DDS- Planning & Zoning: Plan Review Application

Submission date:	**25 March 2021, 8:58AM**
Receipt number:	**203**

Application Type

Check all that apply:	**Site Plan Review**

Property Information

Property Address:	**872 Prospect Ave, Hartford, CT 06105, USA Map (41.7755302, -72.7126652)**
Zoning District:	**OS**
Parcel ID:	**108-295-004**
Property Owner:	**City of Hartford Parks Dept**
Address of Property Owner:	**550 Main Street, Hartford, CT 06105**
Email:	**City to provide**

Applicant

Name of Applicant:	**Eric Crawford**
File Date:	**03/25/2021**
Address:	**3521 Main St, Hartford, CT 06120, USA Map (41.7994357, -72.6623516)**
Phone:	**8607263212**
Email:	**ericteachone@comcast.net**

Primary Point of Contact

Name:	**Eric Crawford copy: Grant Losapio**
Phone:	**8607263212**
Email	**ericteachone@comcast.net copy: glosapio@freemancos.com**

Project Narrative

Please describe your application action(s) and provide as much detail as possible. Attach additional pages if necessary:	**The site is located in the portion of Elizabeth Park surrounded by Prospect Ave. on the west, Asylum Ave. on the North, Elizabeth St. on the south and Whitney St. on the east. The project site is an approximately 13,229 SF area of the park along Whitney Street. The project consists of the renovation of the main basketball court, including court resurfacing, new basketball goals, new extended chain link fencing, a player bench and park benches. The project seeks to dedicate the court to the late Coach Jack Phelan, a respected basketball coach and member of the Hartford community, for his dedication to the community and the positive impact he has had on generations of young Hartford residents**

Zoning Map Change Application

Proposed Zone:	
Describe the existing use of land and buildings in the zone change area:	
Reason for this request:	

Zoning Appeal Application

Are you an aggrieved party?

Permit or Violation Number:

State your reason for appealing the decision of the administrator or enforcement officer:

Variance Application

Please state the paticular hardship* or unnecessary difficulty that prompts this application and the site the section of the zoning regulations that you are seeking relief from:

Subdivision Application

Number of lots to be created:

Area of each lot in square feet:

Street frontage of each of the new lots in feet:

Lot Combination Application

Addresses of lots to be combined

Map/Block/Lot for each property to be combined:

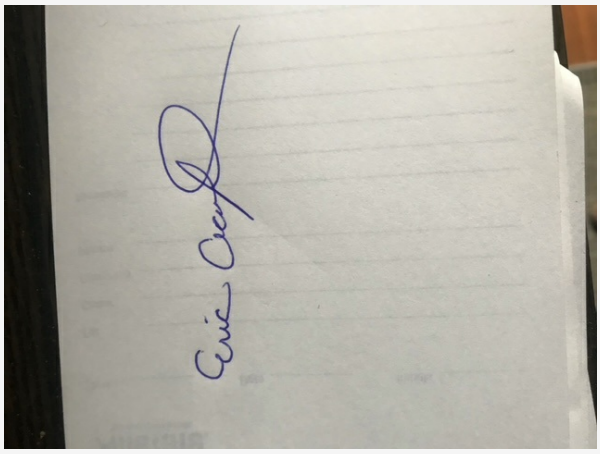
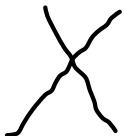
Liquor Permit Application

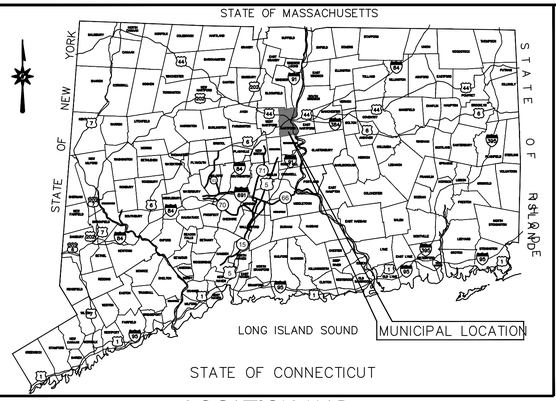
Please upload a copy of your State of CT Liquor Permit below.

Sign Permit Application

1. Is this sign proposed outside of the building line?	
Maximum extention from building line:	
2. Is this sign proposed outside of the street line?	
Maximum extension from the Street line	
3. Is the sign luminated?	
4. Engineer Name (if any):	
Phone:	
Address:	
5. Minimum distance from lowest point to the sidewalk:	
6. Maximum height of sign from lowest point of established grade:	
7. Distance from the nearest outdoor sign:	
8. Square feet of surface for one face of the sign:	
9. Wording of the sign (include all words):	
Description of work (upload additional files if necessary)	
Upload any supporting materials below.	BA871-REV-9.pdf AI417.pdf PB-10SM_Spec.pdf 2021-03-25 Elizabeth Park Basketball Court Renovation.pdf 2021-03-25 Elizabeth Park Basketball Court Renovation.pdf

Signatures

Signature of Applicant	 [Uploaded signature image: Eric's Signature.jpg]
Printed Name of Applicant:	**Eric Crawford**
Date:	**03/25/2021**
Signature of Property Owner:	 [Link to signature]
Printed Name of Property Owner:	**City to provide**
Date:	**03/25/2021**



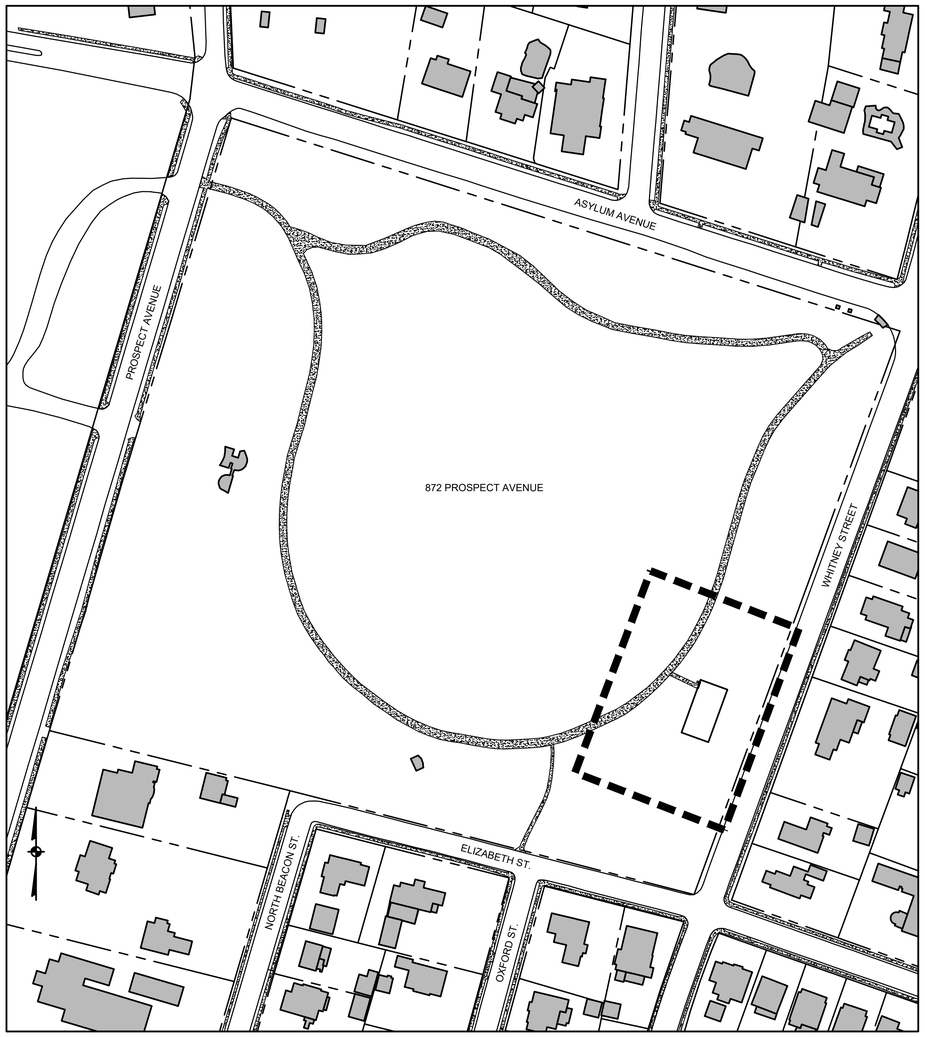
LOCATION MAP

N.T.S.

ELIZABETH PARK
BASKETBALL COURT RENOVATION
CITY OF HARTFORD
PLANNING AND ZONING COMMISSION
SITE PLAN REVIEW SUBMISSION

LOCATION

872 PROSPECT AVENUE
HARTFORD, CONNECTICUT



LOCATION MAP

1 INCH = 100 FEET

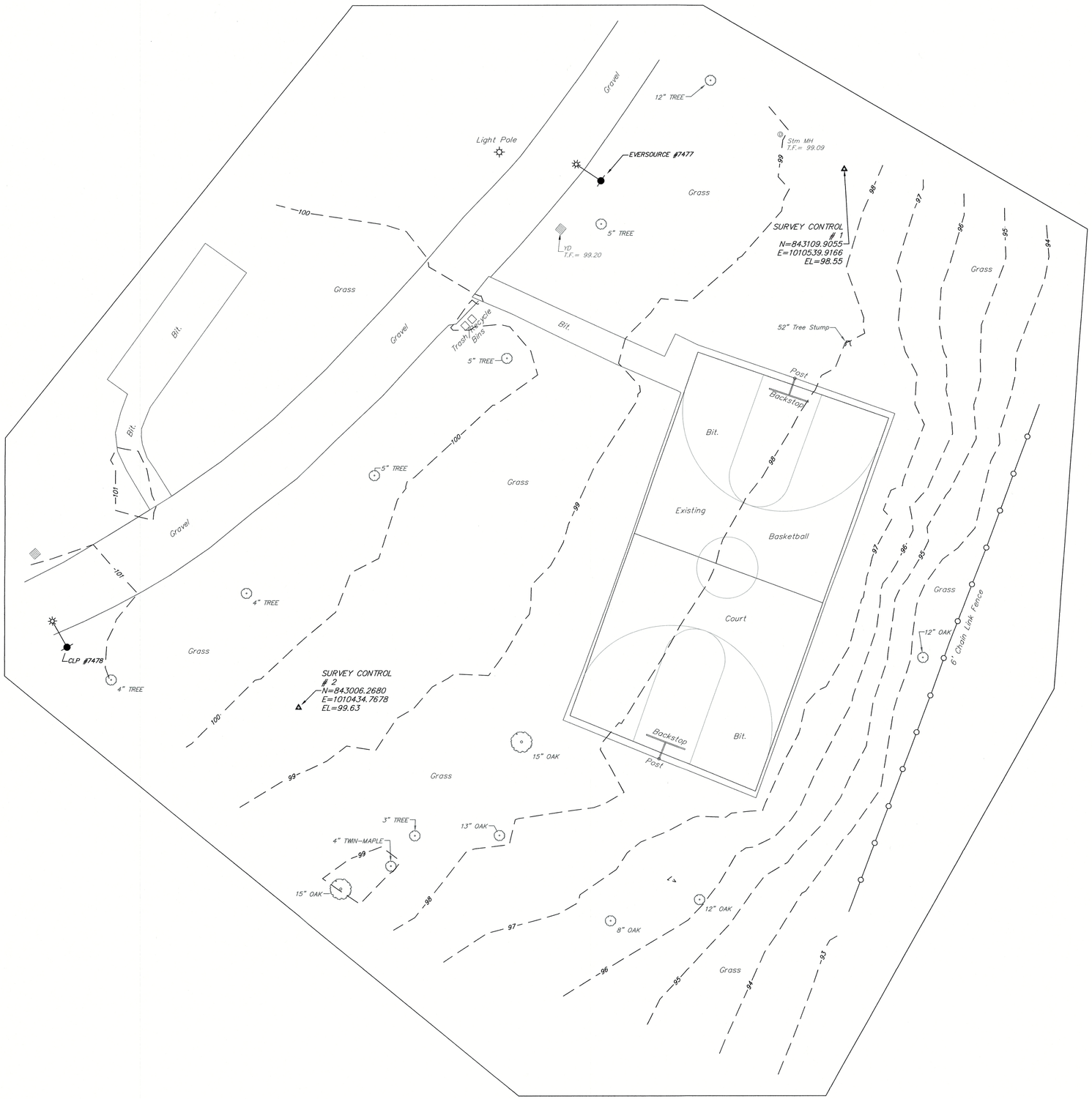
DRAWING LIST

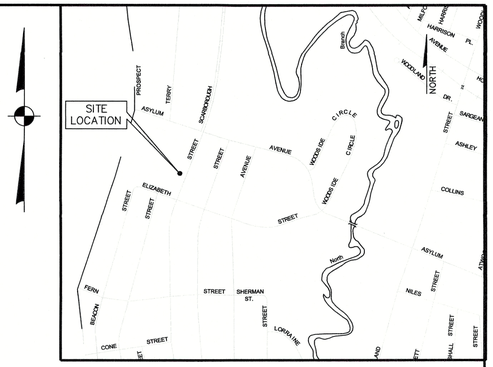
Sheet Number	Sheet Title
EX-1	TOPOGRAPHIC SURVEY
C-101	DEMOLITION PLAN
C-201	LAYOUT PLAN
C-301	GRADING, DRAINAGE, & EROSION/SEDIMENTATION CONTROL PLAN
C-401	SITE DETAILS
C-402	SITE DETAILS

DATES

ISSUE DATE: MARCH 25, 2021

PREPARED BY:
FREEMAN COMPANIES
LAND DEVELOPMENT : ENGINEERING DESIGN : CONSTRUCTION SERVICES
36 JOHN STREET
HARTFORD, CT 06106
TEL: 860-251-9550





LOCATION MAP

NOT TO SCALE

LEGEND

- CHAIN LINK FENCE
- STREET LIGHT/LAMP POST
- UTILITY POLE
- CATCH BASIN
- DRAINAGE MANHOLE
- BUSH
- DECIDUOUS TREE

GENERAL NOTES

1. THIS SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THRU 20-300b-20, AS REVISED AND THE "STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON AUGUST 29, 2019.
   - 1.1. THIS PLAN CONFORMS TO HORIZONTAL ACCURACY CLASS A-2 AND TOPOGRAPHIC ACCURACY CLASS T-2.
   - 1.2. BOUNDARY DETERMINATION (NONE)
   - 1.3. THE TYPE OF SURVEY PERFORMED IS A TOPOGRAPHIC SURVEY AND IS INTENDED TO DEPICT EXISTING CONDITIONS WITH RESPECT TO THE BASKETBALL COURT.
   - 1.4. PROPERTY LINES ARE NOT DEPICTED FOR THE PURPOSES OF THIS SURVEY.
2. NORTH ARROW AND BEARINGS REFER TO NAD83 AND BASED UPON GPS OBSERVATIONS.
3. ELEVATIONS REFER TO NAVD88 AND BASED UPON GPS OBSERVATIONS.
4. UNDERGROUND UTILITIES, IF DEPICTED HEREON, ARE APPROXIMATE IN NATURE AND ARE A COMPILATION OF EXISTING RECORDS, AVAILABLE MAPPING AND LOCATION OF VISIBLE EVIDENCE. OTHER UTILITIES MAY EXIST WHICH ARE NOT SHOWN. PRIOR TO ANY DIGGING OR SITE EXCAVATION CONTACT "CALL BEFORE YOU DIG" 1-800-922-4455 OR 811.
5. PROJECT IS NOT LOCATED IN A FLOOD HAZARD AREA.

GRAPHIC SCALE

10 0 5 10 20 40

(IN FEET)

1 inch = 10 ft.

TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PETER PARIZO, L.S. #14653 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE NAMED LAND SURVEYOR.

STATE OF CONNECTICUT PETER PARIZO No. 14653 LICENSED LAND SURVEYOR

NO.	DATE	DESCRIPTION
1		
1		
1		

REVISIONS

FREEMAN COMPANIES
36 JOHN STREET, HARTFORD, CT 06106
WWW.FREEMANCOS.COM
(860)251-9500
FAX:(860)986-7101
ELEVATE YOUR EXPECTATIONS

TOPOGRAPHIC SURVEY
ELIZABETH PARK BASKETBALL COURT
LOCATED ON WHITNEY STREET
HARTFORD, CONNECTICUT

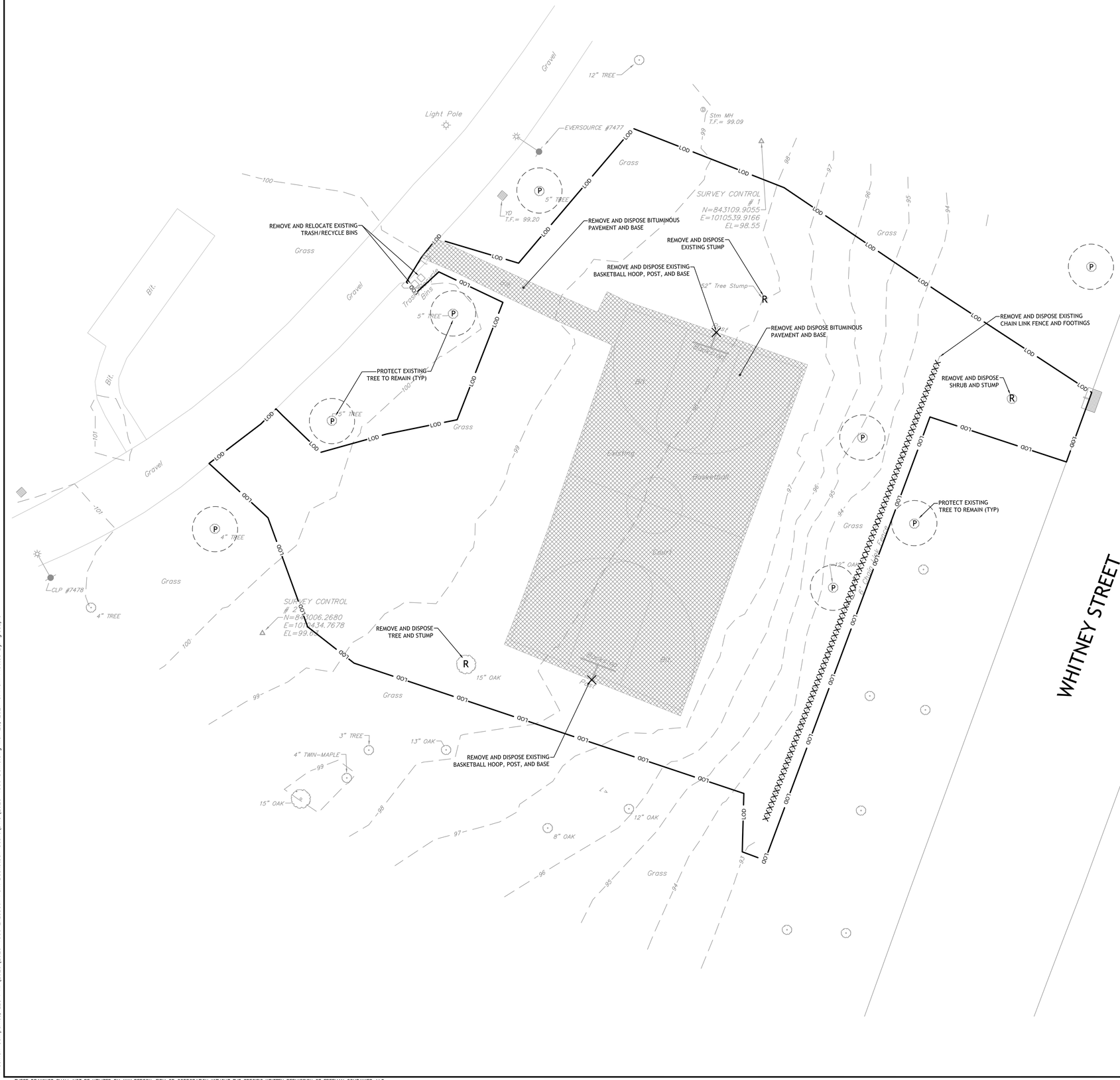
SURVEYED:	L.K.
DRAFTED:	L.K.
APPROVED:	B.B.
SCALE:	1" = 10'
PROJECT NO.:	2020-1006
DATE:	01/20/2021
CAD FILE:	2020-1006

TITLE:

TOPOGRAPHIC SURVEY

SHEET NUMBER:

EX-1



DEMOLITION NOTES

1. CONTRACTOR SHALL SECURE ANY PERMITS, PAY ALL FEES AND PERFORM CLEARING AND GRUBBING AND DEBRIS REMOVAL PRIOR TO COMMENCEMENT OF GRADING OPERATIONS.
2. SEDIMENT AND EROSION CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE INSTALLED PRIOR TO START OF DEMOLITION AND CLEARING AND GRUBBING OPERATIONS.
3. REMOVE AND DISPOSE OF ANY SIDEWALKS, FENCES, DEBRIS AND RUBBISH REQUIRING REMOVAL FROM THE WORK AREA IN AN APPROVED OFF-SITE LANDFILL, BY AN APPROVED HAULER. HAULER SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATORY REQUIREMENTS.
4. THE CONTRACTOR SHALL SECURE ALL PERMITS FOR HIS DEMOLITION WORK AND DISPOSAL OF HIS DEMOLITION MATERIAL TO BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL POST BONDS AND PAY PERMIT FEES AS REQUIRED.
5. ASBESTOS OR HAZARDOUS MATERIAL, IF FOUND ON SITE, SHALL BE REMOVED BY A LICENSED HAZARDOUS MATERIAL CONTRACTOR.
6. THE CONTRACTOR SHALL PREPARE ALL MANIFEST DOCUMENTS AS REQUIRED PRIOR TO COMMENCEMENT OF DEMOLITION.
7. THE CONTRACTOR SHALL PROTECT ALL IRON PINS, MONUMENTS AND PROPERTY CORNERS DURING DEMOLITION ACTIVITIES. ANY CONTRACTOR DISTURBED PINS, MONUMENTS, AND OR PROPERTY CORNERS, ETC. SHALL BE RESET BY A LICENSED CONNECTICUT LAND SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.
8. THE CONTRACTOR SHALL STABILIZE THE SITE AND KEEP EROSION AND SEDIMENT CONTROL MEASURES IN PLACE UNTIL THE COMPLETION OF HIS/HER WORK, AS REQUIRED OR DEEMED NECESSARY BY THE ENGINEER OR OWNER'S REPRESENTATIVE.
9. IF IMPACTED OR CONTAMINATED SOIL IS ENCOUNTERED BY THE CONTRACTOR, THE CONTRACTOR SHALL SUSPEND EXCAVATION WORK AND NOTIFY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT PRIOR TO PROCEEDING WITH FURTHER WORK IN THE IMPACTED SOIL LOCATION UNTIL FURTHER INSTRUCTED BY THE OWNER AND/OR OWNER'S ENVIRONMENTAL CONSULTANT.
10. BACKFILL DEPRESSIONS, FOUNDATION HOLES AND REMOVED DRIVEWAY AREAS IN LOCATIONS NOT SUBJECT TO FURTHER EXCAVATION WITH SOIL MATERIAL APPROVED BY THE OWNER'S GEOTECHNICAL ENGINEER AND COMPACT, FERTILIZE, SEED AND MULCH DISTURBED AREAS NOT SUBJECT TO FURTHER SITE CONSTRUCTION. EMPLOY WATERING EQUIPMENT FOR DUST CONTROL.
11. THE CONTRACTOR SHALL RESTORE ANY UTILITY STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, DRAINAGE STRUCTURE, SWALE OR LANDSCAPED AREAS DISTURBED DURING DEMOLITION TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE OWNER, CITY OF HARTFORD.
12. NO WORK ON THIS SITE SHALL BE INITIATED BY THE CONTRACTOR UNTIL A PRE-CONSTRUCTION MEETING WITH THE OWNER AND THE ENGINEER IS PERFORMED. THE CONTRACTOR SHOULD BE AWARE OF ANY SITE INFORMATION AVAILABLE SUCH AS GEOTECHNICAL AND ENVIRONMENTAL REPORTS. THE CONTRACTOR SHALL HAVE CALL BEFORE YOU DIG MARK OUTS OF EXISTING UTILITIES COMPLETED PRIOR TO MEETING.
13. THE CONTRACTOR SHALL NOT COMMENCE DEMOLITION OR UTILITY DISCONNECTIONS UNTIL AUTHORIZED TO DO SO BY THE OWNER AND/OR ENGINEER.
14. THE CONTRACTOR SHALL COMPLY WITH OSHA CFR29 PART 1926 FOR EXCAVATION, TRENCHING, AND TRENCH PROTECTION REQUIREMENTS.
15. ALL LANDSCAPING, TREES AND OTHER VEGETATION WITHIN THE LIMITS OF THE CONSTRUCTION FENCE SHALL BE PROTECTED, UNLESS OTHERWISE NOTED FOR REMOVAL. THE CONTRACTOR SHALL CONTACT THE CITY FORESTER, HEATHER DIONNE, TO SECURE ANY PERMITS AND POST NOTICE SIGNAGE AS REQUIRED FOR TREE REMOVAL, PURSUANT TO HARTFORD MUNICIPAL CODE, CHAPTER 28 ARTICLE VI - TREE ORDINANCE.

DEMOLITION LEGEND

- REMOVE & DISPOSE BITUMINOUS PAVEMENT & BASE
- XXXXXXXXXX REMOVE & DISPOSE FENCE & FOOTINGS
- X REMOVE & DISPOSE FEATURE & BASE
- R REMOVE & DISPOSE TREE OR STUMP
- (P) PROTECT EXISTING TREE OR SHRUB
- LOD LIMIT OF DISTURBANCE

SURVEY REFERENCE

1. "TOPOGRAPHIC SURVEY ELIZABETH PARK BASKETBALL COURT, LOCATED ON WHITNEY STREET, HARTFORD, CONNECTICUT, EX-1, SCALE: 1"=10', DATE: 01/20/2021" AS PREPARED BY FREEMAN COMPANIES, HARTFORD, CT.
2. EDGE OF ROAD AND TREES EAST OF EXISTING FENCE TAKEN FROM: "OPEN HARTFORD GIS" https://openhartford-hartfordgis.opendata.arcgis.com/

GRAPHIC SCALE
10 5 0 10
SCALE IN FEET

OWNER
CITY OF HARTFORD
PARK DEPARTMENT
872 PROSPECT AVENUE
HARTFORD, CT

REVISIONS
NO. | DATE | DESCRIPTION

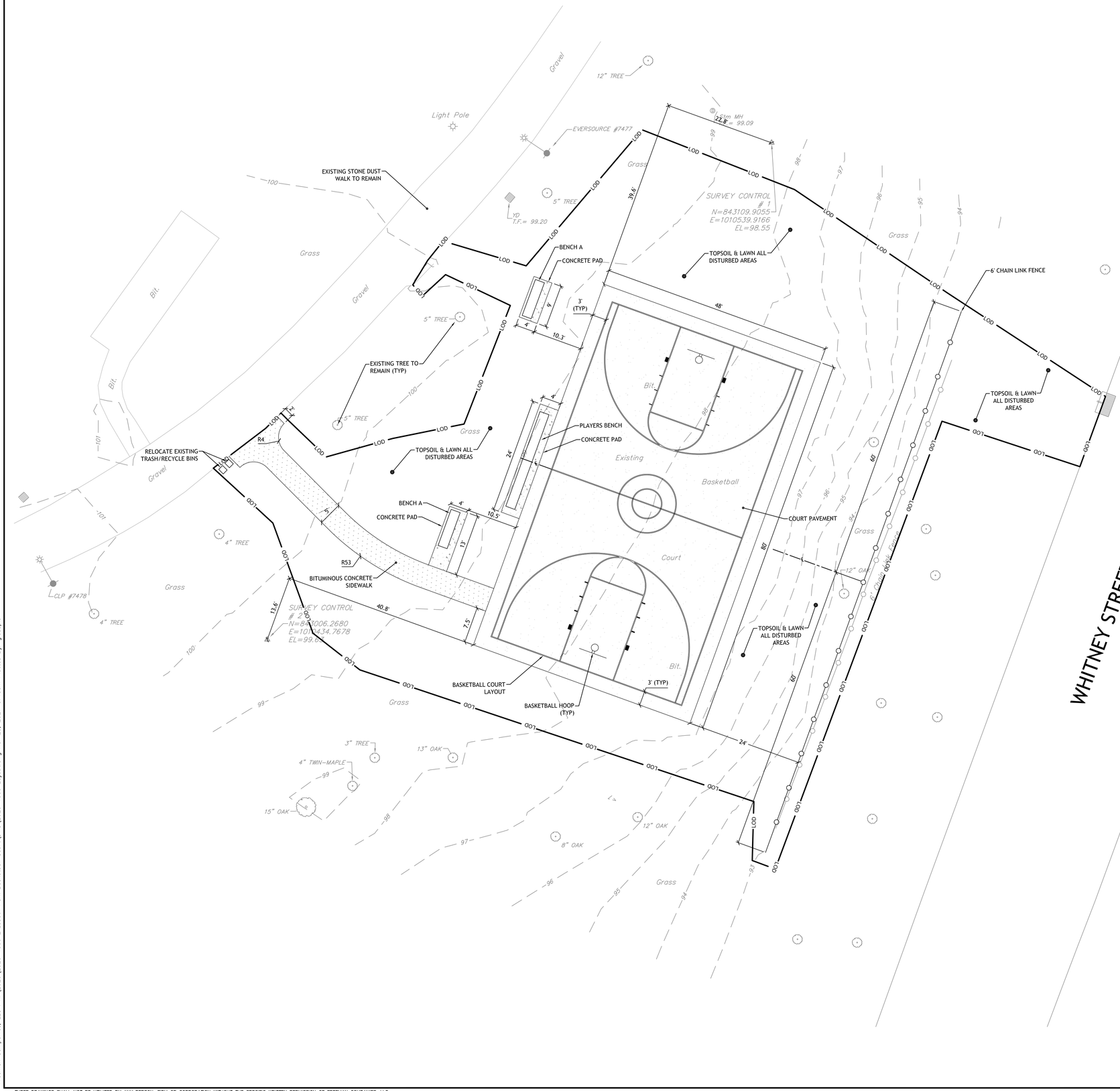
FREEMAN COMPANIES
36 JOHN STREET, HARTFORD, CT 06106
WWW.FREEMANCOS.COM
(860)525-9550
FAX (860)956-7917
ELEVATE YOUR EXPECTATIONS

ELIZABETH PARK
BASKETBALL COURT RENOVATION
872 PROSPECT AVENUE
HARTFORD, CONNECTICUT

DESIGNED:	GL
DRAFTED:	GL
CHECKED:	HH
APPROVED:	PR
SCALE:	AS SHOWN
PROJECT NO.:	2020-1006
DATE:	03/25/2021
CAD FILE:	2020-1006 Demo

TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C-101



ZONING INFORMATION

LOCATION: ELIZABETH PARK, 872 PROSPECT AVENUE, HARTFORD, CONNECTICUT
ZONE: OS - OPEN SPACE
USE: PARK
HISTORIC DISTRICT: PROSPECT AVENUE NATIONAL HISTORIC DISTRICT
PROJECT AREA: 13,229 SF / .303 ACRES

SITE PLAN NOTES

1. ALL CONSTRUCTION SHALL COMPLY WITH PROJECT SPECIFICATION MANUAL; CITY OF HARTFORD STANDARDS, AND METROPOLITAN DISTRICT COMMISSION (MDC) STANDARDS AND SPECIFICATIONS IN THE ABOVE REFERENCED INCREASING HIERARCHY. IF SPECIFICATIONS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION SHALL APPLY. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE OSHA, FEDERAL, STATE AND LOCAL REGULATIONS.
2. THE OWNER IS RESPONSIBLE FOR OBTAINING ALL NECESSARY ZONING PERMITS REQUIRED BY GOVERNMENT AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL CITY CONSTRUCTION PERMITS. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
3. REFER TO DETAILS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING/CONSTRUCTION. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
4. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL PRODUCTS, MATERIALS PER PLANS AND SPECIFICATIONS TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OR DELIVERY TO THE SITE. ALLOW A MINIMUM OF 14 WORKING DAYS FOR REVIEW.
5. SHOULD ANY UNKNOWN OR INCORRECTLY LOCATED EXISTING PIPING OR OTHER UTILITY BE UNCOVERED DURING EXCAVATION, CONSULT THE ENGINEER IMMEDIATELY FOR DIRECTIONS BEFORE PROCEEDING FURTHER WITH WORK IN THIS AREA.
6. THE CONTRACTOR SHALL RESTORE ANY DRAINAGE STRUCTURE, PIPE, CONDUIT, PAVEMENT, CURBING, SIDEWALKS, LANDSCAPED AREAS OR SIGNAGE DISTURBED DURING CONSTRUCTION TO THEIR ORIGINAL CONDITION OR BETTER, AS APPROVED BY THE ENGINEER.
7. THE ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OF PERSONNEL OR TO SUPERVISE SAFETY AND DO NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
8. ALTERNATIVE METHODS AND PRODUCTS, OTHER THAN THOSE SPECIFIED, MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCY PRIOR TO INSTALLATION DURING THE BIDDING/CONSTRUCTION PROCESS.
9. INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY PROVIDER AND CITY RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT "(800) 922-4455" AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
10. NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES.
11. FORM 818 IS THE LATEST CT DOT SPECIFICATION AT THIS TIME, ANY REFERENCE MADE TO OLDER VERSIONS SHALL REFER TO THE LATEST VERSION.

LEGEND

- BIT. CONC SIDEWALK
- CONCRETE PAD
- COURT PAVEMENT
- LOD — LIMIT OF DISTURBANCE

SURVEY REFERENCE

1. "TOPOGRAPHIC SURVEY ELIZABETH PARK BASKETBALL COURT, LOCATED ON WHITNEY STREET, HARTFORD, CONNECTICUT, EX-1, SCALE: 1"=10', DATE: 01/20/2021" AS PREPARED BY FREEMAN COMPANIES, HARTFORD, CT.
2. EDGE OF ROAD AND TREES EAST OF EXISTING FENCE TAKEN FROM: "OPEN HARTFORD GIS" https://openhartford-hartfordgis.opendata.arcgis.com/

GRAPHIC SCALE
10 5 0 10
SCALE IN FEET

OWNER
CITY OF HARTFORD
PARK DEPARTMENT
872 PROSPECT AVENUE
HARTFORD, CT

NO.	DATE	DESCRIPTION
		REVISIONS

FREEMAN COMPANIES
36 JOHN STREET, HARTFORD, CT 06106
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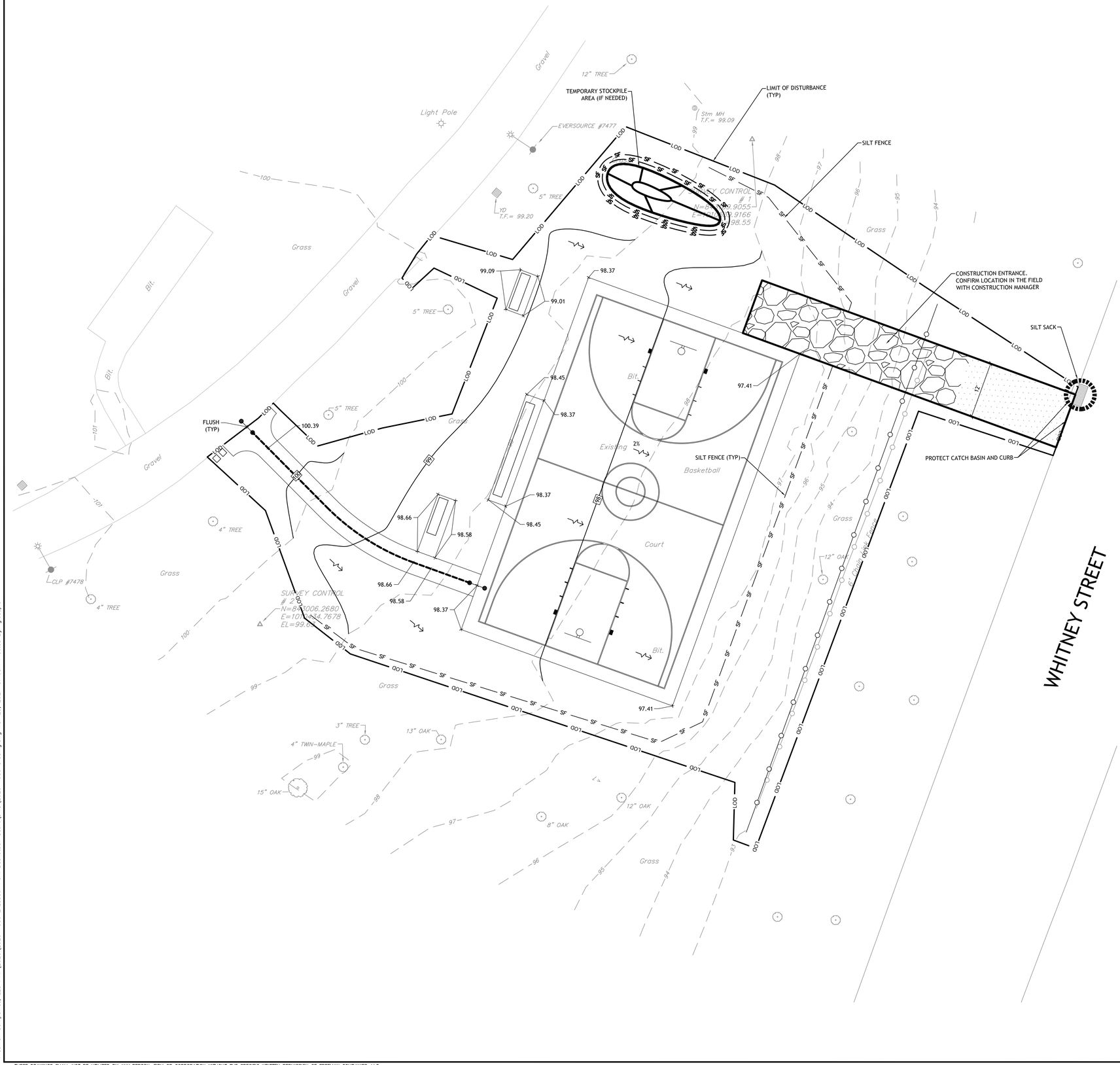
ELIZABETH PARK
BASKETBALL COURT RENOVATION
872 PROSPECT AVENUE
HARTFORD, CONNECTICUT

DESIGNED:	GL
DRAFTED:	GL
CHECKED:	HH
APPROVED:	PR
SCALE:	AS SHOWN
PROJECT NO.:	2020-1006
DATE:	03/25/2021
CAD FILE:	2020-1006 Layout

TITLE:
LAYOUT PLAN

SHEET NUMBER:
C-201



GRADING AND DRAINAGE NOTES

1. THE CONTRACTOR SHALL PRESERVE EXISTING VEGETATION WHERE POSSIBLE AND/OR AS NOTED ON THE DRAWINGS. REFER TO EROSION CONTROL PLAN FOR LIMIT OF DISTURBANCE AND EROSION CONTROL NOTES.
2. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AGENCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS FROM THE STATE AND CITY OF HARTFORD REQUIRED TO PERFORM ALL REQUIRED WORK. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
3. THE CONTRACTOR SHALL STRICTLY ADHERE TO THE 'EROSION CONTROL PLAN' CONTAINED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE TO POST ALL BONDS AS REQUIRED BY THE LOCAL MUNICIPALITIES.
4. ALL SITE WORK, MATERIALS OF CONSTRUCTION, AND CONSTRUCTION METHODS FOR EARTHWORK AND STORM DRAINAGE WORK, SHALL CONFORM TO THE SPECIFICATIONS AND DETAILS AND APPLICABLE SECTIONS OF THE PROJECT SPECIFICATIONS MANUAL. ALL FILL MATERIAL UNDER STRUCTURES AND PAVED AREAS SHALL BE PER THE ABOVE STATED APPLICABLE SPECIFICATIONS, AND SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATIONS UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL ENGINEER.
5. ALL DISTURBANCE INCURRED TO PUBLIC, MUNICIPAL, COUNTY, STATE PROPERTY DUE TO CONSTRUCTION SHALL BE RESTORED TO IT'S PREVIOUS CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF HARTFORD AND STATE OF CONNECTICUT.
6. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT SPECIFICATIONS MANUAL AND THE LOCAL MUNICIPALITY'S STANDARDS AND STATE DOT SPECIFICATIONS AS APPLICABLE FOR THE LOCATION OF THE WORK. WHERE SPECIFICATIONS OR STANDARDS ARE IN CONFLICT, THE MORE STRINGENT SPECIFICATION OR STANDARD SHALL BE SUPERIOR.
7. SHOP DRAWINGS: THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR DESIGNATED MATERIALS AND STRUCTURES FOR REVIEW AND APPROVAL PRIOR TO DELIVERY TO THE SITE. ALLOW 14 WORKING DAYS FOR REVIEW.

ACCESSIBILITY NOTES

1. SLOPES ALONG THE ACCESSIBLE ROUTE SHALL BE LESS THAN 1:20 (5%) AND THE CROSS SLOPES SHALL NOT EXCEED 1:50 (2%)

GRADING AND DRAINAGE LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- DIRECTION OF FLOW
- SILT FENCE
- LIMIT OF DISTURBANCE
- ACCESSIBLE ROUTE
- FLUSH
- CONSTRUCTION ENTRANCE
- TEMPORARY STOCKPILE AREA
- SILT SACK

SURVEY REFERENCE

1. "TOPOGRAPHIC SURVEY ELIZABETH PARK BASKETBALL COURT, LOCATED ON WHITNEY STREET, HARTFORD, CONNECTICUT, EX-1, SCALE: 1"=10', DATE: 01/20/2021" AS PREPARED BY FREEMAN COMPANIES, HARTFORD, CT.
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SCALE IN FEET

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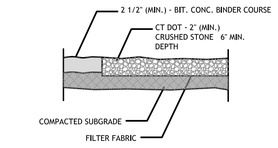
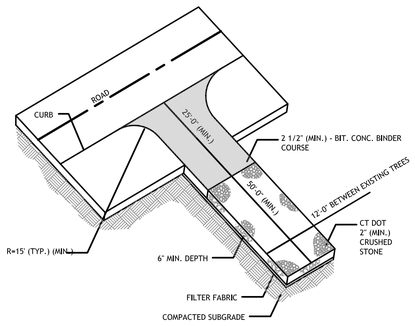
DESIGNED:	GL
DRAFTED:	GL
CHECKED:	HH
APPROVED:	PR
SCALE:	AS SHOWN
PROJECT NO.:	2020-1006
DATE:	03/25/2021
CAD FILE:	2020-1006 Grading

TITLE:
GRADING, DRAINAGE, EROSION & SEDIMENTATION CONTROL PLAN

SHEET NUMBER:
C-301



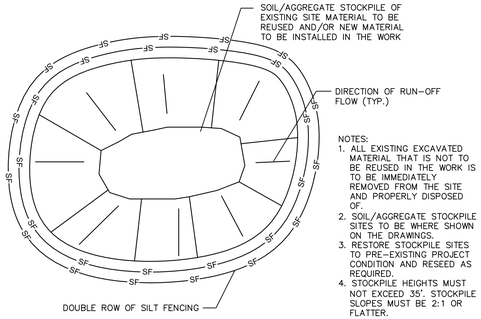
SECTION



PLAN

CONSTRUCTION ENTRANCE

N.T.S.

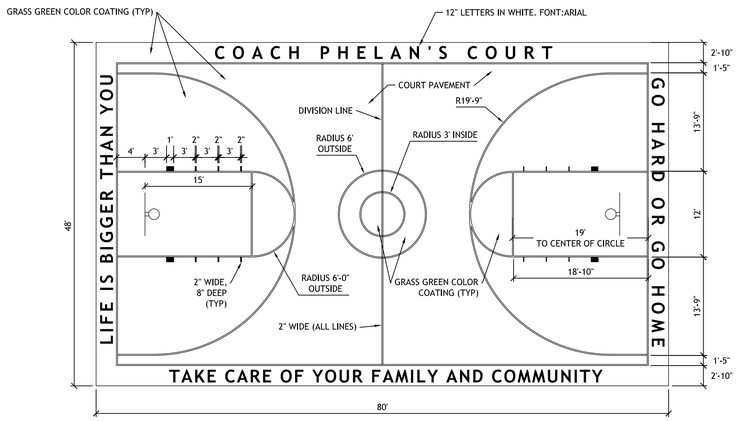


NOTES:
1. ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF.
2. SOIL/AGGREGATE STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS.
3. RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITION AND RESEED AS REQUIRED.
4. STOCKPILE HEIGHTS MUST NOT EXCEED 35', STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.

TEMPORARY STOCKPILE AREA

N.T.S.

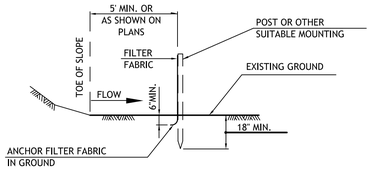
WHITNEY STREET



NOTE: ALL COATINGS AND STRIPING TO BE ACRYLIC PER SPECIFICATIONS

BASKETBALL COURT LAYOUT

N.T.S.



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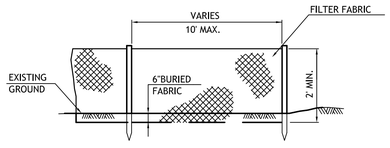
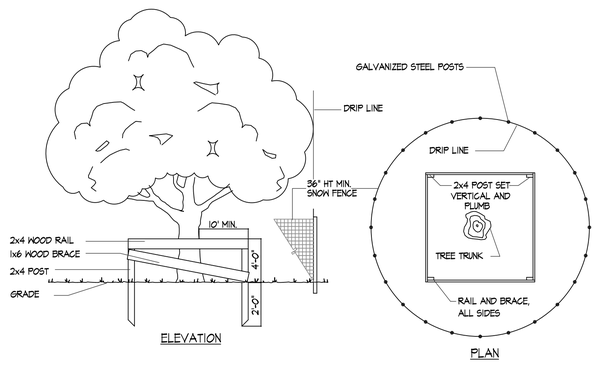


ELEVATION

SILT FENCE

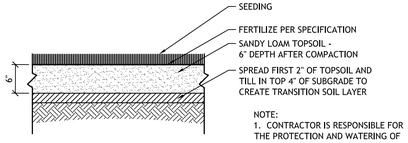
N.T.S.



ELEVATION PLAN

TREE PROTECTION

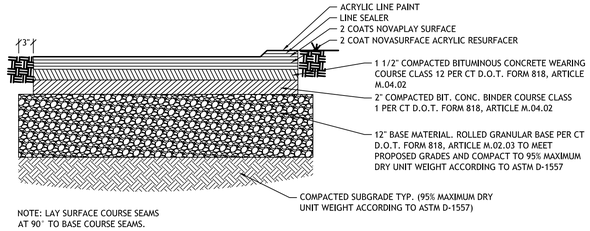
N.T.S.



NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND WATERING OF GRASS UNTIL FINAL ACCEPTANCE.

TOPSOIL/LAWN

N.T.S.

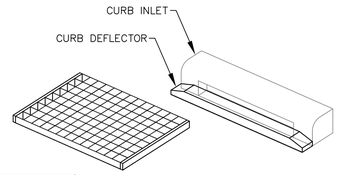


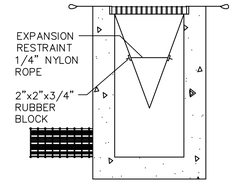
NOTE: LAY SURFACE COURSE SEAMS AT 90° TO BASE COURSE SEAMS.

SECTION

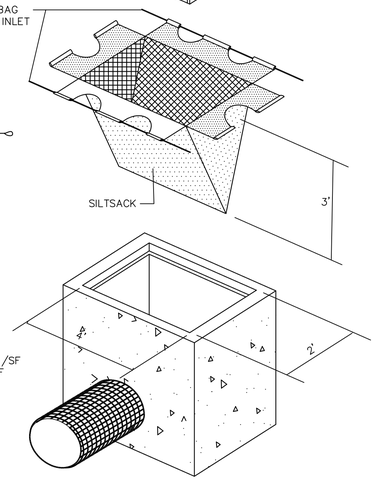
COURT PAVEMENT

N.T.S.





NOTE: REGULAR FLOW = 40 GAL./MIN./SF
HIGH FLOW = 200 GAL./MIN./SF



SILT SACK

N.T.S.

OWNER
CITY OF HARTFORD
PARK DEPARTMENT
872 PROSPECT AVENUE
HARTFORD, CT

NO.	DATE	DESCRIPTION
		REVISIONS

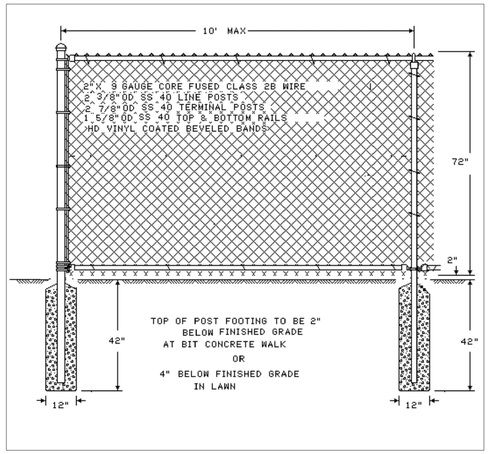
FREEMAN COMPANIES
36 JOHN STREET, HARTFORD, CT 06106
WWW.FREEMANCOS.COM
(860)525-4500
FAX:(860)986-7161
ELEVATE YOUR EXPECTATIONS

ELIZABETH PARK
BASKETBALL COURT RENOVATION
872 PROSPECT AVENUE
HARTFORD, CONNECTICUT

DESIGNED:	GL
DRAFTED:	GL
CHECKED:	HH
APPROVED:	PR
SCALE:	AS SHOWN
PROJECT NO.:	2020-1006
DATE:	03/25/2021
CAD FILE:2020-1006 Details	

TITLE:
SITE DETAILS

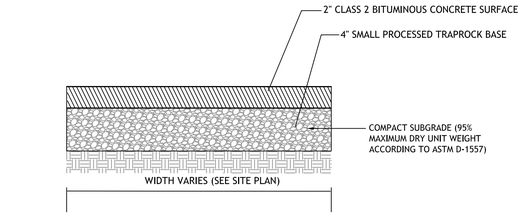
SHEET NUMBER:
C-401



NOTE: FENCE FINISH: BLACK VINYL COATED

CHAINLINK FENCE

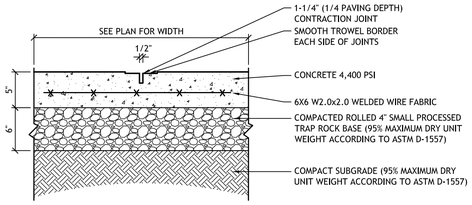
N.T.S.



SECTION

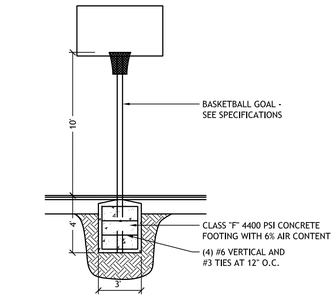
BITUMINOUS CONCRETE SIDEWALK

N.T.S.



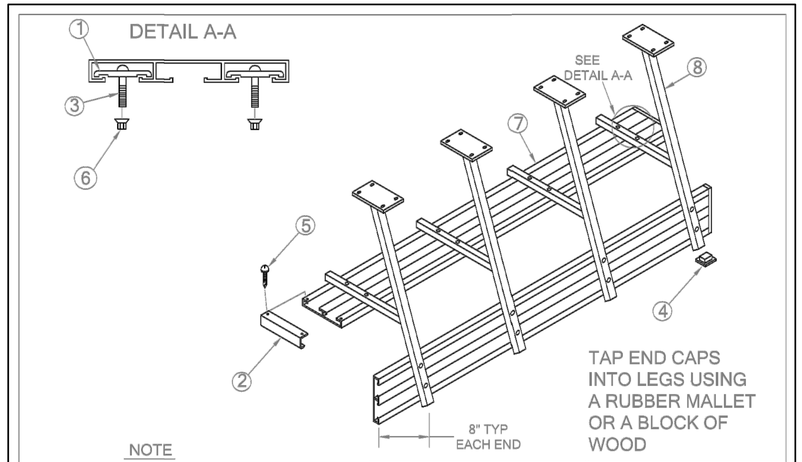
CONCRETE PAD

N.T.S.



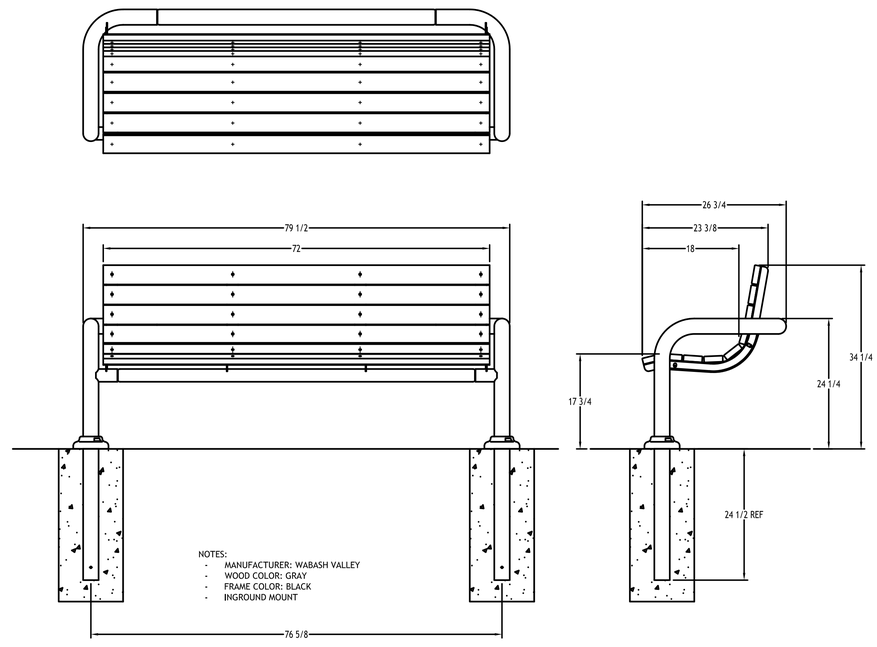
BASKETBALL HOOP

N.T.S.



PLAYERS BENCH

N.T.S.



BENCH A

N.T.S.

OWNER
CITY OF HARTFORD
PARK DEPARTMENT
872 PROSPECT AVENUE
HARTFORD, CT

NO.	DATE	REVISIONS DESCRIPTION

FREEMAN COMPANIES
36 JOHN STREET, HARTFORD, CT 06106
WWW.FREEMANCOS.COM
(860)251-9550
FAX:(860)986-7161
ELEVATE YOUR EXPECTATIONS

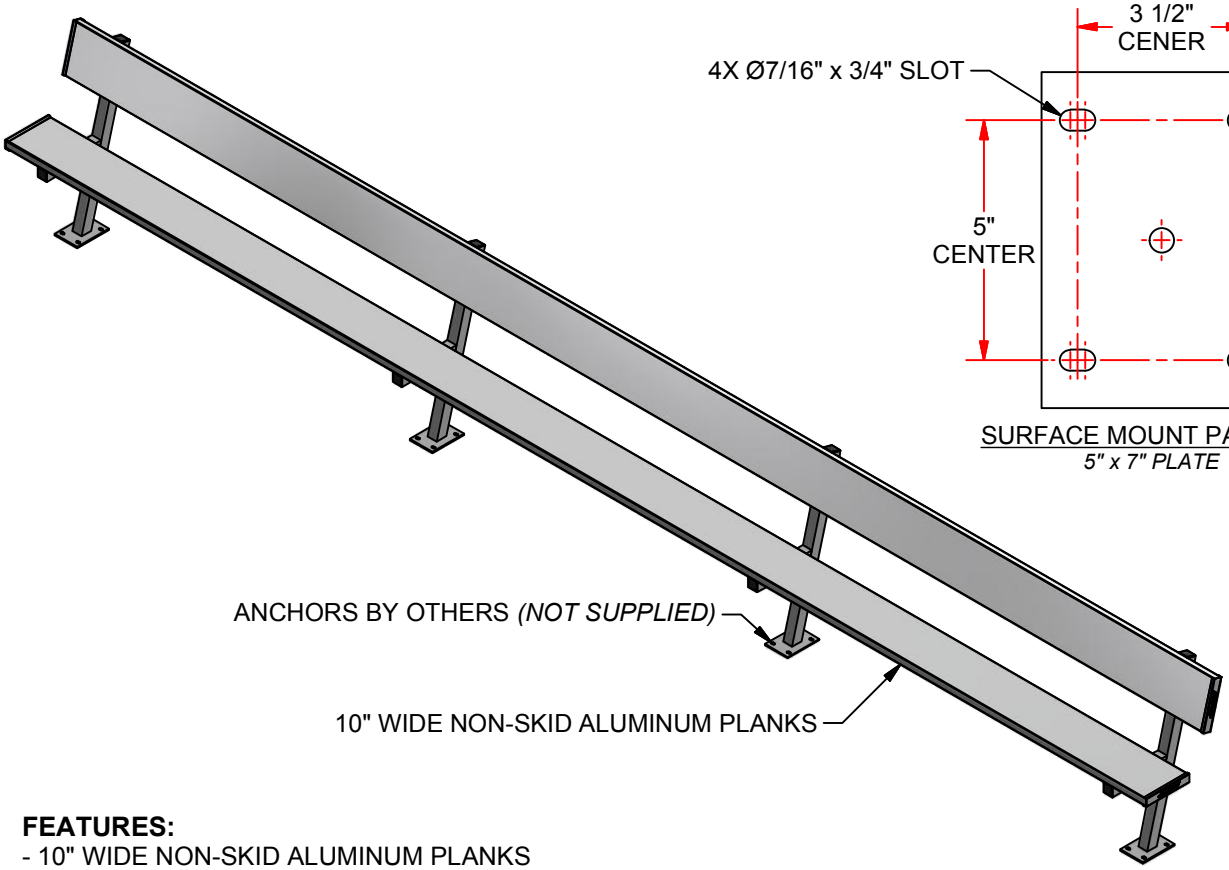
ELIZABETH PARK
BASKETBALL COURT RENOVATION
872 PROSPECT AVENUE
HARTFORD, CONNECTICUT

DESIGNED:	GL
DRAFTED:	GL
CHECKED:	HH
APPROVED:	PR
SCALE:	AS SHOWN
PROJECT NO.:	2020-1006
DATE:	03/25/2021
CAD FILE:	2020-1006 Details

TITLE:
SITE DETAILS

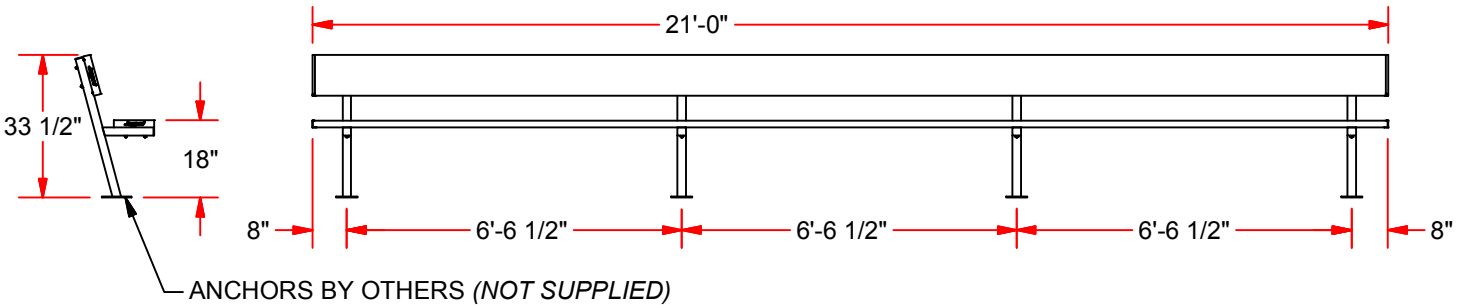
SHEET NUMBER:
C-402

PB-10SM 21' SURFACE MOUNT PLAYERS BENCH W/ BACK REST



FEATURES:
- 10" WIDE NON-SKID ALUMINUM PLANKS
- 2" x 2" HEAVY DUTY GALVANIZED STEEL LEGS FOR SUPERIOR RUST RESISTANCE
- PLANKS ARE SUPPORTED BY A STRONG, GALVANIZED STEEL UNDERSTRUCTURE
- PLAYER BENCH WITH BACK REST
- SEAT PLANK IS 18" FROM GROUND
- SURFACE MOUNT READY FOR WIDE VARIATIONS IN FLOOR CONSTRUCTION

OPTIONS:
- CUSTOM POWDER COATED COLORS



jaypro sports
INNOVATION, PERFORMANCE AND COMMITMENT SINCE 1953

PB-10SM

21' SURFACE MOUNT PLAYERS BENCH W/ BACK REST

www.jaypro.com
(800) 243-0533
976 Hartford Turnpike
Waterford, CT 06385 USA

Bench w/ Back Series

model no:

GV430G

GREEN VALLEY

6' BENCH, INGROUND
PolyTuf® Plastic lumber Custom–Extruded – Cedar and Tudor

customer service:

ASSEMBLERS: If you find any parts missing or damaged, or if you're having difficulty assembling your furniture/equipment, call us at:

* Before calling, have your product model number available.

1–800–253–8619 (Inside U.S.A.)
260–352–2102 (Outside U.S.A.)
Monday thru Friday,
8:00 AM – 4:30 PM Eastern Time
(EXCEPT HOLIDAYS)

Any correspondence concerning our product should be sent directly to our Customer Service Manager at:

GREEN VALLEY
a division of Wabash Valley Mfg., Inc.
505 E. Main Street
P.O.Box 5
Silver Lake, IN 46982 U.S.A.
FAX: 260–352–2160
or email: cs@wabashvalley.com

maintenance:

Regular inspection and maintenance of all parts, and fasteners is necessary. Tighten all bolts and nuts. Inspect Tops, Seats, Legs, Braces and Fasteners periodically for wear or vandalism. Replace broken or worn parts immediately or take equipment out of service until repairs are made. Use genuine Green Valley replacement parts.

KEEP THIS ASSEMBLY/SPECIFICATION SHEET FOR FUTURE REFERENCE.

specifications:

NOTE: We reserve the right to change specifications without notice.

Framework assemblies are finished with powder coating; electrostatically applied and oven cured according to powder manufacturer's specifications. Fasteners are stainless steel to resist corrosion.

BENCH LEGS:
Main supports are constructed of 2 7/8" od x 12 gage structural steel tubing. Attach tubes are constructed of 2 3/8" od x 12 gage and 2 7/8" od x 12 gage structural steel tubing. Mounting brackets on legs are 10 gage sheet steel. The mounting plate covers are 2 piece cast aluminum.

BENCH:
The bench's frame panel is constructed of 10 gage formed sheet steel and mounting brackets of 10 gage sheet steel. The planks are made of PolyTuf® Plastic lumber consisting of recycled plastic.

GENERAL:
6' Bench ground space requirements are 26 3/4" x 79 1/2". The seat is 72" long x 23 3/8" wide and 17 3/4" to the top of the seat.

PolyTuf HDPE plastic lumber is custom-extruded from purified blends of recycle plastics – the kind that come from milk and detergent bottles. PolyTuf plastic lumber is well suited for exterior applications where resistance to weathering and minimal maintenance is required, and a quality appearance is essential. PolyTuf maintains its color stability and surface finish over its entire useful service life, and never needs to be sealed, painted or stained.

AAMA 2604-05 Certification

Our seven-step powder-coat system exceeds AAMA 2604-05 (American Architectural Manufacturers Association) test specifications—one of the highest in the industry. Our coating stood up to some of the toughest test specifications, including adhesion, abrasion resistance, chemical resistance, corrosion resistance and fade resistance, to ensure that our products will last longer than anyone else's.

AAMA 2604-05 test Procedures and Performance Requirements

Test Requirements	Compliance
Salt-Spray Resistance: 3,000 hours per ASTM B 117	**Yes**
Weathering: Color Retention, 5-year south Florida sun, per ASTM D 2244 with a maximum 5deltaE change	**Yes**
Weathering: Chalk resistance, 5-year south Florida sun, per ASTM D 4214 with a max rating of 8	**Yes**
Weathering: Gloss Retention, 5-year south Florida sun, per ASTM D 523 with a min of 30%	**Yes**
Weathering: Resistance to Erosion, 5-year south Florida sun, with less than 10% film loss	**Yes**
Chemical Resistance: Muriatic Acid, Mortar, Nitric Acid, Detergent and Window Cleaner	**Yes**
Dry Film Hardness per ASTM D 3363 with no rupture	**Yes**
Adhesion: Dry Adhesion, Wet Adhesion and Boiling Water Adhesion using the cross hatch method with 0% failure	**Yes**

Seven Steps to Long-Lasting Furniture: Our Superior Powder-Coating Process

What's responsible for the good looks and durability of all our products? Our seven-step powder-coating process, which is unlike any other in the industry. While other companies also offer powder-coated products, our seven-step process ensures the highest quality and longevity for our products.

STEP 1—Shot-Blasting to White Metal

First, all of our metal is cleaned to white metal. We strip it to its purest form using our state-of-the-art shot-blast system. This process removes all the impurities from the metal, especially at the weld joints. It's more effective than traditional acid cleaning and also creates a more textured surface, allowing for better adhesion of the powder coat.

STEP 2—Five-Stage Chemical Pre-Treatment

Next, the metal goes through a five-stage chemical pre-treatment cleaning process. It is etched, rinsed and cleaned to eliminate any residue, then it's sealed—further promoting adhesion and encouraging corrosion prevention.

STEP 3—Pre-Heating

Prior to coating, the part is pre-heated so that it can be dried, warmed and then sent directly to the spray booth. With the part heated, it draws powder into the joints, corners and hard-to-reach places to ensure complete coating of the entire surface.

STEP 4—Zinc-Rich Epoxy Coating

After the pre-heating, a Zinc-Rich epoxy powder-coating is applied to provide the highest quality of corrosion control. It works as a prime coat to protect the metal from corrosion before it receives its topcoat.

STEP 5—Zinc-Rich Epoxy Coating Gel-Cure

Next, the Zinc-Rich epoxy coating is cured to a gel, allowing the polyester topcoat to combine with the Zinc-Rich epoxy, promoting better adhesion.

STEP 6—AAMA 2604-Compliant Polyester Topcoat

A polyester topcoat is then applied that's specially formulated to meet AAMA 2604 standards for fading, cracking, chalking, gloss retention, erosion resistance and chemical resistance. No one else in the industry uses this high standard of topcoat. It ensures that our products will maintain their beauty and durability for years to come.

STEP 7—Final Cure

Finally, the metal goes through a cure oven, which hardens the topcoat and completes the integrated bonding between the Zinc-Rich epoxy and AAMA 2604-Compliant Polyester Topcoat.

assembly procedures:

IMPORTANT: Assemblers should be reasonably skilled in the assembly of commercial grade/heavy duty fabricated steel equipment.

To ensure proper assembly, it is suggested that you take adequate time to locate and identify each part. To prevent scratching of the finished pieces, we recommend this unit to be assembled on a clean, flat, solid, surface with a drop cloth, allowing plenty of working room. **Also please read the instructions and study the sketches very carefully.** A little extra time spent before assembly will be well worth it in performing a complete, proper assembly. Please note that all parts have been precut and pre–drilled.

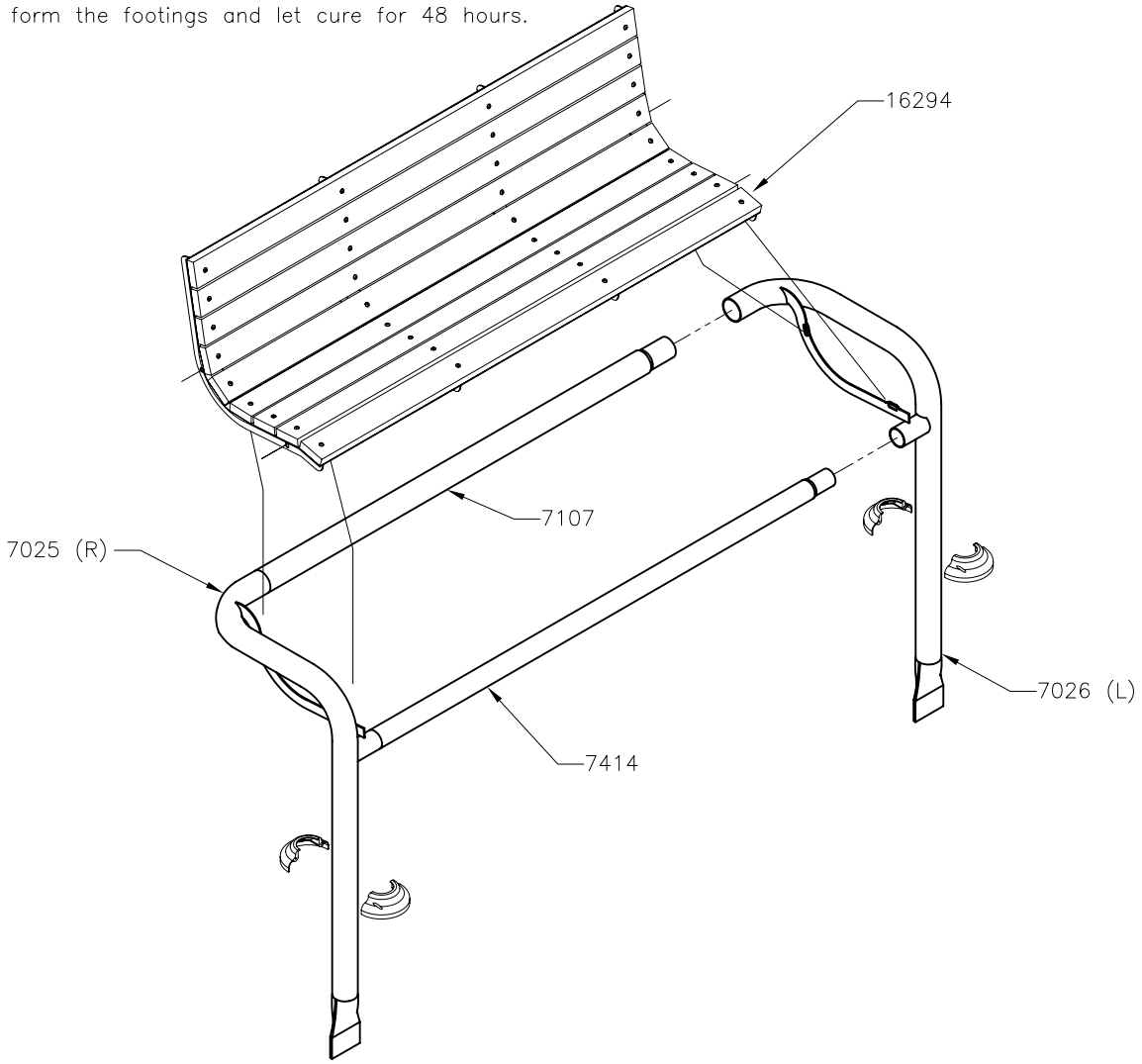
During the assembly process leave all bolts and nuts "finger tight", until the entire unit is completely assembled. This allows room for movement to level or adjust all seats, tops, benches, framework and braces if necessary. **After final adjustment and leveling, permanently tighten all nuts, bolts and fasteners.**

STEP 1
Lay both right and left inground legs (7025, 26) approximately the distance of the attached tubes (7107, 7413) apart, so that the inground legs are on the floor with the round sleeves and formed tube on each leg facing inward. Take the ends of each attach tube and insert into the round sleeves and formed tube of each leg. The leg and attach tube assembly is representative of illustration below.

STEP 2
Position 16294 bench above legs and lower bench aligning the mounting brackets on each leg to the inside of the bench seat on each end. It may be necessary to push leg inward to bring mounting brackets on leg and bench in order to bolt them together. Use two 5/16" x 1 1/2" hex head bolts with two 3/8" flat washers, one 5/16" nut and one 5/16" split washer per each bolt.

STEP 3
Prepare the foundation holes according to the dimensions given on page 4. Place the bench/legs assembly in the footing holes and block bench to maintain bench seat height. Before pouring concrete, make sure the bench is level horizontally as well as vertically and holds 17 3/4" to the top of the bench seat.

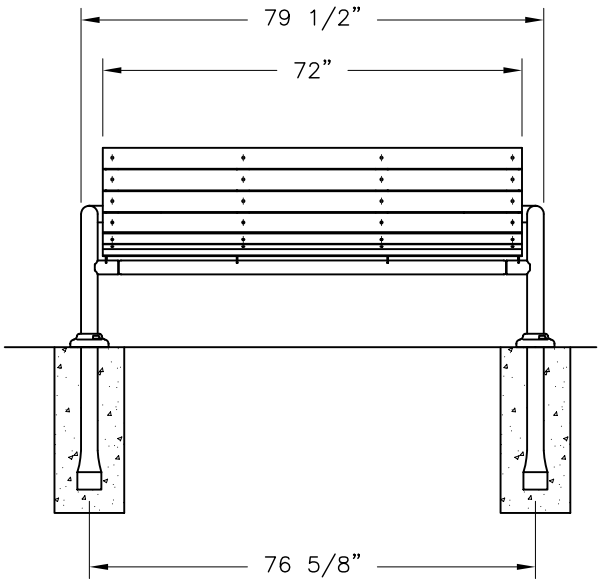
STEP 4
Pour concrete to form the footings and let cure for 48 hours.

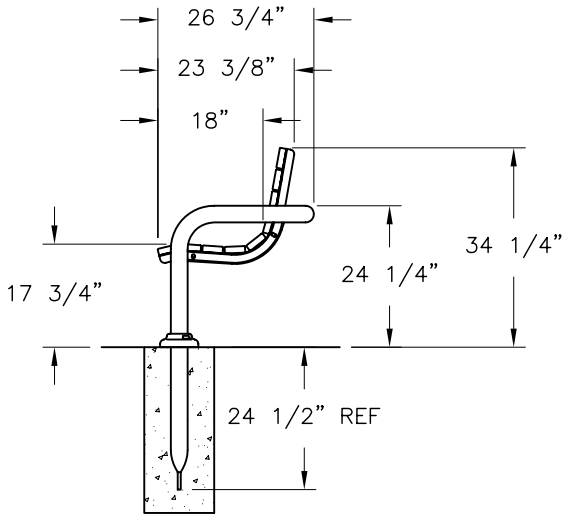


installation:

WARNING: The proper installation for Green Valley products may depend upon many factors unique to the site, location, or use of a particular product. Consult with your contractor or other professional to determine your specific installation requirements.

product dimensions:





— Instruction Manual —

BA871, BA872

Ultimate Playground Basketball System Instructions

Customer Service
(800) 247-7668

PARTS LIST

Item	Qty	Description	Item	Qty	Description
A	1	Vertical Pole	I	1	BA47U/47A Backboard (2 req'd on Model BA872)
B	1	Extension Arm (2 req'd on Model BA872)	J	1	BA39U Rim (2 req'd on Model BA872)
C	1	Mounting Plate (Not req'd on Model 872)	K	1	Rim Mounting Hardware (included with BA39U/BA39U-GV)
D*	6	5/8" x 8" Hex Bolts	L	2	7/16" x 1-1/2" Carriage Bolt (4 req'd on Model BA872)
E*	6	5/8" Hex Nuts	M*	2	7/16" Flat Washers (4 req'd on Model BA872)
F*	6	5/8" Flat Washers	N*	2	7/16" Lock Washers (4 req'd on Model BA872)
G*	6	5/8" Lock Washers	O*	2	7/16" Hex Nuts (4 req'd on Model BA872)
H	8	3/8" x 1-1/2" Spring Pins	P	1	Pole Cap

* Stainless Steel on BA871 and BA872 Coastal System

Warning!!!
The *Extension Arm* is EXTREMELY heavy!
Stay away from the area below the *Extension Arm*/*Backboard* while installing or adjusting!
Serious injury or death may occur.

- To eliminate the possibility of vandals loosening the extension arm clamp bolts, distort the threads with a hammer and chisel when installation is complete.
- Inspect all contents prior to installation. Report any missing parts to dealer immediately.
- Read all instructions before proceeding.

Date: 09/19/19 Rev: 9 B.A. N.J.C. File: Bisonserver\publisher\instructions\BA871 Ref#: 930153

1. Position the *Vertical Pole* (A) taking into consideration that the *BA47U/BA47A Backboard* (I) will be approximately 5' from the front of the *Vertical Pole* (A). Dig a 12" minimum diameter by 48" deep hole. It is advisable to bell out the bottom of the hole about 4" larger in diameter. A larger diameter hole is always better than a hole that is not large enough. If you are installing in loose, sandy or otherwise non compacted soil increase hole diameter to at least 24". **Never** install using Sonotubes. Pole must be installed in the center of the concrete footings to avoid footing failure.

2. Make sure that you have the following tools available prior to pouring the concrete footing: a level, a broomstick or similar pole, bracing materials, and a tape measure. If you have made your hole larger than 12" diameter x 48" deep, than you will require more concrete. Having enough concrete before you start will ensure proper strength of the footing.

3. Mix concrete according to instructions on the bag. It is advantageous to have the mixture be "wet". This will increase your working time and allow the batches to mix in the hole. Pour the hole full to ground level. Insert the broomstick into the wet concrete and agitate up and down, REPEAT SEVERAL TIMES. Insert the *Vertical Pole* (A) into the concrete while continuing to agitate broomstick to ensure the mixture fills in good around the *Vertical Pole* (A). Make sure that at least 100" of pole extends above desired playing surface to ensure official 10'-0" playing height. (Approximately to decal on pole, **see illustration**.) Clean excess concrete off of the *Vertical Pole* (A) with a damp towel and smooth the top of the footing. Level the *Vertical Pole* (A) and apply bracing materials to support while concrete cures.

4. Install 4 (four) *Spring Pins* (H) in *Mounting Plate* (C) so that they are flush with the back side of the *Mounting Plate* (C). Install 4 (four) *Spring Pins* (H) in the *Mounting Plate* (C) on the *Extension Arm* (B) with the *Spring Pins* (H) flush to the *BA47U/BA47A Backboard* (I) side. These *Spring Pins* (H) are essential to the alignment of the *Extension Arm* (B) to the *Vertical Pole* (A). Spring pins will be pre-installed in "Hot-Dip" Galvanized poles.

5. After allowing 48 hours curing time for the concrete, mount the *Extension Arm* (B) as shown using hardware provided. The *Extension Arm* (B) can be loosely mounted at the ground level and raised to correct height depending on equipment availability.

WARNING! EXTENSION ARM IS EXTREMELY HEAVY! STAY AWAY FROM THE AREA BELOW THE EXTENSION ARM/BACKBOARD WHILE INSTALLING OR ADJUSTING. SERIOUS INJURY OR DEATH MAY OCCUR.

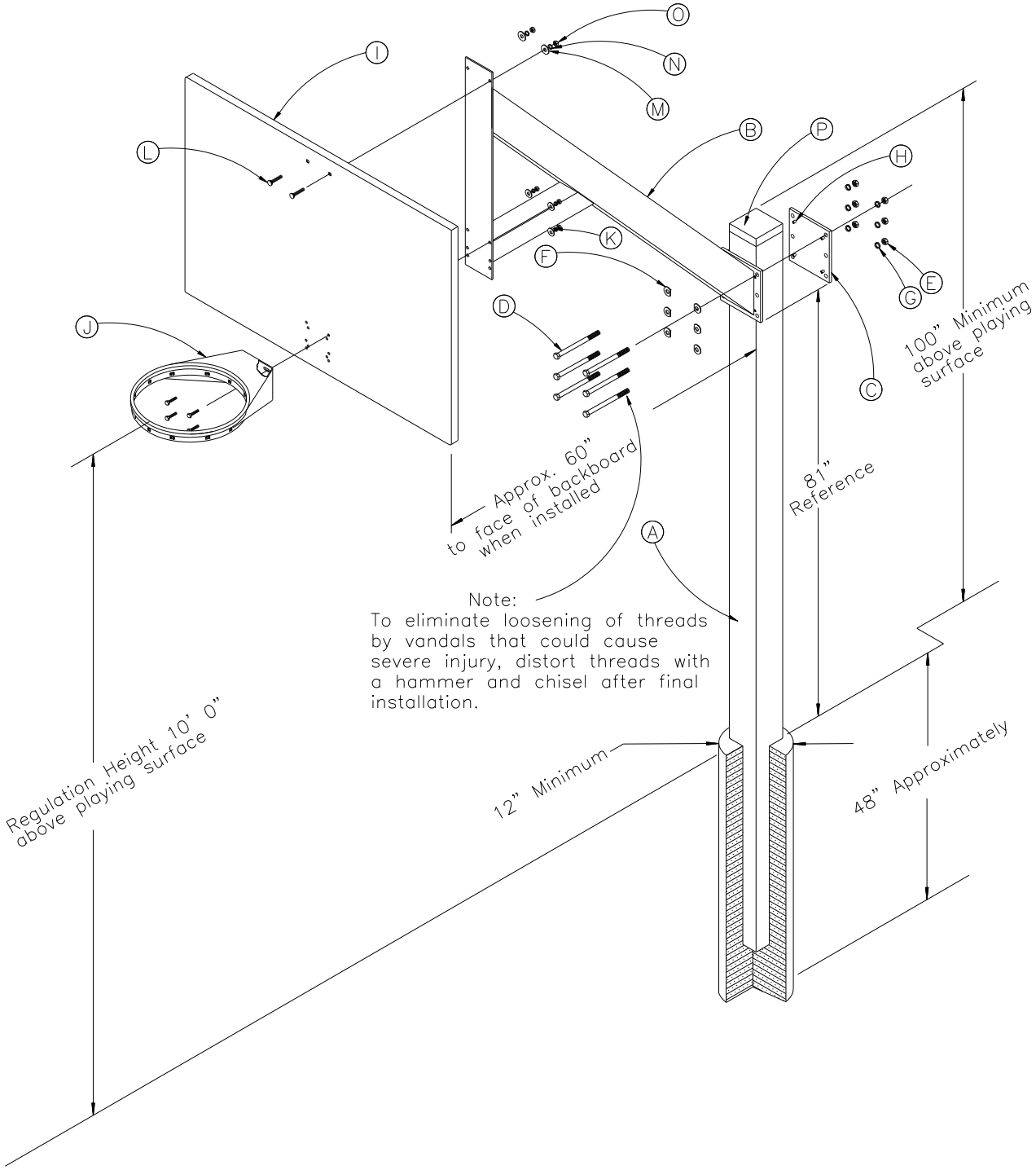
6. Install the *Model BA47U/BA47A Backboard* (I) over the top lip on the *Extension Arm* (B) and attach the *BA47U/BA47A Backboard* (I) to arm with the 7/16" hardware provided (L)(M)(N)(O). Finger tighten only.

7. Install the *Model BA39U Rim* (J) using the hardware provided with it.

8. Tighten all bolts making sure the *Model BA39U Rim* (J) is at the desired height.

9. Install the *Pole Cap* (P).

10. To eliminate possible loosening of the extension arm bolts by vandals, which could cause serious injury or death, distort the thread on the six *5/8" x 8" Hex Bolts* (D) with a chisel and hammer


O
N
M
I
L
B
P
H
K
F
G
E
D
J
C
100" Minimum
above playing
surface
Approx. 60"
to face of backboard
when installed
81"
Reference
A
Note:
To eliminate loosening of threads
by vandals that could cause
severe injury, distort threads with
a hammer and chisel after final
installation.
Regulation Height 10' 0"
above playing surface
12" Minimum
48" Approximately