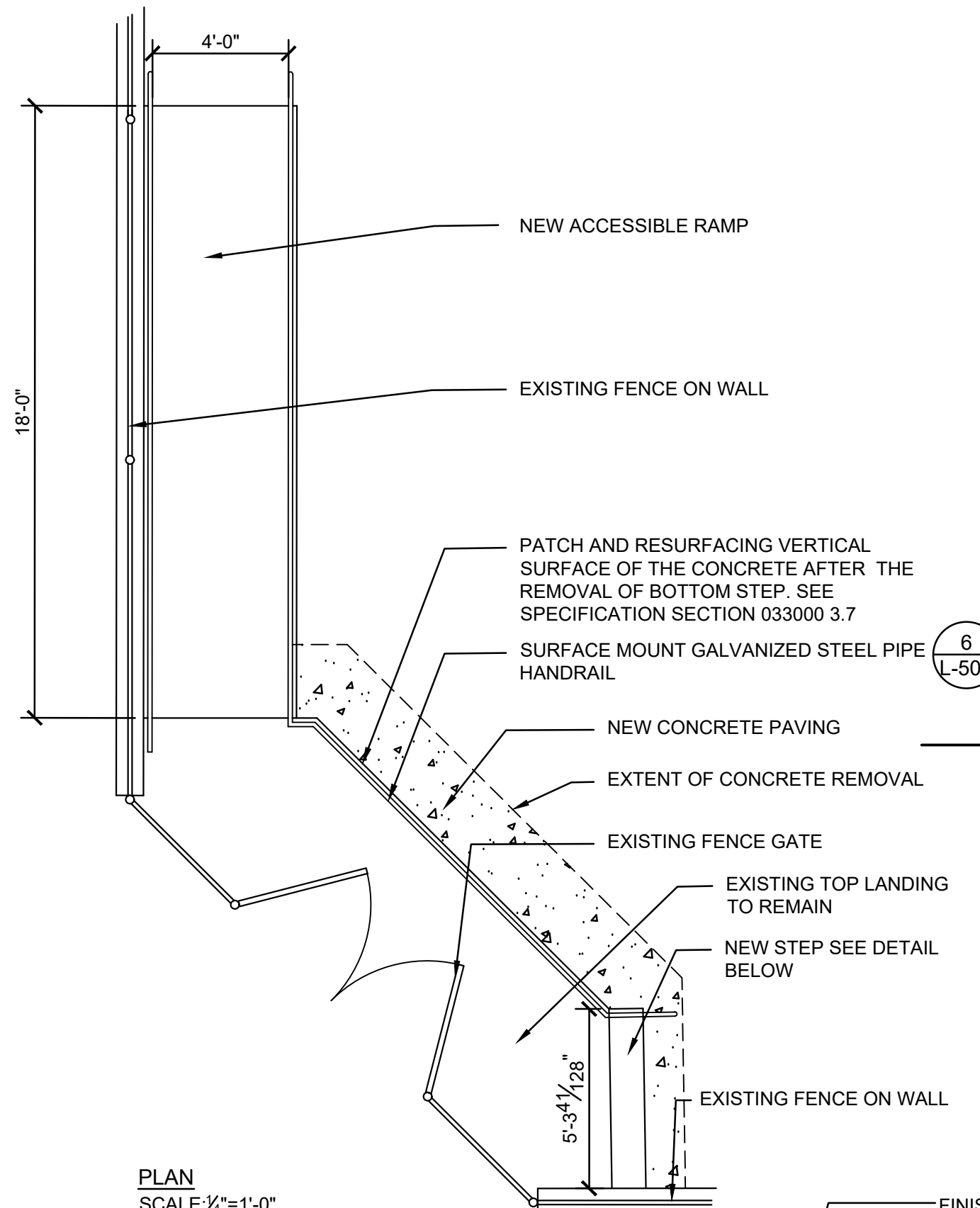
3 CHAINLINK FENCE - 6' HIGH AND OVER
N.T.S.



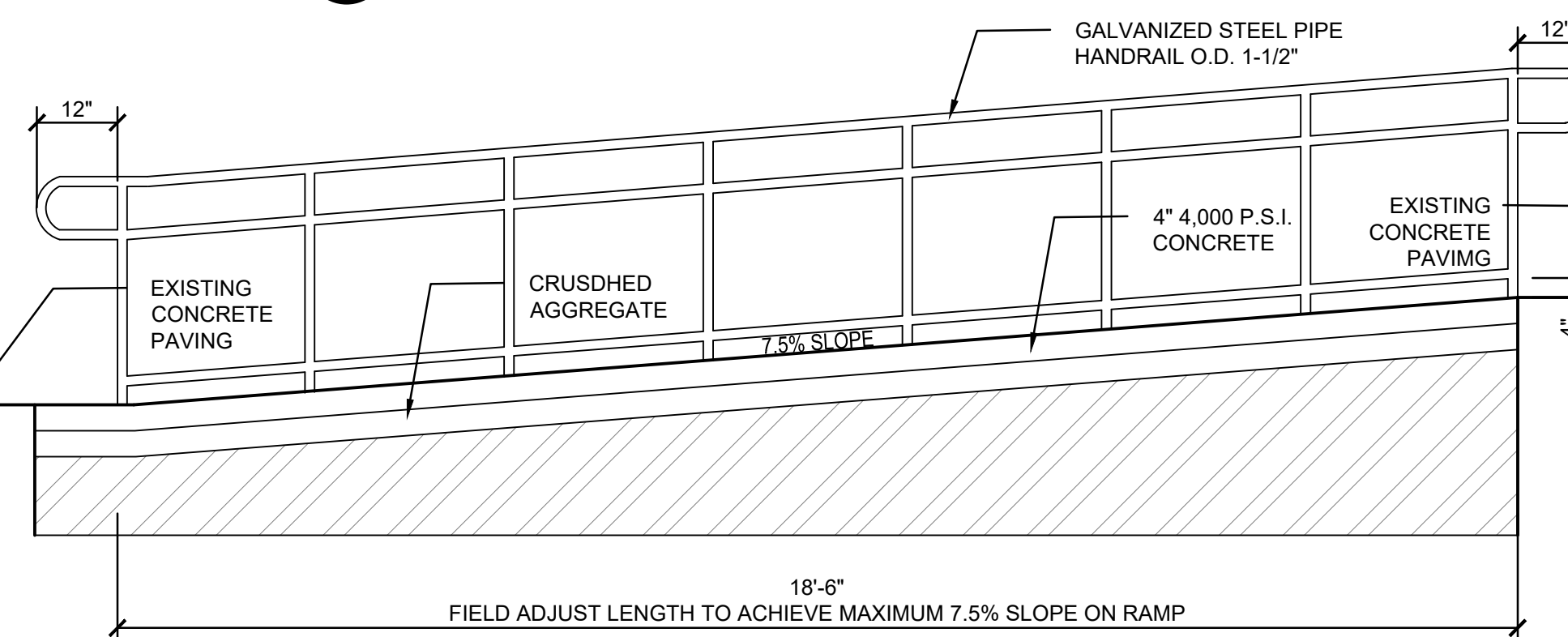
4 CHAINLINK FENCE - AT OUTFIELD FENCE
N.T.S.



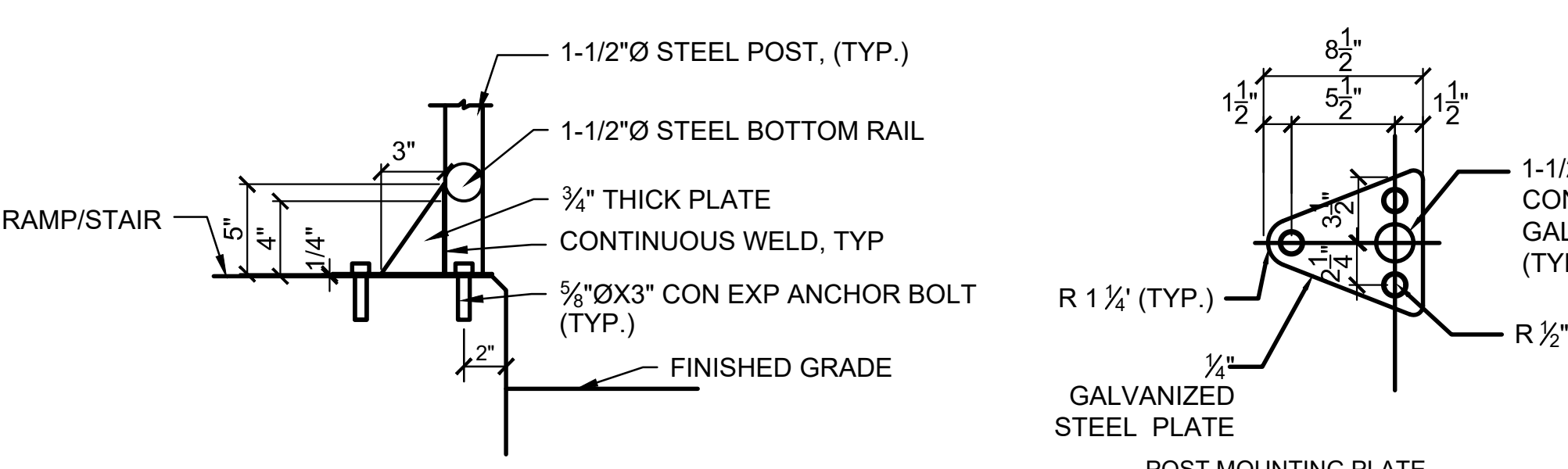
2 VINYL COATED CHAINLINK FENCE - 5' HIGH
N.T.S.



PLAN SCALE: 1/4"=1'-0"



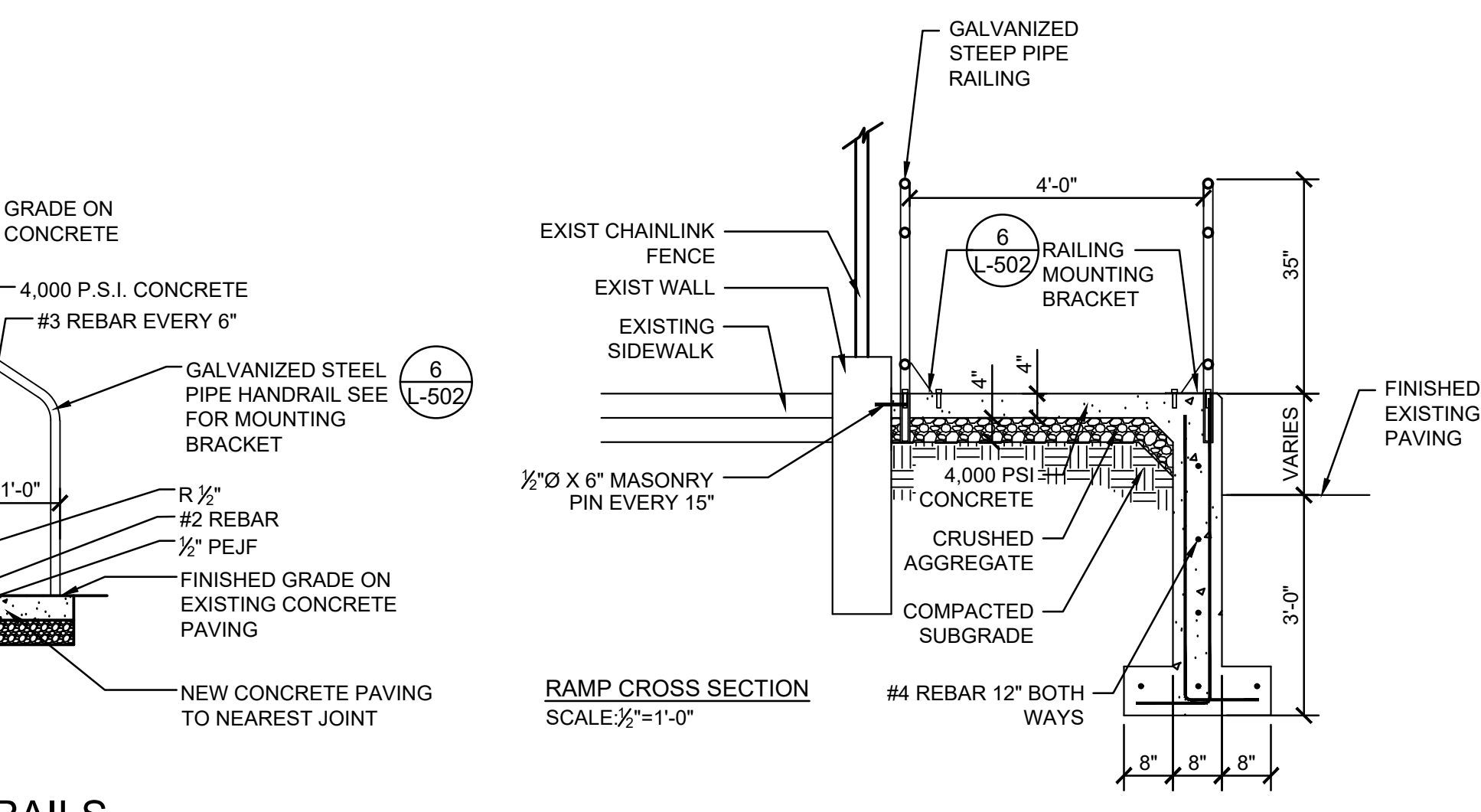
RAMP CROSS SECTION SCALE: 1/2"=1'-0"



6 RAILING MOUNTING BRACKET
N.T.S.



5 ACCESSIBLE RAMP AND STEPS WITH HANDRAILS
AS SHOWN



RAMP CROSS SECTION SCALE: 1/2"=1'-0"

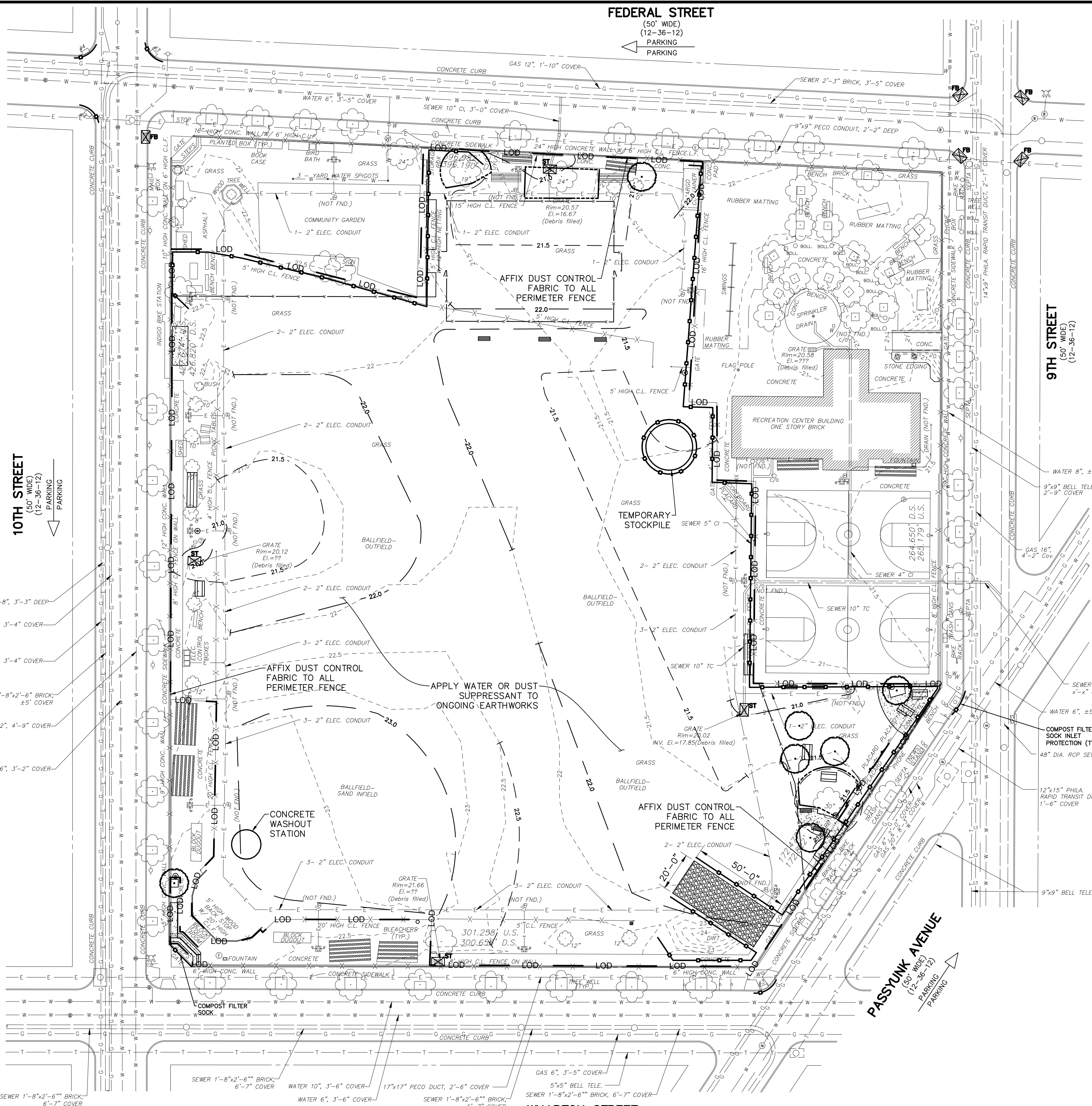
REVISIONS		
ISSUE	DATE	DESCRIPTION
		
PROJECT COORDINATOR Philadelphia Parks & Recreation 1515 Arch Street, 10th Floor Philadelphia, PA 19102		
SEAL		
PROJECT TEAM Landscape Architect:  SITE ARCHITECTURE, DEVELOPMENT PLANNING CONSTRUCTION MANAGEMENT www.synterra.com		
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CITY OF PHILADELPHIA PHILADELPHIA PARKS & RECREATION 1515 ARCH STREET 11TH FLOOR, ONE PARKWAY BUILDING PHILADELPHIA, PENNSYLVANIA		
PROJECT TITLE Rebuild CAPITOLE PLAYGROUND FIELD RENOVATIONS		
DRAWING TITLE LANDSCAPE DETAILS		
PROJECT NO.	DRAWING NO.	
16190E-05-02	L-502	
DATE: JULY 27, 2021		
SCALE:		
DRAWN BY: PD		
CHECKED BY: BM		
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.		

EXISTING LEGEND	
	BUILDING
	CONCRETE CURB
	PROPERTY LINES
	CONTOUR LINE
	GAS LINE
	POTABLE WATER
	SANITARY SEWER
	STORM DRAIN/COMBINED SEWER
	TELEPHONE CONDUIT
	ELECTRIC CONDUIT
	OVERHEAD UTILITY
	FENCE
	UNKNOWN MANHOLE
	TELEPHONE MANHOLE
	SANITARY MANHOLE
	STORM MANHOLE
	COMBINED MANHOLE
	ELECTRIC MANHOLE
	WATER MANHOLE
	WATER VALVE
	GAS VALVE
	UNKNOWN VALVE
	SEWER VENT
	FIRE HYDRANT
	UTILITY POLE/STREET LIGHT
	LIGHT POLE
	SIGN
	FLAG POLE
	TREE
	MAIL BOX
	BOLLARD
	CLEAN OUT
	CITY INLET
	GRATE INLET
	OPEN MOUTH GRATE INLET
	AREA DRAIN
	ELECTRICAL JUNCTION BOX
	BLEACHERS
	PICNIC TABLES

E&S LEGEND	
	LIMIT OF DISTURBANCE AND PROJECT SITE BOUNDARY
	MAJOR CONTOUR LINE
	MINOR CONTOUR LINE
	COMPOST FILTER SOCK
	CONSTRUCTION TREE PROTECTION
	FILTER BAG INLET PROTECTION
	STONE AND CONCRETE BLOCK INLET PROTECTION
	ROCK CONSTRUCTION ENTRANCE

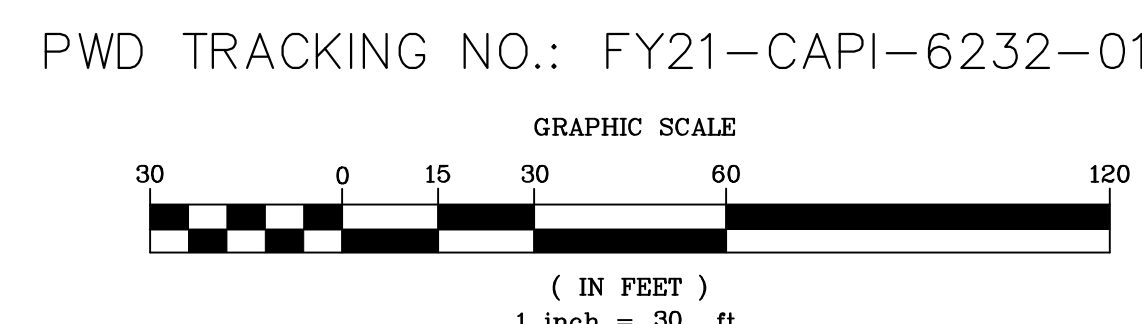
NOTES:

- EXISTING CONCRETE AND BITUMINOUS PAVING TO BE SAW-CUT ALONG LIMIT OF DISTURBANCE LINE WITH A CLEAN CUT LINE TO A SUFFICIENT DEPTH TO ALLOW THE REMOVAL OF PAVING WITHOUT DISTURBING THE EXISTING PAVING THAT IS TO REMAIN.
- ALL EXISTING FILL TO BE REMOVED FROM SITE IN ACCORDANCE WITH THE PA DEP MANAGEMENT OF FILL POLICY AND REGULATIONS.
- COMPOST FILTER SOCK OF PAVING TO BE WEIGHTED DOWN BY OBJECTS OF CONSIDERABLE MASS (SAND, BAGS, CONCRETE BLOCK OR OTHER SUITABLE MATERIAL).
- INLET PROTECTION IN ROADWAYS NOT TO INCLUDE STONE OR BERMS FOR ROADWAY MAINTENANCE PURPOSES.
- MAXIMUM HEIGHT FOR STOCKPILE AREAS TO BE 20 FEET. THE REMAINING SIDE SLOP FOR STOCKPILE AREAS NOT TO EXCEED 2:1.
- CONSTRUCTION, DEMOLITION AND EARTHWORK DUST CONTROL TO BE COMPLETED IN ACCORDANCE WITH THE CITY OF PHILADELPHIA DUST CONTROL REQUIREMENTS (AIR MANAGEMENT REGULATIONS (AMR) II, SECTION IX.) AND TO INCLUDE BUT NOT LIMITED TO:
 - NOTIFY OCCUPANTS OF NEARBY PROPERTIES, IN WRITING 10 DAYS BEFORE ENGAGING IN EARTHWORK, CONSTRUCTION AND DEMOLITION ACTIVITIES.
 - USE OF VACUUM, OR SIMILAR SUCTION SYSTEMS TO CAPTURE DUST KICKED UP BY POWER TOOLS WHEN GRINDING OR CUTTING.
 - APPLICATION OF WATER OR APPROVED DUST CONTROL SUPPRESSANT DURING EXCAVATION, DEMOLITION AND/OR CONSTRUCTION TO SUPPRESS DUST FORMATION.
 - COVERING AND WETTING STOCKPILES OF EARTH, SAND, GRAVEL AND OTHER SIMILAR CONSTRUCTION MATERIALS.
 - ALL PERIMETER FENCING MUST HAVE DUST CONTROL FABRIC AND MUST MEASURE A MINIMUM OF 5 FEET IN HEIGHT FROM THE BOTTOM OF FENCING.
 - 10 MILE PER HOUR SPEED LIMIT FOR ALL EQUIPMENT AND TRUCKS TRAVELING WITHIN THE WORK SITE.
 - WETTING AND SWEEPING OF ROADWAYS/ACCESS ROAD IN A WORK SITE TO PREVENT DUST FORMATION.
- STONE INLET PROTECTION SHALL NOT BE USED WITHIN THE STREET RIGHT-OF-WAY.



SOIL SYMBOL	SOIL DESCRIPTION	% OF SITE	RUNOFF CLASS	HYDRIC SOIL	SLOPE RANGE	DEPTH
Ub	URBAN-LAND	100.00%	VERY HIGH	NO	0-8%	0"-10"

LIMIT OF DISTURBANCE (LOD) SUMMARY TABLE			
TOTAL SITE AREA	160,962 S.F.		3.70 ACRES
LOD ON SITE	114,907 S.F.		2.64 ACRES
LOD IN R.O.W.	0 S.F.		0 ACRES
TOTAL LOD	114,907 S.F.		2.64 ACRES



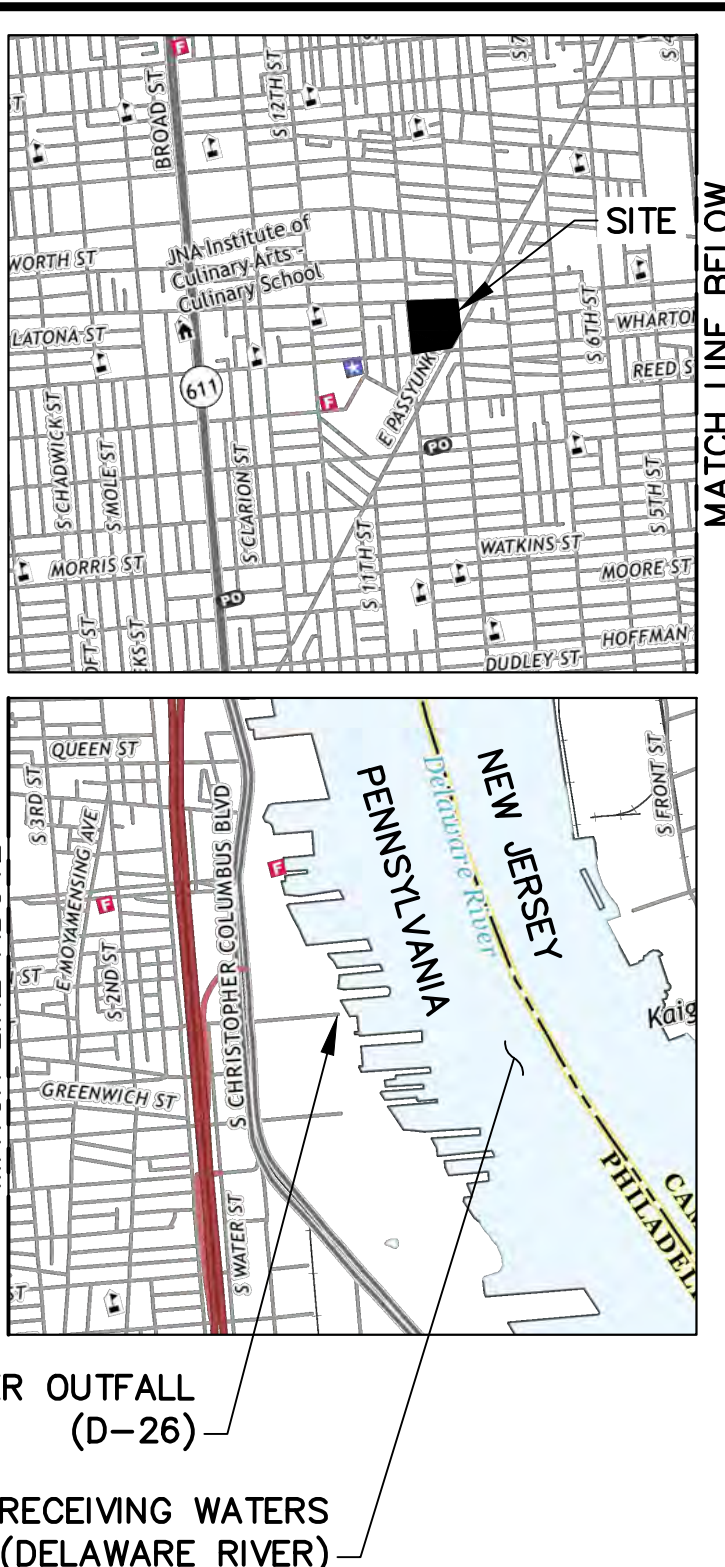
PA ONE CALL SERIAL NO. 20193541849 & 20193541850

ACT 187

IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PENNSYLVANIA ACT 187 AND TO CONTACT THE "ONE CALL SYSTEM" THREE (3) WORKING DAYS (UNLESS OTHERWISE NOTED) PRIOR TO START OF CONSTRUCTION.

PENNSYLVANIA ONE CALL: 1-800-242-1776

PHILADELPHIA WATER DEPARTMENT 1101 MARKET STREET, 2ND FLOOR PHILADELPHIA, PA 19107 ERIC PONERT: eric.ponert@phila.gov	VERIZON 1050 VIRGINIA DRIVE FT. WASHINGTON, PA 19034 DARLINE LEPPERD JOHNSON: darline.k.lepperd@one.verizon.com
PHILADELPHIA GAS WORKS 800 W. MONTGOMERY AVENUE PHILADELPHIA, PA 19122 MICHAEL PARZANESE: michael.parzaneese@pwworks.com	SERTA 1234 MARKET ST, 12TH FL PHILADELPHIA, PA 19107 DAVID MONTVYDAS dmontvydas@serta.org
PECO ENERGY C/O USIC 450 S HENDERSON RD, SUITE B KING OF PRUSSIA, PA 19406 NIKKIA SIMPKINS: nikkiasimpkins@usicllc.com	CITY OF PHILADELPHIA 4501 G STREET PHILADELPHIA, PA 19120 KEVIN MCGINLEY: kevin.mcginley@phila.gov



VICINITY MAP
 1" = 1000'
 DELAWARE DIRECT WATERSHED (SOUTH)
 COMBINED SEWER SERVICE AREA
 MANAGEMENT DISTRICT A

REVISIONS		
ISSUE	DATE	DESCRIPTION



PROJECT COORDINATOR
 Philadelphia Parks & Recreation
 1515 Arch Street, 10th Floor
 Philadelphia, PA 19102



Frank A. Frega

PROJECT TEAM
 Landscape Architect:
Synterra Ltd.
 SITE ARCHITECTURE, DEVELOPMENT PLANNING
 CONSTRUCTION MANAGEMENT
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 West Chester, PA 19382
 610.436.9000 |
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PROPERTY OWNER:
 CITY OF PHILADELPHIA
 CAPITOLO PLAYGROUND
 1401 JOHN F. KENNEDY BLVD
 PHILADELPHIA, PA 19102-1617

PROPERTY ADDRESS:
 900 FEDERAL STREET
 PHILADELPHIA, PA 19147-5049
 OPA ACCT# 781091900

PROTECT YOURSELF

WHAT YOU DON'T KNOW CAN HURT YOU.

CALL BEFORE YOU DIG!
 PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE & 10 WORKING DAYS IN DESIGN STAGE

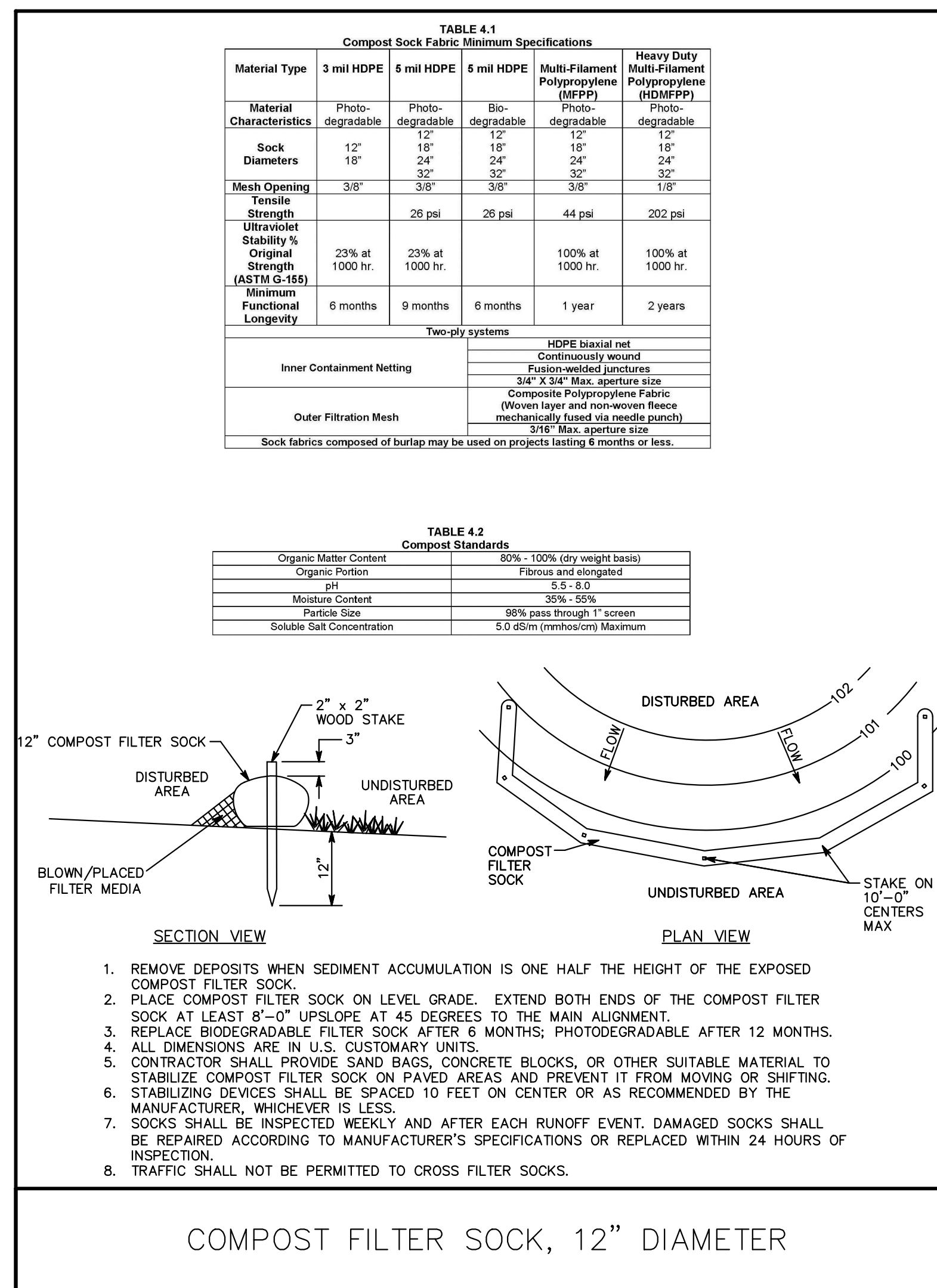
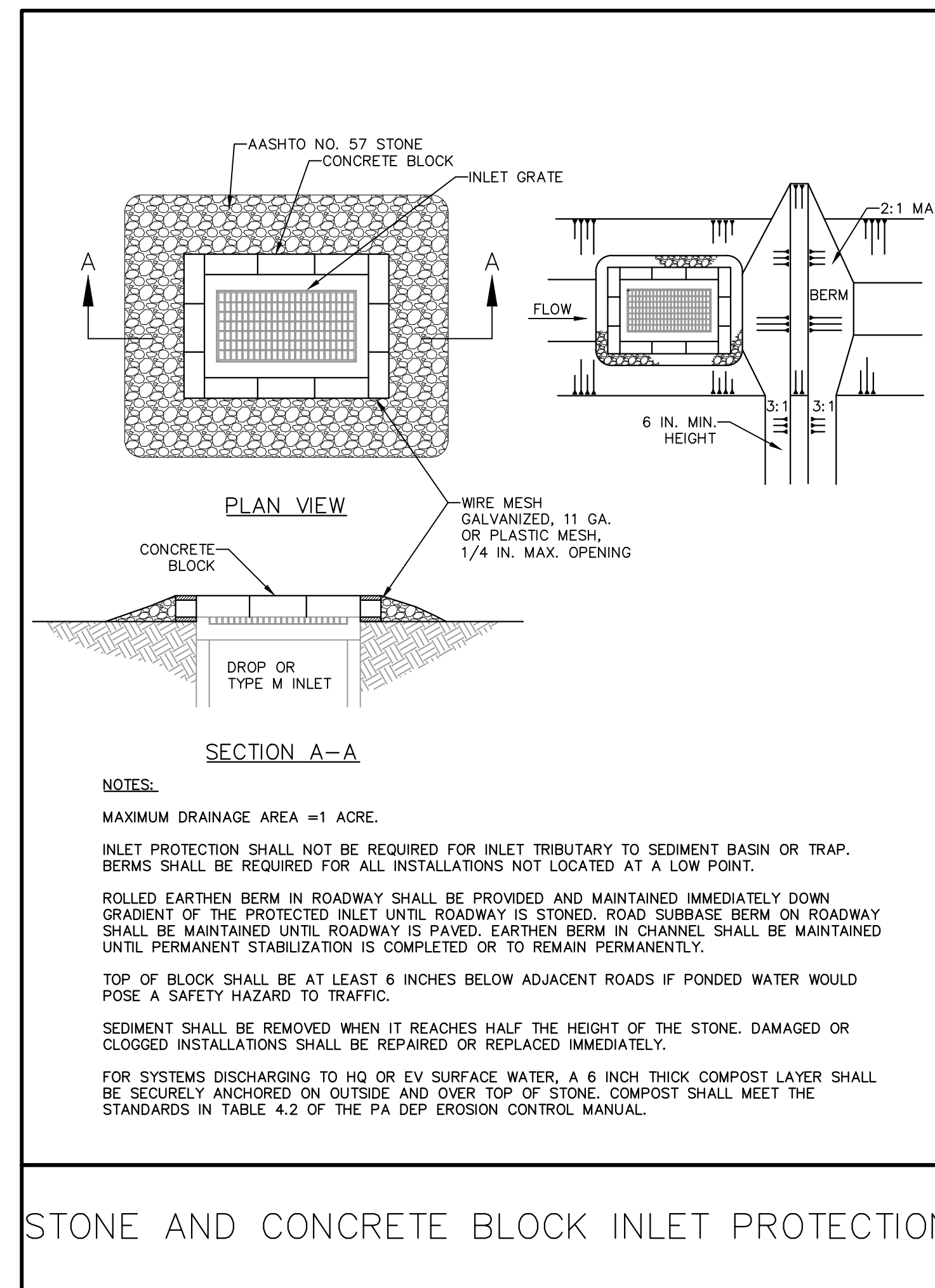
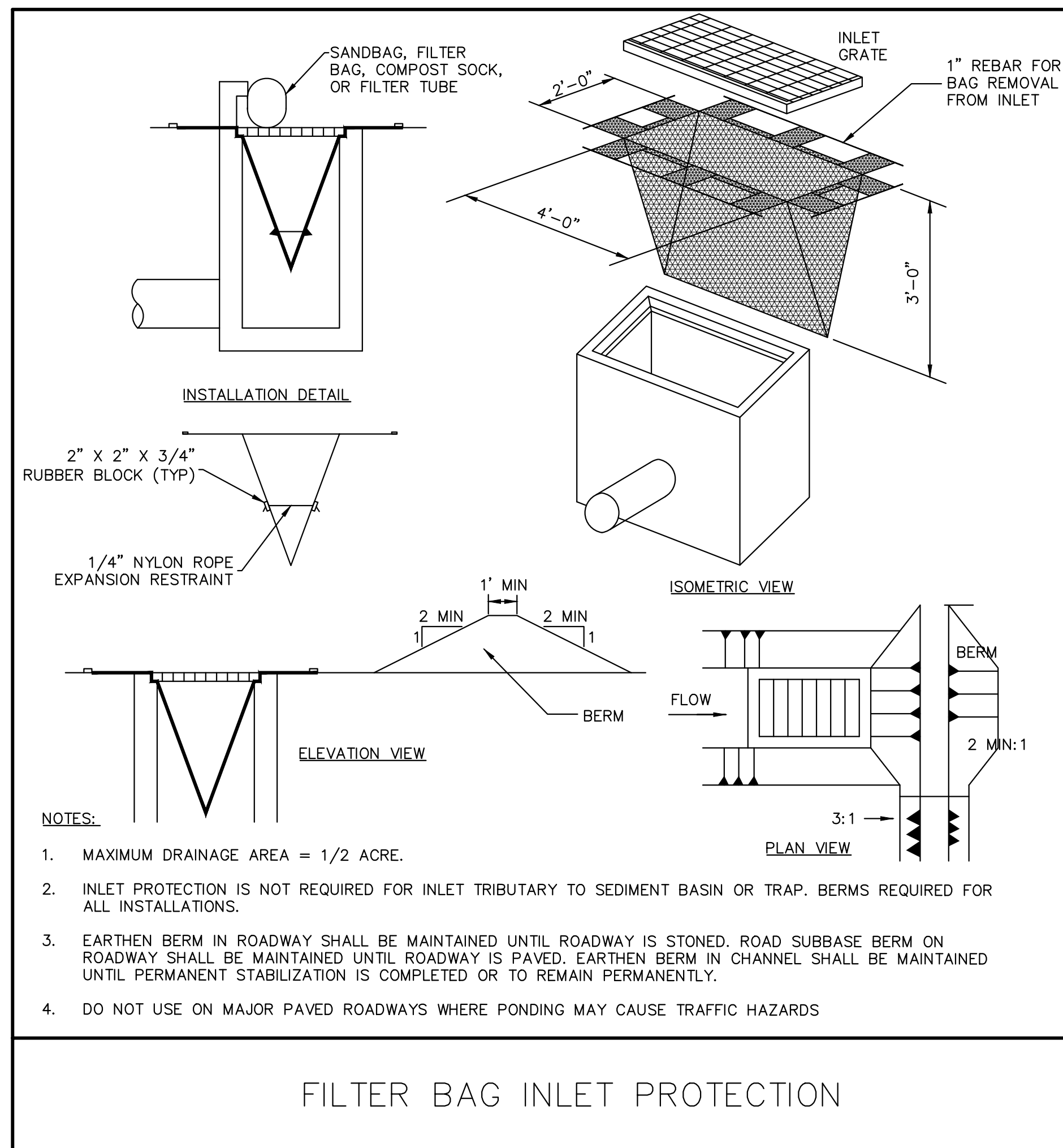
Pennsylvania One Call System, Inc.
 1-800-242-1776

CITY OF PHILADELPHIA
 PHILADELPHIA PARKS & RECREATION
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
**CAPITOLO PLAYGROUND
 FIELD RENOVATIONS**

DRAWING TITLE
**EROSION AND SEDIMENT
 CONTROL PLAN**

PROJECT NO. 16150E-05-02	DRAWING NO. C-301
DATE: JULY 27, 2021	FILE:
SCALE: AS SHOWN	
DRAWN BY: TN	
CHECKED BY: RB	
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.	



REVISIONS

ISSUE	DATE	DESCRIPTION

PROJECT COORDINATOR
Philadelphia Parks & Recreation
1515 Arch Street, 10th Floor
Philadelphia, PA 19102

SEAL

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1515 ARCH STREET
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PHILADELPHIA, PENNSYLVANIA

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CAPITOLE PLAYGROUND
FIELD RENOVATIONS

DRAWING TITLE
EROSION AND SEDIMENT
CONTROL DETAILS

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CONSTRUCTION PHASE & 10 WORKING DAYS IN DESIGN STATE

Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT NO.
16150E-05-02

DATE: JULY 27, 2021

SCALE: AS SHOWN

DRAWN BY: TN

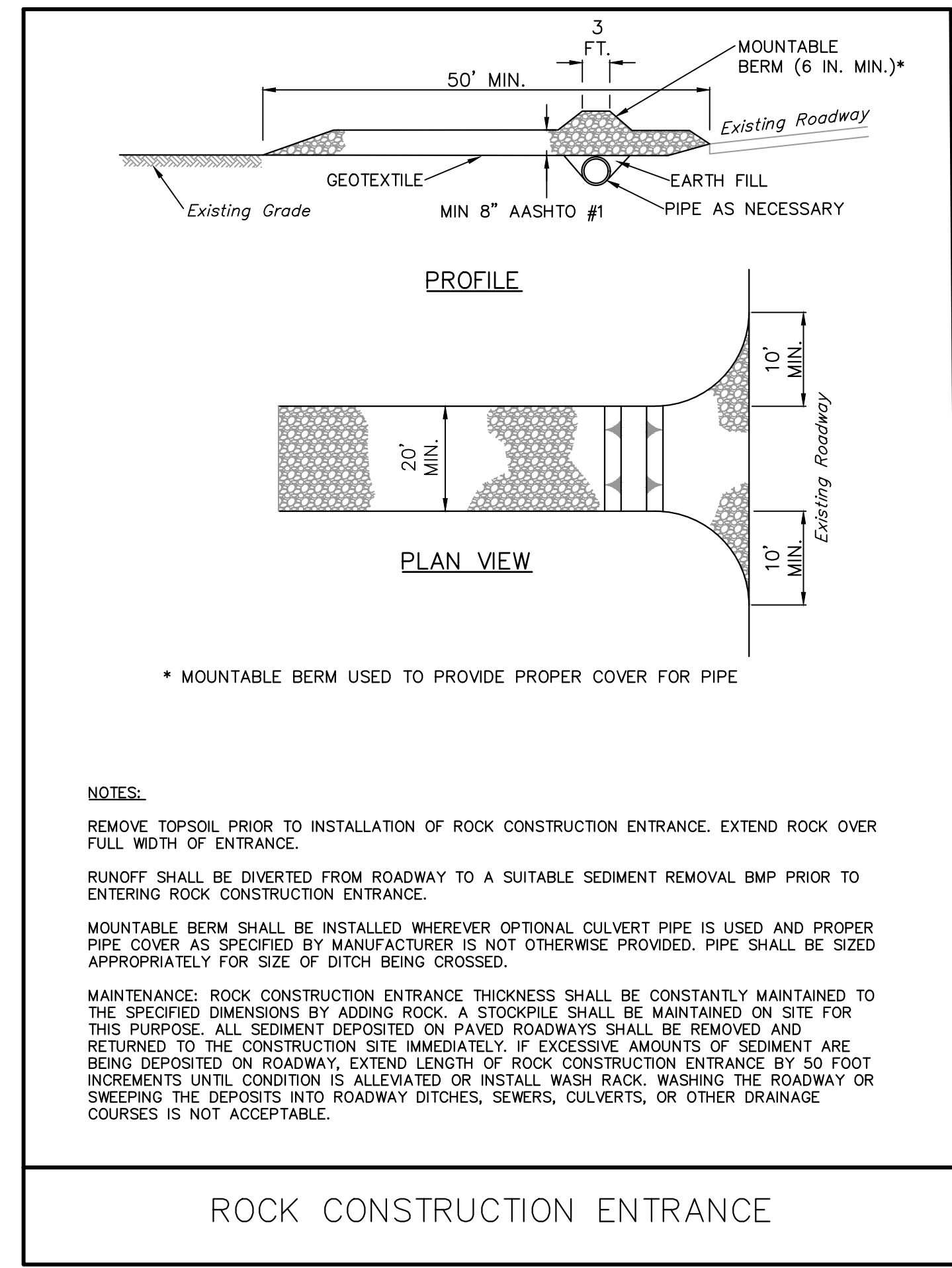
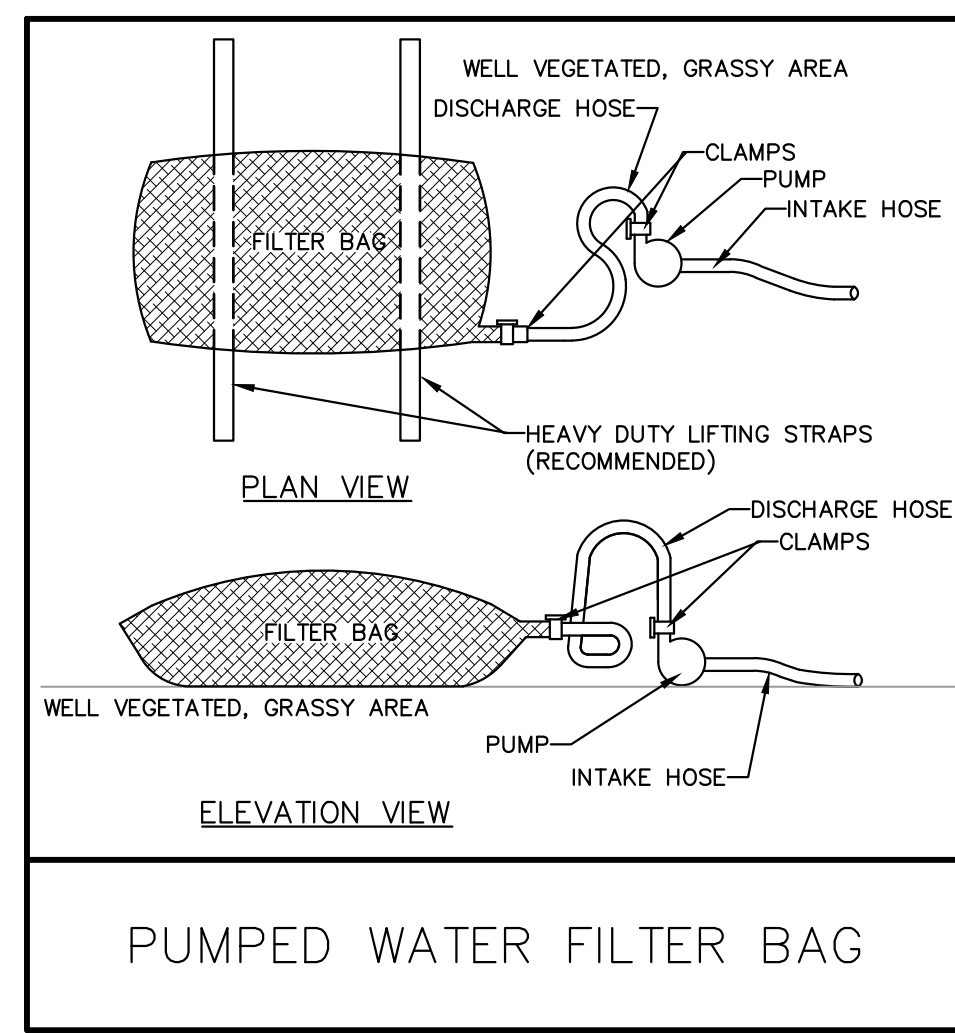
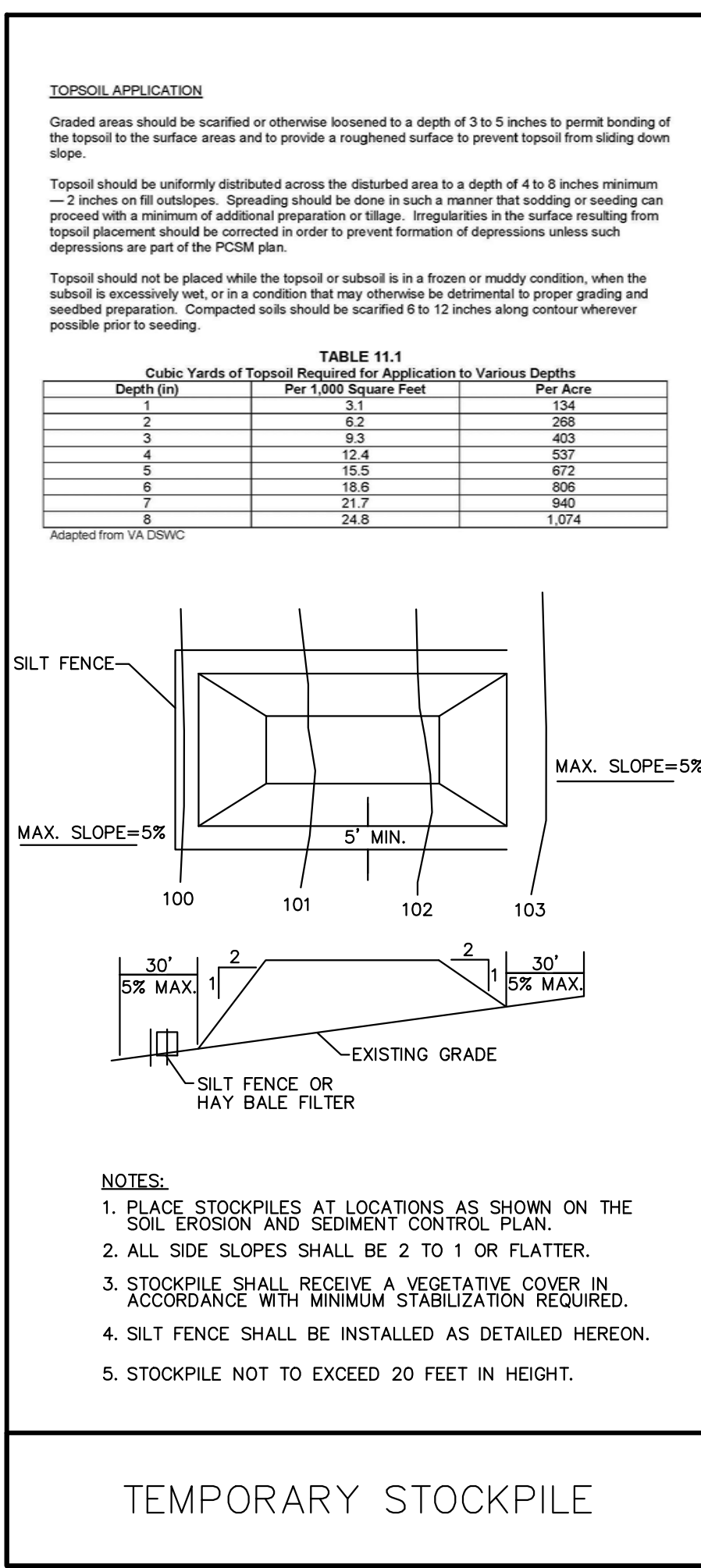
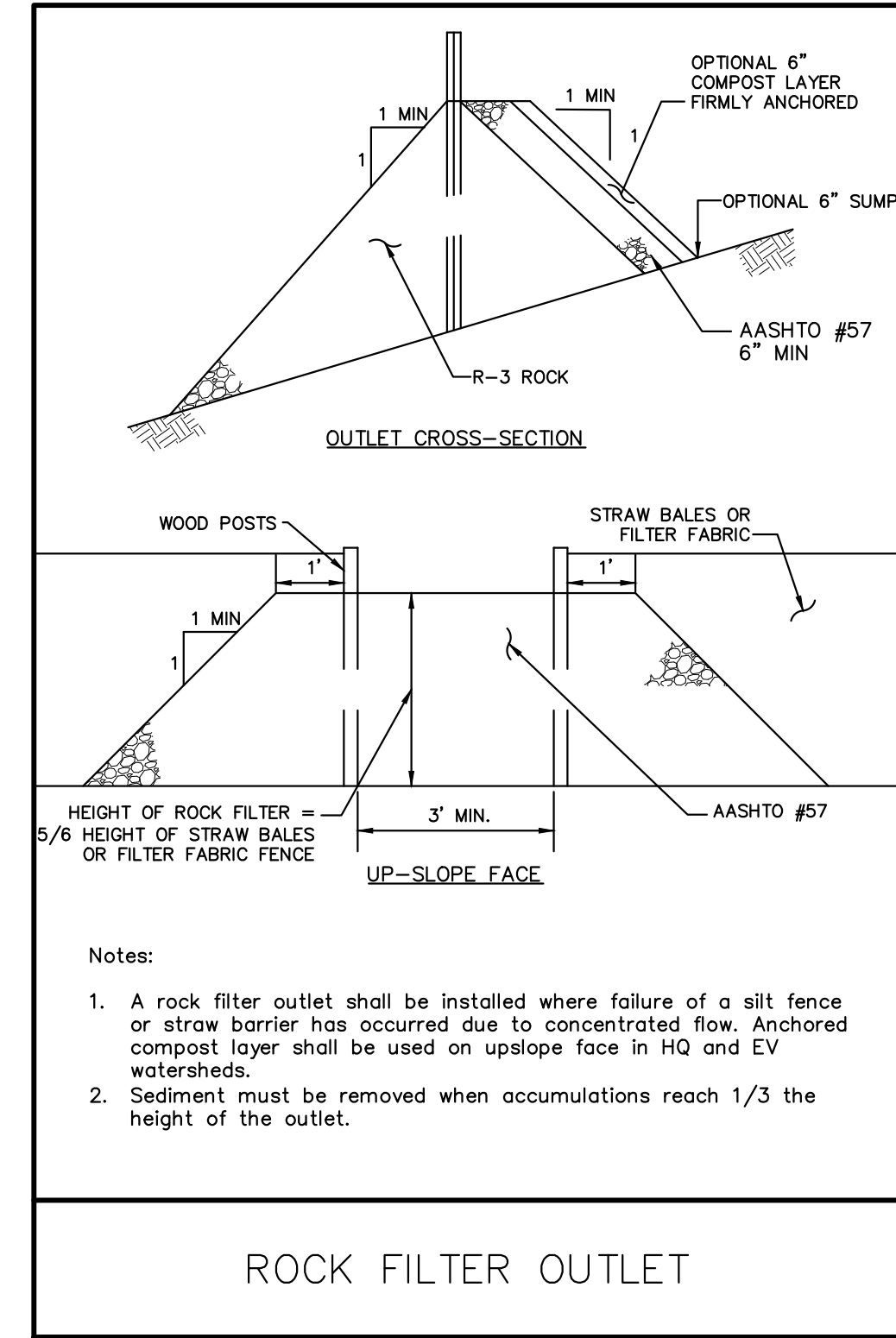
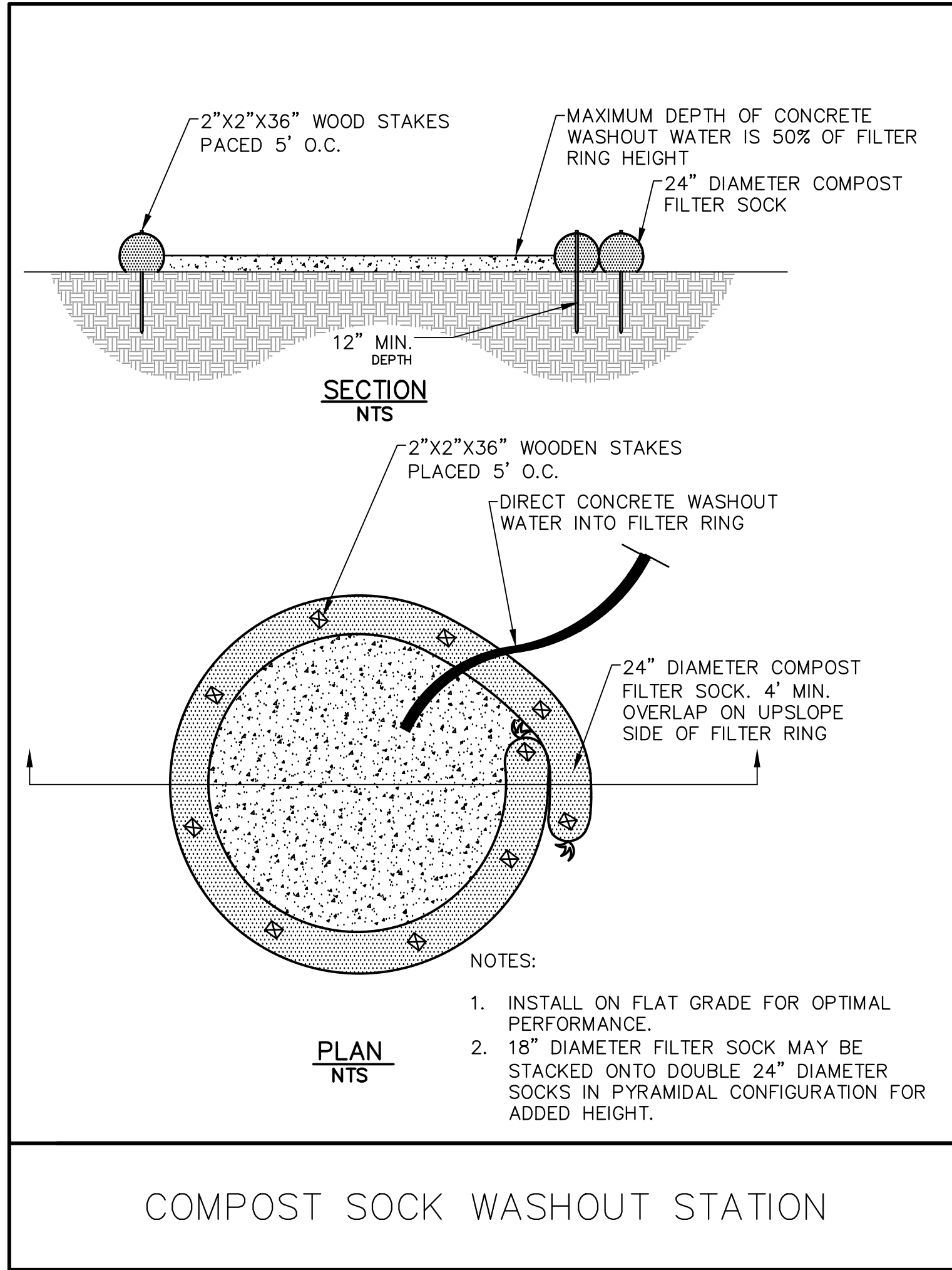
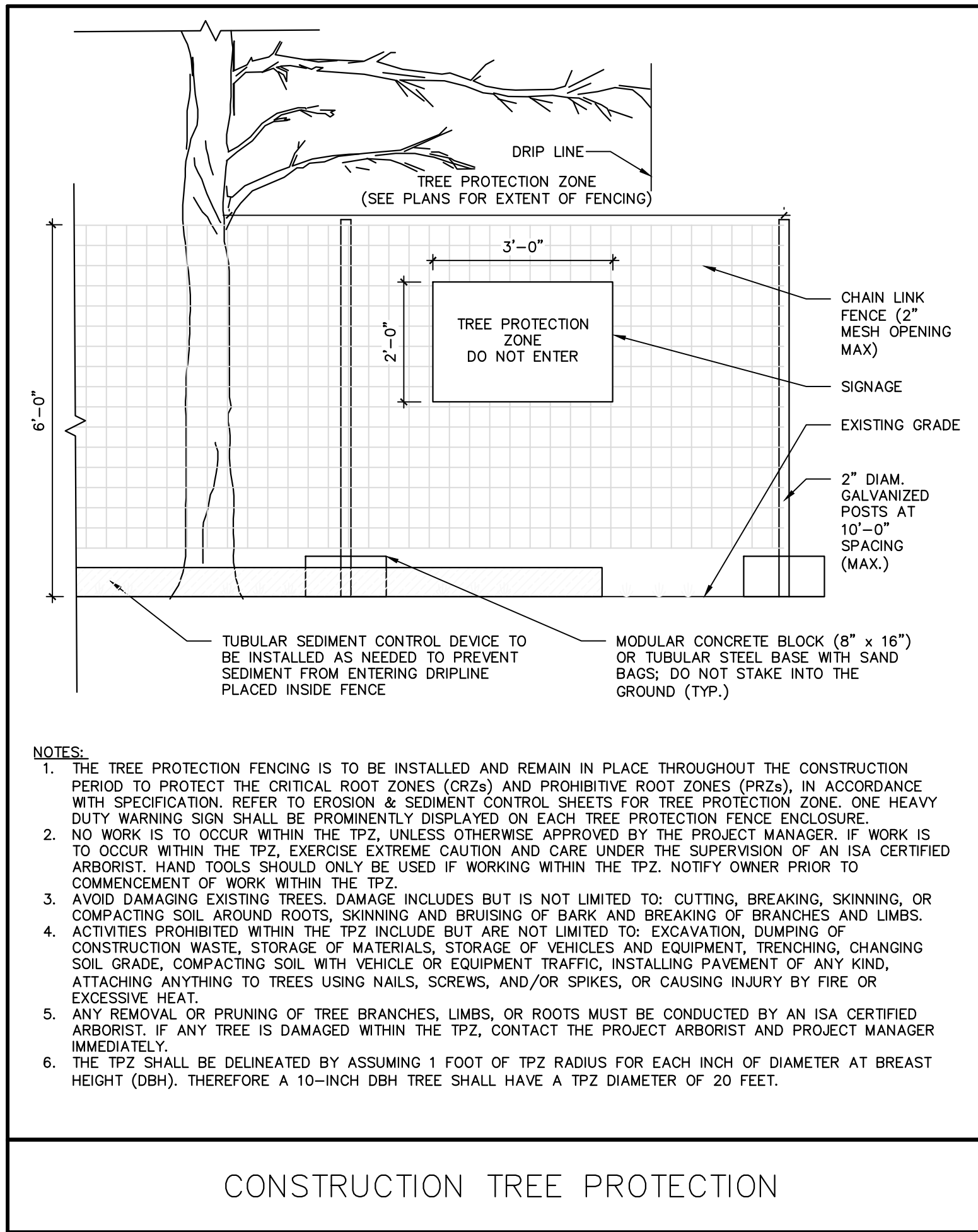
CHECKED BY: RB

DRAWING NO.
C-302

FILE:

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

PWD TRACKING NO.: FY21-CAPI-6232-01



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PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FOR CONSTRUCTION PHASE & 10 WORKING DAYS IN DESIGN STATE

Pennsylvania One Call System, Inc.
1-800-242-1776

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PHILADELPHIA PARKS & RECREATION
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
CAPITOLE PLAYGROUND
FIELD RENOVATIONS

DRAWING TITLE
EROSION AND SEDIMENT
CONTROL DETAILS

PROJECT NO.
16150E-05-02

DATE: JULY 27, 2021

SCALE: AS SHOWN

DRAWN BY: TN

CHECKED BY: RB

DRAWING NO.
C-303

FILE:

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

STANDARD EROSION AND SEDIMENT CONTROL NOTES:

- AN INDUSTRIAL WASTE PERMIT WILL BE REQUIRED SHOULD PUMPING TO CITY-OWNED INFRASTRUCTURE BECOME NECESSARY DURING CONSTRUCTION. ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.
- INLET PROTECTION SHOULD BE PROVIDED FOR ALL INLETS OWNED BY PWD THAT ARE LOCATED WITHIN ONE BLOCK OF THE PROJECT SITE.
- PWD IS NOT RESPONSIBLE FOR ANY CLEANING OR REPAIRS NEEDED ON CITY-OWNED INFRASTRUCTURE DUE TO FAILURE OF ANY EROSION AND SEDIMENT CONTROL PRACTICES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE FUNCTIONING IN ACCORDANCE WITH THE APPROVED PLANS.
- INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL OCCUR ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS.
- THE MAXIMUM HEIGHT FOR STOCKPILES AREAS SHALL BE 35 FEET. THE MAXIMUM SIDE SLOPE FOR STOCKPILE AREAS SHALL NOT EXCEED 2:1.
- THE ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED ON-SITE. A STOCKPILE SHALL BE MAINTAINED ON-SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- FILTER FABRIC FENCE SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION SHOULD BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. SUPPORT STAKES SHALL BE SPACED AT A MAXIMUM OF 8 FEET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FILTER FENCE.
- ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.
- EROSION CONTROL BLANKETING SHALL BE INSTALLED ON ALL SLOPES 3H:1V OR STEEPER WITHIN 50 FEET OF A SURFACE WATER AND ON ALL OTHER DISTURBED AREAS SPECIFIED ON THE PLAN MAPS AND/OR DETAIL SHEETS.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY PWD AND PA DEP.
- UNTIL THE SITE IS STABILIZED, ALL E&S BMP'S SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL E&S BMP'S PRIOR TO ANY ANTICIPATED STORM EVENT, AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
- ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING, AS WELL AS CUTS AND FILLS, SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN. A COPY OF THE APPROVED DRAWINGS SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. PWD SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. PWD MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- AT LEAST THREE (3) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING BY PWD AND THE PA DEP PRIOR TO IMPLEMENTATION.
- AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
- CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING, AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OF THE PROJECT UNTIL THE E&S BMP'S SPECIFIED BY THE BMP'S SEQUENCE FOR THAT STAGE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.
- AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
- A LOG SHOWING DATES THAT E&S BMP'S WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO PWD AT THE TIME OF INSPECTION.
- ALL SEDIMENT REMOVED FROM BMP'S SHALL BE DISPOSED OF IN THE FOLLOWING MANNER: REMOVAL AND DISPOSAL TO BE IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

SITE STABILIZATION METHODS (TEMPORARY & PERMANENT STABILIZATION)

- STRAW MULCH MUST BE APPLIED AT 3.0 TONS PER ACRE.
- MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES GREATER THAN 3:1.
- STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.

TEMPORARY SEEDING

- THE FOLLOWING SURFACES OF THE SITE SHALL BE TEMPORARILY SEEDED AND MULCHED:
 - THE SURFACE OF TOPSOIL STOCKPILES.
 - THE SURFACE OF EXPOSED EARTH AREAS THAT WILL BE EXPOSED WITHOUT CONSTRUCTION ACTIVITY THEREON.
- SEEDING SHALL OCCUR IMMEDIATELY AFTER ESTABLISHMENT OF THE TOPSOIL STOCKPILES OR ROUGH GRADED AREAS. THE FOLLOWING SHALL BE PLANTED:
 - 40 LBS./ACRE ANNUAL RYE GRASS – COMMON, 100% P.L.S.
- PREPARE AREAS TO BE SEEDED AS FOLLOWS:
 - REMOVE ALL DEBRIS, INCLUDING LARGE STONES. APPLY LIME AT A RATE OF 3 TONS PER ACRE AND FERTILIZER AT THE RATE OF 50-50-50 PER ACRE AND WORK INTO SOIL.
 - SOW SEED AT THE INDICATED RATE. DIVIDE SEED INTO TWO EQUAL LOTS. SOW ONE LOT IN ONE DIRECTION. SOW SECOND LOT AT RIGHT ANGLE TO FIRST. RAKE SEEDED AREA SLIGHTLY. ROLL SURFACE LIGHTLY TO FIRM SOIL AROUND SEED.
- PLACE CLEAN DRY STRAW OR HAY MULCH WITHIN 48 HOURS AFTER SEEDING. PLACE AT THE RATE OF 3 TONS PER ACRE.
- SEEDING DATES SHALL BE BETWEEN MARCH 1 AND NOVEMBER 15.

TEMPORARY MULCHING

- MULCH PROPOSED LANDSCAPE AREAS OR TOPSOIL STOCKPILES IF EARTHWORK IS COMPLETED OUTSIDE OF THE RECOMMENDED PLANTING SEASONS FOR TEMPORARY SEEDING OR DUE TO UNFAVORABLE WEATHER CONDITIONS.
- MULCH SHALL BE APPLIED IMMEDIATELY FOLLOWING THE ESTABLISHMENT OF THE TOPSOIL STOCKPILE OR ROUGH GRADING.
- MULCH WITH SUITABLE FIBROUS GROUND, SHREDDED AGED HARDWOOD, PINE WOOD BRK OR STRAW, UNIFORMLY AND CONTINUOUSLY TO A LOOSE DEPTH OF 3 INCHES MINIMUM. ANCHOR AS REQUIRED.
- PROPERLY MAINTAIN MULCHED AREAS UNTIL PERMANENT STABILIZATION MEASURES ARE COMPLETE. REAPPLY MULCH MATERIALS WHICH BECOME DISLODGED AS INITIAL OR MODIFIED RATES AS NECESSARY. IF A SLOPE FAILURE OCCURS WHICH REQUIRES REDRESSING, EXCAVATION, OR THE ESTABLISHMENT OF A NEW SLOPE, REPLACE MULCH AS NECESSARY.

PERMANENT SEEDING

- PERMANENT SEEDING SHALL OCCUR IMMEDIATELY AFTER THE FINAL GRADING IS COMPLETED. THE FOLLOWING SEED SHALL BE PLACED UNLESS OTHERWISE SPECIFIED ON THE PLANS OR DIRECTED IN THE FIELD. THE FOLLOWING SEED MIX SHALL BE USED:
 - 40% PENNLAWN FINE FESCUE
 - 3% RED TOP
 - 20% CHAMPION PERENNIAL RYE GRASS QUANTITIES ARE OF PURE LIVE SEED (P.L.S.) SPREAD AT A RATE OF 63 LBS. PER ACRE.
- REMOVE ALL DEBRIS, INCLUDING LARGE STONES. TILL SOIL TO A DEPTH OF FOUR INCHES TO SIX INCHES. APPLY LIME AT A RATE OF 4 TONS PER ACRE. APPLY COMMERCIAL 10-20-20 FERTILIZER AT A RATE OF 930 LBS. PER ACRE. WORK FERTILIZER INTO TOP INCH OF SOIL.
- SEED ONLY AT THE FOLLOWING TIMES:
 - SPRING: MARCH 1 TO APRIL 30
 - LATE SUMMER/EARLY FALL: AUGUST 15 TO NOVEMBER 15
- DIVIDE SEED INTO TWO EQUAL LOTS. SOW ONE LOT IN ONE DIRECTION. SOW SECOND LOT AT RIGHT ANGLE TO FIRST LOT. RAKE SEEDED AREA SLIGHTLY. ROLL SURFACE LIGHTLY TO FIRM SOIL AROUND SEED.
- MULCH SEEDED AREAS WITH STRAW OR HAY AT THE RATE OF 3 TONS PER ACRE. ANCHOR MULCH. COMPLY WITH THE REQUIREMENTS OF SECTION 805 – MULCHING, PENNDOT PUBLICATION 408. ANCHOR MULCH AS SPECIFIED.
- MULCHING SHALL BE DONE AT THE MINIMUM RATE OF 3 TONS PER ACRE WITH SALT HAY, HAY OR STRAW MULCHES. PLACE MULCH IMMEDIATELY AFTER SEEDING OR WITHIN 48 HOURS AFTER SEEDING IS COMPLETED. PROPERLY MAINTAIN MULCHED AREAS UNTIL THE ENTIRE PROJECT HAS BEEN COMPLETED. PROMPTLY REAPPLY MULCH MATERIALS WHICH BECOME DISLODGED OR LOST DUE TO WIND, RAIN, OR OTHER CAUSES AT INITIAL RATES OR AS DIRECTED.
- LIQUID MULCH BINDERS MAY BE USED TO ANCHOR SALT HAY, HAY OR STRAW MULCHES.
 - APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CRESTS OF BANKS. REMAINDER OF AREAS SHOULD BE UNIFORM IN APPEARANCE.
 - USE ONE OF THE FOLLOWING: EMULSIFIED ASPHALT – CLASS E-1 OR E-6. APPLY 31 GALLONS PER 1,000 SQUARE YARDS ON SLOPES LESS THAN 8 FEET HIGH. ON SLOPES 8 FEET HIGH OR MORE, USE 58 GALLONS PER 1,000 SQUARE YARDS. CUTBACK ASPHALT. CLASS RC-250. APPLY 31 GALLONS PER 1,000 SQUARE YARDS ON FLAT AREAS AND ON SLOPES LESS THAN 8 FEET HIGH. ON SLOPES 8 FEET HIGH OR MORE, USE 58 GALLONS PER 1,000 SQUARE YARDS. NON-ASPHALTIC EMULSION – NATURAL VEGETABLE GUM BLENDED WITH GELLING AND HARDENING AGENTS (TERRA TACK, AR) AS MANUFACTURED BY GRASS GROWERS COMPANY OR EQUAL. APPLY 25 LBS. PER 1,000 SQUARE YARDS.

MAINTENANCE PROGRAM

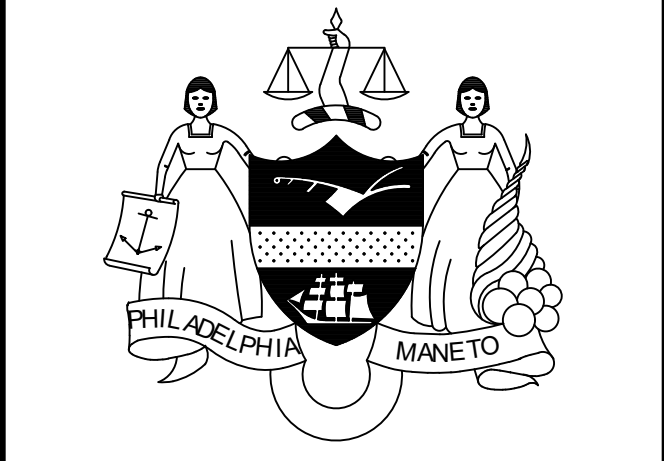
- THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROPER CONSTRUCTION STABILIZATION, AND MAINTENANCE OF ALL TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES AND RELATED ITEMS INCLUDED WITHIN THIS PLAN. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR THE PROPER CONSTRUCTION AND STABILIZATION OF PERMANENT CONTROL MEASURES AND RELATED ITEMS INCLUDED WITHIN THIS PLAN.
- THE OWNER WILL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL PERMANENT CONTROL MEASURES.
- UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMP'S MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL BMP'S 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 DONE IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S, OR MODIFICATIONS TO THOSE INSTALLED WILL BE REQUIRED.
- SEDIMENT REMOVED FROM BMP'S SHALL BE DISPOSED OF IN LANDSCAPE AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOOD PLAINS OR DRAINAGE SWALES AND IMMEDIATELY STABILIZED, OR PLACED IN TOPSOIL STOCKPILES.
- SOIL SEDIMENT REMOVED FROM ANY TEMPORARY CONTROL MEASURE DURING REGULAR MAINTENANCE WILL BE INCORPORATED BACK INTO THE EARTHWORK AS FILL ON THE SITE. SOIL SEDIMENT MATERIAL SHALL BE DISTRIBUTED ON-SITE WITHOUT CHANGING DRAINAGE PATTERNS DURING A SPECIFIC CONSTRUCTION STAGE. SILT FENCE INSTALLED ON THE PROJECT SITE SHALL BE MAINTAINED AS FOLLOWS:
 - THE FENCE CONDITION WILL BE INSPECTED ONCE A WEEK OR AFTER EVERY STORM EVENT, WHICHEVER COMES FIRST. ANY NECESSARY REPAIRS WILL BE MADE IMMEDIATELY.
 - ACCUMULATED SEDIMENTS WILL BE REMOVED AS REQUIRED TO KEEP THE FENCE FUNCTIONAL. DEPOSITS WILL BE REMOVED WHERE ACCUMULATIONS REACH ONE-HALF THE ABOVE-GROUND HEIGHT OF THE FENCE.
 - UNDERCUTTING OR EROSION OF THE TOE ANCHOR WILL BE REPLACED IMMEDIATELY WITH ROCK FILTER OUTLETS.
 - ANY MANUFACTURER'S RECOMMENDATIONS WILL BE ADHERED TO WHEN REPLACING FILTER FABRIC FENCE DUE TO WEATHERING.
- AT THE END OF EACH CONSTRUCTION DAY, ANY SEDIMENT DEPOSITED ON PUBLIC ROADWAYS, WILL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. WASHING OF THE ROADWAY WITH WATER WILL NOT BE PERMITTED.
- OTHER BMP'S
 - SEDIMENT MUST BE REMOVED FROM STORM WATER INLET PROTECTION AFTER EACH RUNOFF EVENT.

CONSTRUCTION SEQUENCE:

- AT LEAST 7 DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN EARTH MOVING ACTIVITIES, THE LANDOWNER, ALL APPROPRIATE CITY OFFICIALS, THE EROSION AND SEDIMENT CONTROL PREPARER, AND REPRESENTATIVE OF THE CITY OF PHILADELPHIA EROSION AND SEDIMENT CONTROL OFFICE TO AN ON-SITE MEETING. INCLUDE A REPRESENTATIVE FROM PWD'S EROSION AND SEDIMENT CONTROL INSPECTION GROUP BY CONTACTING THE INSPECTIONS COORDINATOR OF PWD (OFFICE 215-685-6387).
- AT LEAST 3 DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE CALL SYSTEM INCORPORATED AT 1-800-242-1776 FOR BURIED UTILITY LOCATIONS.
- CONSTRUCTION FENCE TO BE INSTALLED WHERE NEEDED TO PROTECT THE PUBLIC FROM LAND DISTURBANCE ACTIVITIES AND TO MAINTAIN PEDESTRIAN ACCESS.
- INSTALL COMPOST FILTER SOCK DOWNHILL FROM ALL EARTH MOVING ACTIVITIES. ALTHOUGH OFF SITE AREAS ARE PAVED, COMPOST FILTER SOCK OR OTHER EROSION CONTROL PRACTICES SHALL BE INSTALLED AROUND THE PERIMETER OF THE SITE AS SHOWN ON THE PLAN.
- INSTALL INLET PROTECTION AS SHOWN ON THE PLAN. EXISTING INLETS SHALL BE PROTECTED THROUGHOUT THE DURATION OF THE CONSTRUCTION.
- INSTALL CONSTRUCTION ENTRANCE AS SHOWN AND IN ACCORDANCE WITH THE CONSTRUCTION ENTRANCE DETAIL.
- CONTRACTOR SHALL PROVIDE PROTECTION OF ANY EXISTING UTILITIES, SURFACE FEATURES AND PAVEMENTS THAT ARE TO REMAIN THROUGHOUT THE DURATION OF PROJECT CONSTRUCTION.
- CLEAR SITE WITHIN LIMIT OF DISTURBANCE AREA, DEMOLISH EXISTING PAVING, CURBING AND FENCING AS REQUIRED, SAWCUT PAVED AREAS AS NEEDED TO MINIMIZE EARTH DISTURBANCE. EXCAVATE TRENCHES FOR PROPOSED SEWER AND STORM CONNECTIONS. DEMOLISHED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISCARDED IN ACCORDANCE WITH APPLICABLE CITY, STATE AND FEDERAL REGULATIONS.
- ROUGH GRADE SUBBASES TO REQUIRED DEPTHS.
- CONSTRUCT PAVEMENTS, FENCES, MINI PITCH, BENCHES, BLEACHERS, AND OTHER SITE WORK AS INDICATED ON THE PLANS.
- AS SOON AS SLOPES, CHANNEL DITCHES AND OTHER DISTURBED AREAS REACH FINAL GRADE, THEY MUST BE STABILIZED. CESSATION OF ACTIVITY FOR FOUR (4) DAYS OR LONGER REQUIRES TEMPORARY STABILIZATION.
- TOPSOIL AND SEED GRASSED AREAS, INSTALL PLANTS AND TREES.
- SWEEP PAVED AREAS DAILY TO PREVENT TRACKING OF SOIL OFF-SITE.
- UPON COMPLETION OF ALL EARTH DISTURBANCE ACTIVITIES AND PERMANENT STABILIZATION OF ALL DISTURBED AREAS, THE THE OWNER AND/OR OPERATOR SHALL CONTACT INSPECTIONS COORDINATOR OF PWD (OFFICE: 215-685-6387) FOR A FINAL INSPECTION PRIOR TO REMOVAL OF THE E&S BMP'S.
- REMOVE SOIL EROSION MEASURES AFTER SITE HAS BEEN INSPECTED AND STABILIZED.

REVISIONS

ISSUE	DATE	DESCRIPTION



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SEAL



Frank A. Freca

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**CITY OF PHILADELPHIA
 PHILADELPHIA PARKS & RECREATION**
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA, PENNSYLVANIA

PROJECT TITLE
**CAPITOLO PLAYGROUND
 FIELD RENOVATIONS**

DRAWING TITLE
**EROSION AND SEDIMENT
 CONTROL NOTES**

PROJECT NO. 16150E-05-02	DRAWING NO. C-304
DATE: JULY 27, 2021	
SCALE: AS SHOWN	
DRAWN BY: TN	
CHECKED BY: RB	FILE:
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.	