ARCH E1 30" x 42"

PRINCETON UNIVERSITY

PRINCETON UNIVERSITY BASEBALL BALLPARK

VOLUME 1

West Windsor Township Preliminary/ Final Major Site Plan Application
Baseball Ballpark
Lot: 1.0113, Block: 3
West Windsor Township
Mercer County, NJ

July 08, 2024

OWNER / APPLICANT

THE TRUSTEES OF PRINCETON UNIVERSITY
E.A. MacMillan Building
Princeton, NJ 08544

ARCHITECT OF RECORD

PENDULUM STUDIO LLC
1512 Holmes St., Kansas City, MO 64108
(816) 335-3030

CONSULTANTS

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(609) 681-2480

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New York, NY 10014
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Landscape Architect
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BFJ Planning
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Stormwater Engineering
Nitsch Engineering
2 Center Plaza, Suite 430
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(617) 338-0063

Owner's Land Use Attorney
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Princeton, NJ 08542
(609) 716-6615

Playing Field Design
Kimley-Horn and Associates, Inc.
805 Pennsylvania Ave, Suite 150
Kansas City, MO 64105
(816) 652-0350

GENERAL

VOL 1	COVER SHEET - VOLUME 1

CIVIL DRAWINGS

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C-201	LAKE CAMPUS GENERAL DEVELOPMENT PLAN PROGRESS
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LANDSCAPE DRAWINGS

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L-110	TREE PRESERVATION PLAN
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L-300	SITE SECTIONS
L-500	MATERIAL DETAILS
L-600	FURNISHING DETAILS
L-900	PLANTING DETAILS

PRELIMINARY / FINAL

1. SITE PLAN OF West Windsor Township

   BLOCK 3 LOT 1.0113 ZONE E

   DATE 07/08/2024 SCALE As Noted

   APPLICANT The Trustees of Princeton University

   ADDRESS E.A. MacMillan Building, Princeton, NJ 08544

   SITE PLAN CONTROL NO._____

2. I CONSENT TO THE FILING OF THIS SITE PLAN WITH THE TOWNSHIP PLANNING BOARD OF WEST WINDSOR TOWNSHIP.

   _____ (Owner) _____ (Date)

3. To be signed before issuance of a Building Permit and incorporated only on a Final Site Plan (as applicable):

   I HEREBY CERTIFY THAT A BOND HAS BEEN POSTED FOR ALL THE REQUIRED IMPROVEMENTS IN COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

   _____ (Township Clerk) _____ (Date)

   _____ (Building Permit Issued) _____ (Date)

4. To be incorporated only on Final Site Plan and signed prior to issuance of a Building Permit:

   VERIFICATION THAT PAYMENT OF MUNICIPAL TAXES OR ASSESSMENTS IS CURRENT

   _____ (Township Clerk) _____ (Date)

5. APPROVED BY THE PLANNING BOARD
   (Preliminary Approval Date)_____
   (Final Approval Date)_____

   _____ (Chairman) _____ (Date)

   _____ (Secretary) _____ (Date)

6. APPROVED BY THE HEALTH OFFICER

   _____ (Chairman) _____ (Date)

7. EXPIRATION OF APPROVAL (PRELIMINARY – 3 YEARS; FINAL – 2 YEARS)

   _____ Date of Expiration (Without Extensions)

PENDULUM

Princeton University
Baseball Ballpark
West Windsor, NJ 08540

ARCHITECT OF RECORD
PENDULUM STUDIO LLC
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tel - 816.335.3030

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2/19/26

Vladimir Wojno-Ordonez
Professional Engineer
License Number: 24GE04287700
NJ Certificate of Authorization #: 24GA27957200
Vanasse Hangen Brustlin (VHB)
One Penn Plaza, Suite 715, New York, NY 10119

WEST WINDSOR TOWNSHIP MAJOR SITE PLAN APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
7	02-19-2026	Revisions after TRC
6	12-10-2025	Reduced Building Size
5	03-12-2025	Revised per WWT Technical Compliance Review
4	02-05-2025	WWT Resolution Compliance
3	11-22-2024	Issued to DRCC and MCPB
2	10-09-2024	Revised per Technical Review Committee Meeting
1	07-08-2024	WWT Preliminary Final Major Site Plan Application

KEY PLAN



SHEET TITLE

COVER SHEET - VOLUME 1

SHEET NUMBER

VOL 1

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ARCH E1 30" x 42"

Legend

Exist.	Prop.	
		PROPERTY LINE
		PROJECT LIMIT LINE
		RIGHT-OF-WAY/PROPERTY LINE
		EASEMENT
		BUILDING SETBACK
		PARKING SETBACK
10+00	10+00	BASELINE
		CONSTRUCTION LAYOUT
		ZONING LINE
		TOWN LINE
		LIMIT OF PROJECT SCOPE
		PROPOSED GREENBELT
NJFH	NJFH	NJ FLOOD HAZARD AREA BOUNDARY
100YR	100YR	100-YEAR FLOODPLAIN LIMITS
WET	WET	FRESHWATER WETLANDS BOUNDARY
WTB	WTB	FRESHWATER WETLANDS TRANSITION AREA BOUNDARY
DRCC	DRCC	DRCC STREAM CORRIDOR
		GRAVEL ROAD
EOP	EOP	EDGE OF PAVEMENT
BB	BB	BITUMINOUS BERM
BC	BC	BITUMINOUS CURB
CC	CC	CONCRETE CURB
CG	CG	CURB AND GUTTER
ECC	ECC	EXTRUDED CONCRETE CURB
CC	MCC	MONOLITHIC CONCRETE CURB
CC	PCC	PRECAST CONC. CURB
SGE	SGE	SLOPED GRAN. EDGING
VGC	VGC	VERT. GRAN. CURB
		LIMIT OF CURB TYPE
		SAWCUT
		BUILDING
	EN	BUILDING ENTRANCE
	LD	LOADING DOCK
		BOLLARD
D	D	DUMPSTER PAD
		SIGN
		DOUBLE SIGN
		STEEL GUARDRAIL
		WOOD GUARDRAIL
		PATH
		TREE LINE
		WIRE FENCE
		CONSTRUCTION FENCE
		STOCKADE FENCE
		STONE WALL
		RETAINING WALL
		STREAM / POND / WATER COURSE
		DETENTION BASIN
		HAY BALES
		SILT FENCE
		SILT SOCK / STRAW WATTLE
4	4	MINOR CONTOUR
20	20	MAJOR CONTOUR
10	10	PARKING COUNT
	C10	COMPACT PARKING STALLS
DYL	DYL	DOUBLE YELLOW LINE
SL	SL	STOP LINE
		CROSSWALK
		ACCESSIBLE CURB RAMP
		ACCESSIBLE PARKING
VAN	VAN	VAN-ACCESSIBLE PARKING

Exist.	Prop.	
		SIDEWALK PAVEMENT
		CONCRETE PAVING
		ASPHALT MILLINGS AND OVERLAY
		TEMPORARY SOIL STOCKPILE
		CONSTRUCTION ENTRANCE
		TEMPORARY SEDIMENT BASIN
		PAVERS
		VEHICULAR PAVEMENT
		BIORETENTION
		ROADWAY GREEN INFRASTRUCTURE
		INFILTRATION TRENCH
		PERVIOUS PAVEMENT
		STABILIZED EARTH
		REINFORCED TURF
27.35 TC	27.35 TC	TOP OF CURB ELEVATION
26.85 BC	26.85 BC	BOTTOM OF CURB ELEVATION
85.50	85.50	SPOT ELEVATION
45.0 TW 38.5 BW	45.0 TW 38.5 BW	TOP & BOTTOM OF WALL ELEVATION
		BORING LOCATION
		TEST PIT LOCATION
MW	MW	MONITORING WELL
SD	SD	STORM PIPE
UD	UD	UNDERDRAIN
W	W	WATER (PRINCETON)
NJAW	NJAW	WATER (NJAW)
GAS	GAS	GAS
SAN		SANITARY SEWER
PSE&G	E	ELECTRIC
OIT	OIT	OIT SERVICE
	HW	HOT WATER DISTRIBUTION
	CW	CHILL WATER DISTRIBUTION
	FP	FIRE PROTECTION
	GEO	GEOTHERMAL
		CATCH BASIN CONCENTRIC
		CATCH BASIN ECCENTRIC
		DOUBLE CATCH BASIN CONCENTRIC
		DOUBLE CATCH BASIN ECCENTRIC
		GUTTER INLET
		DRAIN MANHOLE CONCENTRIC
		DRAIN MANHOLE ECCENTRIC
TD		TRENCH DRAIN
		PLUG OR CAP
CO	CO	CLEANOUT
		FLARED END SECTION
		HEADWALL
		INLET PROTECTION
		SANITARY MANHOLE
		SEWER MANHOLE CONCENTRIC
S	S	SEWER MANHOLE ECCENTRIC
CS	CS	CURB STOP & BOX
WV	WV	WATER VALVE & BOX
TSV	TSV	TAPPING SLEEVE, VALVE & BOX
		STANDPIPE
HYD	HYD	FIRE HYDRANT
WM	WM	WATER METER
W	W	WATER WELL
		WATER QUALITY UNIT
PIV	PIV	POST INDICATOR VALVE
		VALVE
GS	GS	GAS GATE
GM	GM	GAS METER
E		ELECTRIC MANHOLE
		OIT MANHOLE
EM	EM	ELECTRIC METER
		LIGHT POLE
TMH	TMH	TELEPHONE MANHOLE
T	T	TRANSFORMER PAD
		UTILITY POLE
		GUY POLE
		GUY WIRE & ANCHOR
HH	HH	HAND HOLE
PB	PB	PULL BOX
		LIGHT FIXTURE

MATCHLINE, SEE C-000 MATCHLINE

Abbreviations

General

ABAN	ABANDON
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
BIT	BITUMINOUS
BS	BOTTOM OF SLOPE
BWLL	BROKEN WHITE LANE LINE
CONC	CONCRETE
DYCL	DOUBLE YELLOW CENTER LINE
EL	ELEVATION
ELEV	ELEVATION
EX	EXISTING
FDN	FOUNDATION
FFE	FIRST FLOOR ELEVATION
GRAN	GRANITE
GSH	GRADUATE STUDENT HOUSING
GTD	GRADE TO DRAIN
LA	LANDSCAPE AREA
LOD	LIMIT OF DISTURBANCE
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PERF	PERFORATED
PROP	PROPOSED
REM	REMOVE
RET	RETAIN
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
SWEL	SOLID WHITE EDGE LINE
SWLL	SOLID WHITE LANE LINE
TS	TOP OF SLOPE
TYP	TYPICAL

Utility

CB	CATCH BASIN
CHWS&R	CHILLED WATER SUPPLY & RETURN
CIP	CAST IRON PIPE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
COND	CONDUIT
DCB	DOUBLE CATCH BASIN
DIP	DUCTILE IRON PIPE
DMH	DRAIN MANHOLE
DTS&R	DUAL TEMPERATURE SUPPLY & RETURN
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
FES	FLARED END SECTION
FM	FORCE MAIN
GI	GUTTER INLET
GT	GREASE TRAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HH	HANDHOLE
HW	HEADWALL
HWS&R	HEATED WATER SUPPLY & RETURN
HYD	HYDRANT
I	INVERT ELEVATION
INV	INVERT ELEVATION
LP	LIGHT POLE
MES	METAL END SECTION
PIV	POST INDICATOR VALVE
PVC	POLYVINYLCHLORIDE PIPE
PWW	PAVED WATER WAY
R	RIM ELEVATION
RCP	REINFORCED CONCRETE PIPE
RIM	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOX
UG	UNDERGROUND
UP	UTILITY POLE

Notes

General

1. CONTRACTOR SHALL NOTIFY NEW JERSEY ONE CALL (1-800-272-1000) AT LEAST 72 HOURS BEFORE EXCAVATING.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
3. ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICANS WITH DISABILITIES ACT AND WITH STATE AND LOCAL LAWS AND REGULATIONS (WHICHEVER ARE MORE STRINGENT).
4. AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL BE RESTORED IN ACCORDANCE WITH THE LANDSCAPE PLANS.
5. WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
6. WORK WITHIN THE LOCAL RIGHTS-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN STATE RIGHTS-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND PRINCETON SHALL APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON THE DRAWINGS, IN THE SPECIFICATIONS, AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
8. TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
9. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE IN ACCORDANCE WITH THE DETAILS PROVIDED IN THE PLANS.
10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACTORY, OR OTHER EVIDENCE, THE CONTRACTOR SHALL STOP WORK IN THE VICINITY OF THE SUSPECT MATERIAL TO AVOID FURTHER SPREADING OF THE MATERIAL, AND SHALL NOTIFY THE OWNER IMMEDIATELY SO THAT THE APPROPRIATE TESTING AND SUBSEQUENT ACTION CAN BE TAKEN.
11. CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS. WORK SHALL BE IN CONFORMANCE WITH ALL REQUIRED APPROVALS.
12. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
13. CONTRACTOR SHALL CONTROL STORMWATER RUNOFF DURING CONSTRUCTION TO PREVENT ADVERSE IMPACTS TO OFF SITE AREAS, AND SHALL BE RESPONSIBLE TO REPAIR RESULTING DAMAGES, IF ANY, AT NO COST TO OWNER.
14. THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE NPDES CONSTRUCTION GENERAL PERMIT (CGP) PROGRAM AND MCSCD JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A CGP NOTICE OF INTENT WITH THE MCSCD AND PREPARE A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE NPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE OWNER HAS ALSO FILED A NOTICE OF INTENT WITH THE MCSCD.
15. IN ACCORDANCE WITH WEST WINDSOR TOWNSHIP REQUIREMENTS THERE SHALL NOT BE DEVELOPMENT ON SLOPES THAT EXCEED 20 PERCENT.

Utilities

1. THE LOCATIONS, SIZES, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR ITS REPRESENTATIVE(S) HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES, NOR DOES IT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND, SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.
2. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, OR EXISTING CONDITIONS DIFFER FROM THOSE SHOWN SUCH THAT THE WORK CANNOT BE COMPLETED AS INTENDED, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR THE RESOLUTION OF THE CONFLICT AND CONTRACTOR'S FAILURE TO NOTIFY PRIOR TO PERFORMING ADDITIONAL WORK RELEASES OWNER FROM OBLIGATIONS FOR ADDITIONAL PAYMENTS WHICH OTHERWISE MAY BE WARRANTED TO RESOLVE THE CONFLICT.
3. SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
4. RIM ELEVATIONS FOR DRAIN AND SEWER MANHOLES, WATER VALVE COVERS, GAS GATES, ELECTRIC AND TELEPHONE PULL BOXES, AND MANHOLES, AND OTHER SUCH ITEMS, ARE APPROXIMATE AND SHALL BE SET/RESET AS FOLLOWS:
   A. PAVEMENTS AND CONCRETE SURFACES: FLUSH.
   B. ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH.
   C. LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.
5. THE LOCATION, SIZE, DEPTH, AND SPECIFICATIONS FOR CONSTRUCTION OF PROPOSED PRIVATE UTILITY SERVICES SHALL BE INSTALLED ACCORDING TO THE REQUIREMENTS PROVIDED BY, AND APPROVED BY, THE RESPECTIVE UTILITY COMPANY (GAS, TELEPHONE, ELECTRIC, FIRE ALARM, ETC.). FINAL DESIGN LOADS AND LOCATIONS TO BE COORDINATED WITH OWNER AND ARCHITECT.
6. CONTRACTOR SHALL MAKE ARRANGEMENTS FOR AND SHALL BE RESPONSIBLE FOR PAYING FEES FOR POLE RELOCATION AND FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES, WHETHER WORK IS PERFORMED BY CONTRACTOR OR BY THE UTILITIES COMPANY.
7. UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
   A. WATER PIPES SHALL BE DUCTILE IRON (DI) PIPE.
   B. SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE.
   C. PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
8. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITE WORK RELATED ITEMS SUCH AS PULL BOXES, CONDUITS, DUCT BANKS, LIGHT POLE BASES, AND CONCRETE PADS. SITE CONTRACTOR SHALL FURNISH CONCRETE ENCASEMENT OF DUCT BANKS IF REQUIRED BY THE UTILITY COMPANY AND AS INDICATED ON THE DRAWINGS.
9. ALL SANITARY STRUCTURE INTERIOR DIAMETERS (4' MIN.) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS AND LOCAL MUNICIPAL STANDARDS. FOR MANHOLES THAT ARE 20 FEET IN DEPTH AND GREATER, THE MINIMUM DIAMETER SHALL BE 5 FEET.
10. THE CONTRACTOR SHALL CALL NEW JERSEY ONE CALL AT 1-800-272-1000, NOT LESS THAN 72 HOURS NOR MORE THAN 10 WORKING DAYS PRIOR TO PLANNED WORK TO NOTIFY UTILITY OWNERS OF THE INTENT TO START WORK. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING NON-MEMBER UTILITY OWNERS INDIVIDUALLY. ALL WORK SHALL BE COORDINATED WITH UTILITY OWNERS INCLUDING BUT NOT LIMITED TO, PUBLIC SERVICE ELECTRIC AND GAS CO., VERIZON TELEPHONE CO., NEW JERSEY AMERICAN WATER COMPANY, STONY BROOK REGIONAL SEWER AUTHORITY (SBRSA), AND THE TRUSTEES OF PRINCETON UNIVERSITY (TPU) PRIOR TO THE START OF CONSTRUCTION.
11. FOR CHANGE IN TYPE STRUCTURES, ADJUST FRAME AND GRATE TO FINISHED GRADE. MAINTAIN EXISTING CONNECTIONS AND CORE NEW CONNECTIONS AS SHOWN.
12. STORMWATER FEATURES SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY. SEE CSW PLANS FOR DESIGN.

Layout and Materials

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. CURBING SHALL BE BELGIAN BLOCK UNLESS OTHERWISE INDICATED ON THE PLANS.
3. SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND DETAILS CONTIGUOUS TO THE BUILDING, INCLUDING SIDEWALKS, RAMPS, BUILDING ENTRANCES, STAIRWAYS, UTILITY PENETRATIONS, CONCRETE DOOR PADS, COMPACTOR PAD, LOADING DOCKS, BOLLARDS, ETC.
4. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
5. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL VERIFY EXISTING PAVEMENT ELEVATIONS AT INTERFACE WITH PROPOSED PAVEMENTS, AND EXISTING GROUND ELEVATIONS ADJACENT TO DRAINAGE OUTLETS TO ASSURE PROPER TRANSITIONS BETWEEN EXISTING AND PROPOSED FACILITIES.
6. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURER'S LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
7. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.

Demolition

1. PROJECT PRESENTED HEREIN IS THE ADAPTIVE REUSE OF AN EXISTING SITE. UNLESS OTHERWISE NOTED, TO THE EXTENT REQUIRED TO BUILD THE PROJECT CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
2. EXISTING UTILITIES SHALL BE TERMINATED, UNLESS OTHERWISE NOTED, IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. THE CONTRACTOR SHALL COORDINATE UTILITY SERVICE DISCONNECTS WITH THE UTILITY REPRESENTATIVES.
3. CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH PRINCETON RECYCLING STANDARDS AND APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
4. THE DEMOLITION LIMITS DEPICTED IN THE PLANS IS INTENDED TO AID THE CONTRACTOR DURING THE BIDDING AND CONSTRUCTION PROCESS AND IS NOT INTENDED TO DEPICT EACH AND EVERY ELEMENT OF DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING THE DETAILED SCOPE OF DEMOLITION BEFORE SUBMITTING ITS BID/PROPOSAL TO PERFORM THE WORK AND SHALL MAKE NO CLAIMS AND SEEK NO ADDITIONAL COMPENSATION FOR CHANGED CONDITIONS OR UNFORESEEN OR LATENT SITE CONDITIONS RELATED TO ANY CONDITIONS DISCOVERED DURING EXECUTION OF THE WORK.
5. UNLESS OTHERWISE SPECIFICALLY PROVIDED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER HAS NOT PREPARED DESIGNS FOR AND SHALL HAVE NO RESPONSIBILITY FOR THE PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF HAZARDOUS MATERIALS, TOXIC WASTES OR POLLUTANTS AT THE PROJECT SITE. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY CLAIMS OF LOSS, DAMAGE, EXPENSE, DELAY, INJURY OR DEATH ARISING FROM THE PRESENCE OF HAZARDOUS MATERIAL AND CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE ENGINEER FROM ANY CLAIMS MADE IN CONNECTION THEREWITH. MOREOVER, THE ENGINEER SHALL HAVE NO ADMINISTRATIVE OBLIGATIONS OF ANY TYPE WITH REGARD TO ANY CONTRACTOR AMENDMENT INVOLVING THE ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

Erosion Control

1. THE SOIL EROSION AND SEDIMENT CONTROL MEASURES TO BE PROVIDED IN FUTURE SUBMISSIONS ARE OUTLINED BELOW AND WILL BE DESIGNED TO MINIMIZE THE ENVIRONMENTAL IMPACT OF CONSTRUCTION ACTIVITIES AT THE PROJECT SITE. BY IMPLEMENTING THESE MEASURES, WE AIM TO PROTECT THE SURROUNDING ENVIRONMENT AND ENSURE COMPLIANCE WITH ALL RELEVANT REGULATIONS AND GUIDELINES.
2. EROSION AND SEDIMENT CONTROL MEASURES:
   2.1. EROSION CONTROL BLANKETS: EROSION CONTROL BLANKETS WILL BE INSTALLED ON SLOPES EXCEEDING 3:1 TO MINIMIZE SOIL EROSION. THE BLANKETS WILL BE ANCHORED SECURELY TO PREVENT DISPLACEMENT.
   2.2. SILT FENCES: SILT FENCES WILL BE INSTALLED ALONG THE PERIMETER OF THE SITE TO TRAP SEDIMENT-LADEN RUNOFF. THE FENCES WILL BE INSPECTED REGULARLY AND REPAIRED OR REPLACED AS NEEDED.
   2.3. CHECK DAMS: CHECK DAMS WILL BE CONSTRUCTED AT SUITABLE INTERVALS ALONG DRAINAGE CHANNELS TO REDUCE THE VELOCITY OF RUNOFF AND PROMOTE SEDIMENT DEPOSITION.
   2.4. VEGETATIVE COVER: WHERE FEASIBLE, DISTURBED AREAS WILL BE QUICKLY STABILIZED WITH VEGETATION TO PREVENT SOIL EROSION. GRASS SEED OR NATIVE PLANT SPECIES WILL BE USED FOR THIS PURPOSE.
   2.5. CONSTRUCTION ENTRANCE: A STABILIZED CONSTRUCTION ENTRANCE WILL BE ESTABLISHED TO MINIMIZE TRACKING OF SEDIMENT ONTO ADJACENT ROADS.
   2.6. STORMWATER MANAGEMENT: TEMPORARY STORMWATER MANAGEMENT MEASURES, SUCH AS SEDIMENT TRAPS OR BASINS, WILL BE INSTALLED TO DETAIN RUNOFF AND ALLOW SEDIMENT TO SETTLE BEFORE DISCHARGE.

Existing Conditions Information

1. THE HORIZONTAL DATUM IS RELATIVE TO NORTH AMERICAN DATUM 1983 (NAD 1983) AND THE VERTICAL DATUM IS RELATIVE TO NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 1988).
2. ROCK CONTOUR MAP AS PROVIDED BY CARLIN-SIMPSON ASSOCIATES ON AUGUST 21, 2020.
3. AERIAL PHOTOGRAPHY PER NEARMAP DATED OCTOBER 5, 2025.
4. EXISTING CONDITIONS, TOPOGRAPHIC INFORMATION, AND ADDITIONAL AS-BUILT ELEMENTS, INCLUDINGS AREAS OUTSIDE THE LIMITS OF LAKE CAMPUS DEVELOPMENT CURRENTLY UNDER CONSTRUCTION HAS BEEN COLLECTED FROM THE FOLLOWING VARIOUS SOURCES:
   4.1. EXISTING CONDITIONS SHOWN HEREON, IS TAKEN FROM DRAWINGS PREPARED BY VNHA IN PLAN "EXISTING CONDITIONS SURVEY OF THE LAKE CAMPUS" DATED NOVEMBER 21, 2019.
   4.2. AS-BUILT OIT UTILITY INFORMATION SHOWN HEREON IS TAKEN FROM AS-BUILT DRAWINGS PREPARED BY SAM COMPANIES, DATED OCTOBER 10, 2024.
   4.3. EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS TAKEN FROM AS-BUILT DRAWINGS PROVIDED BY VOLLERS, DATED MAY 2, 2025.
   4.4. AS-BUILT STORMWATER UTILITY INFORMATION SHOWN HEREON IS TAKEN FROM AS-BUILT DRAWINGS PROVIDED BY VOLLERS, DATED FEBRUARY 7, 2025.
   4.5. AS-BUILT UTILITY INFORMATION SHOWN HEREON IS TAKEN FROM AS-BUILT DRAWINGS PREPARED BY VOLLERS, DATED MARCH 17, 2025.
   4.6. EXISTING GEO-EXCHANGE WELLS, VAULTS AND DISTRIBUTION PIPING SHOWN PER AS-BUILT SURVEYS PREPARED BY P. AGNES, DATED MARCH 24, 2025. GEO-EXCHANGE UTILITIES ARE SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY.
   4.7. EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS TAKEN FROM AS-BUILT DRAWINGS PROVIDED BY VOLLERS, DATED MAY 2, 2025.
5. THE LAKE CAMPUS DEVELOPMENT AREA CURRENTLY UNDER CONSTRUCTION SHOWN IS BASED ON THE PRINCETON UNIVERSITY LAKE CAMPUS SITE DEVELOPMENT FINAL CONSTRUCTION DOCUMENTS AND PROPOSED GEO-EXCHANGE CONSTRUCTION PROJECT.
6. THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VNH, TITLED "OUTBOUND PROPERTY SURVEY OF BLOCK 3, LOT 1.0113 PREPARED FOR THE TRUSTEES OF PRINCETON UNIVERSITY" AND "OUTBOUND PROPERTY SURVEY OF BLOCK 3, LOT 1.0112 PREPARED FOR THE TRUSTEES OF PRINCETON UNIVERSITY." THE OUTBOUND PROPERTY SURVEY IS BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY VNH ON MARCH 4, 2024.

Document Use

1. THESE PLANS AND CORRESPONDING CADD DOCUMENTS ARE INSTRUMENTS OF PROFESSIONAL SERVICE, AND SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN FOR WHICH IT WAS CREATED WITHOUT THE EXPRESSED, WRITTEN CONSENT OF VHB. ANY UNAUTHORIZED USE, REUSE, MODIFICATION OR ALTERATION, INCLUDING AUTOMATED CONVERSION OF THIS DOCUMENT SHALL BE AT THE USER'S SOLE RISK WITHOUT LIABILITY OR LEGAL EXPOSURE TO VHB.
2. CONTRACTOR SHALL NOT RELY SOLELY ON ELECTRONIC VERSIONS OF PLANS, SPECIFICATIONS, AND DATA FILES THAT ARE OBTAINED FROM THE DESIGNERS, BUT SHALL VERIFY LOCATION OF PROJECT FEATURES IN ACCORDANCE WITH THE PAPER COPIES OF THE PLANS AND SPECIFICATIONS THAT ARE SUPPLIED AS PART OF THE CONTRACT DOCUMENTS.
3. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SCALED TO THEIR ACTUAL DIMENSIONS OR LOCATIONS ON THE DRAWINGS. THE CONTRACTOR SHALL REFER TO THE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

PENDULUM

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Baseball Ballpark
West Windsor, NJ 08540

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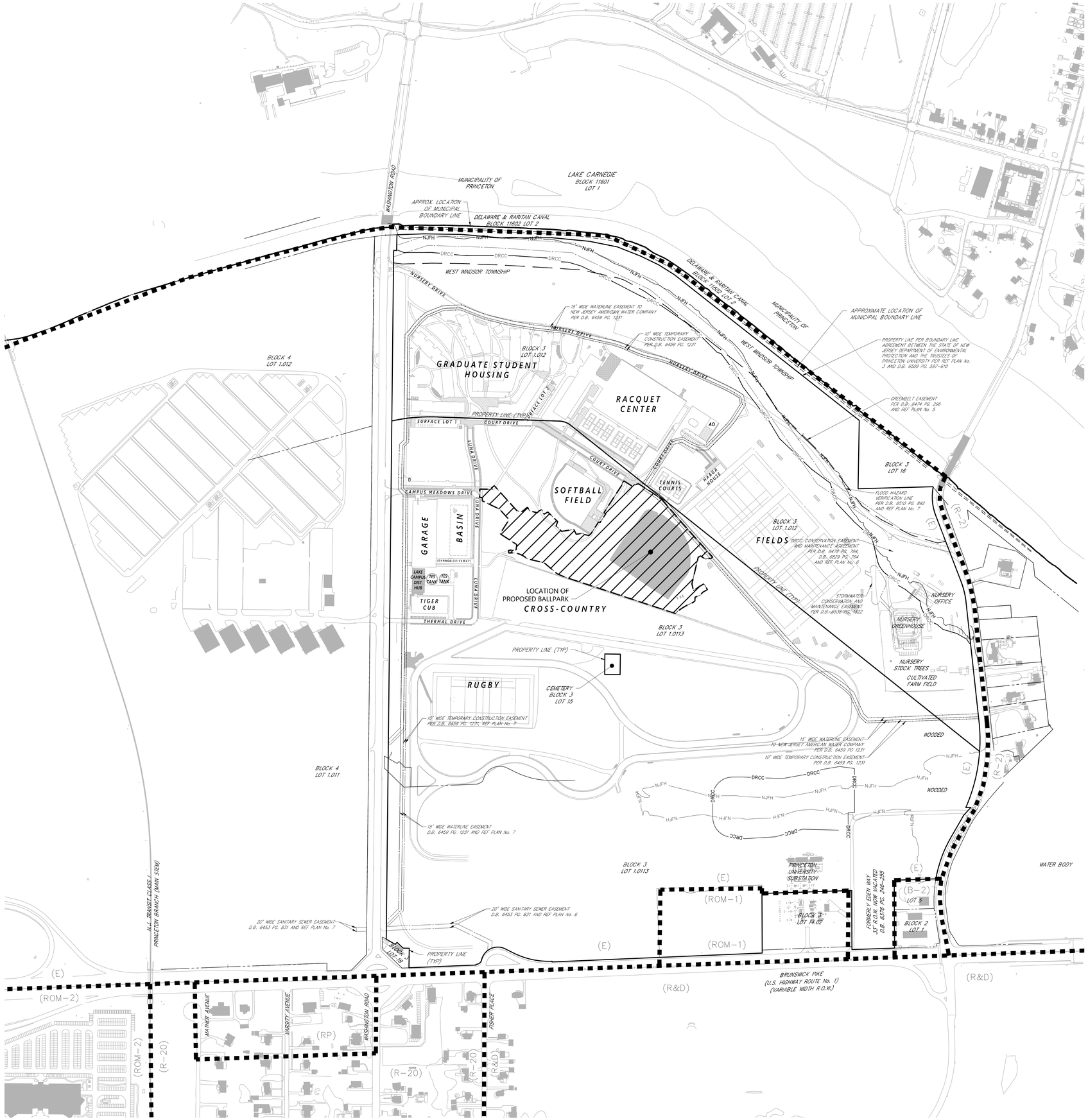
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Vladimir Wojno-Ordasek
Professional Engineer
License Number: 24GE04287700
NJ Certificate of Authorization #: 24GA27957200
Vanasse Hangen Brustlin (VHB)
One Penn Plaza, Suite 715, New York, NY 10119

WEST WINDSOR TOWNSHIP MAJOR SITE PLAN APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

7	02-19-2026	Revisions after TRC
6	12-10-2025	Reduced Building Size
5	03-12-2025	Revised per WWT Technical Compliance Review
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3	11-22-2024	Issued to DRCC and MCPB
2	10-09-2024	Revised per Technical Review Committee Meeting
1	07-08-2024	WWT Preliminary Final Major Site Plan Application
I/R	DATE	DESCRIPTION



LEGEND

- DENOTES LIMIT OF PROPOSED WORK BALLPARK
- DENOTES MUNICIPAL BOUNDARY
- DENOTES EASEMENT BOUNDARY
- DENOTES FRESHWATER WETLANDS TRANSITION AREA BOUNDARY
- DENOTES FRESHWATER WETLANDS BOUNDARY
- DENOTES DRCC STREAM CORRIDOR
- DENOTES NJ FLOOD HAZARD AREA DESIGN FLOOD
- DENOTES 100-YEAR FLOODPLAIN
- DENOTES ZONING DISTRICT
- DENOTES STREET NAME / LOT # / AREA DESCRIPTION / BUILDING LABEL

TOWNSHIP OF WEST WINDSOR ZONING KEY

E	EDUCATIONAL DISTRICT
ROM-1	RESEARCH / OFFICE / LIMITED MANUFACTURING
R-2	LOW DENSITY RESIDENTIAL

NOTES

WEST WINDSOR TOWNSHIP TAX MAP DATA

LOT 1.0113
BLOCK 3
TAP MAP SHEET No. 1.01, 1.02, 1.03, 1.04

INFORMATION SOURCES:

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PROPERTY OWNERSHIP INFORMATION PROVIDED BY:

STATE OF NEW JERSEY DEPARTMENT OF TREASURY
DIVISION OF TAXATION
NEW JERSEY PROPERTY TAX LIST SEARCH

ZONING KEY PROVIDED BY:

ZONING MAP OF WEST WINDSOR TOWNSHIP
DATED NOVEMBER 23, 2009

PARTIAL LIST OF CERTIFIED PROPERTY OWNERS WITHIN 200 FEET OF SURVEY PROJECT LIMIT

BLOCK	LOT	PROPERTY OWNER
3	16	DEPARTMENT OF ENVIRONMENTAL PROTECTION
3	14.02	PUBLIC S E & GAS CO - TAX DEPT T-6B
3	18	3717 ROUTE 1, LLC C/O ROSS & ROSS

0 100 200 400 Feet
SCALE: 1" = 200'

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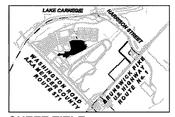
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
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KEY PLAN



SHEET TITLE

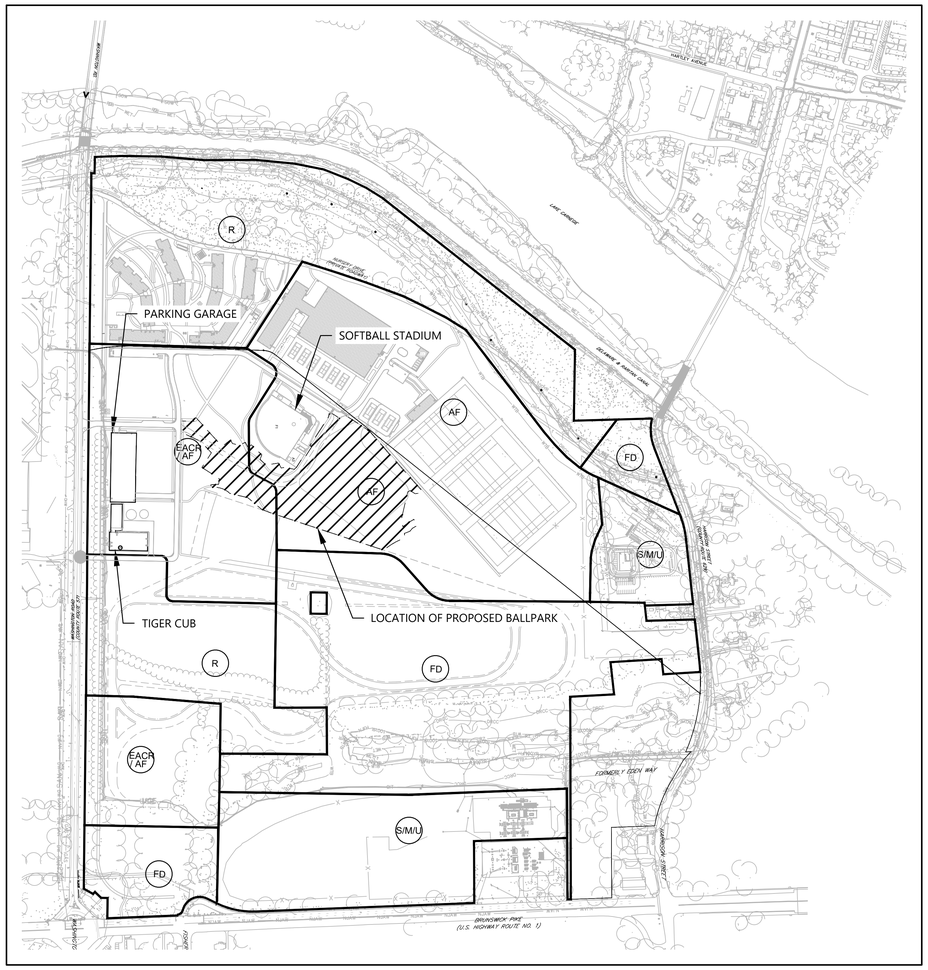
VICINITY MAP

SHEET NUMBER

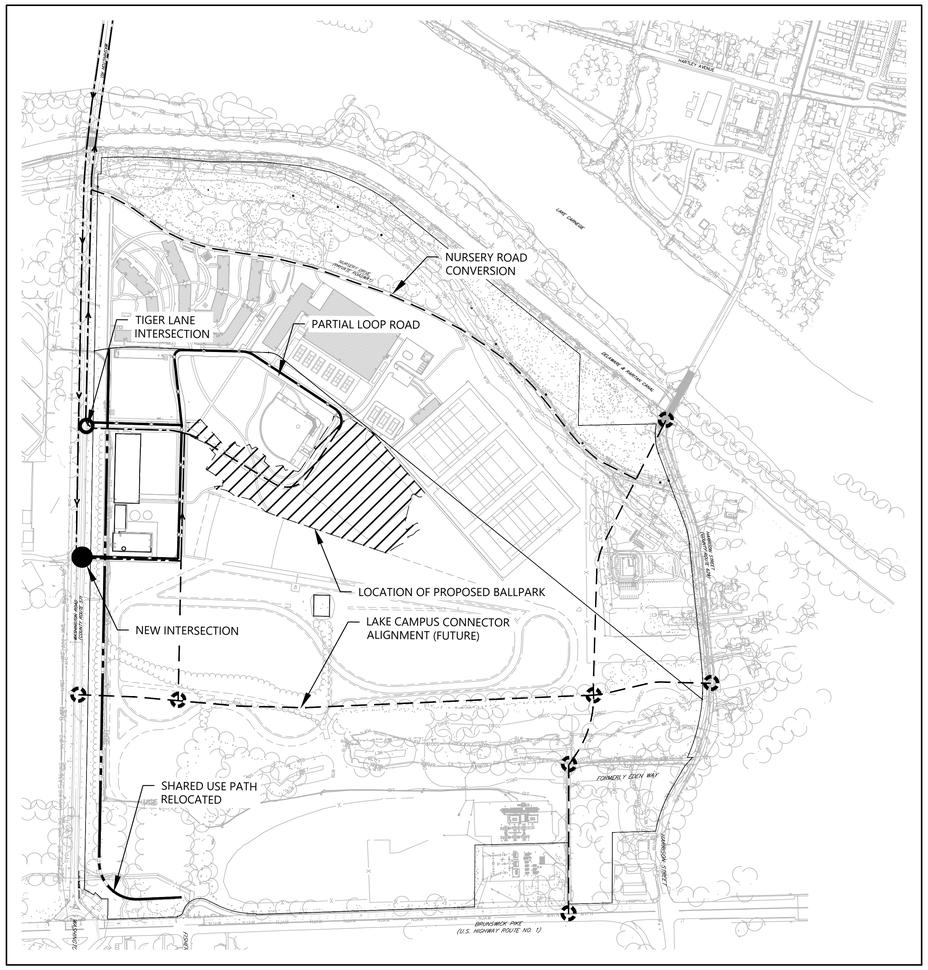
C-200

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ARCH E1 30" x 42"
Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\proj\NewYorkCity\123301.00 Princeton Baseball\cad\dgn\Planset\04-Construction Documents\123301.00-VICINITY.dwg



BASEBALL BALLPARK IN RELATION TO GENERAL DEVELOPMENT LAND USE PLAN



BASEBALL BALLPARK IN RELATION TO GENERAL DEVELOPMENT CIRCULATION PLAN

	General Development Plan Approved Campus Land Uses [2]				Parking		Bicycle Parking		Record of Township Approval	
	Residential	*Education, Admin, Collaboration, Research / Athletics Facilities*	*Athletics Facilities*	*Support / Maintenance / Utilities*						
Projects by Site Plan Submission	**No. of Units**	**Floor Area (SF)**	**Floor Area (SF)**	**Floor Area (SF)**	**Cumul. Spaces Required [3]**	**No. Spaces Provided**	**Cumul. Spaces Required [4]**	**No. Spaces Provided**	**Resolution Number**	**Date**
Total Approved with GDP [5]	**500**	**734,000**	**226,000**	**25,000**		**2,651**			PB18-09	4/29/2020
Total Approved with Amended GDP [1]	**500**	**734,000**	**226,000**	**25,000**		**2,651**			PB18-09 Amended	
Lake Campus South Submission	0	0	11,150	16,932	68	1,001	4	26	PB20-12	6/9/2021
Softball Stadium	-	-	11,150	-	68	-	4	10		
TIGER CUB	-	-	-	16,932	-		-			
Parking Garage - Initial	-	-	-	-	-	655 [6]	-	16		
Parking Garage - Banked	-	-	-	-	-	325	-	-		
Surface Parking Lot 1	-	-	-	-	-	21	-	-		
Lake Campus North Submission	379	1,373	180,262	0	908	31	47	489	PB20-13	6/9/2021
GSH Building A	124	1,373	-	-	714	-	36	399		
GSH Building B	158	-	-	-		-		-		
GSH Building C	97	-	-	-		-		-		
Racquet Center - Multi-Story	-	-	154,532	-	126	-	7	80		
Racquet Center - Single-Story	-	-	25,730	-		-		-		
Rugby Fields	-	-	-	-	-	-	-	10		
Surface Parking Lot 2	-	-	-	-	-	14	-	-		
Surface Parking Lot 3	-	-	-	-	-	17	0	-		
Haaga House Submission	0	0	3,527	0	908	0	47	0	ZP22-309	8/4/2022
Haaga House	-	-	3,527	-			-			
Athletics Operations Submission	0	0	0	2,208	908	0	47	0	ZP22-347	11/2/2022
Athletics Operation Building	-	-	-	2,208	-	-	-	-		
Nursery Site Submission	0	0	0	4,183	926	36	48	2	PB22-08	4/12/2023
Campus Operation Building	-	-	-	5,733	18	-	1	2		
Existing Nursery Buildings	-	-	-	(1,550)	-	-	-	-		
Surface Parking Lot 4	-	-	-	-	-	36 [7]	-	-		
Softball Storage Building Submission	0	0	300	0	926	0	48	0	ZP24-114 PB20-12	
Softball Storage Building	-	-	300	-	-	-	-	-		
Baseball Ballpark Submission	0	0	3,035	0	994	0	50	20		
Baseball Ballpark	-	-	3,035	-	68	-	4	20		
Lake Campus Total	**379**	**1,373**	**198,274**	**23,323**	**994**	**1,068**	**50**	**537**		
Balance Remaining within GDP	**121**	**732,627**	**27,726**	**1,677**		**1,583**				

Notes:
(1) Reference GDP Sheet No. 2, Exhibit A for total floor area by land use type
(2) Per approved GDP, support facilities, parking, and campus amenities may be located in any land use area
(3) Requirement based on shared parking analysis for all proposed campus uses as documented in "Parking Requirements for West Windsor Zoning" table on Drawing C-301
(4) One bicycle parking space required for every 20 vehicular parking spaces required
(5) The University has constructed 612 parking spaces in the garage including 43 EV parking spaces. Therefore, the University has provided 655 parking spaces in the garage to date.
(6) The Campus Operations project includes 35 parking spaces including 1 EV space; therefore, the project provides a total of 36 parking spaces.

GENERAL DEVELOPMENT PLAN TRACKING CHART

NOTES

INFORMATION SOURCES

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4. FOR BENCHES, BICYCLE RACKS, AND OTHER LANDSCAPE APPURTENANCES, PLEASE REFER TO THE LANDSCAPING PLANS AND DETAILS.

LEGEND

- AF — ATHLETICS FACILITIES (AF)
- EACR / AF — EDUCATION, ADMIN, COLLABORATION, RESEARCH / ATHLETICS FACILITIES (EACR/AF)
- R — RESIDENTIAL (R)
- S/M/U — SUPPORT, MAINTENANCE, UTILITIES (S/M/U)
- FD — FUTURE DEVELOPMENT (FD)
- PROPOSED SITE CIRCULATION ROADWAY
- ROW RESERVED FOR FUTURE
- PRIMARY BICYCLE PATH
- PROPOSED BUS ROUTE
- EXISTING INTERSECTION
- PROPOSED INTERSECTION
- FUTURE INTERSECTION

0 150 300 600 Feet
SCALE: 1" = 300'

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WEST WINDSOR TOWNSHIP MAJOR SITE PLAN APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
7	02-19-2026	Revisions after TRC
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KEY PLAN



SHEET TITLE

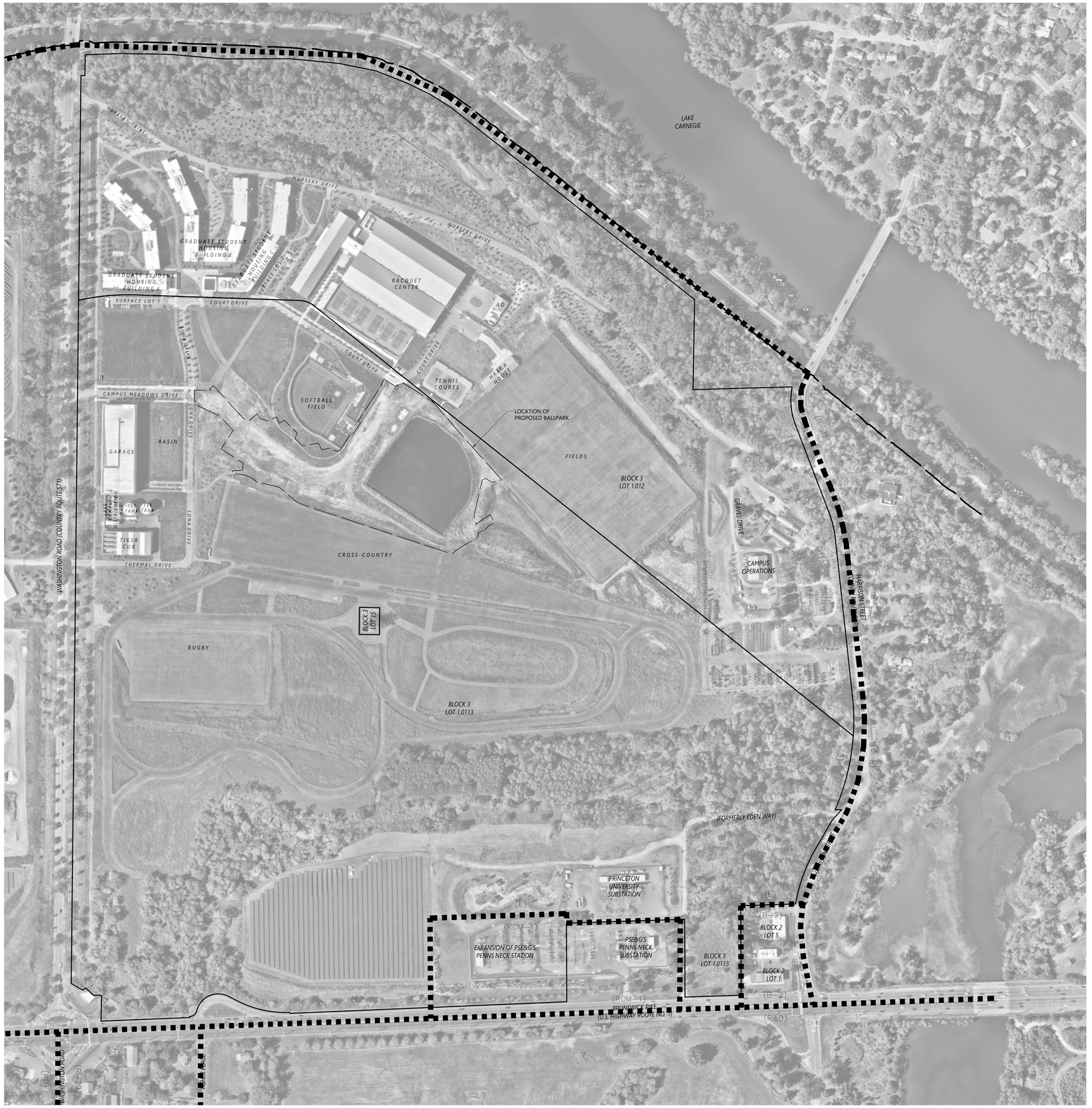
LAKE CAMPUS GENERAL DEVELOPMENT PLAN PROGRESS

SHEET NUMBER

C-201

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ARCH E1 30" x 42"
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Filename: \\vhb.com\gbl\gov\NewYork\City\23301.00 Princeton Baseball\cad\d\Planset\04-Construction Documents\23301.00_GDP_Comparison.dwg



NOTES

INFORMATION SOURCES

1. AERIAL PHOTOGRAPHY PER NEARMAP DATED OCTOBER 5, 2025.
2. EXISTING CONDITIONS INFORMATION, OUTSIDE THE LIMITS OF LAKE CAMPUS DEVELOPMENT CURRENTLY UNDER CONSTRUCTION, AS PREPARED BY VNHA IN PLAN "EXISTING CONDITIONS SURVEY OF THE LAKE CAMPUS" DATED NOVEMBER 21, 2019.
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LEGEND

- LIMIT OF PROJECT SCOPE
- PROPERTY LINE
- PROPOSED GREENBELT
- FRESHWATER WETLANDS TRANSITION AREA BOUNDARY
- FRESHWATER WETLANDS BOUNDARY
- DRCC STREAM CORRIDOR
- NJ FLOOD HAZARD AREA DESIGN FLOOD
- 100-YEAR FLOODPLAIN
- DENOTES ZONING DISTRICT
- DENOTES STREET NAME

TOWNSHIP OF WEST WINDSOR ZONING KEY

E	EDUCATIONAL DISTRICT
ROM-1	RESEARCH / OFFICE / LIMITED MANUFACTURING
R-2	LOW DENSITY RESIDENTIAL

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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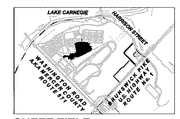
WEST WINDSOR TOWNSHIP MAJOR SITE PLAN APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

EXISTING AERIAL

SHEET NUMBER

C-202

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LEGEND

- LIMIT OF PROJECT SCOPE
- PROPERTY LINE
- PROPOSED GREENBELT
- SOIL TYPE BOUNDARY
- FRESHWATER WETLANDS TRANSITION AREA BOUNDARY
- FRESHWATER WETLANDS BOUNDARY
- DRCC STREAM CORRIDOR
- NJ FLOOD HAZARD AREA DESIGN FLOOD
- 100-YEAR FLOODPLAIN

Soils Legend

Map Unit Symbol	Map Unit Name	Hydrologic Soil Group
BHSGB	Birdsboro gravelly solum variant soils, 0 to 6 percent slopes	A
BoyAt	Bowmansville silt loam, 0 to 2 percent slopes, frequently flooded	B / D
GafB	Galestown sandy loam, 0 to 5 percent slopes	A
GASB	Galloway variant soils, 0 to 5 percent slopes	A
LbhB	Lansdale sandy loam, 2 to 6 percent slopes	B
LbnC2	Lansdale channery loam, 6 to 12 percent slopes, eroded	B
LbnD2	Lansdale channery loam, 12 to 18 percent slopes, eroded	B
MbaAt	Marsh, fresh water, 0 to 2 percent slopes, frequently flooded	B
MbpA	Matapeake loam, 0 to 2 percent slopes	B
MbpB	Matapeake loam, 2 to 5 percent slopes	B
MbpC2	Matapeake loam, 5 to 10 percent slopes, eroded	B
PHG	Pits, sand and gravel	D
REFA	Readington and Abbottstown silt loams, 0 to 2 percent slopes	C
UdbB	Udorthents, bedrock substratum, 0 to 8 percent slopes	D
UdgB	Udorthents, gravelly substratum, 0 to 8 percent slopes	D

DEPTH TO SEASONALLY HIGH WATER TABLE

1 = 6 FT OR MORE
2 = 4 FT TO 6 FT
3 = 1 FT TO 4 FT
4 = LESS THAN 1 FT

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Baseball Ballpark

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WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

EXISTING SOILS MAP

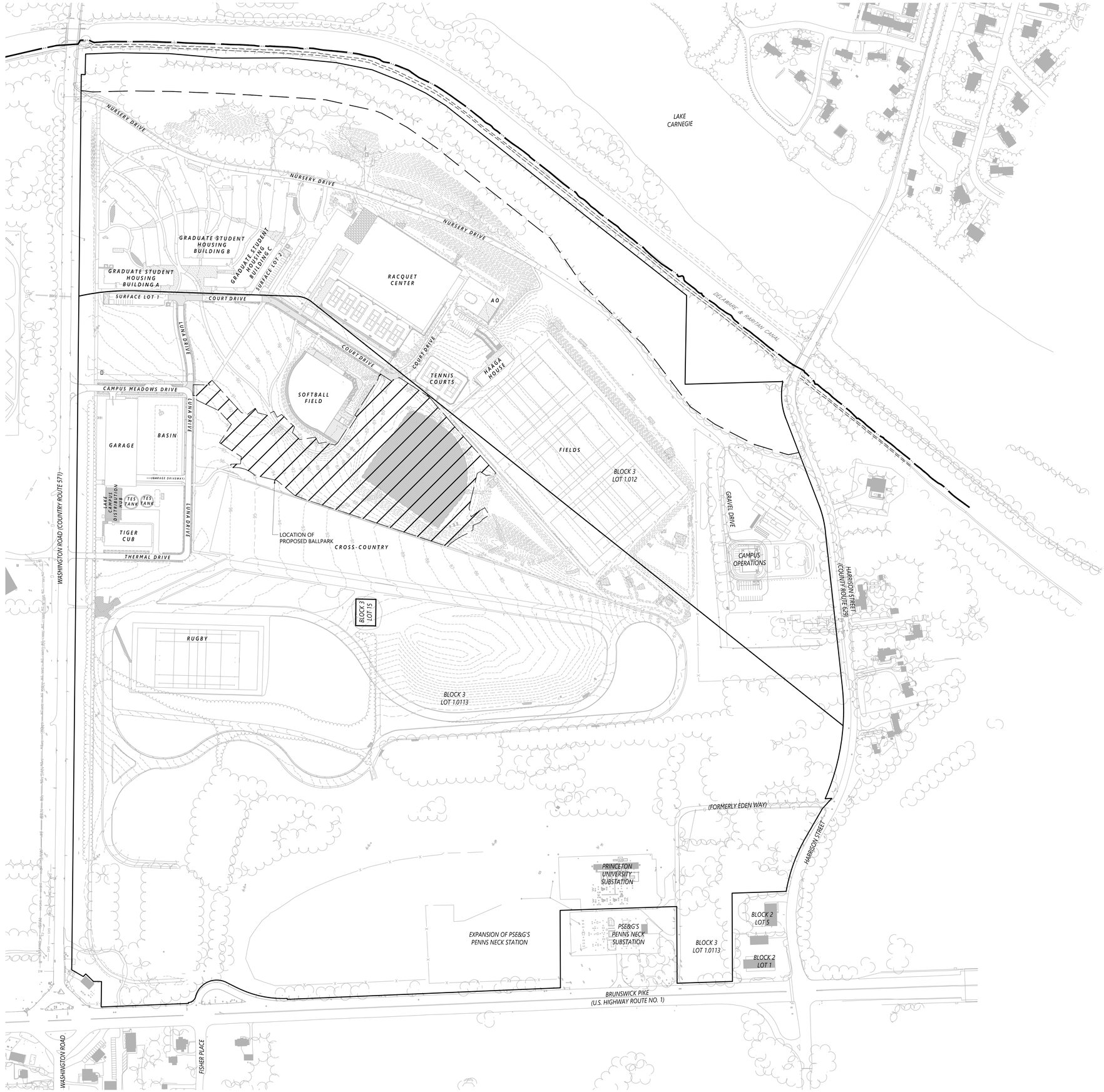
SHEET NUMBER

C-203

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ARCH E1 30" x 42"



0 75 150 300 Feet

SCALE: 1" = 150'

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- PROPOSED GREENBELT
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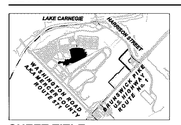
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MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

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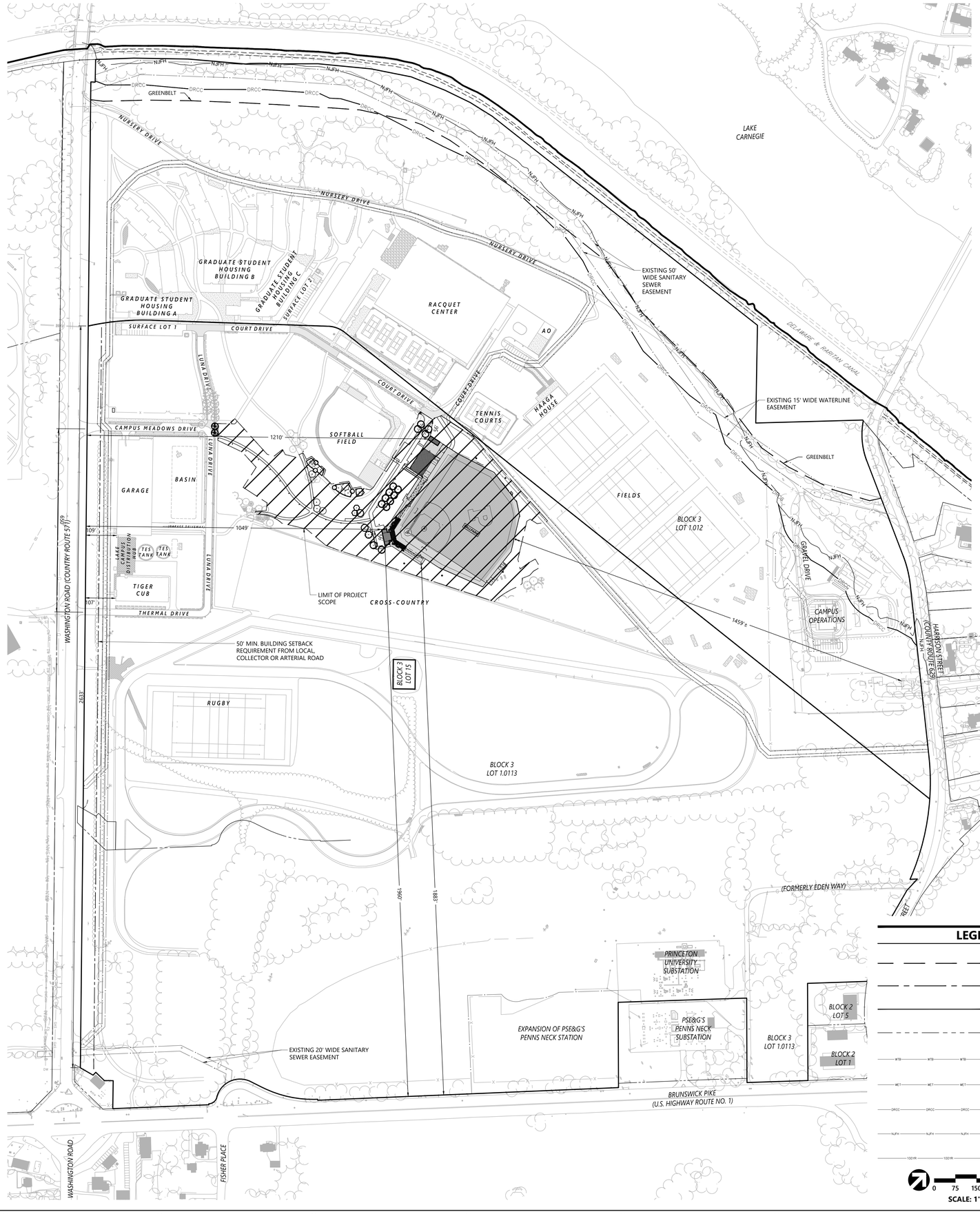
EXISTING CONDITIONS

SHEET NUMBER

C-300

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LEGEND

- LIMIT OF PROJECT SCOPE
- BUILDING SETBACK REQUIREMENT FROM ROAD
- PROPERTY LINE
- PROPOSED GREENBELT
- FRESHWATER WETLANDS TRANSITION AREA BOUNDARY
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0 75 150 300 Feet

SCALE: 1" = 150'

WEST WINDSOR ZONING REQUIREMENTS - BALLPARK

Planned Educational Development		Lake Campus Lot 1.0113 (16) Required		Existing		Proposed in Application		Cumulative Development (1)		Lake Campus General Development Plan (15)	
Tract Requirements											
	Minimum Planned Tract Area (sq. ft.)	4,356,000		6,020,764	(2)	6,020,764	(2)	6,020,764		9,102,862	(3)
	Minimum Planned Tract Area (acres)	100.0		138.218	(2)	138.218	(2)	138.218		208.97	(3)
	Non-residential Tract Area (acres)	N/A		55.03	(17)	8.76		55.03	(17)	158.97	
	Minimum Tract Frontage (ft.)	400		2,637	(4)	2,637	(4)	2,637		3,500	(5)
Maximum FAR, Coverage, and Open Space											
	Total Single-story GSF (sq. ft.)	N/A		28,082		3,035		31,117		N/A	
	Single-story Building Max. FAR	0.25		0.005		0.0095		0.005		N/A	
	Total Multi-story GSF (sq. ft.)	N/A		0.00		0		0		N/A	
	Multi-story Building Max. FAR	0.35		0.00		0		0		N/A	
	Total GSF (sq. ft.)	N/A		28,082		3,035		31,117		985,000	
	Weighted Max. FAR	0.35	(6)	0.005		0.0079		0.005		0.15	
	Max. Improvement Coverage	50.0%		7.9%		48.7%		10.9%		18.3%	
	Open Space	20.0%		89.8%		51.3%		89.1%		57.8%	
Building Heights											
	Max. Height (ft.)	70.0		49.1		15.0		49.1		70.0	
	Max. Number of Stories	6		5		1		5		6	
	Max. Lighting Height (ft.)	70.0		70.0		100.0		100.0		100.0	(7)
Building Setback Requirements from Roads											
	Min. Setback to Local Internal Access Road (ft.)	25		25		56		25		25	
	Min. Setback to Local, Collector or Arterial Road (ft.)	50		103	(8)	1,049	(9)	103		95	
	Min. Setback to Arterial Road ROW for 4-story Building	300		2,047		1,883	(10)	1,883		340	
Lighting Offset											
	Offset of Baseball & Softball Lighting Stanchions from Closest House	1,000'		± 2,010'		± 1,459'		± 1,459'		± 1,459'	
Maximum Residential Density											
	Dwelling Units for Residential Site (DU)	N/A		0		N/A		0		500	
	Max. Density for Residential (DU/acre)	10.0		0.0		N/A		0		10.0	
Lake Campus Parking											
	Parking (no. spaces) (11)	68	(14)	1,068	(12)	0		1,068	(12)	2,651	
	Bicycle Parking	4	(13)	517		20		537		133	(13)

Notes:

(1) Cumulative development on Lot 1.0113.
(2) Area of Lot 1.0113 (Per April 18, 2024 Lake Campus General Development Update)
(3) Lake Campus GDP Area (Per April 18, 2024 Lake Campus General Development Update)
(4) Approximate frontage along Washington Road for Lot 1.0113
(5) Approximate frontage along Washington Road for entire site
(6) Allowable FAR is based on the mix of proposed one-story and multi-story buildings
(7) A variance was approved for specific lighting poles at the Baseball Ballpark of 80' (4) and 100' (4) as part of GDP-PB18-09.
(8) Setback distance of Tiger Cub to Washington Road
(9) Setback distance of Baseball Ballpark to Washington Road
(10) Setback distance of Baseball Ballpark to Route 1
(11) See Parking Requirement table for details
(12) The total parking inventory in Meadows Neighborhood will be 1068 spaces (612 spaces in Phase 1 Garage, plus 43 spaces for EV credit, plus 325 land-banked spaces in Phase 2B spaces in Short-Term Parking Lots, plus 14 spaces assigned for Athletics, plus 35 spaces in Campus Operations Lot (COL), plus 1 space for EV credit in COL.
(13) Pursuant to §200-27B(2), one bicycle parking space for every 20 vehicular parking spaces or fraction there is required.
(14) Baseball Ballpark Only.
(15) This column represents the approved General Development Plan. See Sheet C-201 for Development Plan Tracking Chart.
(16) Zoning Table based on Tract 1.013 area only and does not reflect future development projects on the tract as part of the GDP.
(17) Excludes Future Development (FD) Areas

Parking Requirements for West Windsor Zoning - Baseball Ballpark

	Number of Seats	Parking Ratio	Spaces per	Parking Required Prior to Ordinance Credits (Spaces)	Ordinance Reduction for Use by PU Students (Note 1)	Spaces required after reduction for PU students
Varsity Baseball seats	300	0.25	space/seat	75	10%	68

Notes:
1. As per West Windsor code 200-28D.3(a), Princeton University students are excluded from this calculation since they park in designated institutional parking areas.

Ballpark - Building Frontage Accessible by Firetruck			
Building	Accessible Building Frontage	Non-Accessible Building Frontage	Percent Accessible
Ballpark	56 LF	0 LF	100.0%

Building Information	
Building	**Ballpark**
Proposed use	Athletics Facility
Single-Story GSF	3,035 SF
Multi-Story GSF	0 SF
Total GSF	**3,035 SF**
Critical Height (ft)	15.0
Max. stories	1

Design Waivers Previously Approved

Site Plan Section	Item	Required	Proposed
200-27.D(2)	Loading	2 areas for Softball as place of public assembly	No Dedicated Loading. Previously approved, see Note 1.
200-29.I(1)(d)	Driveway Location	10' min offset from property line	Previously approved, see Notes 1 & 2.
200-29.I.(3)	Road width (2-way)	24'	22'-3/8" Previously approved, see Note 1.
200-29.N(3)	Bicycle parking	Access combined with vehicle access, min. 30' 2-way width	22' shared width or separate access
200-31.K(1)	Lighting Intensity at Parking Lots	Average 0.5 footcandles throughout	22'-3/8" Previously approved, see Notes 1 & 2.
200-31.K(2)	Lighting Intensity at Intersections	3.0 footcandles	Previously approved, see Notes 1 & 2.
200-36.1	Pervious Paving	Pervious surface for all paved areas except drives and parking	Porous pavers used for Pedestrian Walkway with Fire Access.
200-57H(1)	Street Name Signage	Reflectorized White on Green	Previously approved, see Notes 1 & 2.
200-91.P(4)(a)[2]	Tree and Shrub Planting in Stormwater Detention Area	Location and number per LF as identified in subsections [b] and [d]	Previously approved, see Notes 1 & 2.

NOTES

1. REFER TO THE FOLLOWING RESOLUTION NUMBERS FOR PREVIOUSLY GRANTED DESIGN WAIVERS:
   - LAKE CAMPUS SOUTH RESOLUTION #: **PB20-12**
2. NOT APPLICABLE TO THIS PROJECT.

NOTES:

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3. THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY VNH, TITLED "OUTBOUND PROPERTY SURVEY OF BLOCK 3, LOT 1.0113 PREPARED FOR THE TRUSTEES OF PRINCETON UNIVERSITY" AND "OUTBOUND PROPERTY SURVEY OF BLOCK 3, LOT 1.0112 PREPARED FOR THE TRUSTEES OF PRINCETON UNIVERSITY." THE PROPERTY LINES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY VNH ON MARCH 4, 2024.

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Baseball Ballpark

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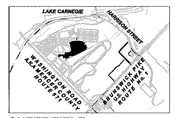
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
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KEY PLAN



SHEET TITLE

APPLICATION KEY PLAN & ZONING REQUIREMENTS

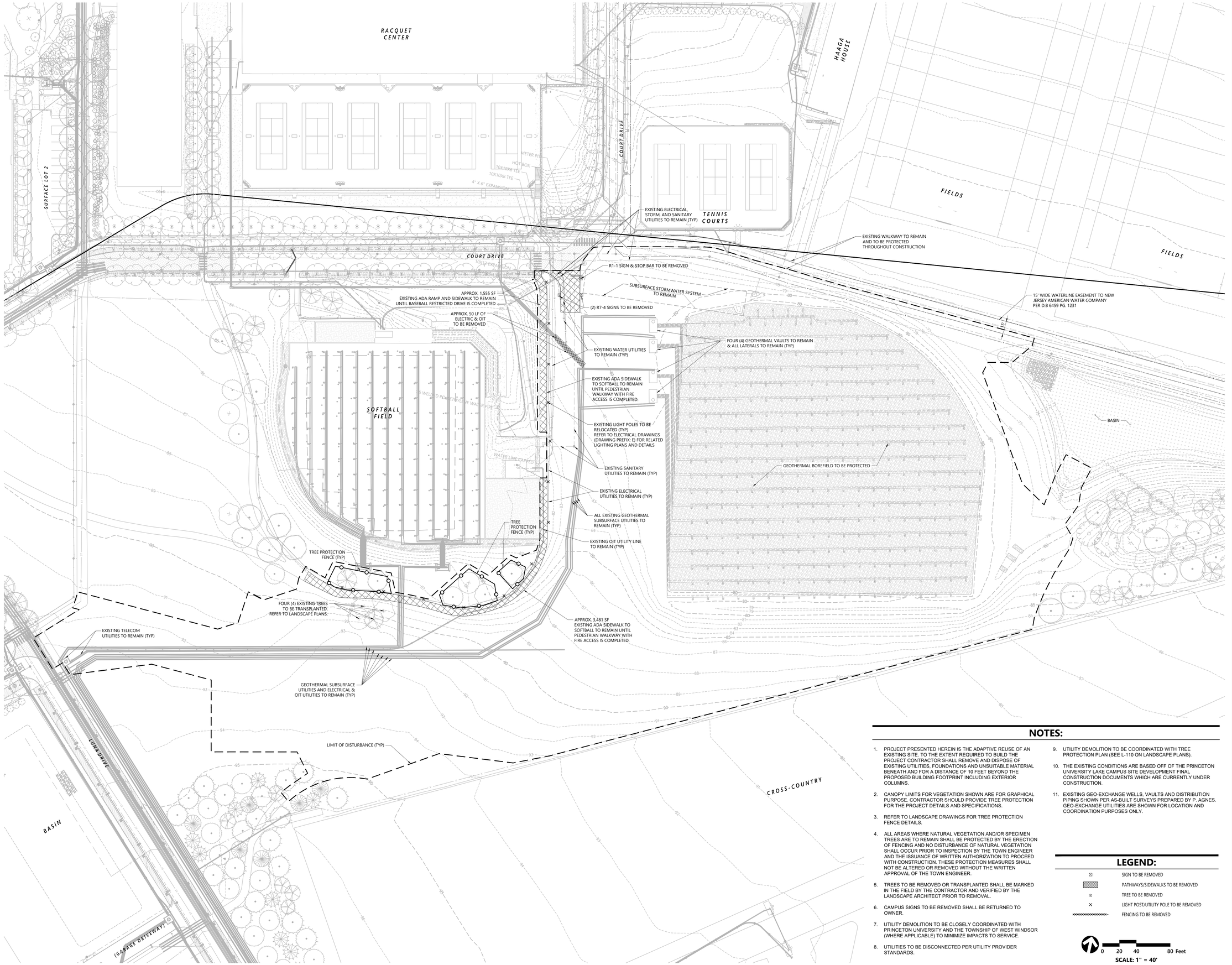
SHEET NUMBER

C-301

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ARCH E1 30" x 42"
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Filename: \\vhb.com\gbl\gov\NewYorkCity\23301.00 Princeton Baseball\cad\d\Planset\04-Construction Documents\23301.00-EX.dwg

ARCH E1 30" x 42"



NOTES:

1. PROJECT PRESENTED HEREIN IS THE ADAPTIVE REUSE OF AN EXISTING SITE. TO THE EXTENT REQUIRED TO BUILD THE PROJECT CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING UTILITIES, FOUNDATIONS AND UNSUITABLE MATERIAL BENEATH AND FOR A DISTANCE OF 10 FEET BEYOND THE PROPOSED BUILDING FOOTPRINT INCLUDING EXTERIOR COLUMNS.
2. CANOPY LIMITS FOR VEGETATION SHOWN ARE FOR GRAPHICAL PURPOSE. CONTRACTOR SHOULD PROVIDE TREE PROTECTION FOR THE PROJECT DETAILS AND SPECIFICATIONS.
3. REFER TO LANDSCAPE DRAWINGS FOR TREE PROTECTION FENCE DETAILS.
4. ALL AREAS WHERE NATURAL VEGETATION AND/OR SPECIMEN TREES ARE TO REMAIN SHALL BE PROTECTED BY THE ERECTION OF FENCING AND NO DISTURBANCE OF NATURAL VEGETATION SHALL OCCUR PRIOR TO INSPECTION BY THE TOWN ENGINEER AND THE ISSUANCE OF WRITTEN AUTHORIZATION TO PROCEED WITH CONSTRUCTION. THESE PROTECTION MEASURES SHALL NOT BE ALTERED OR REMOVED WITHOUT THE WRITTEN APPROVAL OF THE TOWN ENGINEER.
5. TREES TO BE REMOVED OR TRANSPLANTED SHALL BE MARKED IN THE FIELD BY THE CONTRACTOR AND VERIFIED BY THE LANDSCAPE ARCHITECT PRIOR TO REMOVAL.
6. CAMPUS SIGNS TO BE REMOVED SHALL BE RETURNED TO OWNER.
7. UTILITY DEMOLITION TO BE CLOSELY COORDINATED WITH PRINCETON UNIVERSITY AND THE TOWNSHIP OF WEST WINDSOR (WHERE APPLICABLE) TO MINIMIZE IMPACTS TO SERVICE.
8. UTILITIES TO BE DISCONNECTED PER UTILITY PROVIDER STANDARDS.
9. UTILITY DEMOLITION TO BE COORDINATED WITH TREE PROTECTION PLAN (SEE L-110 ON LANDSCAPE PLANS).
10. THE EXISTING CONDITIONS ARE BASED OFF OF THE PRINCETON UNIVERSITY LAKE CAMPUS SITE DEVELOPMENT FINAL CONSTRUCTION DOCUMENTS WHICH ARE CURRENTLY UNDER CONSTRUCTION.
11. EXISTING GEO-EXCHANGE WELLS, VAULTS AND DISTRIBUTION PIPING SHOWN PER AS-BUILT SURVEYS PREPARED BY P. AGNES. GEO-EXCHANGE UTILITIES ARE SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY.

LEGEND:

- SIGN TO BE REMOVED
- PATHWAYS/SIDEWALKS TO BE REMOVED
- TREE TO BE REMOVED
- LIGHT POST/UTILITY POLE TO BE REMOVED
- FENCING TO BE REMOVED

0 20 40 80 Feet

SCALE: 1" = 40'

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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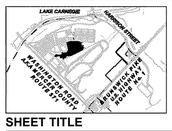
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

DEMOLITION PLAN

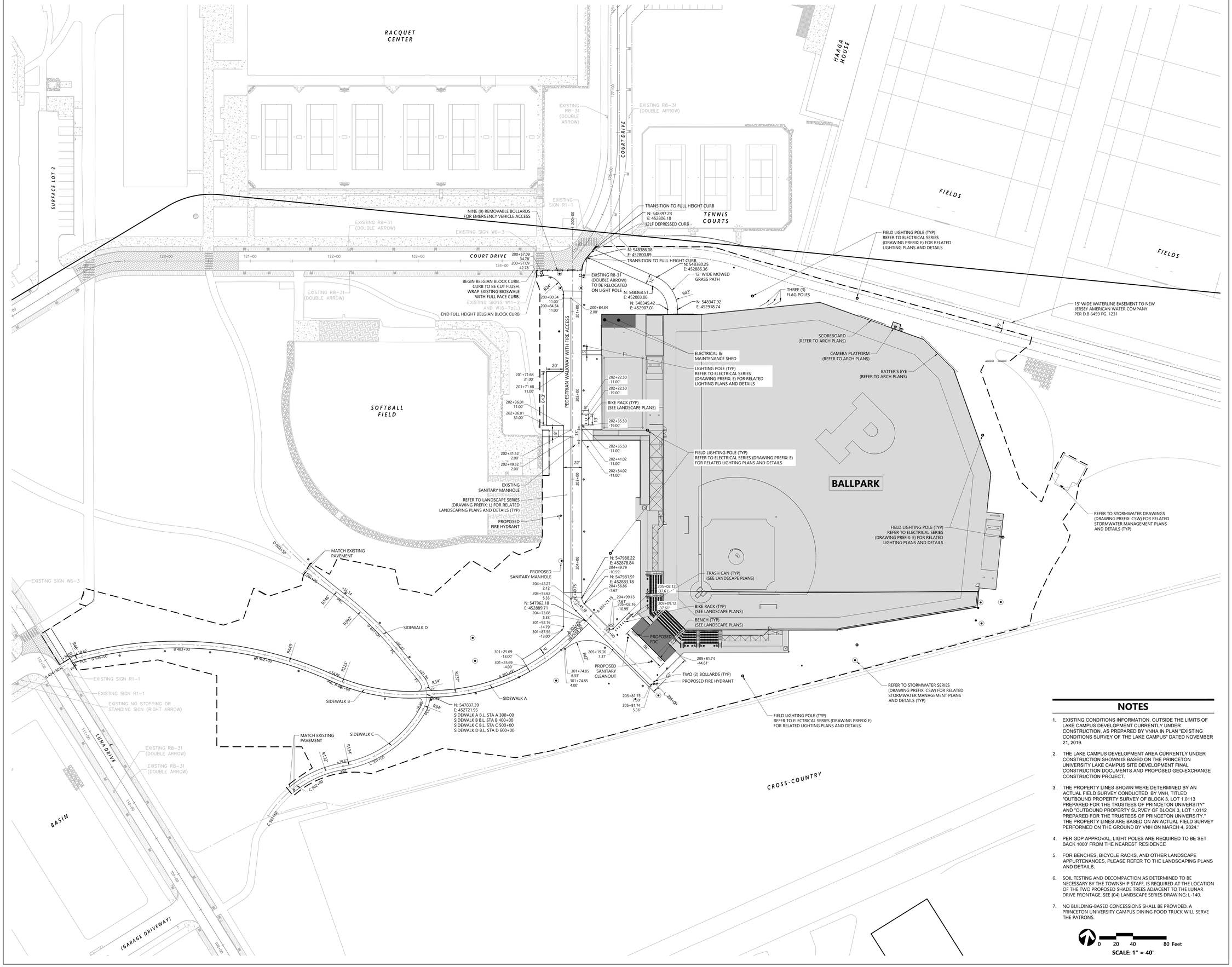
SHEET NUMBER

C-400

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Filename: \\vhb.com\gbl\gov\NewYork\City\22301.00 Princeton Baseball\cad\d\Planset\04-Construction Documents\22301.00-DEMO.dwg

ARCH E1 30" x 42"



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4. PER GDP APPROVAL, LIGHT POLES ARE REQUIRED TO BE SET BACK 1000' FROM THE NEAREST RESIDENCE
5. FOR BENCHES, BICYCLE RACKS, AND OTHER LANDSCAPE APPURTENANCES, PLEASE REFER TO THE LANDSCAPING PLANS AND DETAILS.
6. SOIL TESTING AND DECOMPACTION AS DETERMINED TO BE NECESSARY BY THE TOWNSHIP STAFF, IS REQUIRED AT THE LOCATION OF THE TWO PROPOSED SHADE TREES ADJACENT TO THE LUNAR DRIVE FRONTAGE. SEE [04] LANDSCAPE SERIES DRAWING: L-140.
7. NO BUILDING-BASED CONCESSIONS SHALL BE PROVIDED. A PRINCETON UNIVERSITY CAMPUS DINING FOOD TRUCK WILL SERVE THE PATRONS.

0 20 40 80 Feet

SCALE: 1" = 40'

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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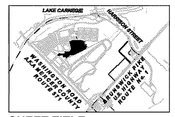
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

SITE LAYOUT PLAN

SHEET NUMBER

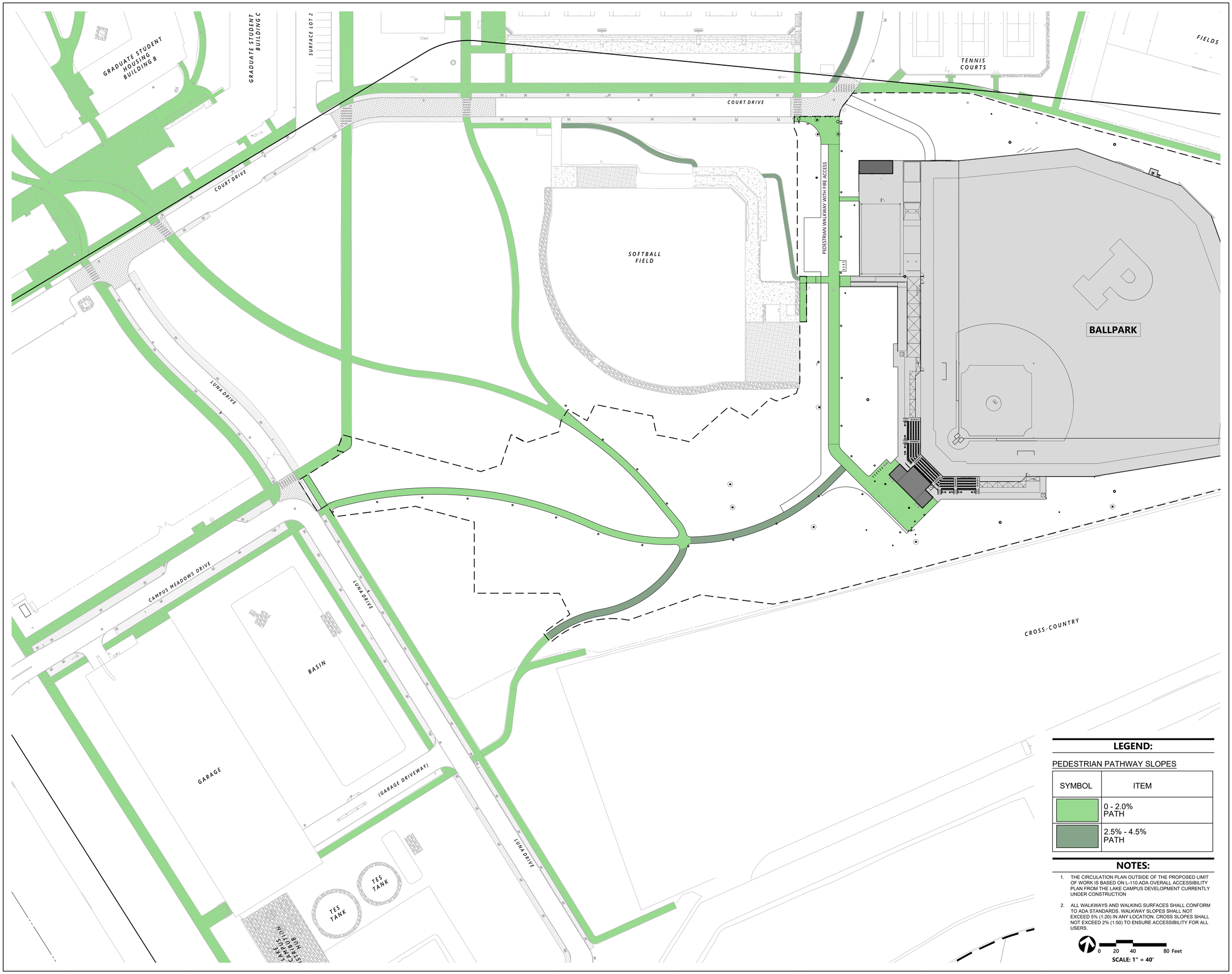
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01 02 03 04 05 06 07 08 09 10

ARCH E1 30" x 42"



LEGEND:

PEDESTRIAN PATHWAY SLOPES

SYMBOL	ITEM
	0 - 2.0% PATH
	2.5% - 4.5% PATH

NOTES:

1. THE CIRCULATION PLAN OUTSIDE OF THE PROPOSED LIMIT OF WORK IS BASED ON L-110.ADA OVERALL ACCESSIBILITY PLAN FROM THE LAKE CAMPUS DEVELOPMENT CURRENTLY UNDER CONSTRUCTION
2. ALL WALKWAYS AND WALKING SURFACES SHALL CONFORM TO ADA STANDARDS. WALKWAY SLOPES SHALL NOT EXCEED 5% (1:20) IN ANY LOCATION. CROSS SLOPES SHALL NOT EXCEED 2% (1:50) TO ENSURE ACCESSIBILITY FOR ALL USERS.

0 20 40 80 Feet

SCALE: 1" = 40'

PENDULUM

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West Windsor, NJ 08540

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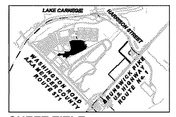
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APPLICATION BASEBALL
BALLPARK

Date: **10-09-2024**

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KEY PLAN



SHEET TITLE

PEDESTRIAN CIRCULATION PLAN

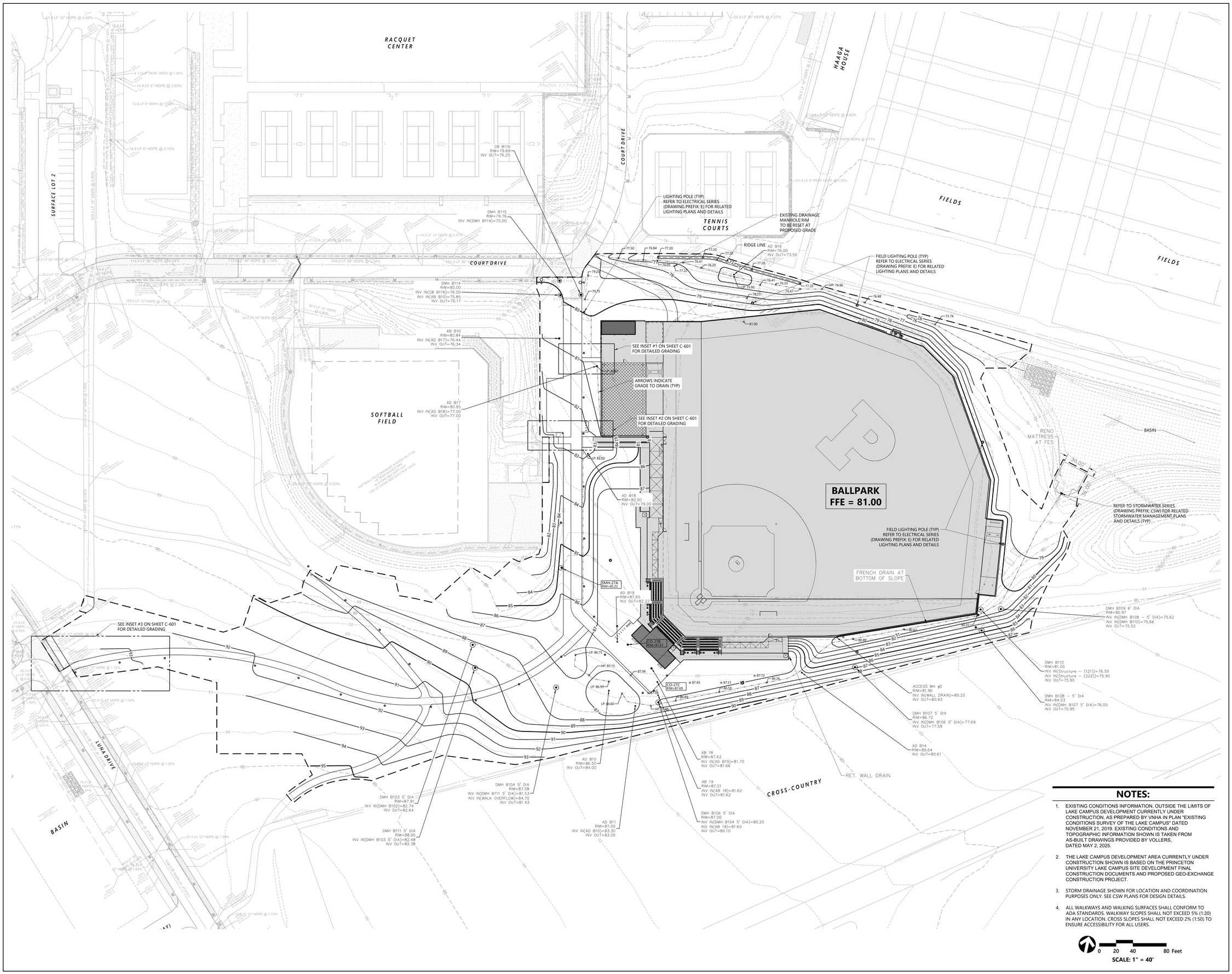
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ARCH E1 30" x 42"



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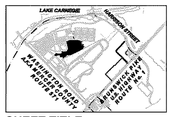
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SHEET TITLE

SITE GRADING PLAN

SHEET NUMBER

C-600

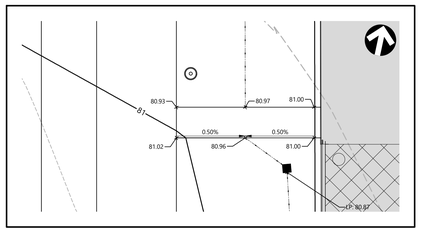
NOTES:

1. EXISTING CONDITIONS INFORMATION, OUTSIDE THE LIMITS OF LAKE CAMPUS DEVELOPMENT CURRENTLY UNDER CONSTRUCTION, AS PREPARED BY VNHA IN PLAN "EXISTING CONDITIONS SURVEY OF THE LAKE CAMPUS" DATED NOVEMBER 21, 2019. EXISTING CONDITIONS AND TOPOGRAPHIC INFORMATION SHOWN IS TAKEN FROM AS-BUILT DRAWINGS PROVIDED BY VOLLERS, DATED MAY 2, 2025.
2. THE LAKE CAMPUS DEVELOPMENT AREA CURRENTLY UNDER CONSTRUCTION SHOWN IS BASED ON THE PRINCETON UNIVERSITY LAKE CAMPUS SITE DEVELOPMENT FINAL CONSTRUCTION DOCUMENTS AND PROPOSED GEO-EXCHANGE CONSTRUCTION PROJECT.
3. STORM DRAINAGE SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY. SEE CSW PLANS FOR DESIGN DETAILS.
4. ALL WALKWAYS AND WALKING SURFACES SHALL CONFORM TO ADA STANDARDS. WALKWAY SLOPES SHALL NOT EXCEED 5% (1:20) IN ANY LOCATION. CROSS SLOPES SHALL NOT EXCEED 2% (1:50) TO ENSURE ACCESSIBILITY FOR ALL USERS.

0 20 40 80 Feet
SCALE: 1" = 40'

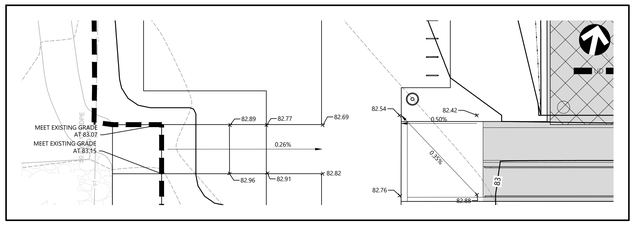
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ARCH E1 30" x 42"



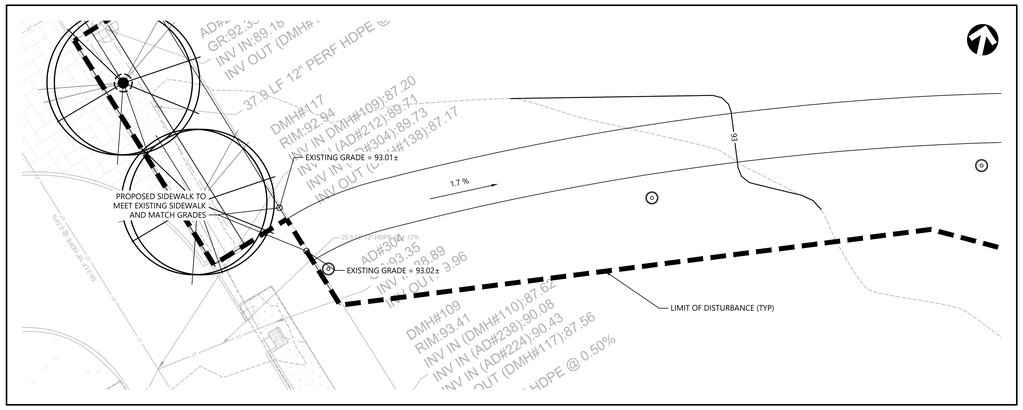
INSET #1: DETAILED ADA GRADING

SCALE: 1" = 10'



INSET #2: DETAILED ADA GRADING

SCALE: 1" = 10'



INSET #3: DETAILED ADA GRADING

SCALE: 1" = 10'

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0 5 10 20 Feet

SCALE: 1" = 10'

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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STATE OF NEW JERSEY — VLADIMIR WOJNO-ORLOV — 24GE04287700 — PROFESSIONAL ENGINEER

2/19/26

Vladimir Wojno-Orlov
Professional Engineer
License Number: 24GE04287700
NJ Certificate of Authorization #: 24GA27957200
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One Penn Plaza, Suite 715, New York, NY 10119

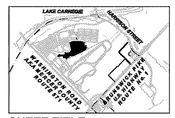
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **02-05-2025**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
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3	12-10-2025	Reduced Building Size
2	03-12-2025	Revised per WWT Technical Compliance Review
1	02-05-2025	WWT Resolution Compliance

KEY PLAN



SHEET TITLE

SITE GRADING PLAN - HANDICAPPED RAMPS AND ACCESSIBLE ROUTES

SHEET NUMBER

C-601

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Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\ny\NewYorkCity\22301.00 Princeton Baseball\cad\vld\Planset\04 Construction Documents\22301.00-GD.dwg

ARCH E1 30" x 42"

RACQUET CENTER

HAAGA HOUSE

SURFACE LOT 2

COURT DRIVE

TENNIS COURTS

FIELDS

SOFTBALL FIELD

BALLPARK

CROSS-COUNTRY

LUNA DRIVE

(GARAGE DRIVEWAY)

BASIN

EXISTING 10"x10"x8" TEE
EXISTING 8" DIP
EXISTING 6" TO 4" REDUCER
EXISTING 12" DIP
EXISTING LIGHT POLE (TYP)
EXISTING ABANDONED 1" WATER LINE
PROPOSED ELECTRICAL SERVICE
PROPOSED THREE (3) 4" OIT SERVICE
EXISTING 8" VALVE
8" DIP FIRE PROTECTION SERVICE CONNECTION TO EXISTING 8" WATER MAIN W/ 8" TAPPING SLEEVE
EXISTING OIT AND ELECTRIC LINES TO BE REMOVED SEE DEMOLITION PLAN SHEET C-400
EXISTING 4" DOMESTIC DIP
PROPOSED 475 LF 8" DIP
EXISTING 4" VALVE
PROPOSED 4" DIP CONNECTION TO CAPPED 4" WATER LINE
PROPOSED SANITARY (SEE SHEET C-1400)
PROPOSED 7 LF 6" DIP
PROPOSED 8" X 6" TEE
PROPOSED 6" VALVE
PROPOSED PRIVATE FIRE HYDRANT
160 LF 4" DIP
8" DIP 45° BEND
4" DIP 45° BEND
113 LF 4" DIP
75 LF 8" DIP
EXISTING STACKED GEOTHERMAL PIPING
EXISTING OIT SERVICE STUB
PROPOSED (3) 4" OIT SERVICE
8" TEE
5 LF 8" DIP
8" TO 4" REDUCER
27 LF 4" DIP
4" DIP 135° BEND
5 LF 4" DIP
4" DIP 135° BEND
5 LF 4" DIP
PROPOSED 4" TO 2" REDUCER
PROPOSED 24 LF 2" WELDED POLYETHYLENE SERVICE LINE
SANITARY CLEANOUT (SEE SHEET C-1400)
8" DIP 135° BEND
22 LF 8" DIP
8" DIP 135° BEND
140 LF 8" DIP
4" DIP 45° BEND
75 LF 4" DIP
4" DIP 45° BEND
PROPOSED (6) 4" OIT SERVICE REFER TO ELECTRICAL SERIES (DRAWING PREFIX: E) FOR RELATED PLANS AND DETAILS
25 LF 4" DIP
BUILDING MOUNTED FIRE DEPARTMENT CONNECTION
80 LF 8" DIP
8" TO 6" REDUCER
13 LF 6" DIP
6" VALVE
PROPOSED PRIVATE FIRE HYDRANT
TWO (2) PROPOSED 6" BOLLARDS (TYP)
PROPOSED ELECTRICAL SERVICE
FIELD LIGHTING POLE (TYP) REFER TO ELECTRICAL SERIES (DRAWING PREFIX: E) FOR RELATED LIGHTING PLANS AND DETAILS
LIGHTING POLE (TYP) REFER TO ELECTRICAL SERIES (DRAWING PREFIX: E) FOR RELATED LIGHTING PLANS AND DETAILS
SUBSURFACE BASEBALL FIELD DRAINAGE SYSTEM REFER TO STORMWATER SERIES (DRAWING PREFIX: CSW) FOR RELATED STORMWATER MANAGEMENT PLANS AND DETAILS (TYP
EXISTING GEOWELLS (TYP)
EXISTING BASIN
REFER TO STORMWATER SERIES (DRAWING PREFIX: CSW) FOR RELATED STORMWATER MANAGEMENT PLANS AND DETAILS (TYP

NOTES:

1. THE EXISTING CONDITIONS ARE BASED OFF OF THE PRINCETON UNIVERSITY LAKE CAMPUS SITE DEVELOPMENT FINAL CONSTRUCTION DOCUMENTS WHICH ARE CURRENTLY UNDER CONSTRUCTION.
2. STORM DRAINAGE SHOW FOR LOCATION AND COORDINATION PURPOSES ONLY. SEE CSW PLANS FOR DESIGN DETAIL.
3. EXACT ENTRY POINT FOR THE PROPOSED UTILITIES INTO THE BUILDING TO BE COORDINATED WITH THE VERTICAL TEAM.
4. EXISTING GEO-EXCHANGE WELLS, VAULTS AND DISTRIBUTION PIPING SHOWN PER AS-BUILT SURVEYS PREPARED BY P. AGNES. GEO-EXCHANGE UTILITIES ARE SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY.

0 20 40 80 Feet
SCALE: 1" = 40'

Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\proj\NewYork\City\22301.00 Princeton Baseball\cad\dwl\Planset\04 Construction Documents\22301.00-UT.dwg

PENDULUM

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Baseball Ballpark
West Windsor, NJ 08540

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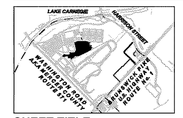
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
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2	10-09-2024	Revised per Technical Review Committee Meeting
1	07-08-2024	WWT Preliminary Final Major Site Plan Application

KEY PLAN



SHEET TITLE

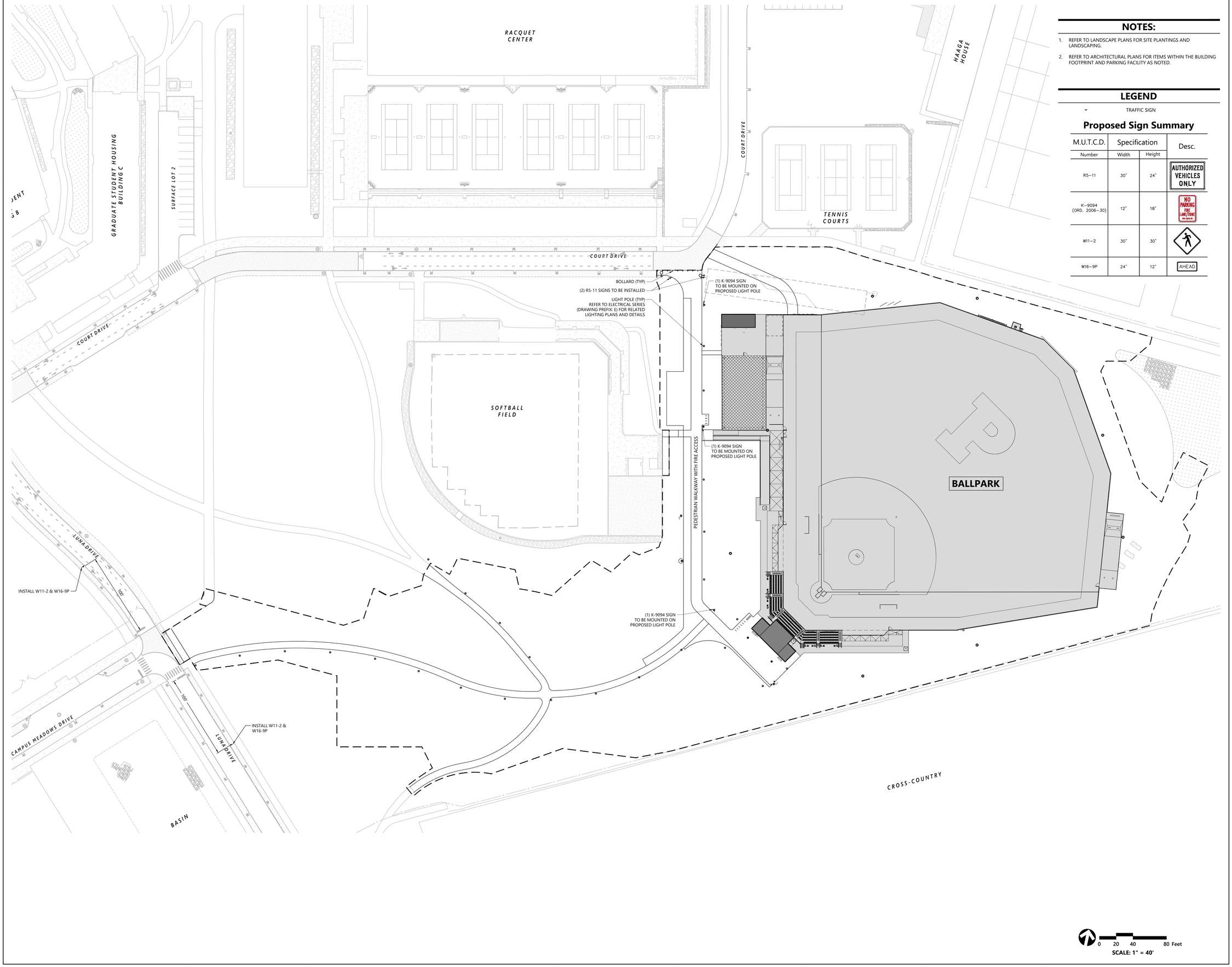
UTILITY PLAN

SHEET NUMBER

C-700

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ARCH E1 30" x 42"



NOTES:

1. REFER TO LANDSCAPE PLANS FOR SITE PLANTINGS AND LANDSCAPING.
2. REFER TO ARCHITECTURAL PLANS FOR ITEMS WITHIN THE BUILDING FOOTPRINT AND PARKING FACILITY AS NOTED.

LEGEND

TRAFFIC SIGN

Proposed Sign Summary

M.U.T.C.D. Number	Specification Width	Specification Height	Desc.
R5–11	30"	24"	AUTHORIZED VEHICLES ONLY
K–9094 (ORD. 2006–30)	12"	18"	NO PARKING FIRE LANE/ZONE
W11–2	30"	30"	
W16–9P	24"	12"	AHEAD

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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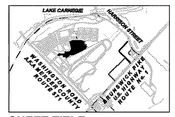
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

TRAFFIC SIGNAGE AND STRIPING PLAN

SHEET NUMBER

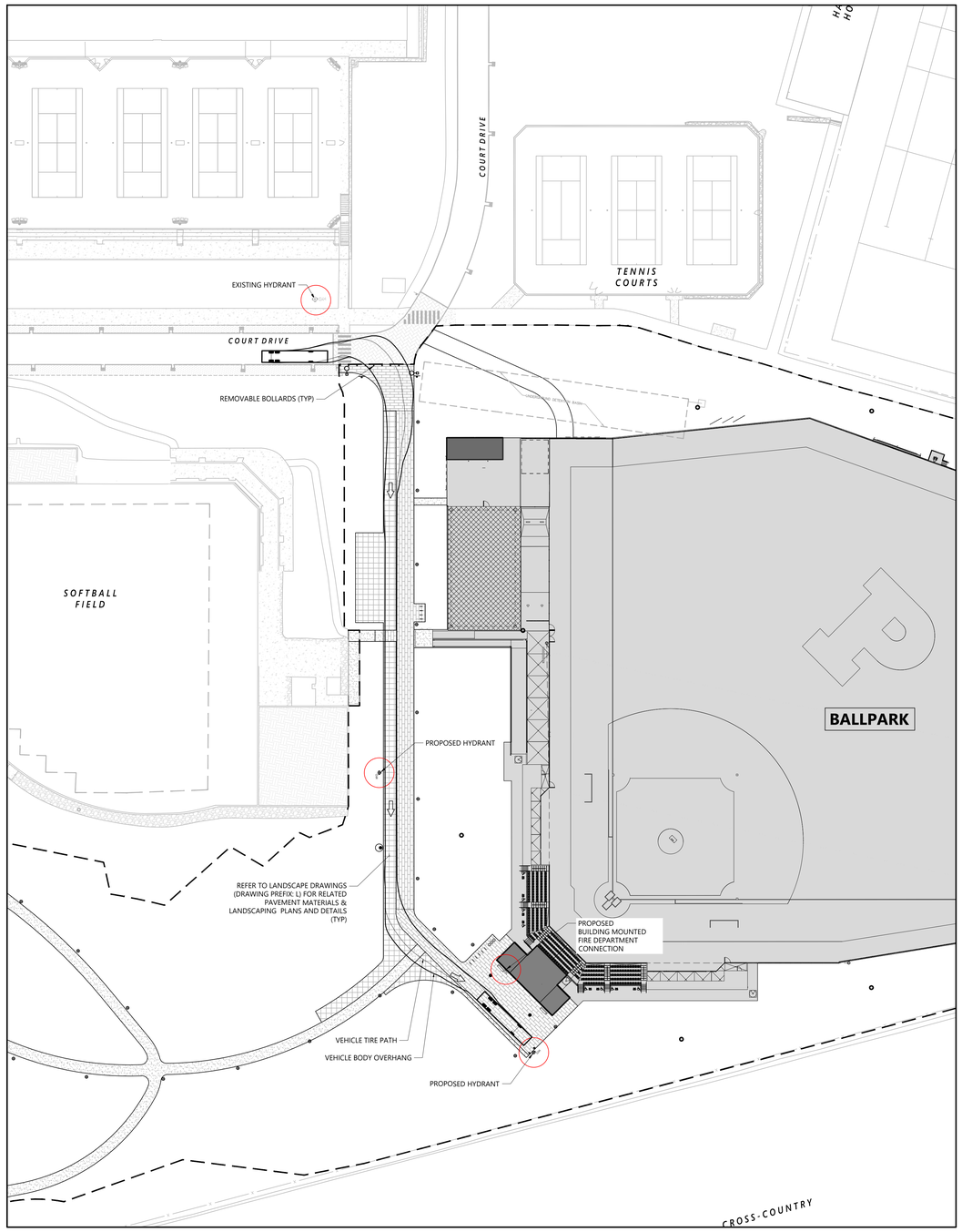
C-800

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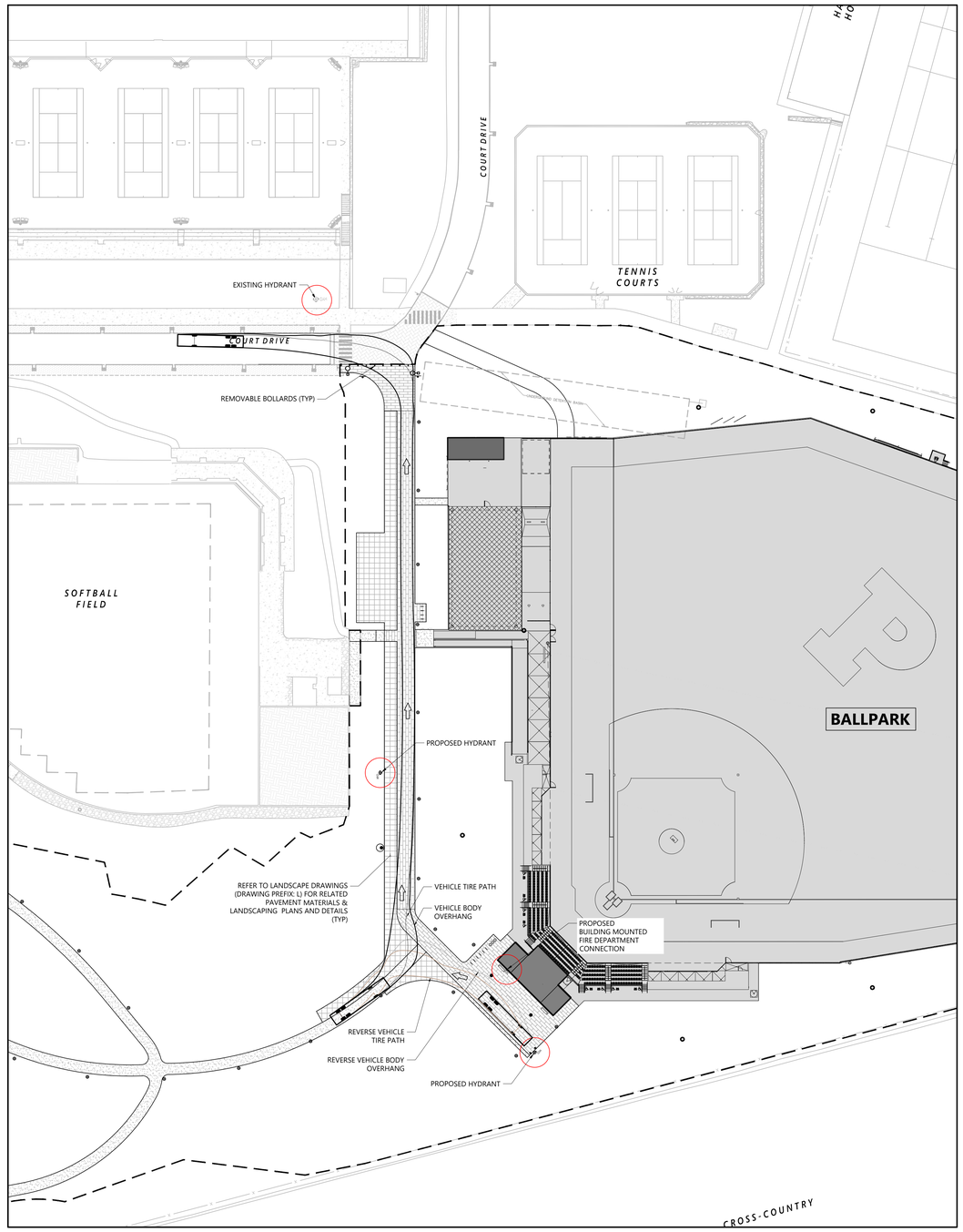
Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\proj\NewYorkCity\22301.00 Princeton Baseball\cad\d\Planset\04-Construction Documents\223010O-TS.dwg

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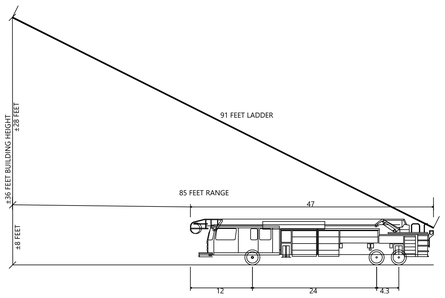
ARCH E1 30" x 42"



WWT FIRETRUCK TURNING MOVEMENT INBOUND



WWT FIRETRUCK TURNING MOVEMENT OUTBOUND



FACADE COVERAGE	FACADE COVERAGE 85'
BALLPARK	100.0%

WWT FireTruck	
Overall Length	47.000ft
Overall Width	8.333ft
Overall Body Height	10.000ft
Min Body Ground Clearance	1.393ft
Track Width	8.333ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	36.250ft
Max. Ladder Lenght	91.000ft

LEGEND

- LIMIT OF PROJECT SCOPE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- PROPOSED FIRE DEPARTMENT CONNECTION
- VEHICLE TIRE PATH
- VEHICLE BODY OVERHANG
- REVERSE VEHICLE TIRE PATH
- REVERSE VEHICLE BODY OVERHANG

PAVEMENT HATCH LEGEND

- CONCRETE UNIT PAVER (POROUS)
- GRASSCRETE (POROUS)
- POROUS ASPHALT

0 20 40 80 Feet

SCALE: 1" = 40'

Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\ny\NewYork\Proj\22301.00 Princeton Baseball\cad\id\Planset\04-Construction Documents\22301.00-FP.dwg

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WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

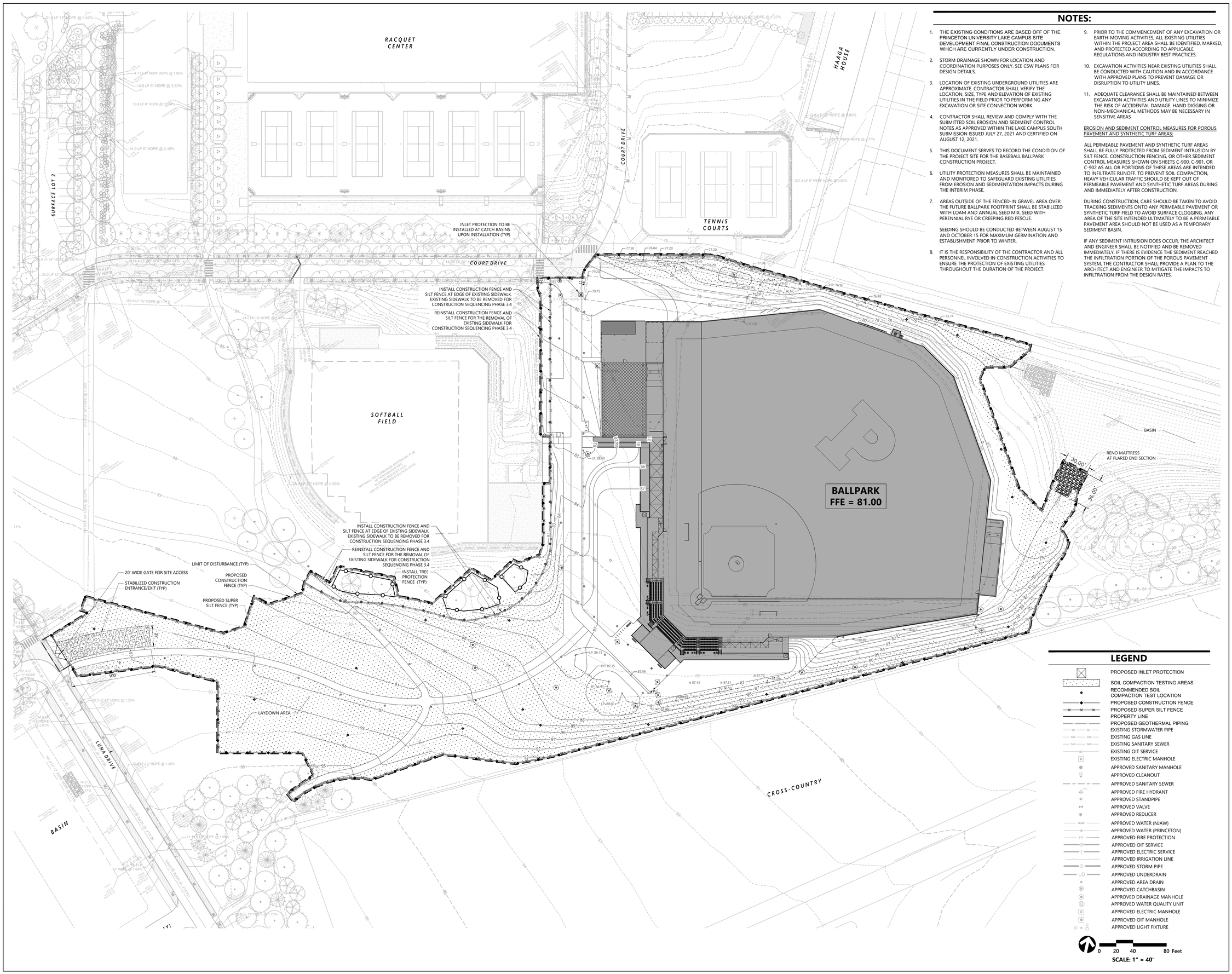
FIRE PROTECTION SITE PLAN

SHEET NUMBER

C-810

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ARCH E1 30" x 42"



NOTES:

1. THE EXISTING CONDITIONS ARE BASED OFF OF THE PRINCETON UNIVERSITY LAKE CAMPUS SITE DEVELOPMENT FINAL CONSTRUCTION DOCUMENTS WHICH ARE CURRENTLY UNDER CONSTRUCTION.
2. STORM DRAINAGE SHOWN FOR LOCATION AND COORDINATION PURPOSES ONLY. SEE CSW PLANS FOR DESIGN DETAILS.
3. LOCATION OF EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY THE LOCATION, SIZE, TYPE AND ELEVATION OF EXISTING UTILITIES IN THE FIELD PRIOR TO PERFORMING ANY EXCAVATION OR SITE CONNECTION WORK.
4. CONTRACTOR SHALL REVIEW AND COMPLY WITH THE SUBMITTED SOIL EROSION AND SEDIMENT CONTROL NOTES AS APPROVED WITHIN THE LAKE CAMPUS SOUTH SUBMISSION ISSUED JULY 27, 2021 AND CERTIFIED ON AUGUST 12, 2021.
5. THIS DOCUMENT SERVES TO RECORD THE CONDITION OF THE PROJECT SITE FOR THE BASEBALL BALLPARK CONSTRUCTION PROJECT.
6. UTILITY PROTECTION MEASURES SHALL BE MAINTAINED AND MONITORED TO SAFEGUARD EXISTING UTILITIES FROM EROSION AND SEDIMENTATION IMPACTS DURING THE INTERIM PHASE.
7. AREAS OUTSIDE OF THE FENCED-IN GRAVEL AREA OVER THE FUTURE BALLPARK FOOTPRINT SHALL BE STABILIZED WITH LOAM AND ANNUAL SEED MIX. SEED WITH PERENNIAL RYE OR CREEPING RED FESCUE.

   SEEDING SHOULD BE CONDUCTED BETWEEN AUGUST 15 AND OCTOBER 15 FOR MAXIMUM GERMINATION AND ESTABLISHMENT PRIOR TO WINTER.
8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND ALL PERSONNEL INVOLVED IN CONSTRUCTION ACTIVITIES TO ENSURE THE PROTECTION OF EXISTING UTILITIES THROUGHOUT THE DURATION OF THE PROJECT.
9. PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION OR EARTH-MOVING ACTIVITIES, ALL EXISTING UTILITIES WITHIN THE PROJECT AREA SHALL BE IDENTIFIED, MARKED, AND PROTECTED ACCORDING TO APPLICABLE REGULATIONS AND INDUSTRY BEST PRACTICES.
10. EXCAVATION ACTIVITIES NEAR EXISTING UTILITIES SHALL BE CONDUCTED WITH CAUTION AND IN ACCORDANCE WITH APPROVED PLANS TO PREVENT DAMAGE OR DISRUPTION TO UTILITY LINES.
11. ADEQUATE CLEARANCE SHALL BE MAINTAINED BETWEEN EXCAVATION ACTIVITIES AND UTILITY LINES TO MINIMIZE THE RISK OF ACCIDENTAL DAMAGE. HAND DIGGING OR NON-MECHANICAL METHODS MAY BE NECESSARY IN SENSITIVE AREAS

EROSION AND SEDIMENT CONTROL MEASURES FOR POROUS PAVEMENT AND SYNTHETIC TURF AREAS:

ALL PERMEABLE PAVEMENT AND SYNTHETIC TURF AREAS SHALL BE FULLY PROTECTED FROM SEDIMENT INTRUSION BY SILT FENCE, CONSTRUCTION FENCING, OR OTHER SEDIMENT CONTROL MEASURES SHOWN ON SHEETS C-900, C-901, OR C-902 AS ALL OR PORTIONS OF THESE AREAS ARE INTENDED TO INFILTRATE RUNOFF. TO PREVENT SOIL COMPACTION, HEAVY VEHICULAR TRAFFIC SHOULD BE KEPT OUT OF PERMEABLE PAVEMENT AND SYNTHETIC TURF AREAS DURING AND IMMEDIATELY AFTER CONSTRUCTION.

DURING CONSTRUCTION, CARE SHOULD BE TAKEN TO AVOID TRACKING SEDIMENTS ONTO ANY PERMEABLE PAVEMENT OR SYNTHETIC TURF FIELD TO AVOID SURFACE CLOGGING. ANY AREA OF THE SITE INTENDED ULTIMATELY TO BE A PERMEABLE PAVEMENT AREA SHOULD NOT BE USED AS A TEMPORARY SEDIMENT BASIN.

IF ANY SEDIMENT INTRUSION DOES OCCUR, THE ARCHITECT AND ENGINEER SHALL BE NOTIFIED AND BE REMOVED IMMEDIATELY. IF THERE IS EVIDENCE THE SEDIMENT REACHED THE INFILTRATION PORTION OF THE POROUS PAVEMENT SYSTEM, THE CONTRACTOR SHALL PROVIDE A PLAN TO THE ARCHITECT AND ENGINEER TO MITIGATE THE IMPACTS TO INFILTRATION FROM THE DESIGN RATES.

LEGEND

- PROPOSED INLET PROTECTION
- SOIL COMPACTION TESTING AREAS
- RECOMMENDED SOIL COMPACTION TEST LOCATION
- PROPOSED CONSTRUCTION FENCE
- PROPOSED SUPER SILT FENCE
- PROPERTY LINE
- PROPOSED GEOTHERMAL PIPING
- EXISTING STORMWATER PIPE
- EXISTING GAS LINE
- EXISTING SANITARY SEWER
- EXISTING OIT SERVICE
- EXISTING ELECTRIC MANHOLE
- APPROVED SANITARY MANHOLE
- APPROVED CLEANOUT
- APPROVED SANITARY SEWER
- APPROVED FIRE HYDRANT
- APPROVED STANDPIPE
- APPROVED VALVE
- APPROVED REDUCER
- APPROVED WATER (NJAW)
- APPROVED WATER (PRINCETON)
- APPROVED FIRE PROTECTION
- APPROVED OIT SERVICE
- APPROVED ELECTRIC SERVICE
- APPROVED IRRIGATION LINE
- APPROVED STORM PIPE
- APPROVED UNDERDRAIN
- APPROVED AREA DRAIN
- APPROVED CATCHBASIN
- APPROVED DRAINAGE MANHOLE
- APPROVED WATER QUALITY UNIT
- APPROVED ELECTRIC MANHOLE
- APPROVED OIT MANHOLE
- APPROVED LIGHT FIXTURE

0 20 40 80 Feet

SCALE: 1" = 40'

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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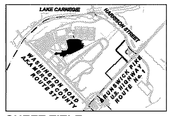
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
7	02-19-2026	Revisions after TRC
6	12-10-2025	Reduced Building Size
5	03-12-2025	Revised per WWT Technical Compliance Review
4	02-05-2025	WWT Resolution Compliance
3	11-22-2024	Issued to DRCC and MCPB
2	10-09-2024	Revised per Technical Review Committee Meeting
1	07-08-2024	WWT Preliminary Final Major Site Plan Application

KEY PLAN



SHEET TITLE

EROSION AND SEDIMENT CONTROL PLAN

SHEET NUMBER

C-900

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Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\proj\NewYorkCity\223301.00 Princeton Baseball\cad\dgn\Planset\04-Construction Documents\223301.00-ER.dwg

ARCH E1 30" x 42"

A. Mercer County Soil Conservation District General Notes:

1. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO STARTING LAND DISTURBANCE ACTIVITY. NOTICE TO BE FAXED TO:

   MCSCD, 590 HUGHES DRIVE, HAMILTON SQUARE, NJ 08690
   PHONE: 609-586-9603 FAX: 609-586-1117
   EMAIL: MERCERSOIL@AOL.COM

2. IF APPLICABLE TO THIS PROJECT, THE OWNER SHOULD BE AWARE OF HIS OR HER OBLIGATION TO FILE FOR A NJPDES CONSTRUCTION ACTIVITY STORMWATER 5G3 PERMIT (NJG0088323) VIA THE NJDEP ONLINE PERMITTING SYSTEM (WWW.NJ.GOV/DEP/ONLINE) AND TO MAINTAIN THE ASSOCIATED BEST MANAGEMENT PRACTICES AND STORMWATER POLLUTION PREVENTION PLAN SELF-INSPECTION LOGBOOK ONSITE AT ALL TIMES. THIS PERMIT MUST BE FILED PRIOR TO THE START OF SOIL DISTURBANCE. THE ONLINE APPLICATION PROCESS WILL REQUIRE ENTRY OF AN SCD CERTIFICATION CODE, WHICH IS PROVIDED BY THE SOIL CONSERVATION DISTRICT UPON CERTIFICATION OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN.

3. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP.

4. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INCLUDING AN INCREASE IN THE LIMIT OF DISTURBANCE, WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RECERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION & SEDIMENT CONTROL STANDARDS.

5. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.

6. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE AS OUTLINED WITHIN THE SEQUENCE OF CONSTRUCTION ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, THEN THE MORE RESTRICTIVE PERMIT REQUIREMENTS SHALL BE FOLLOWED.

7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NJ. IF LANGUAGE CONTAINED WITHIN ANY OTHER PERMIT FOR THIS PROJECT IS MORE RESTRICTIVE THAN (BUT NOT CONTRADICTORY TO) WHAT IS CONTAINED WITHIN THESE NOTES OR ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, THEN THE MORE RESTRICTIVE PERMIT REQUIREMENTS SHALL BE FOLLOWED.

8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A 1½" TO 2½" CLEAN STONE TRACKING PAD AT ALL CONSTRUCTION DRIVEWAYS IMMEDIATELY AFTER INITIAL SITE DISTURBANCE. WHETHER IDENTIFIED ON THE CERTIFIED PLAN OR NOT. THE WIDTH SHALL SPAN THE FULL WIDTH OF THE EGRESS, AND LENGTH SHALL BE 50 FT. OR MORE, DEPENDING ON SITE CONDITIONS AND AS REQUIRED BY THE STANDARD. THIS SHALL INCLUDE INDIVIDUAL LOT ACCESS POINTS WITHIN RESIDENTIAL SUBDIVISIONS. IF THE EGRESS IS TO A COUNTY ROAD, THEN A 20FT. LONG PAVED TRANSITION SHALL BE PROVIDED BETWEEN THE EDGE OF THE PAVEMENT AND THE STONE ACCESS PAD.

9. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS, AND PARKING AREAS, IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN 15 DAYS OF PRELIMINARY GRADING, PROVIDED THAT ALL OTHER REQUIREMENTS RELATED TO DETENTION BASINS, SWALES, AND THE SEQUENCE OF CONSTRUCTION HAVE BEEN MET.

10. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 14 DAYS AND NO SUBJECT TO CONSTRUCTION ACTIVITY SHALL IMMEDIATELY RECEIVE TEMPORARY STABILIZATION. IF THE SEASON PREVENTS ESTABLISHMENT OF A TEMPORARY VEGETATIVE COVER, OR IF THE AREA IS NOT TOPSOILED, THEN THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS. SLOPED AREAS IN EXCESS OF 3H:1V SHALL BE PROVIDED WITH EROSION CONTROL BLANKETS, CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES, ROADWAY EMBANKMENTS, ENVIRONMENTALLY SENSITIVE AREAS) WILL RECEIVE TEMPORARY STABILIZATION IMMEDIATELY AFTER INITIAL DISTURBANCE OR ROUGH GRADING.

11. ANY STEEP SLOPES (I.E. SLOPES GREATER THAN 3:1) RECEIVING PIPELINE OR UTILITY INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS.

12. PERMANENT VEGETATION SHALL BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING AND TOPSOILING. ALL AGRONOMIC REQUIREMENTS CONTAINED WITHIN THE STANDARDS AND ON THE CERTIFIED PLAN SHALL BE EMPLOYED. MULCH WITH BINDER, IN ACCORDANCE WITH THE STANDARDS, SHALL BE USED ON ALL SEEDED AREAS. SAVE ALL TAGS AND/OR BAGS USED FOR SEED, LIME, AND FERTILIZER, AND PROVIDE THEM TO THE DISTRICT INSPECTOR TO VERIFY THAT MIXTURES AND RATES MEET THE STANDARDS.

13. AT THIS TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, THE NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

14. DURING THE COURSE OF CONSTRUCTION, SOIL COMPACTION MAY OCCUR WITHIN HAUL ROUTES, STAGING AREAS AND OTHER PROJECT AREAS. IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING, COMPACTED SURFACES SHOULD BE SCARIFIED 3" TO 12" IMMEDIATELY PRIOR TO TOPSOIL APPLICATION. THIS WILL HELP ENSURE A GOOD BOND BETWEEN THE TOPSOIL AND SUBSOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).

15. PRIOR TO SEEDING, TOPSOIL SHALL BE WORKED TO PREPARE A PROPER SEEDBED. THIS SHALL INCLUDE RAKING OF THE TOPSOIL AND REMOVAL OF DEBRIS AND STONES, ALONG WITH OTHER REQUIREMENTS OF THE STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION.

16. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE BURIED WITH LIMESTONE IN ACCORDANCE WITH THE STANDARD AND BE COVERED WITH A MINIMUM OF 12" OF SOIL HAVING A PH OF 5 OR MORE PRIOR TO TOPSOIL APPLICATION AND SEEDBED PREPARATION. IF THE AREA IS TO RECEIVE TREE OR SHRUB PLANTINGS, OR IS LOCATED ON A SLOPE, THEN THE AREA SHALL BE COVERED WITH A MINIMUM OF 24" OF SOIL HAVING A PH OF 5 OR MORE.

17. MULCHING TO THE STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL REPORT OF COMPLIANCE (ROC). CONDITIONAL ROC'S ARE ONLY ISSUED WHEN THE SEASON PROHIBITS SEEDING. PERMANENT STABILIZATION MUST THEN BE COMPLETED DURING THE OPTIMUM SEEDING SEASON IMMEDIATELY FOLLOWING THE CONDITIONAL ROC, OR THE COMPLETION OF WORK IN A GIVEN AREA.

18. HYDROSEEDING IS A TWO-STEP PROCESS. THE FIRST STEP INCLUDES SEED, FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY, GOOD SEED-TO-SOIL CONTACT, AND GIVE A VISUAL INDICATION OF COVERAGE. UPON COMPLETION OF THE SEEDING OPERATION, HYDROMULCH SHOULD BE APPLIED AT A MINIMUM RATE OF 1500 LBS. PER ACRE IN SECOND STEP. THE USE OF HYDRO-MULCH, AS OPPOSED TO STRAW, IS LIMITED TO OPTIMUM SEEDING DATES AS LISTED IN THE STANDARDS. THE USE OF HYDROMULCH ON SLOPED AREAS IS DISCOURAGED.

19. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING LIFE OF THE CONSTRUCTION PROJECT. ALL SEDIMENT WASHED, DROPPED, TRACKED, OR SPILLED ONTO PAVED SURFACES SHALL BE IMMEDIATELY REMOVED.

20. THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION, AND FOR EMPLOYING ADDITION EROSION AND SEDIMENT CONTROL MEASURES AT THE REQUEST OF THE MERCER COUNTY SOIL CONSERVATION DISTRICT.

21. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

22. ALL DETENTION / RETENTION BASINS MUST BE FULLY CONSTRUCTED (INCLUSIVE OF ALL STRUCTURAL COMPONENTS AND LINERS) AND PERMANENTLY STABILIZED PRIOR TO PAVING OR PRIOR TO THE ADDITION OF ANY PERVIOUS SURFACES. PERMANENT STABILIZATION INCLUDES, BUT MAY NOT BE LIMITED TO: TOPSOIL, SEED, STRAW MULCH AND BINDERS OR EROSION CONTROL BLANKETS ON ALL SEEDING, ALL AGRONOMIC REQUIREMENTS AS SPECIFIED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INSTALLATION OF THE OUTFLOW CONTROL STRUCTURES AND DISCHARGE STORM DRAINAGE PIPING, LOW FLOW CHANNELS, CONDUIT OUTLET PROTECTION, EMERGENCY SPILLWAYS, AND LAP RING PROTECTION.

23. THE RIDING SURFACE OF ALL UTILITY TRENCHES WITHIN PAVED AREAS SHALL BE ¾" CLEAN STONE OR BASE PAVEMENT UNTIL SUCH TIME AS FINAL PAVEMENT HAS BEEN INSTALLED. TEMPORARY SOIL RIDING SURFACES ARE PROHIBITED.

24. ALL CONSTRUCTION DEWATERING (TRENCHES, EXCAVATIONS, ETC.) MUST BE DONE THROUGH AN INLET OR OUTLET FILTER IN ACCORDANCE WITH THE STANDARD FOR DEWATERING OR AS DEPICTED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN. DISCHARGE LOCATIONS FOR THE DEWATERING OPERATION MUST CONTAIN PERENNIAL VEGETATION OR SIMILAR STABLE SURFACE.

25. ALL SWALES OR CHANNELS THAT WILL RECEIVE RUNOFF FROM PAVED SURFACES MUST BE PERMANENTLY STABILIZED PRIOR TO THE INSTALLATION OF PAVEMENT. IF THE SEASON PROHIBITS THE ESTABLISHMENT OF PERMANENT STABILIZATION, THE SWALES OR CHANNELS MAY BE TEMPORARILY STABILIZED IN ACCORDANCE WITH THE STANDARDS.

26. NJSA 4: 24-39 ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN SATISFIED. THEREFORE, ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS MUST BE COMPLETED BEFORE THE DISTRICT ISSUES A REPORT OF COMPLIANCE OR CONDITIONAL REPORT OF COMPLIANCE, WHICH MUST BE FORWARDED TO THE MUNICIPALITY PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY, RESPECTIVELY.

B. Temporary Vegetative Cover for Soil Stabilization

1. SITE PREPARATION

1.A. GRADE AS NEEDED AND AS FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARDS FOR LAND GRADING, PG. 19-1, IN "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY" (SSESCNJ).

1.B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSION, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS. SEE SSESCNJ ENGINEERING STANDARDS.

1.C. IMMEDIATELY PRIOR TO SEEDING, THE SURFACE SHOULD BE SCARIFIED TO A 6" MINIMUM DEPTH. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).

2. SEEDBED PREPARATION

2.A. APPLY GROUND LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS THOSE OFFERED BY RUTGERS CO-OPERATIVE EXTENSION. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS COOPERATIVE EXTENSION OFFICES. FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE. APPLY LIMESTONE AT THE RATE OF 2 TONS/PER ACRE UNLESS SOIL TESTING INDICATES OTHERWISE (SEE TABLE B-1. CALCIUM CARBONATE IS THE EQUIVALENT AND STANDARD FOR MEASURING THE ABILITY OF LIMING MATERIALS TO NEUTRALIZE SOIL ACIDITY AND SUPPLY CALCIUM AND MAGNESIUM TO GRASSES AND LEGUMES.

LIMESTONE APPLICATION RATE BY SOIL TEXTURE		
SOIL TEXTURE	TONS/ACRE	LBS./1000 S.F.
CLAY, CLAY LOAM, AND HIGH ORGANIC SOIL	3	135
SANDY LOAM, LOAM, SILT LOAM	2	90
LOAMY SAND, SAND	1	45

2.B. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.

2.C. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED IN ACCORDANCE WITH THE ABOVE.

2.D. SOILS HIGH IN SULFIDES OR HAVING A PH OF 4 OR LESS REFER TO STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, SSESCNJ PG 1-1.

3. SEEDING

3.A. APPLY SEED AS FOLLOWS:

- 150 LBS PER ACRE, OVER MIN 5" COMPACTED TOPSOIL, PH BETWEEN 6 AND 6.8 , MULCHED (STRAW MATS IN STEEPER AREAS) HYDROSEED FLATTER AREAS) FERTILIZED AND LIMED BASED ON SOIL TEST. SOIL CAN BE NATIVE (AGRICULTURAL) TOPSOIL
- 50/50 BY WEIGHT
- PERENNIAL RYE (VARIETIES DO NOT MATTER TOO MUCH PROVIDED THEY ARE PERENNIAL RYE).
- CREEPING RED FESCUE

- SEEDING SHOULD BE BETWEEN AUG 15 AND OCTOBER 15 FOR MAXIMUM GERMINATION AND ESTABLISHMENT PRIOR TO WINTER.

3.B. GRASSES MAY BE PLANTED THROUGHOUT SUMMER IF SOIL MOISTURE IS ADEQUATE OR SEEDED AREA CAN BE IRRIGATED.

3.C. REFER TO THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, 7TH EDITION, FIGURE 7-1, PG. 7-5 FOR PLANT HARDINESS ZONES.

3.D. PLANTING DEPTHS SHOULD BE DOUBLED FOR SANDY SOILS.

3.E. CONVENTIONAL SEEDING: APPLY SEED UNIFORMLY BY HAND, CYCLONE (CENTRIFUGAL) SEEDER, DROP SEEDER, DRILL OR CULTIPACKER SEEDER. EXCEPT FOR DRILLED, HYDROSEEDED OR CULTIPACKED SEEDINGS, SEED SHALL BE INCORPORATED INTO THE SOIL TO A DEPTH OF ¼ TO ½ INCH BY RAKING OR DRAGGING. DEPTH OF SEED PLACEMENT MAY BE ½ INCH DEEPER ON COARSE TEXTURED SOIL.

3.F. HYDROSEEDING IS A BROADCAST SEEDING METHOD USUALLY INVOLVING A TRUCK OR TRAILER MOUNTED TANK, WITH AN AGITATION SYSTEM AND HYDRAULIC PUMP FOR MIXING SEED, WATER, AND FERTILIZER AND SPRAYING THE MIX ONTO THE PREPARED SEEDBED. MULCH SHALL NOT BE INCLUDED IN THE TANK WITH SEED. SHORT FIBERED MULCH MAY BE APPLIED WITH A HYDROSEEDER FOLLOWING SEEDING. (ALSO SEE SECTION 4, MULCHING). HYDROSEEDING IS NOT A PREFERRED SEEDING METHOD BECAUSE SEED AND FERTILIZER ARE APPLIED TO THE SURFACE AND NOT INCORPORATED INTO THE SOIL. POOR SEED TO SOIL CONTACT OCCURS REDUCING SEED GERMINATION AND GROWTH. HYDROSEEDING MAY BE USED FOR AREAS TOO STEEP FOR CONVENTIONAL EQUIPMENT TO TRAVERSE OR TOO OBSTRUCTED WITH ROCKS, STUMPS, ETC.

3.G. AFTER SEEDING, FIRMING THE SOILS WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT, RESTORE CAPILLARITY, AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON-SITE WILL BE MAXIMIZED.

4. MULCHING

MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. THE EXISTENCE OF VEGETATION SUFFICIENT TOP CONTROL SOIL EROSION SHALL BE DEEMED IN COMPLIANCE WITH THIS MULCHING REQUIREMENT.

4.A. STRAW OR HAY. UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY TO BE APPLIED AT THE RATE OF 1-1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000 SQUARE FEET), EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH-BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHOPPER-BLOWERS MUST NOT GRIND THE MULCH. HAY MULCH IS NOT RECOMMENDED FOR ESTABLISHING FINE TURF OR LAWNS DUE TO THE PRESENCE OF WEED SEED. APPLICATION: SPREAD MULCH UNIFORMLY BY HAND OR MECHANICALLY SO THAT APPROXIMATELY 85% OF THE SOIL SURFACE WILL BE COVERED. FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH SECTION.

4.B. ANCHORING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS.

4.B.1. PEG AND TWINE. DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2-3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRIS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.

4.B.2. MULCH NETTINGS. STAPLE PAPER, JUTE, OR COTTON NETTINGS TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.

4.C. PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED TO MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE

4.D. DO NOT USE BARK MULCH FOR SEEDED AREAS.

C. PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION

1. SITE PREPARATION

1.A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING

1.B. IMMEDIATELY PRIOR TO SEEDING AND TOPSOIL APPLICATION THE SUBSOIL SHALL BE EVALUATED FOR COMPACTION IN ACCORDANCE WITH STANDARDS FOR LAND GRADING

1.C. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER, AS NEEDED, IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING.

1.D. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE-STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS.

2. SEEDBED PREPARATION

2.A. UNIFORMLY APPLY GROUND LIMESTONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED, ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS THOSE OFFERED BY RUTGERS COOPERATIVE EXTENSION. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS COOPERATIVE EXTENSION OFFICES (HTTP://NJAES.RUTGERS.EDU/COUNTY/). FERTILIZER SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE AND INCORPORATED INTO THE SURFACE 4 INCHES. IF FERTILIZER IS NOT INCORPORATED, APPLY ONE-HALF THE RATE DESCRIBED ABOVE DURING SEEDBED PREPARATION AND REPEAT ANOTHER ONE-HALF RATE APPLICATION OF THE SAME FERTILIZER WITHIN 3 TO 5 WEEKS AFTER SEEDING.

2.B. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEEDBED IS PREPARED.

2.C. HIGH ACID PRODUCING SOILS HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE BEFORE INITIATING SEEDBED PREPARATION. SEE STANDARD FOR MANAGEMENT OF HIGH ACID-PRODUCING SOILS FOR SPECIFIC REQUIREMENTS.

3. SEEDING

3.A. SELECT A MIXTURE FROM BELOW OR USE A MIXTURE RECOMMENDED BY RUTGERS COOPERATIVE EXTENSION OR NATURAL RESOURCES CONSERVATION SERVICE WHICH IS APPROVED BY THE SOIL CONSERVATION DISTRICT. SEED GERMINATION SHALL HAVE BEEN TESTED WITHIN 12 MONTHS OF THE PLANTING DATE. NO SEED SHALL BE ACCEPTED WITHIN A GERMINATION TEST DATE MORE THAN 12 MONTHS OLD UNLESS RETESTED.

WATERWAY MIX

- STRONG, CREEPING RED FESCUE AT 130 POUNDS/ACRE OR 3 POUNDS/1000 SQ.FT.; OPTIMUM SEEDING DATES: 8/15-10/15, ACCEPTABLE SEEDING DATES: 3/1-4/30 & 5/1-8/14*
- KENTUCKY BLUEGRASS AT 50 POUNDS/ACRE OR 1 POUND/1000 SQ.FT.; OPTIMUM SEEDING DATES 8/15-10/15, ACCEPTABLE SEEDING DATES: 3/1-4/30 & 5/1-8/14*
- PERENNIAL RYEGRASS AT 20 POUNDS/ACRE OR 0.5 POUNDS/1000 SQ.FT.; OPTIMUM SEEDING DATES 8/15-10/15, ACCEPTABLE SEEDING DATES: 3/1-4/30 & 5/1-8/14*

OR, REDTOP AT 10 POUNDS/ACRE OR 0.05 POUNDS/1000 SQ.FT PLUS WHITE CLOVER AT 5 POUNDS/ACRE OR 0.1 POUNDS/1000 SQ.FT.; OPTIMUM SEEDING DATES 8/15-10/15, ACCEPTABLE SEEDING DATES: 3/1-4/30 & 5/-8/14

GENERAL LAWN/RECREATION

- BLEND OF HARD FESCUE AND/OR CHEWING FESCUE AND/OR STRONG CREEPING RED FESCUE AT 175 POUNDS/ACRE OR 4 POUNDS/1000 SQ.FT. WITH PERENNIAL RYEGRASS AT 45 POUNDS/ACRE OR 1 POUND/ACRE PLUS KENTUCKY BLUEGRASS BLEND AT 45 POUNDS/ACRE OR 1 POUND/1000 SQ.FT.; OPTIMUM SEEDING DATES 8/15-10/15, ACCEPTABLE SEEDING DATES: 3/1-4/30 & 5/1-8/14*

* IF THE SITE IS IRRIGATED

A. SEEDING RATES SPECIFIED ARE REQUIRED WHEN A REPORT OF COMPLIANCE IS REQUESTED PRIOR TO ACTUAL ESTABLISHMENT OF PERMANENT VEGETATION. UP TO 50% REDUCTION IN RATES MAY BE USED WHEN PERMANENT VEGETATION IS ESTABLISHED PRIOR TO A REPORT OF COMPLIANCE INSPECTION. THESE RATES APPLY TO ALL METHODS OF SEEDING. ESTABLISHING PERMANENT VEGETATION MEANS 80% VEGETATION COVERAGE WITH THE SPECIFIED SEED MIXTURE FOR THE SEEDED AREA AND MOWED ONCE.

B. WARM SEASON MIXTURES ARE GRASSES AND LEGUMES WHICH MAXIMIZE GROWTH AT HIGH TEMPERATURES, GENERALLY 85 DEGREES F AND ABOVE. SEE TABLE 4-3 IN SSESCNJ, MIXTURES 1 TO 7. PLANTING RATES FOR WARM SEASON GRASSES SHALL BE THE AMOUNT OF PURE LIVE SEED (PLS) AS DETERMINED BY GERMINATION TESTING RESULTS.

C. COOL SEASON MIXTURES ARE GRASSES AND LEGUMES WHICH MAXIMIZE GROWTH AT TEMPERATURES BELOW 85 DEGREES F. MANY GRASSES BECOME ACTIVE AT 65 DEGREES F. SEE TABLE 4-3 IN SSECNJ, MIXTURES 8-20. ADJUSTMENT OF PLANTING RATES TO COMPENSATE FOR THE AMOUNT OF PLS IS NOT REQUIRED FOR COOL SEASON GRASSES.

4. MULCHING - SEE PARAGRAPH 4 UNDER TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION

5. IRRIGATION (WHERE FEASIBLE)

IF SOIL MOISTURE IS DEFICIENT, AND MULCH IS NOT USED, SUPPLY NEW SEEDINGS WITH ADEQUATE WATER (A MINIMUM OF ½ INCH TWICE A DAY UNTIL VEGETATION IS WELL ESTABLISHED). THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE IN ABNORMALLY DRY OR HOT WEATHER OR ON DROUGHTY SITES.

6. TOPDRESSING

SINCE SLOW RELEASE NITROGEN FERTILIZER (WATER INSOLUBLE) IS PRESCRIBED IN SECTION 2. A SEEDBED PREPARATION, NO FOLLOW-UP OF TOPDRESSING IS MANDATORY. AN EXCEPTION MAY BE MADE WHERE GROSS NITROGEN DEFICIENCY EXISTS TO THE EXTENT THAT TURF FAILURE MAY DEVELOP. IN THAT INSTANCE, TOPDRESS WITH 10-20-10 OR EQUIVALENT AT 300 POUNDS PER ACRE OR 7 POUNDS PER 1,000 SQUARE FEET EVERY 3 TO 5 WEEKS UNTIL THE GROSS NITROGEN DEFICIENCY IN THE TURF IS AMELIORATED.

7. ESTABLISHING PERMANENT VEGETATIVE STABILIZATION

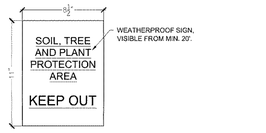
THE QUALITY OF PERMANENT VEGETATION RESTS WITH THE CONTRACTOR. THE TIMING OF SEEDING, PREPARING THE SEEDBED, APPLYING NUTRIENTS, MULCH AND OTHER MANAGEMENT ARE ESSENTIAL. THE SEED APPLICATION RATES IN TABLE 4-3, SSESCNJ ARE REQUIRED WHEN A REPORT OF COMPLIANCE IS REQUESTED PRIOR TO ACTUAL ESTABLISHMENT OF PERMANENT VEGETATION. UP TO 50% REDUCTION IN APPLICATION RATES MAY BE USED WHEN PERMANENT VEGETATION IS ESTABLISHED PRIOR TO REQUEST A REPORT OF COMPLIANCE FROM THE DISTRICT. THESE RATES APPLY TO ALL METHODS OF SEEDING. ESTABLISHING PERMANENT VEGETATION MEANS 80% VEGETATIVE COVER (OF THE SEEDED SPECIES) AND MOWED ONCE. NOTE THIS DESIGNATION OF MOWED ONCE DOES NOT GUARANTEE THE PERMANENCY OF THE TURF SHOULD THE OTHER MAINTENANCE FACTORS BE NEGLECTED OR OTHERWISE MISMANAGED.

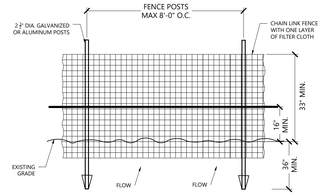
D. STANDARD FOR TOPSOILING

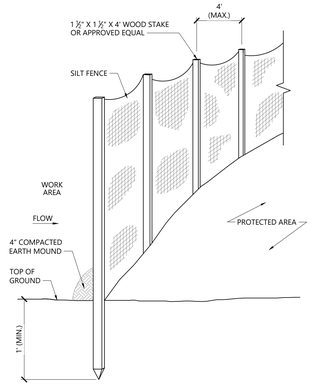
1. MATERIALS

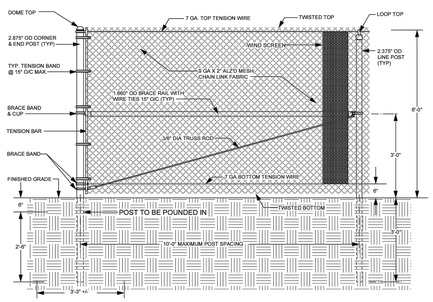
1.A. TOPSOIL SHOULD BE FRIABLE (1*), LOAMY (2*), FREE OF DEBRIS, OBJECTIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE OR ADVERSE CHEMICAL OR PHYSICAL CONDITION THAT MAY BE HARMFUL TO PLANT GROWTH. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIMHOS PER CENTIMETER. MORE THAN 0.5 MILLIMHOS MAY DESICCATE SEEDLINGS AND ADVERSLY IMPACT GROWTH). IMPORTED TOPSOIL SHALL HAVE A MINIMUM ORGANIC MATTER CONTENT OF 2.75 PERCENT. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.

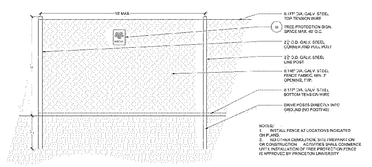
1.B. TOPSOIL SUBSTITUTE IS A SOIL MATERIAL WHICH MAY HAVE BEEN AMENDED WITH SAND, SILT, CLAY, ORGANIC MATTER, FERTILIZER, OR LIME AND HAS THE APPEARANCE OF TOPSOIL. TOPSOIL SUBSTITUTES MAY BE UTILIZED ON SITES WITH INSUFFICIENT TOPSOIL FOR ESTABLISHING PERMANENT VEGETATION. ALL TOPSOIL SUBSTITUTE MATERIALS SHALL MEET THE REQUIREMENTS OF TOPSOIL NOTES ABOVE. SOIL TESTS SHALL BE PERFORMED TO DETERMINE THE COMPONENTS OF SAND, SILT, CLAY, ORGANIC MATTER, SOLUBLE SAL

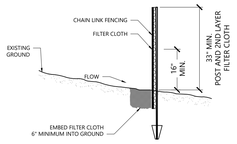












NOTES

1. PLACE SILT FENCE SCD MEASURE AT THE BOTTOM OF SLOPES AND AT LOCATIONS OF CONCENTRATED FLOW. ADDITIONAL LOCATIONS IF REQUIRED SHALL BE DETERMINED IN THE FIELD WITH THE ENGINEER.
2. ALL SILT FENCE WILL BE INSPECTED AND REMEDIAL MAINTENANCE PERFORMED BY THE CONTRACTOR WITHIN 24 HOURS AFTER EACH RAIN

NOTES

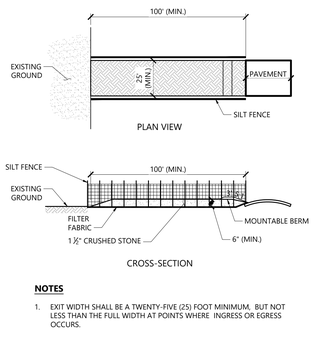
1. ALL PIPE TO BE SCHEDULE 40.
2. FENCE FABRIC TO BE ALUMINIZED.
3. POST WITH SHOES AND BLADES.
4. PROVIDE LOCKABLE GATES AS REQUIRED PER SPECIFICATIONS PART 1.16.A.
5. FENCE MEETS APPLICABLE LOCAL CODES, INCLUDING WIND LOAD REQUIREMENTS PER INTERNATIONAL BUILDING CODE SECTION 1609.3.

Tree Protection Fence
1/16
N.T.S. Source: JCFO

Super Silt Fence
N.T.S. Source: MCSCD

Silt Fence
N.T.S. Source: VHB LD_655

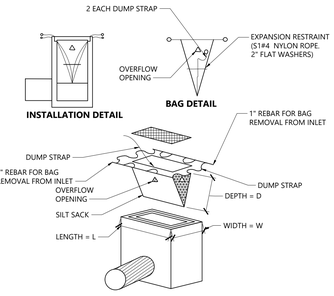
Chain Link Construction Fence
N.T.S. Source: Vollers (Submittal 015000-001)



NOTES

1. EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
3. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.
4. STABILIZED CONSTRUCTION EXIT SHALL BE REMOVED PRIOR TO FINAL FINISH MATERIALS BEING INSTALLED.

Stabilized Construction Exit
1/16
N.T.S. Source: VHB LD_682



NOTE

1. THE DIAGRAM BEFORE CONFORMS TO THE 2014 REVISED STANDARDS FOR SESC IN NJ.

Inlet Protection - Silt Sack
7/17
N.T.S. Mercer County Soil Conservation District

Soil De-compaction and Testing Requirements

Soil Compaction Testing Requirements

1. Subgrade soils **prior to the application of topsoil** (see permanent seeding and stabilization notes for topsoil requirements) shall be free of excessive compaction to a depth of 6.0 inches to enhance the establishment of permanent vegetative cover.

2. Areas of the site which are subject to compaction testing and/or mitigation are **graphically denoted** on the certified soil erosion control plan.

3. **Compaction testing locations** are denoted on the plan. A copy of the plan or portion of the plan shall be used to mark locations of tests, and attached to the compaction mitigation verification form, available from the local soil conservation district. This form must be filled out and submitted prior to receiving a certificate of compliance from the district.

4. In the event that testing indicates compaction in excess of the maximum thresholds indicated for the simplified testing methods (see details below), the contractor/owner shall have the option to perform either (1) compaction mitigation over the entire mitigation area denoted on the plan (excluding exempt areas), or (2) perform additional, more detailed testing to establish the limits of excessive compaction whereupon only the excessively compacted areas would require compaction mitigation. Additional detailed testing shall be performed by a trained, licensed professional.

Compaction Testing Methods

A. Probing Wire Test (see detail)
B. Hand-held Penetrometer Test (see detail)
C .Tube Bulk Density Test (licensed professional engineer required
D. Nuclear Density Test (licensed professional engineer required)

Note: Additional testing methods which conform to ASTM standards and specifications, and which produce a dry weight, soil bulk density measurement may be allowed subject to District approval.

Soil compaction testing is not required if/when subsoil compaction remediation (scarification/tillage (6" minimum depth) or similar) is proposed as part of the sequence of construction.

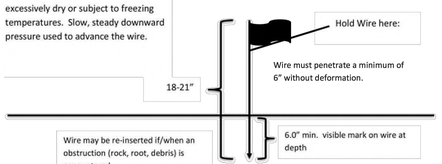
Procedures for Soil Compaction Mitigation

Procedures shall be used to mitigate excessive soil compaction **prior to placement of topsoil** and establishment of permanent vegetative cover.

Restoration of compacted soils shall be through deep scarification/tillage (6" minimum depth) where there is no danger to underground utilities (cables, irrigation systems, etc.). In the alternative, another method as specified by a New Jersey Licensed Professional Engineer maybe substituted subject to District Approval.

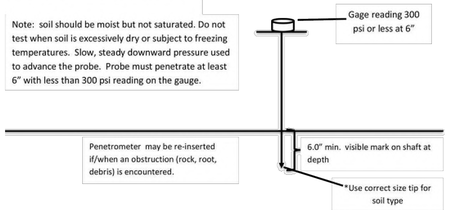
Probing Wire Test- 15.5 ga steel wire (survey flag)

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the wire.



Handheld Soil Penetrometer Test

Note: soil should be moist but not saturated. Do not test when soil is excessively dry or subject to freezing temperatures. Slow, steady downward pressure used to advance the probe. Probe must penetrate at least 6" with less than 300 psi reading on the gauge.

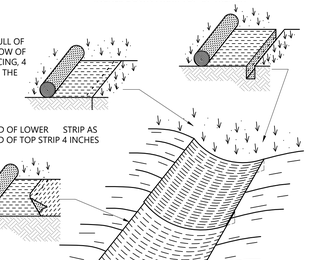


Simplified Testing Methods
Retrieved 7/20/21
No Scale Source: NJ Department of Agriculture (https://www.nj.gov/agriculture/divisions/anr/pdf/soil compaction standard notes on plan.docx)

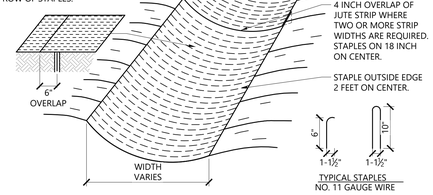
A. BURY THE TOP END OF THE JUTE STRIPS IN A TRENCH 6 INCHES OR MORE IN DEPTH. SECURE WITH ROW OF STAPLES IN VERTICAL TRENCH WALL, 6 INCH SPACING, 4 INCHES DOWN FROM TOP OF TRENCH

B. TAMP THE TRENCH FULL OF SOIL. SECURE WITH ROW OF STAPLES, 6 INCH SPACING, 4 INCHES DOWN FROM THE TRENCH.

C. OVERLAP - BURY UPPER END OF LOWER STRIP AS IN 'A' AND 'B'. OVERLAP END OF TOP STRIP 4 INCHES AND STAPLE.

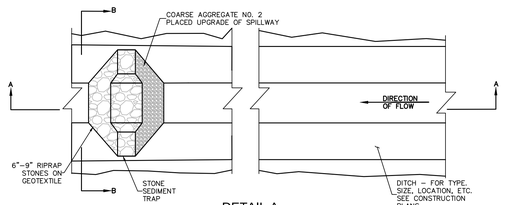


D. EROSION STOP - FOLD OF JUTE BURIED IN SLIT TRENCH AND TAMPED; DOUBLE ROW OF STAPLES.

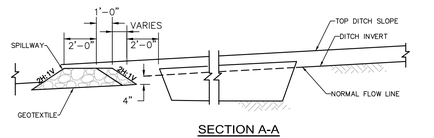


* INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS

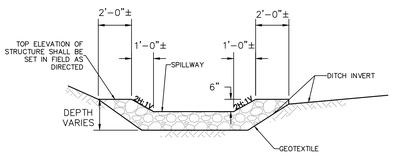
Erosion Control Blanket Swale Installation
1/16
N.T.S. Source: VHB REV LD_681



DETAIL A

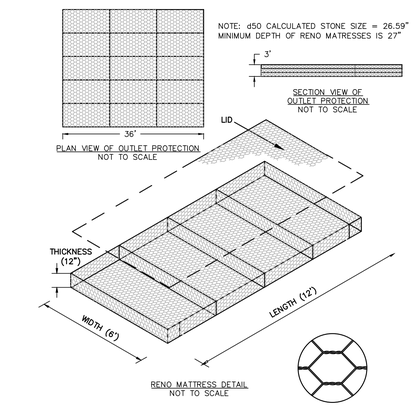


SECTION A-A



SECTION B-B

STONE SEDIMENT TRAP DETAIL



NOTES:

1. THE WIRE MESH STRUCTURES ARE NOT EXPOSED TO ABRASION FROM SAND OR GRAVEL TRANSPORTED BY MOVING WATER.
2. PLASTIC COATED WIRE SHALL BY USED.
3. ALL WIRE MESH STRUCTURES PLACED AGAINST THE BOTTOM OF A CHANNEL SHALL BE UNDERLAIN BY GEOTEXTILE OR A GRAVEL FILTER DESIGNED ACCORDING TO THE LIMITS OUTLINED IN TABLE 22-1.
4. WIRE MESH "MATTRESS" STRUCTURES SHALL BE FILLED WITH 4" TO 7" CLEANED, ANGULAR BLOCK SHAPED ROCK AND SHALL BE BLACK PVC COATED. STONE SHALL BE PLACED IN 6" LIFTS AND COMPACTED BETWEEN LIFTS.

Reno Mattress
N.T.S. Source: Nitsch Engineering

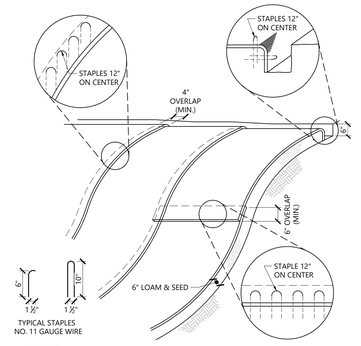
1. *Protecting Trees from Construction Damage- A Homeowners Guide*, Gary R. Johnson, University Of Minnesota Extension Service, Saint Paul, MN, 1999.

Root Protection During Construction
N.T.S. Source: Standards for Soil Erosion and Sediment Control in New Jersey

NOTE

1. BAG TO BE USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. BAG MAY BE SURROUNDED BY STAKED HAY BALES OR SILT FENCE TO ENHANCE SEDIMENT CAPTURE.
3. BAG MUST BE LOCATED AWAY FROM RECEIVING WATERS AND/OR CONSTRUCTION ACTIVITIES.

Dewatering Filter Bag
1/16
N.T.S. Source: VHB LD_691



NOTES

1. BEGIN AT THE TOP OF BLANKET INSTALLATION AREA BY ANCHORING BLANKET IN A 6" DEEP TRENCH BACKFILL AND COMPACT TRENCH AFTER STAPLING.
2. ROLL THE BLANKET DOWN THE SWALE IN THE DIRECTION OF THE WATER FLOW.
3. THE EDGES OF BLANKETS MUST BE STAPLED WITH APPROX. 4 INCH OVERLAP WHERE 2 OR MORE STRIP WIDTHS ARE REQUIRED.
4. WHEN BLANKETS MUST BE SPLICED DOWN THE SWALE, PLACE UPPER BLANKET END OVER LOWER END WITH 6 INCH (MIN.) OVERLAP AND STAPLE BOTH TOGETHER.
5. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
6. EROSION CONTROL BLANKETS SHALL BE USED IN ALL AREAS WHERE SLOPES EXCEED 3:1.

Erosion Control Blanket Slope Installation
10/20
N.T.S. Source: VHB LD_680

Stone Check Dam
N.T.S. Source: Sasaki

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West Windsor, NJ 08540

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Vladimir Wojno-Ordonez
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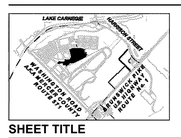
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

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I/R	DATE	DESCRIPTION

KEY PLAN



SHEET TITLE

EROSION AND SEDIMENT CONTROL DETAILS

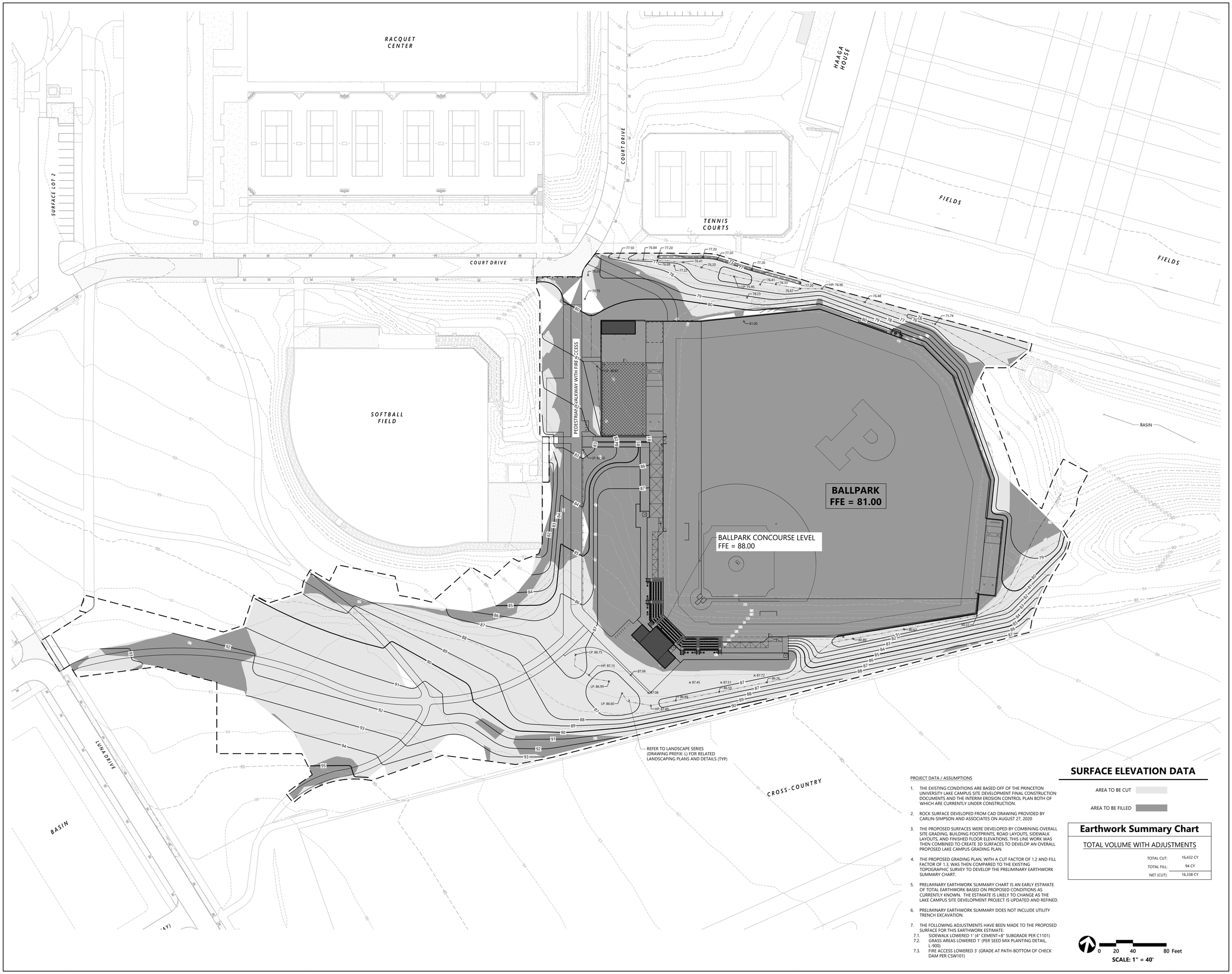
SHEET NUMBER

C-902

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Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\gov\NewYorkCity\23301.00 Princeton Baseball\cad\dt\Planset\04-Construction Documents\23301.00-ER.dwg

ARCH E1 30" x 42"



PROJECT DATA / ASSUMPTIONS

1. THE EXISTING CONDITIONS ARE BASED OFF OF THE PRINCETON UNIVERSITY LAKE CAMPUS SITE DEVELOPMENT FINAL CONSTRUCTION DOCUMENTS AND THE INTERIM EROSION CONTROL PLAN BOTH OF WHICH ARE CURRENTLY UNDER CONSTRUCTION.
2. ROCK SURFACE DEVELOPED FROM CAD DRAWING PROVIDED BY CARLIN-SIMPSON AND ASSOCIATES ON AUGUST 27, 2020
3. THE PROPOSED SURFACES WERE DEVELOPED BY COMBINING OVERALL SITE GRADING, BUILDING FOOTPRINTS, ROAD LAYOUTS, SIDEWALK LAYOUTS, AND FINISHED FLOOR ELEVATIONS. THIS LINE WORK WAS THEN COMBINED TO CREATE 3D SURFACES TO DEVELOP AN OVERALL PROPOSED LAKE CAMPUS GRADING PLAN.
4. THE PROPOSED GRADING PLAN, WITH A CUT FACTOR OF 1.2 AND FILL FACTOR OF 1.3, WAS THEN COMPARED TO THE EXISTING TOPOGRAPHIC SURVEY TO DEVELOP THE PRELIMINARY EARTHWORK SUMMARY CHART.
5. PRELIMINARY EARTHWORK SUMMARY CHART IS AN EARLY ESTIMATE OF TOTAL EARTHWORK BASED ON PROPOSED CONDITIONS AS CURRENTLY KNOWN. THE ESTIMATE IS LIKELY TO CHANGE AS THE LAKE CAMPUS SITE DEVELOPMENT PROJECT IS UPDATED AND REFINED.
6. PRELIMINARY EARTHWORK SUMMARY DOES NOT INCLUDE UTILITY TRENCH EXCAVATION.
7. THE FOLLOWING ADJUSTMENTS HAVE BEEN MADE TO THE PROPOSED SURFACE FOR THIS EARTHWORK ESTIMATE:
   - 7.1. SIDEWALK LOWERED 1' (4" CEMENT+8" SUBGRADE PER C1101)
   - 7.2. GRASS AREAS LOWERED 1' (PER SEED MIX PLANTING DETAIL, L-900)
   - 7.3. FIRE ACCESS LOWERED 3' (GRADE AT PATH-BOTTOM OF CHECK DAM PER CSW101)

SURFACE ELEVATION DATA

AREA TO BE CUT

AREA TO BE FILLED

Earthwork Summary Chart

TOTAL VOLUME WITH ADJUSTMENTS

TOTAL CUT:	16,432 CY
TOTAL FILL:	94 CY
NET (CUT):	16,338 CY

0 20 40 80 Feet

SCALE: 1" = 40'

Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\nfs.com\gbl\groups\NewYork\City\22301.00 Princeton Baseball\cad\id\Planset\04-Construction Documents\22301.00-CF.dwg

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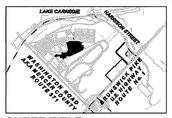
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KEY PLAN



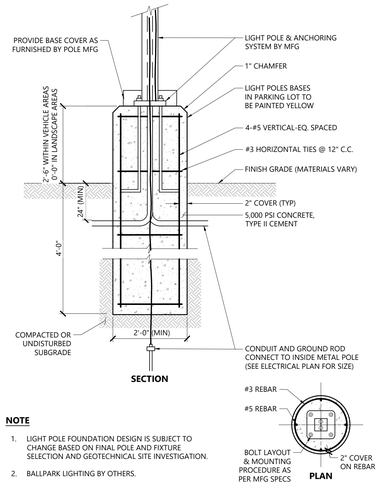
SHEET TITLE

SITE CUT/FILL PLAN

SHEET NUMBER

C-1000

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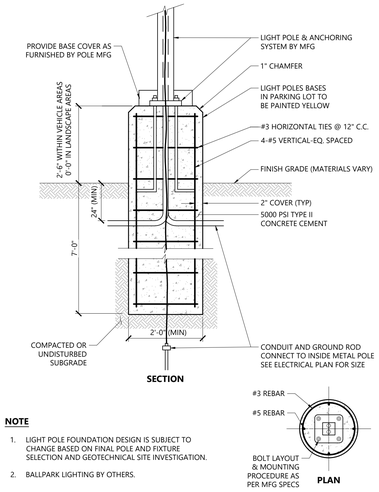


NOTE

1. LIGHT POLE FOUNDATION DESIGN IS SUBJECT TO CHANGE BASED ON FINAL POLE AND FIXTURE SELECTION AND GEOTECHNICAL SITE INVESTIGATION.
2. BALLPARK LIGHTING BY OTHERS.

Light Pole Foundation Detail (Up to 15' Pole) 1/16

N.T.S. Source: VHB REV LD_310A

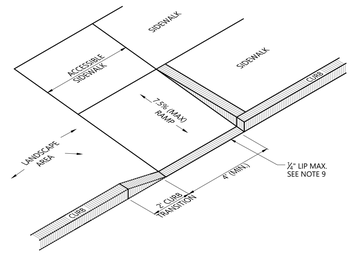


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2. BALLPARK LIGHTING BY OTHERS.

Light Pole Foundation Detail (Up to 40' Pole) 1/16

N.T.S. Source: VHB REV LD_310

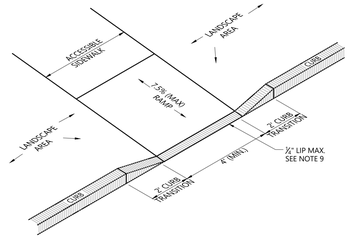


NOTES

1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN.).
2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5%.
3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMPS SHALL BE 7.5%.
4. A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.).
5. CURB TREATMENT VARIES, SEE PLANS FOR CURB TYPE.
6. RAMP, CURB AND ADJACENT PAVEMENTS SHALL BE GRADED TO PREVENT PONDING.
7. SEE TYPICAL SIDEWALK SECTION FOR RAMP CONSTRUCTION.
8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 4' x 4' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
9. ELIMINATE CURBING (OTHER THAN VERTICAL CURBING, WHICH SHALL BE SET FLUSH) WHERE IT ABUTS ROADWAYS.

Accessible Curb Ramp (ACR) Type 'M1' 1/16

N.T.S. Source: VHB REV LD_512a

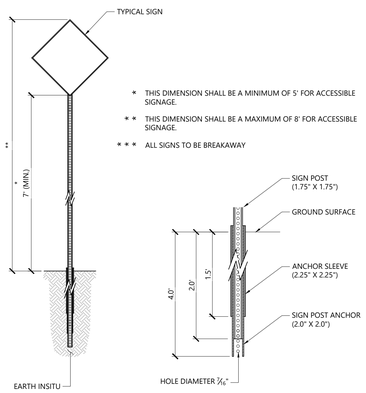


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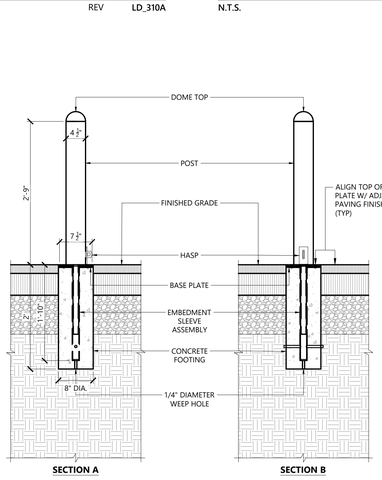
Accessible Curb Ramp (ACR) Type 'M' 1/16

N.T.S. Source: VHB REV LD_512



Sign Post - Type 'B' 1/16

N.T.S. Source: VHB REV LD_702

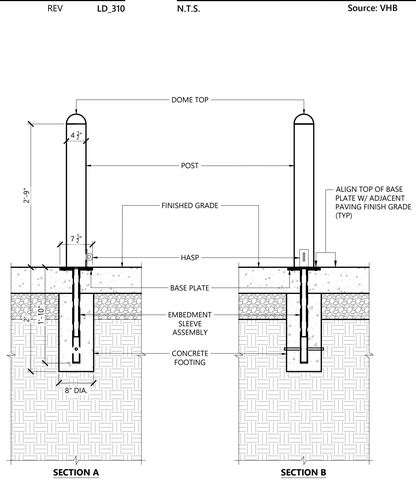


NOTE

REFER TO LANDSCAPE FURNISHINGS SPECIFICATION FOR ADDITIONAL INFORMATION.

Site Bollard [SB] on Asphalt - Typical Section 8/20

N.T.S. Source: JCFO

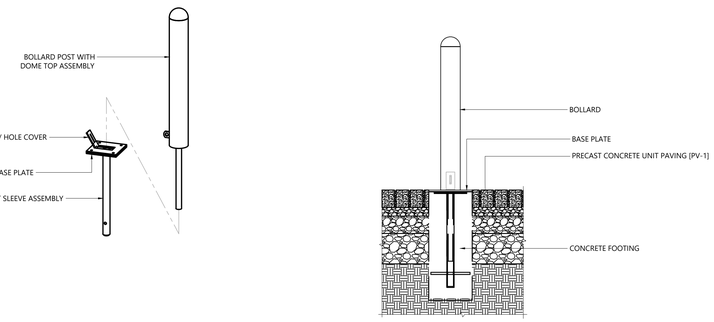


NOTE

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Site Bollard [SB] on Concrete - Typical Section 8/20

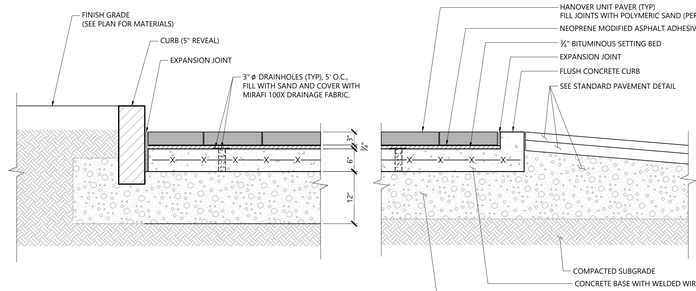
N.T.S. Source: JCFO



AXON

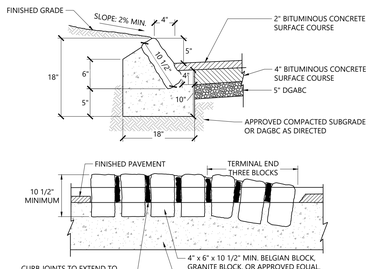
Site Bollard [SB] on Paver - Typical Section 9/30/24

N.T.S. Source: JCFO



Pavers on Concrete Base at Crosswalk 1/21

N.T.S. Source: VHB

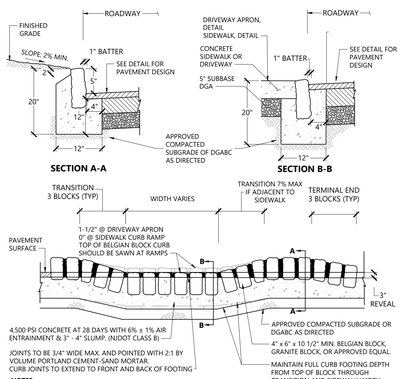


NOTES

1. CONSTRUCT FULL DEPTH FOOTING AT CURB DEPRESSIONS SIMILAR TO DETAILS RD-B: 1 1/2" FINISHED CURB REVEAL AT DRIVEWAYS 1/2" FINISHED REVEAL AT SIDEWALK RAMPS.
2. JOINTS TO BE CLEANED AND DAMP PRIOR TO POINTING. JOINTS TO BE 3/4" WIDE MAX. AND POINTED WITH 2:1 (LESS SHRINKAGE) BY VOLUME PORTLAND CEMENT-SAND MORTAR.
3. MEASURES SHALL BE PROVIDED BY THE CONTRACTOR TO MAINTAIN THE CONCRETE TEMPERATURE BETWEEN 40°F AND 80°F DURING "COLD WEATHER" PERIODS.
4. FINISHED CURB SHALL NOT VARY FROM PRESCRIBED LINE AND GRADE MODE THAN 1/4" AT ANY POINT.
5. ALL NEW CURB ON PRIVATE PROPERTY AND IN THE TOWNSHIP RIGHT OF WAY SHALL BE BELGIAN BLOCK UNLESS DIRECTED BY THE ENGINEER.
6. ASPHALT SHALL NOT BE USED TO SET FORMS FOR CURBING.
7. FORMS FOR THE CURBING ARE TO BE FULL SIZE 16" FOR THE BACK OF THE CURB AND 11" FOR THE FRONT OF THE CURB.
8. FULL SIZE BLOCKS ARE TO BE USED AT THE TERMINAL ENDS OF THE CURB. BROKEN OR CUT BLOCKS WILL NOT BE PERMITTED.

Laidback Belgian Curb 9/18

N.T.S. Source: Princeton, NJ Engineering Dept.



NOTES

1. INSPECTION: THE MUNICIPAL ENGINEER MAY INSPECT ALL WORK
   A. CONTACT THE ENGINEER TO SCHEDULE AN INSPECTION(S) PRIOR TO: POURING CONCRETE - ENGINEER TO INSPECT ALL FORMWORK.
   B. PROVIDE THE ENGINEER COPY(S) OF DELIVERY TICKETS FOR ALL REDI-MIX MATERIALS. TICKET SHALL STATE MATERIAL(S) NAME AND WEIGHT(S).
2. STONE MATERIALS:
   A. BELGIAN BLOCK - QUALITY SPLIT, GRAY COLOR (MATCH EXISTING), ROUGH (SPLIT) FACE ON ALL SIDES.
   B. USE FULL SIZE BLOCKS AT ALL LOCATIONS. BROKEN BLOCKS WILL NOT BE PERMITTED.
3. SUBGRADE - UNSUITABLE / UNSTABLE SUBGRADE TO BE REMOVED AND REPLACED WITH APPROVED MATERIAL.
4. FORMS - USED FOR ALL FACES OF CURB. FORM(S) SHALL BE THE FULL DEPTH OF CONCRETE.
5. JOINTS - CLEAN AND DAMPEN JOINTS PRIOR TO POINTING.
6. GRADE - FINISHED CURB SHALL NOT VARY FROM PRESCRIBED LINE AND GRADE MORE THAN 1/4" AT ANY POINT.
7. COLD WEATHER PERIODS - CONTRACTOR SHALL PROVIDE MEASURES TO MAINTAIN THE CONCRETE TEMPERATURE BETWEEN 40°F AND 80°F.

Belgian Block Curb 9/18

N.T.S. Source: Princeton, NJ Engineering Dept.

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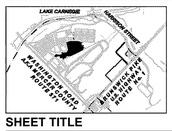
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SHEET TITLE

CONSTRUCTION DETAILS 1

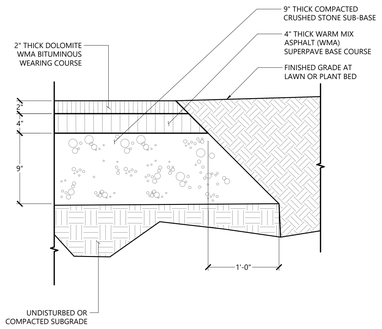
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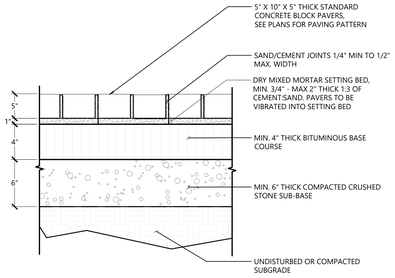
ARCH E1 30" x 42"
Last Plotted: 2026-02-10 By: Chris DiSarcina
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ARCH E1 30" x 42"



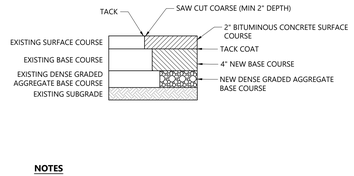
Vehicular Asphalt

N.T.S. Source: Princeton Universtity



Vehicle Rated Pavers

N.T.S. Source: Princeton Universtity



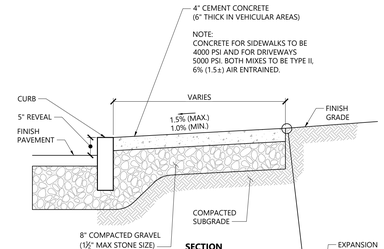
NOTES

1. ALL STEP BACKS IN BITUMINOUS CONCRETE SHALL BE A MINIMUM OF 6".
2. KEY DETAIL REPRESENTS EXISTING ASPHALT.

Pavement Key Detail

1/16

N.T.S. Source: Princeton, NJ Engineering Dept.



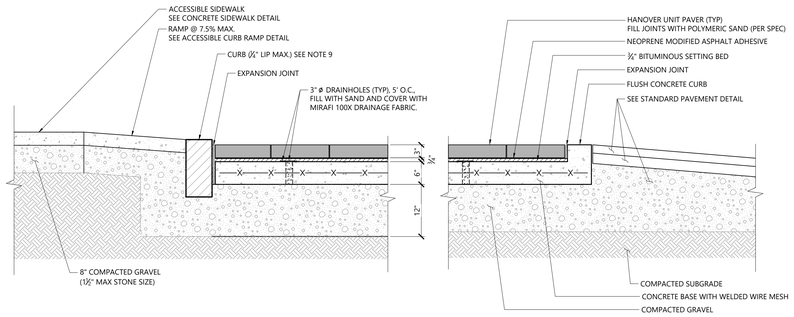
NOTES

1. PROVIDE EXPANSION JOINTS
2. AT MIN. 30 FT. O.C. WITH PRE-FORMED JOINT FILLER.
3. PROVIDE TOOLED CONTROL JOINTS AT 6' O.C.
4. PROVIDE BROOM FINISH IN DIRECTION PERPENDICULAR TO CURB.

Concrete Sidewalk

1/16

N.T.S. Source: VHB REV LD_420



ACCESSIBLE CURB RAMP NOTES

1. THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN.).
2. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5%.
3. THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMPS SHALL BE 7.5%.
4. A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED AT ANY PERMANENT OBSTACLE IN ACCESSIBLE ROUTE (I.E., HYDRANTS, UTILITY POLES, TREE WELLS, SIGNS, ETC.).
5. CURB TREATMENT VARIES, SEE PLANS FOR CURB TYPE.
6. RAMP, CURB AND ADJACENT PAVEMENTS SHALL BE GRADED TO PREVENT PONDING.
7. SEE TYPICAL SIDEWALK SECTION FOR RAMP CONSTRUCTION.
8. WHERE ACCESSIBLE ROUTES ARE LESS THAN 5' IN WIDTH (EXCLUDING CURBING) A 4' x 4' PASSING AREA SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 200 FEET.
9. ELIMINATE CURBING (OTHER THAN VERTICAL CURBING, WHICH SHALL BE SET FLUSH) WHERE IT ABUTS ROADWAYS.

Pavers on Concrete Base at Accessible Curb Ramp

1/21

N.T.S. Source: VHB

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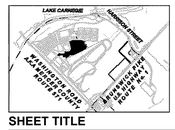
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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KEY PLAN



SHEET TITLE

CONSTRUCTION DETAILS 2

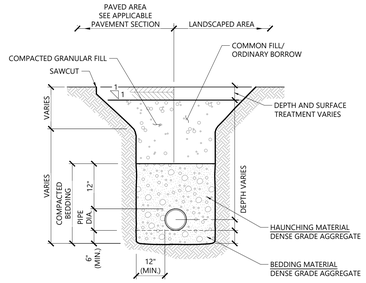
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ARCH E1 30" x 42"



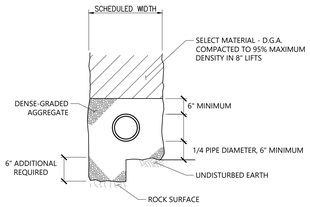
NOTES

1. WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
2. USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.
3. SEE GEO-EXCHANGE DRAWINGS FOR ADDITIONAL TRENCH DETAILS AND MINIMUM SEPARATION DISTANCE BETWEEN PIPES.
4. FOR 48" HDPE PIPE AND SMALLER MINIMAL GRAVEL DEPTH FROM THE TOP OF THE PIPE TO BOTTOM OF BITUMINOUS IS 12 INCHES.

Utility Trench

1/16

N.T.S. Source: VHB LD_300

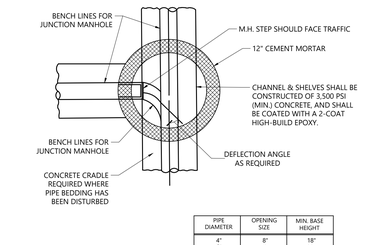


TRENCH WIDTH SCHEDULE										
PIPE DIAMETER	4", 6", 8", 10", 12"	15"	18"	21"	24"	27"	30"	36"	42"	48"
TRENCH WIDTH	3'-0"	3'-6"	3'-6"	4'-0"	4'-0"	4'-6"	4'-6"	5'-6"	6'-6"	7'-0"

Sanitary Sewer Embedment Detail

1/16

N.T.S. Source: VHB



PIPE DIAMETER	OPENING SIZE	MIN. BASE HEIGHT
4"	8"	18"
6"	12"	22"
8"	16"	26"
10"	18"	28"
12"	20"	30"

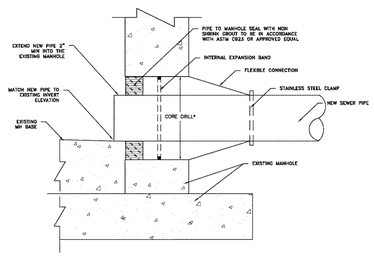
NOTES

1. 5'-6" DIA. MANHOLE CONSTRUCTION SHALL BE SIMILAR WITH THE ADDITION OF A TAPER SECTION TO ADAPT TO A STD 4' DIA. CONE SECTION.
2. MINIMUM HEIGHT OF 5'-6" DIA. SECTIONS SHALL BE 6' ABOVE CROWN OF PIPE.
3. WALL THICKNESS FOR 5' DIA. SECTIONS SHALL BE 6" WALL THICKNESS FOR 6' DIA. SECTIONS SHALL BE 7".

Sanitary Sewer Manhole Base

1/16

N.T.S. Source: VHB



CONNECTION TO EXISTING MANHOLE

NOTES:
1. CORE DRILL NEW PIPE OPENING.
2. INSERT NEW FLEXIBLE CONNECTOR.
3. AFTER INSERTION OF NEW PIPE, MANHOLE SHALL BE VACUUM TESTED IN ACCORDANCE WITH SPECIFICATIONS.

* BRICK MANHOLES CAN NOT BE CORE DRILLED

Sanitary Sewer Connection to Existing Manhole

MSG-WW-12

N.T.S. Source: American Water

Sanitary Sewer Cleanout - Paved Area

1/16

N.T.S. VHB

NOTES

1. STRUCTURES SHALL BE PRECAST CONCRETE, DESIGNED FOR HS-20 LOADING.
2. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.
3. INTERIOR SURFACES TO BE COATED WITH 2-COAT APPLICATION OF A 2-COMPONENT CATALYZED HIGH BUILD EPOXY MATERIAL. (MIN 10 MIL THICKNESS)
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
5. STANDARD SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CONCRETE BRICK AND MORTAR (2 BLOCK OR BRICK COURSES MAXIMUM. IF BRICK IS USED IT MUST BE TWO WYTHES)

Sanitary Sewer Manhole (SMH)

1/16

N.T.S. Source: VHB LD_200

NOTES

1. MATERIAL: GRAY CAST IRON, ASTM A48-83 CLASS 35B;
2. AASHTO HS25 HIGHWAY LOADING;
3. BEARING SURFACE AT SEAT OF COVER AND FRAME SHALL BE MACHINED FOR UNIFORM FIT;
4. CASTING SHALL BE SUPPLIED WITHOUT SURFACE COATING;
5. CATALOG NUMBER: 1203
6. MADE IN USA.

Heavy Duty Manhole and Frame Cover

1/16

N.T.S. Source: Campbell Foundry

TABLE OF DIMENSIONS										
BENDS	B	C	D	E	F	BENDS	B	C	D	E	F
6" 11 ¼°	8"	15"	12"	24"	12"	6" 45°	8"	30"	12"	24"	14"
6" 22 ½°	"	19"	"	"	13"	6" 90°	"	30"	"	"	27"
8" 11 ¼°	"	20"	"	"	12"	8" 45°	"	30"	"	"	24"
8" 22 ½°	"	22"	"	"	17"	8" 90°	"	38"	"	"	36"
12" 11 ¼°	"	30"	"	"	15"	12" 45°	"	40"	"	"	40"
12" 22 ½°	"	35"	"	"	25"	12" 90°	"	60"	"	"	52"

BENDS

Plan SECTION 1-1

TABLE OF DIMENSIONS										
TEES	G	H	I	J	TEES	G	H	I	J
6"X6"X6"	12"	24"	24"	18"	12"X12"X6"	12"	24"	24"	18"
8"X8"X6"	"	"	"	"	12"X12"X8"	"	"	"	24"
8"X8"X8"	"	"	"	24"	12"X12"X12"	"	36"	"	36"

TEES

PLAN SECTION 2-2

NOTES

1. PROVIDE BLOCKS FOR TAPPING SLEEVES, DEAD ENDS, GATE VALVES, AND VERTICAL BENDS (SAME SIZE AS REQUIRED FOR TEES). PROVIDE ANCHOR RODS AT VERTICAL BENDS AND GATE VALVES.
2. CONCRETE SHALL NOT BE PLACED AGAINST PIPE BEYOND FITTING.
3. CONCRETE SHALL BE 3,000 PSI-TYPE I.

Concrete Thrust Block

1/16

N.T.S. Source: VHB LD_260

NOTES

1. CONCRETE THRUST BLOCKS TO BE USED ONLY WHERE THEY CAN BEAR ON UNDISTURBED EARTH AS SHOWN. USE CLAMPS AND TIE RODS OR OTHER ACCEPTABLE METHOD OF JOINT RESTRAINT WHERE SOIL CONDITIONS PROHIBIT THE USE OF THRUST BLOCKS.
2. HYDRANT IN SIDEWALK AREAS TO BE LOCATED TO PROVIDE MINIMUM CLEAR SIDEWALK PASSAGE WIDTH OF 3 FEET AT HYDRANT.
3. A 36-INCH CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF THE HYDRANT UNLESS OTHERWISE APPROVED BY AUTHORITY HAVING JURISDICTION.

Hydrant Construction

12/18

N.T.S. Source: VHB LD_250

NOTES

1. CONCRETE BASES WILL BE SQUARE FOR BOTH SQUARE AND ROUND COVERS.
2. PROVIDE TEMPORARY BITUMINOUS CONCRETE RAMP (1.5' WIDTH PER 1" OF LIP).
3. UTILITY BOXES ARE TO BE RESET AFTER THE CONSTRUCTION OF THE STABILIZED BASE COURSE.
4. RISER INSERTS WILL NOT BE PERMITTED IN SETTING THE UTILITY BOXES TO GRADE.

Gas and Water Valves, and Util Manhole Cover Detail

N.T.S. Source: VHB

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WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

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KEY PLAN

SHEET TITLE

CONSTRUCTION DETAILS 3

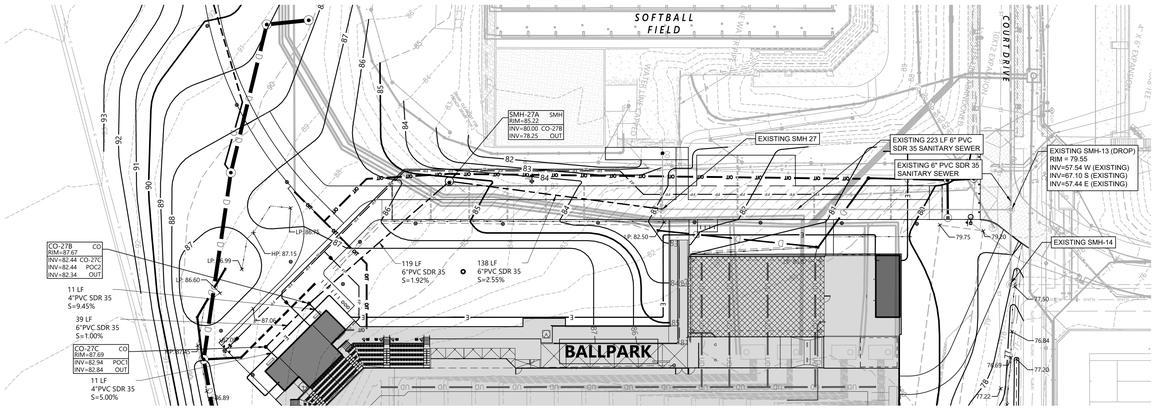
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ARCH E1 30" x 42"



BUILDING POC #1 TO EXISTING SAN. MH 13 (DROP)

Vert. 0 4 8 16 Feet
Horiz. 0 20 40 80 Feet

VERT. SCALE: 1" = 8'
HORIZ. SCALE: 1" = 40'

PENDULUM

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MAJOR SITE PLAN
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BALLPARK

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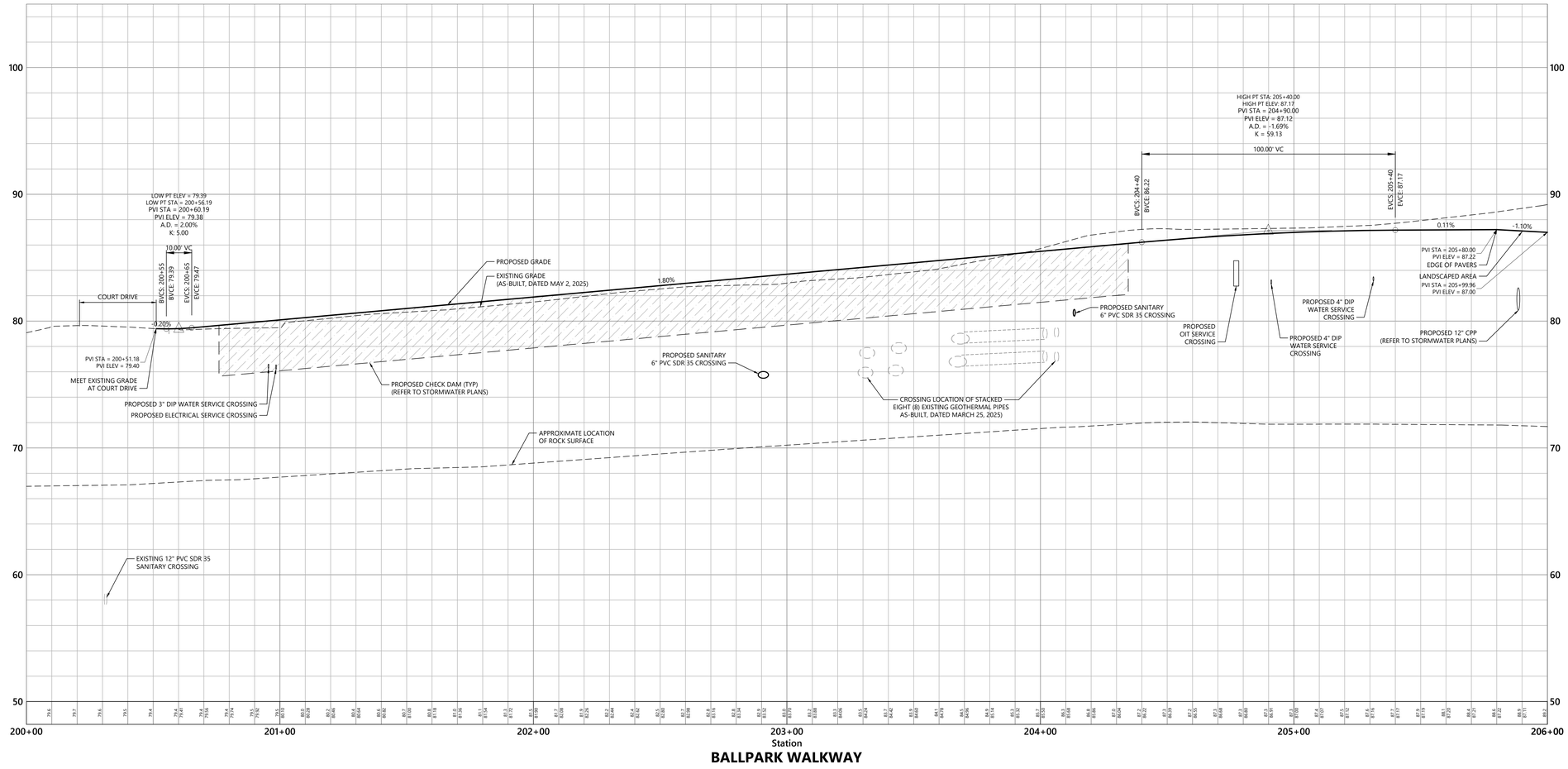
SANITARY PLAN AND PROFILE

SHEET NUMBER

C-1400

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BALLPARK WALKWAY

Vert. 0 2 4 8 Feet

Horiz. 0 10 20 40 Feet

VERT. SCALE: 1" = 4'
HORIZ. SCALE: 1" = 20'

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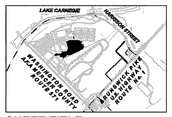
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
7	02-19-2026	Revisions after TRC
6	12-10-2025	Reduced Building Size
5	03-12-2025	Revised per WWT Technical Compliance Review
4	02-05-2025	WWT Resolution Compliance
3	11-22-2024	Issued to DRCC and MCPB
2	10-09-2024	Revised per Technical Review Committee Meeting
1	07-08-2024	WWT Preliminary Final Major Site Plan Application

KEY PLAN



SHEET TITLE

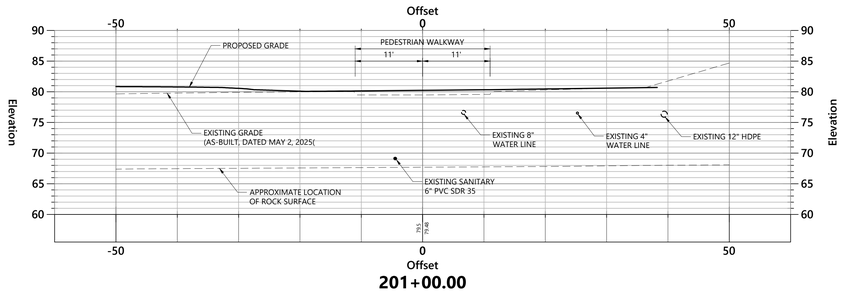
BALLPARK WALKWAY PROFILE

SHEET NUMBER

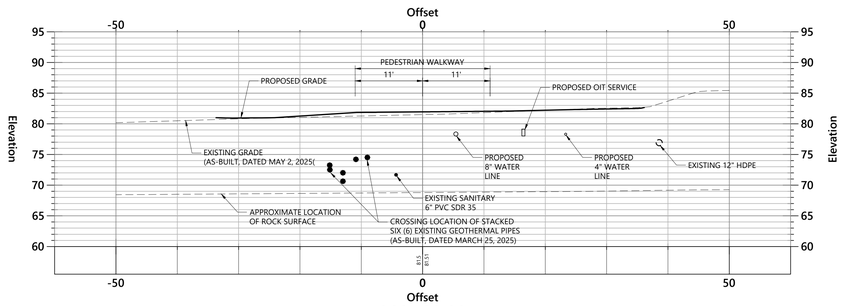
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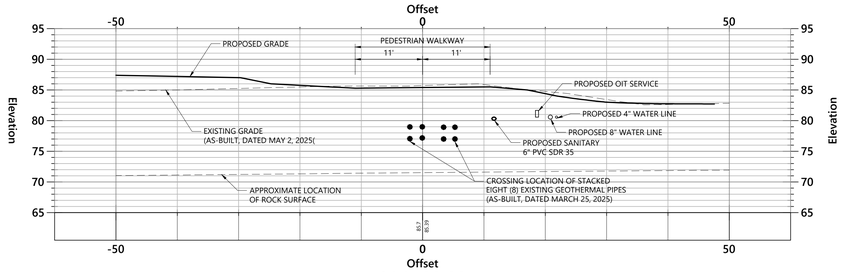
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Filename: \\vhb.com\gbl\proj\NewYork\City\22301.00 Princeton Baseball\cad\dt\Planset\04-Construction Documents\22301.00_PROF.dwg



201+00.00



202+00.00



204+00.00

Vert. 0 5 10 20 Feet

Horiz. 0 5 10 20 Feet

VERT. SCALE: 1" = 10'
HORIZ. SCALE: 1" = 10'

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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Vladimir Wojno-Ortega
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NJ Certificate of Authorization #: 24GA27957200
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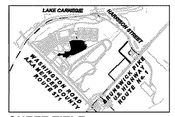
WEST WINDSOR TOWNSHIP
MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **07-08-2024**

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SHEET TITLE

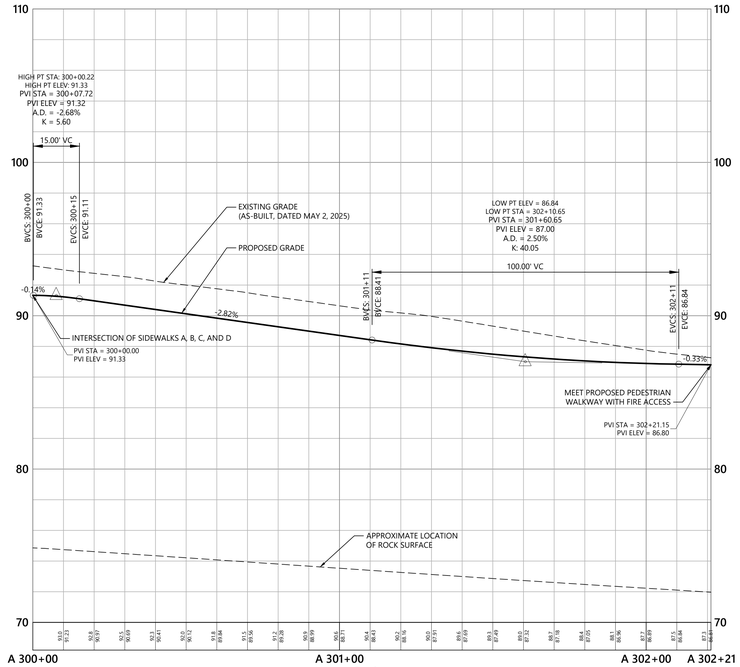
WALKWAY SECTIONS

SHEET NUMBER

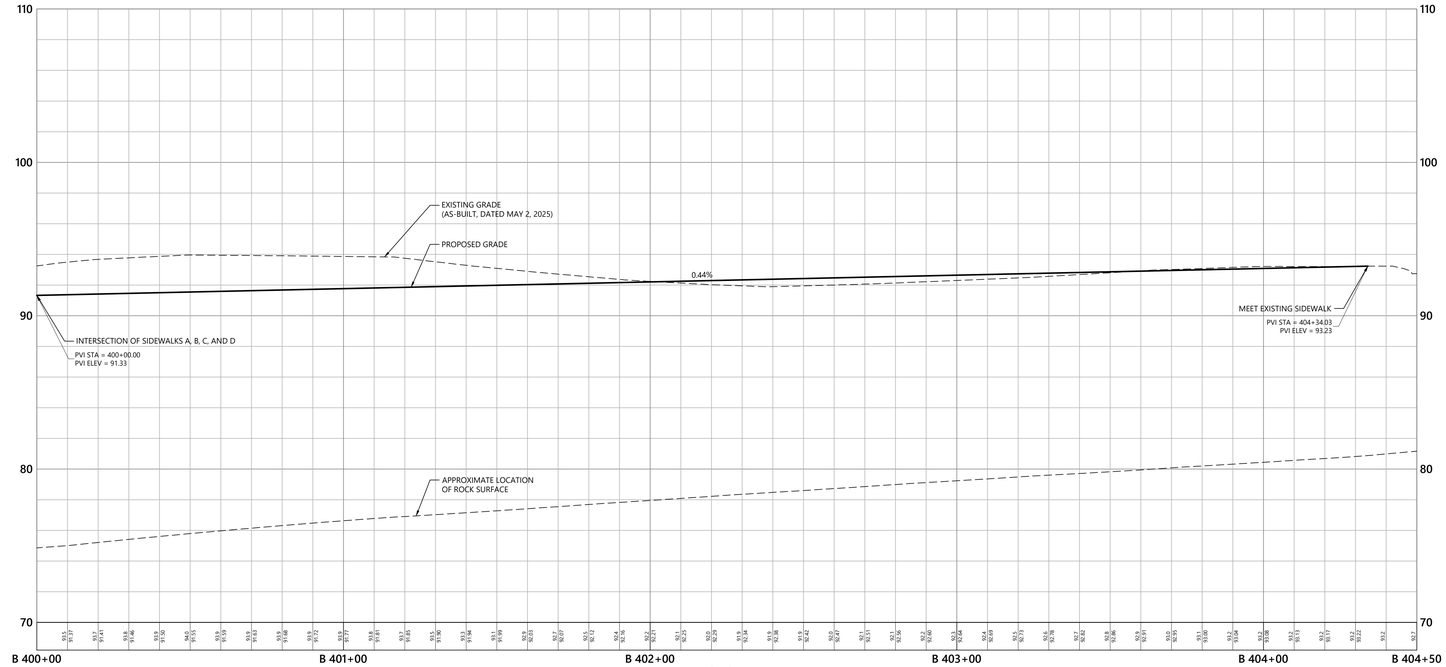
C-1601

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Filename: \\vhb.com\gbl\ny\NewYork\Cty\22301.00 Princeton Baseball\civil\Vol\Planset\04 Construction Documents\22301.00-XSEC.dwg



SIDEWALK A



SIDEWALK B

SIDEWALK C

SIDEWALK D

NOTES

1. ALL WALKWAYS AND WALKING SURFACES SHALL CONFORM TO ADA STANDARDS. WALKWAY SLOPES SHALL NOT EXCEED 5% (1:20) IN ANY LOCATION. CROSS SLOPES SHALL NOT EXCEED 2% (1:50) TO ENSURE ACCESSIBILITY FOR ALL USERS.
2. REFER TO SHEET C-500 FOR ALIGNMENT STATIONING.

Vert. 0 2 4 8 Feet
Horiz. 0 10 20 40 Feet

VERT. SCALE: 1" = 4'
HORIZ. SCALE: 1" = 20'

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MAJOR SITE PLAN
APPLICATION BASEBALL
BALLPARK

Date: **10-09-2024**

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KEY PLAN



SHEET TITLE

SIDEWALK PROFILES

SHEET NUMBER

C-1602

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ARCH E1 30" x 42"
Last Plotted: 2026-02-11 By: Chris DiSarcina
Filename: \\vhb.com\gbl\ny\NewYorkCity\22301.00 Princeton Baseball\cad\dt\Planset\04 Construction Documents\22301.00-PROF.dwg

ARCH E1 30" x 42"

GENERAL NOTES:

1. BASE INFORMATION, INCLUDING EXISTING CONDITIONS, TOPOGRAPHY, EXISTING UTILITIES, AND BOUNDARY INFORMATION IS FROM PLANS BY: PRINCETON UNIVERSITY. FIELD OPERATIONS IS NOT RESPONSIBLE FOR THE ACCURACY OF EXISTING SURVEY INFORMATION.
2. ARCHITECTURAL INFORMATION IS FROM PLANS BY: PENDULAM STUDIO LLC.
3. WRITTEN DIMENSIONS PREVAIL OVER SCALED DIMENSIONS. NOTIFY FIELD OPERATIONS OF ANY DISCREPANCIES.
4. DIMENSIONS ARE TO FACE OF OBJECT, UNLESS NOTED OTHERWISE.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL UNDERGROUND UTILITIES, PIPES, STRUCTURES, AND LINE RUNS IN THE FIELD PRIOR TO CONSTRUCTION. ANY DAMAGE TO NEW AND EXISTING UTILITIES ARE TO BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER. FIELD OPERATIONS ASSUMES NO RESPONSIBILITY FOR ANY UTILITIES NOT SHOWN ON PLANS.
6. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS PRIOR TO PROCEEDING WITH THAT PORTION OF THE WORK. FAILURE TO NOTIFY LANDSCAPE ARCHITECT WILL NOT RELIEVE CONTRACTOR OF RESPONSIBILITY TO COMPLETE THE WORK AS INDICATED BY THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WORK RESULTING FROM SUCH FAILURE TO COORDINATE DISCREPANCIES WITHOUT THE LANDSCAPE ARCHITECT'S APPROVAL.
7. ALL PROPOSED FINISHED GRADES ARE BASED ON INFORMATION PROVIDED BY THE OWNER'S SURVEY AND OR CIVIL ENGINEER. ANY DISCREPANCIES IN ACTUAL FIELD MEASUREMENTS ARE TO BE REPORTED TO FIELD OPERATIONS IMMEDIATELY.
8. PRIOR TO COMMENCEMENT OF HARDSCAPE CONSTRUCTION, ALL PIERS, FOOTINGS, AND WALLS ARE TO BE SURVEYED, LAID OUT, AND STAKED IN THE FIELD. CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY DEMOLITION, ADJUSTMENTS, OR RECONSTRUCTION OF HARDSCAPE CONSTRUCTION RESULTING FROM UNAUTHORIZED CONSTRUCTION.
9. CONTRACTOR IS RESPONSIBLE TO PROVIDE AND INSTALL ALL ITEMS PER DRAWINGS AND SPECIFICATION. NOTIFY FIELD OPERATIONS OF ANY MAJOR DISCREPANCIES BETWEEN CONTRACTOR'S VERIFIED QUANTITIES, BID BOOK, AND INTENT OF DRAWING.
10. ALL DIGITAL FILES PROVIDED BY FIELD OPERATIONS ARE FOR USE BY THE CONTRACTOR AT THEIR OWN RISK. CONTRACTOR IS TO NOTIFY FIELD OPERATIONS OF ANY DISCREPANCIES BETWEEN THE DRAWINGS AND DIGITAL FILES PRIOR TO CONSTRUCTION AND PROCUREMENT OF MATERIALS.
11. CONTRACTOR IS RESPONSIBLE FOR ALL FINAL QUANTITIES PER DRAWINGS AND SPECIFICATIONS. ANY QUANTITIES PROVIDED BY FIELD OPERATIONS ARE PROVIDED FOR CONVENIENCE ONLY AND SHALL NOT BE CONSIDERED ABSOLUTE. FIELD OPERATIONS SHOULD BE NOTIFIED OF ANY DISCREPANCIES.
12. THE CONTRACTOR SHALL EXAMINE AND BECOME FAMILIAR WITH ALL CONTRACT DOCUMENTS IN THEIR ENTIRETY, SURVEY THE PROJECT, AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK. ALL COSTS SUBMITTED SHALL BE BASED ON THOROUGH KNOWLEDGE OF ALL WORK AND MATERIALS REQUIRED ANY DISCREPANCY AND/ OR UNCERTAINTY AS TO WHAT MATERIAL OR PRODUCT IS TO BE USED, SHALL BE VERIFIED WITH THE OWNER OR FIELD OPERATIONS PRIOR TO BIDDING.
13. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES REQUIRED FOR SAFE EXECUTION AND COMPLETION OF WORK, AND FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK.
14. IN THE EVENT A DISCREPANCY IS FOUND IN THE CONTRACT DOCUMENTS, THE OWNER & FIELD OPERATIONS SHALL BE NOTIFIED IMMEDIATELY.
15. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND NOTIFY FIELD OPERATIONS OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION AND PROCUREMENT OF MATERIALS.
16. CONTRACTOR SHALL VERIFY ALL MEASUREMENTS AT THIS SITE AND AND BE RESPONSIBLE FOR ACCURACY AND CORRECTNESS OF SAME.
17. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES AND NOTIFY OWNER & FIELD OPERATIONS OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION AND PROCUREMENT OF MATERIALS.
18. THE CONTRACTOR SHALL EMPLOY, AS REQUIRED BY GOVERNING AUTHORITIES, AN APPROVED TESTING LABORATORY TO MAKE ALL TESTS FROM CONCRETE, SOIL COMPACTION AND WELDING TO INSURE COMPLIANCE WITH PLANS, SPECIFICATIONS, STANDARDS, AND CODES. COST SHALL BE INCLUDED AS INCIDENTAL TO THE CONTRACT.
19. ALL EXISTING WORK OR LANDSCAPING NOT SHOWN TO BE ALTERED OR REMOVED SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. THE CONTRACTOR(S) SHALL BEAR THE TOTAL EXPENSE FOR, AND SHALL REPAIR ANY DAMAGE TO EXISTING CONDITIONS, OR IMPROVEMENTS NOT INDICATED IN THE DRAWINGS OR SPECIFICATIONS TO RECEIVE ALTERATION, ADDITIONS OR REMOVAL.

LAYOUT NOTES:

1. EXISTING UTILITIES ARE SHOWN SCHEMATICALLY AND ARE FOR THE CONTRACTOR'S GUIDANCE ONLY. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING IMPROVEMENTS IN THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION. REPAIRS SHALL BE EQUAL TO OR BETTER THAN CONDITION PRIOR TO CONSTRUCTION.
3. ALL ONSITE PAVING DIMENSIONS ARE TO THE FACE OF CURB, WHERE APPLICABLE, UNLESS NOTED OTHERWISE.
4. ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFORM TO THE PROJECT GEOTECHNICAL REPORT.
5. BOUNDARY SURVEY: BOUNDARY SURVEY INFORMATION IS BASED ON THE BOUNDARY SURVEY PREPARED BY PRINCETON UNIVERSITY, REFER TO THE BOUNDARY SURVEY AND PLAT TO VERIFY PROPERTY LINES AND EASEMENT LOCATIONS.
6. BUILDING DIMENSIONS: THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS TO VERIFY THE EXACT BUILDING DIMENSIONS.
7. LAY PAVERS IN PATTERN(S) SHOWN ON DRAWINGS (PAVING ENLARGEMENT PLANS)

DRAWING LIST:

L-001 GENERAL NOTES AND DRAWING LIST

PLANS

L-100 LAYOUT / MATERIAL / FURNISHING PLAN & SCHEDULE
L-110 TREE PRESERVATION PLAN
L-140 TREE PLANTING PLAN & SCHEDULE
L-150 GROUNDCOVER PLANTING PLAN & SCHEDULE

SECTIONS

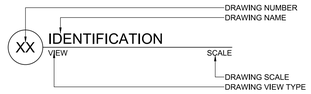
L-300 SITE SECTIONS

DETAILS

L-500 MATERIAL DETAILS
L-600 FURNISHING DETAILS
L-900 PLANTING DETAILS

STANDARD SYMBOLS:

DRAWING TITLE:



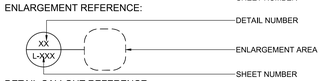
SECTION REFERENCE:



ELEVATION/VIEW REFERENCE:



ENLARGEMENT REFERENCE:



DETAIL CALLOUT REFERENCE:



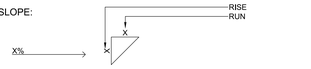
MATERIAL CALLOUT REFERENCE:



SPOT ELEVATION:



SLOPE:



REVISION CLOUD & DELTA:

ABBREVIATIONS:

A	ADA	AMERICAN W/ DISABILITIES ACT
	ABA	ARCHITECTURAL BARRIERS ACT
	ADJ	ADJUSTABLE
	AFF	ABOVE FINISHED FLOOR
	ALUM	ALUMINUM
	ALT	ALTERNATE
	ARCH.	ARCHITECTURAL
	@	AT
B	BLDG	BUILDING
	BC	BOTTOM OF CURB
	BO	BOTTOM
	BOC	BACK OF CURB
	BS	BOTTOM OF STAIR
	BSS	BOTTOM OF SEAT STEP
	BW	BOTTOM OF WALL
C	CAL	CALIPER
	CEM.	CEMENT
	CIP	CAST-IN-PLACE
	CJ	CONTROL JOINT
	C JT	CONSTRUCTION JOINT
	CL	CENTERLINE
	CLL	CONTRACT LIMIT LINE
	COL	COLUMN
	CONC.	CONCRETE
	CONT A.	CONTINUOUS
	CUST A.	CUSTOM
D	DF	DRINKING FOUNTAIN
	DIA	DIAMETER
	DIM	DIMENSION
	DG	DECOMPOSED GRANITE
	DN	DOWN
	DTL	DETAIL
	DWG	DRAWING
E	E	EASTING
	EA	EACH
	EL	ELEVATION
	ELEC	ELECTRIC
	ENLGMT	ENLARGEMENT
	EOC	END OF CURVE
	EOS	EDGE OF SLAB
	EQ	EQUAL
	EQUIP	EQUIPMENT
	EX, EXIST	EXISTING
	EXP JT	EXPANSION JOINT
	E-W	EAST WEST
	EW	EACH WAY
F	FFE	FINISHED FLOOR ELEVATION
	FIXT	FIXTURE
	FL	FLOW LINE
	FT	FOOT/FEET
	FTG	FOOTING
	FURN	FURNITURE
G	GA	GAUGE
	GALV A.	GALVANIZED
	GEN	GENERAL
	GL	GLASS
H	HORIZ	HORIZONTAL
	HP	HIGH POINT
	HR	HOUR
	HVAC	HEATING, VENTILATING, AIR CONDITIONING
	HASP	HEALTH AND SAFETY PLAN
I	ID	INSIDE DIAMETER
	IF	INSIDE FACE
J	JT	JOINT
L	L FIXT	LIGHTING FIXTURE
	LOC	LOCATIONS
	LP	LOW POINT
	LUN	LAND USE NOTIFICATION
M	MAINT	MAINTENANCE
	MAX	MAXIMUM
	MECH	MECHANICAL
	MEMB WP	MEMBRANE WATERPROOFING
	MH	MANHOLE
	MHW	MEAN HIGH WATER
	MIN	MINIMUM
	MIR	MIRROR
	MISC	MISCELLANEOUS
	MTL	METAL
N	N	NORTHING
	NIC	NOT IN CONTRACT
	NO	NUMBER
	NTS	NOT TO SCALE
	NPCZ	NATIVE PLANT ZONE
O	OF	OUTSIDE FACE
	OC	ON CENTER
	OD	OUTSIDE DIAMETER
	OPEN	OPENING
	O/H	OVERHEAD
P	PC	PRECAST
	PCC	PRECAST CONCRETE
	PL	PLATE
	POB	POINT OF BEGINNING
	PTD	PAINTED
	PV	PHOTOVOLTAIC
	PVC	POLYVINYL CHLORIDE
R	R	RADIUS
	REF	REFERENCE
	REINF	REINFORCEMENT, REINFORCED
	REQ'D	REQUIRED
	REV	REVISION, REVISED
S	SECT	SECTION
	SCHED	SCHEDULE
	SIM	SIMILAR
	SLV	SLEEVE
	SP	STARTING POINT
	SPEC	SPECIFICATIONS
	SQ	SQUARE
	SS	STAINLESS STEEL
	ST	STREET
	STL	STEEL
	STD	STANDARD
	STRUCT.	STRUCTURAL
T	TBD	TO BE DETERMINED
	TC	TOP OF CURB
	TD	TOP OF DECK
	THCK	THICK
	TO	TOP OF
	TT	TOP OF TRACK
	TS	TOP OF STAIR
	TSS	TOP OF SEAT STEP
	TW	TOP OF WALL
	TEMP	TEMPORARY
	TYP	TYPICAL
	U/N	UNLESS OTHERWISE NOTED
U	VERT	VERTICAL
V	VIF	VERIFY IN FIELD
W	W/	WITH
	WD	WOOD
	WP	WATERPROOFING
	WV	WATER VALVE

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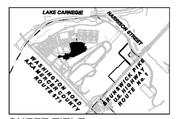
WEST WINDSOR TOWNSHIP MAJOR SITE PLAN APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

ISSUE/REVISION

I/R	DATE	DESCRIPTION
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KEY PLAN



SHEET TITLE

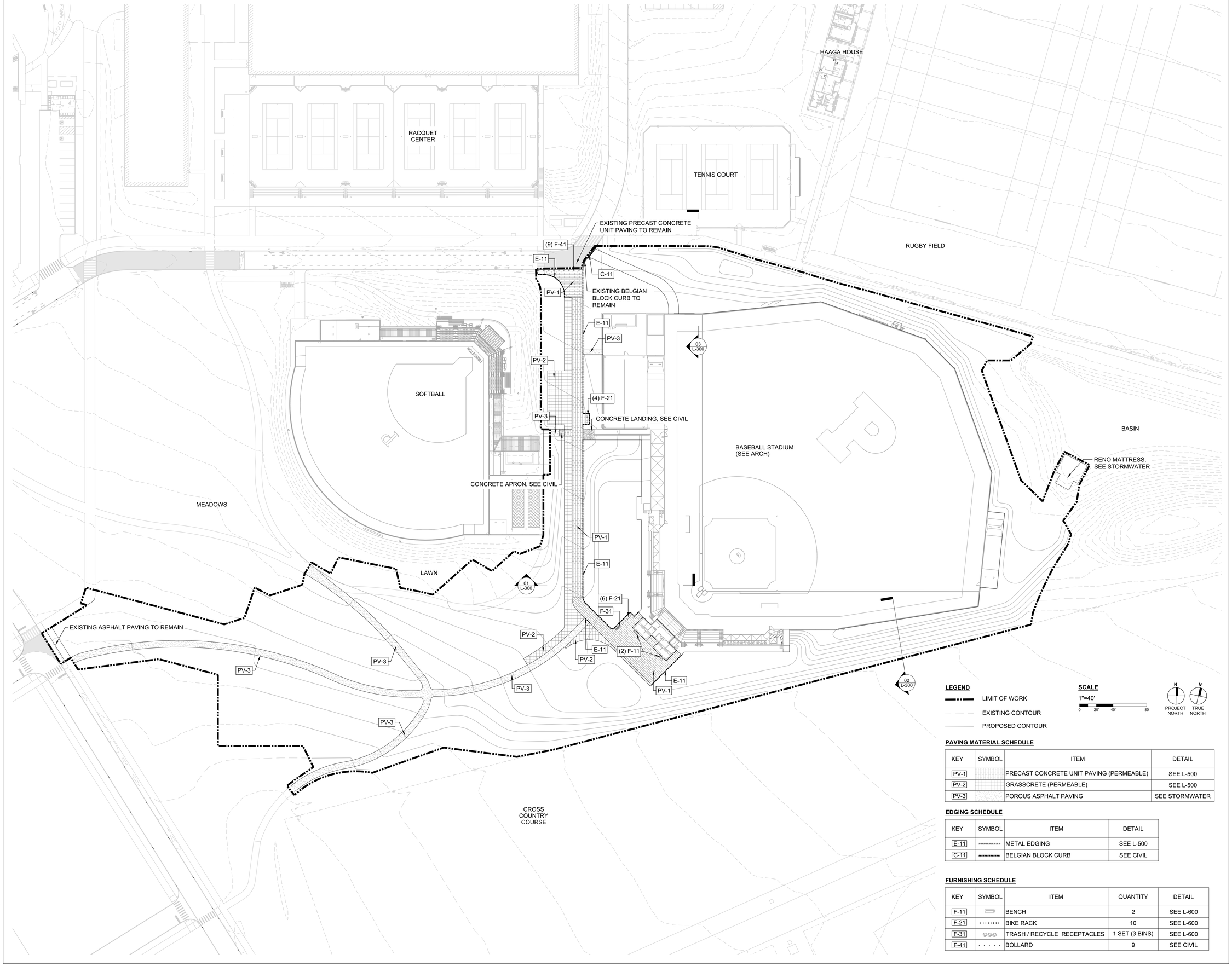
GENERAL NOTES AND DRAWING LIST

SHEET NUMBER

L-001

01 02 03 04 05 06 07 08 09 10

ARCH E1 30" x 42"



LEGEND

- LIMIT OF WORK
- EXISTING CONTOUR
- PROPOSED CONTOUR

SCALE

1"=40'

0 20' 40' 80

PROJECT NORTH | TRUE NORTH

PAVING MATERIAL SCHEDULE

KEY	SYMBOL	ITEM	DETAIL
PV-1		PRECAST CONCRETE UNIT PAVING (PERMEABLE)	SEE L-500
PV-2		GRASSCRETE (PERMEABLE)	SEE L-500
PV-3		POROUS ASPHALT PAVING	SEE STORMWATER

EDGING SCHEDULE

KEY	SYMBOL	ITEM	DETAIL
E-11	---------	METAL EDGING	SEE L-500
C-11	▪▪▪▪▪▪▪▪▪▪▪▪▪	BELGIAN BLOCK CURB	SEE CIVIL

FURNISHING SCHEDULE

KEY	SYMBOL	ITEM	QUANTITY	DETAIL
F-11		BENCH	2	SEE L-600
F-21	,,,,,,,,,	BIKE RACK	10	SEE L-600
F-31	⊙⊙⊙	TRASH / RECYCLE RECEPTACLES	1 SET (3 BINS)	SEE L-600
F-41	. . . . .	BOLLARD	9	SEE CIVIL

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

ARCHITECT OF RECORD
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tel - 816.335.3030

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STATE OF NEW JERSEY · JAMES CORNER · 21AS00099300 · LICENSED LANDSCAPE ARCHITECT

2/19/2026

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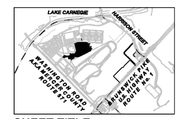
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KEY PLAN



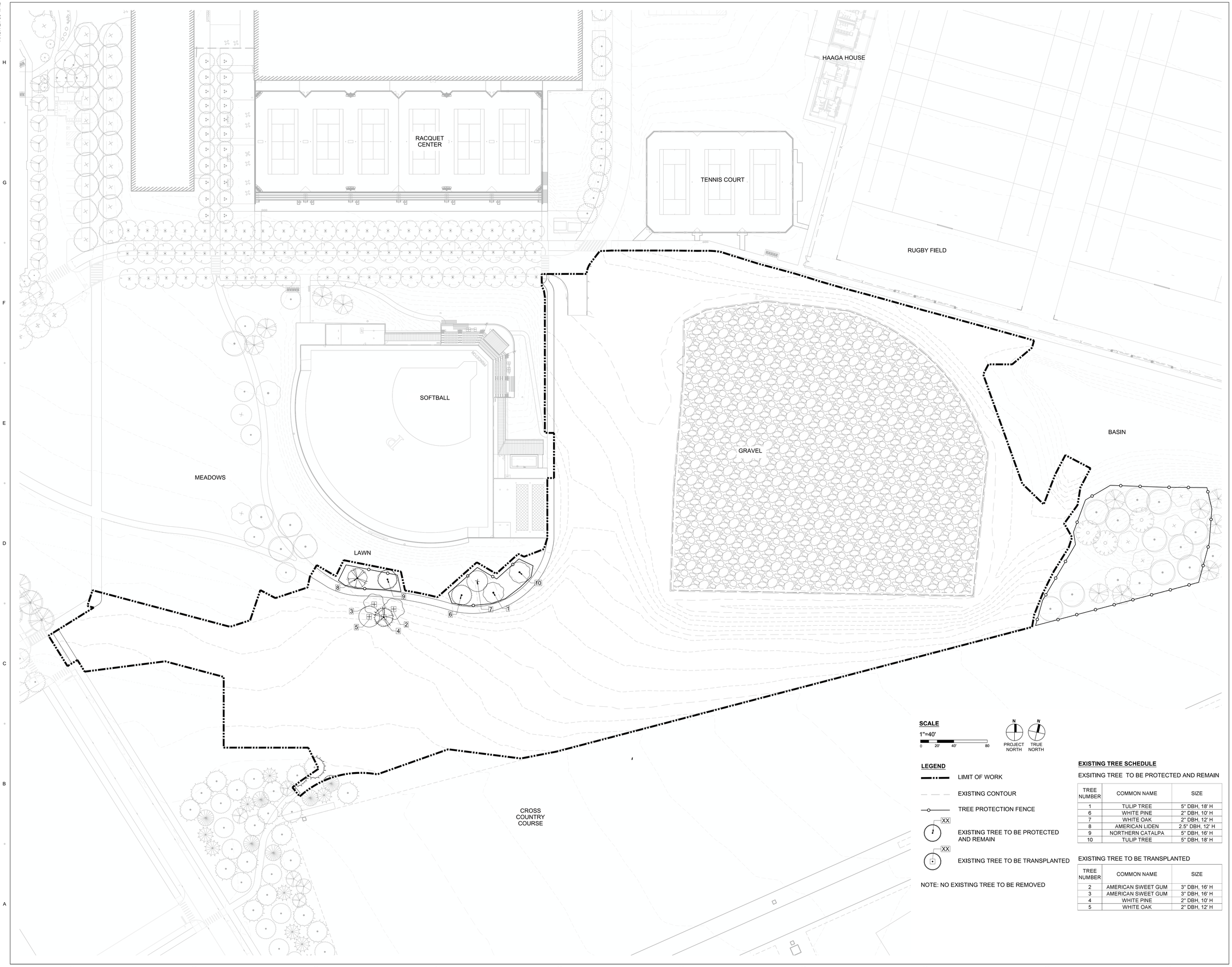
SHEET TITLE

LAYOUT/MATERIAL/FURNISHING PLAN & SCHEDULE

SHEET NUMBER

L-100

ARCH E1 30" x 42"



SCALE

1"=40'

0 20' 40' 80

N PROJECT NORTH

N TRUE NORTH

LEGEND

- LIMIT OF WORK
- EXISTING CONTOUR
- TREE PROTECTION FENCE
- XX — EXISTING TREE TO BE PROTECTED AND REMAIN
- XX — EXISTING TREE TO BE TRANSPLANTED

NOTE: NO EXISTING TREE TO BE REMOVED

EXISTING TREE SCHEDULE

EXSITING TREE TO BE PROTECTED AND REMAIN

TREE NUMBER	COMMON NAME	SIZE
1	TULIP TREE	5" DBH, 18' H
6	WHITE PINE	2" DBH, 10' H
7	WHITE OAK	2" DBH, 12' H
8	AMERICAN LIDEN	2.5" DBH, 12' H
9	NORTHERN CATALPA	5" DBH, 16' H
10	TULIP TREE	5" DBH, 18' H

EXISTING TREE TO BE TRANSPLANTED

TREE NUMBER	COMMON NAME	SIZE
2	AMERICAN SWEET GUM	3" DBH, 16' H
3	AMERICAN SWEET GUM	3" DBH, 16' H
4	WHITE PINE	2" DBH, 10' H
5	WHITE OAK	2" DBH, 12' H

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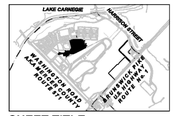
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KEY PLAN



SHEET TITLE

TREE PRESERVATION PLAN

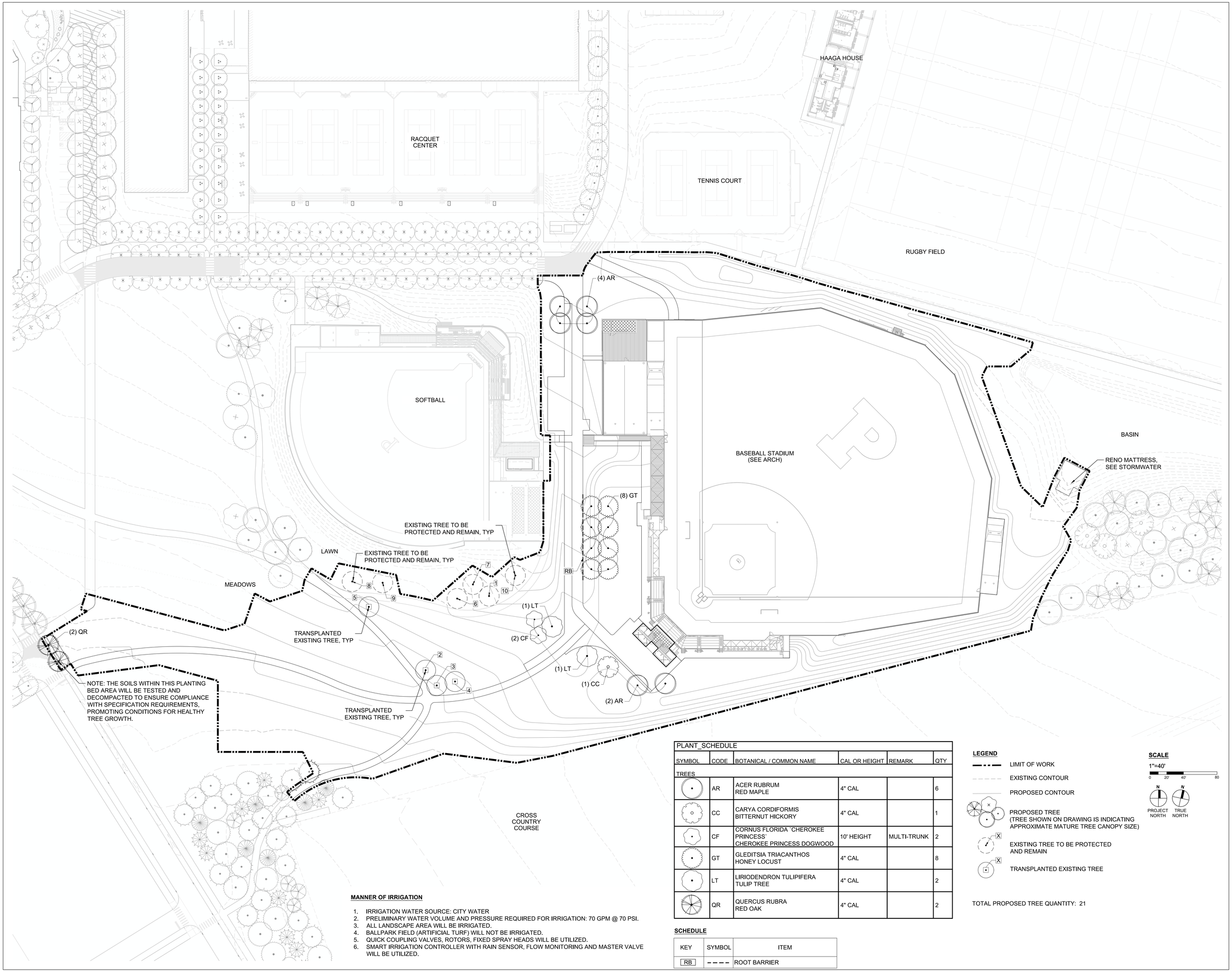
SHEET NUMBER

L-110

01 02 03 04 05 06 07 08 09 10

A B C D E F G H

ARCH E1 30" x 42"



MANNER OF IRRIGATION

1. IRRIGATION WATER SOURCE: CITY WATER
2. PRELIMINARY WATER VOLUME AND PRESSURE REQUIRED FOR IRRIGATION: 70 GPM @ 70 PSI.
3. ALL LANDSCAPE AREA WILL BE IRRIGATED.
4. BALLPARK FIELD (ARTIFICIAL TURF) WILL NOT BE IRRIGATED.
5. QUICK COUPLING VALVES, ROTORS, FIXED SPRAY HEADS WILL BE UTILIZED.
6. SMART IRRIGATION CONTROLLER WITH RAIN SENSOR, FLOW MONITORING AND MASTER VALVE WILL BE UTILIZED.

PLANT_SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CAL OR HEIGHT	REMARK	QTY
TREES					
	AR	ACER RUBRUM RED MAPLE	4" CAL		6
	CC	CARYA CORDIFORMIS BITTERNUT HICKORY	4" CAL		1
	CF	CORNUS FLORIDA `CHEROKEE PRINCESS` CHEROKEE PRINCESS DOGWOOD	10' HEIGHT	MULTI-TRUNK	2
	GT	GLEDITSIA TRIACANTHOS HONEY LOCUST	4" CAL		8
	LT	LIRIODENDRON TULIPIFERA TULIP TREE	4" CAL		2
	QR	QUERCUS RUBRA RED OAK	4" CAL		2

SCHEDULE

KEY	SYMBOL	ITEM
RB	- - - -	ROOT BARRIER

LEGEND

- LIMIT OF WORK
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED TREE (TREE SHOWN ON DRAWING IS INDICATING APPROXIMATE MATURE TREE CANOPY SIZE)
- EXISTING TREE TO BE PROTECTED AND REMAIN
- TRANSPLANTED EXISTING TREE

TOTAL PROPOSED TREE QUANTITY: 21

SCALE

1"=40'

0 20' 40' 80

PROJECT NORTH | TRUE NORTH

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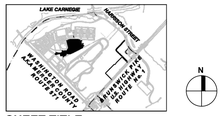
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KEY PLAN

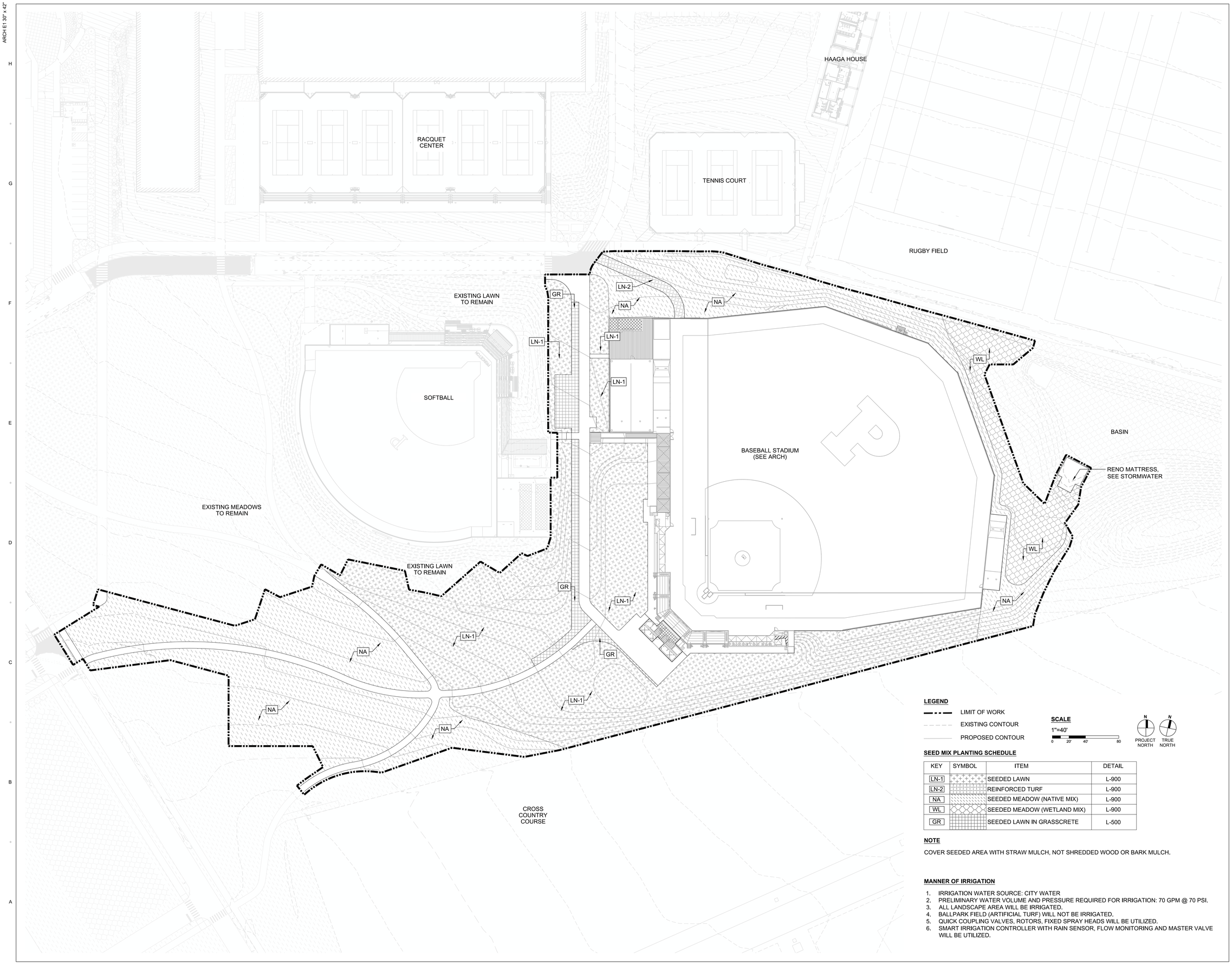


SHEET TITLE

TREE PLANTING PLAN & SCHEDULE

SHEET NUMBER

L-140



LEGEND

- LIMIT OF WORK
- EXISTING CONTOUR
- PROPOSED CONTOUR

SCALE

1"=40'

0 20' 40' 80

PROJECT NORTH | TRUE NORTH

SEED MIX PLANTING SCHEDULE

KEY	SYMBOL	ITEM	DETAIL
LN-1		SEEDED LAWN	L-900
LN-2		REINFORCED TURF	L-900
NA		SEEDED MEADOW (NATIVE MIX)	L-900
WL		SEEDED MEADOW (WETLAND MIX)	L-900
GR		SEEDED LAWN IN GRASSCRETE	L-500

NOTE

COVER SEEDED AREA WITH STRAW MULCH, NOT SHREDDED WOOD OR BARK MULCH.

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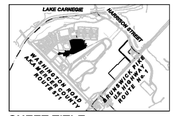
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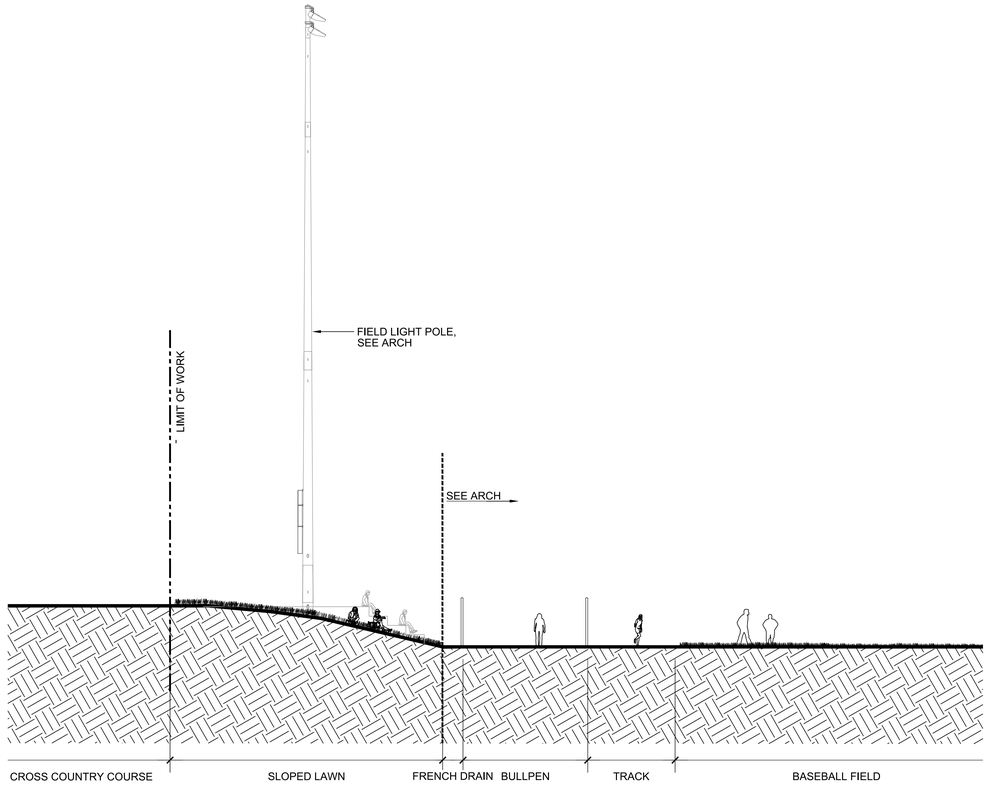
GROUNDCOVER PLANTING PLAN & SCHEDULE

SHEET NUMBER

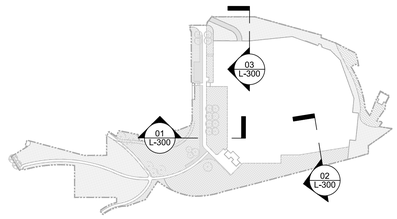
L-150

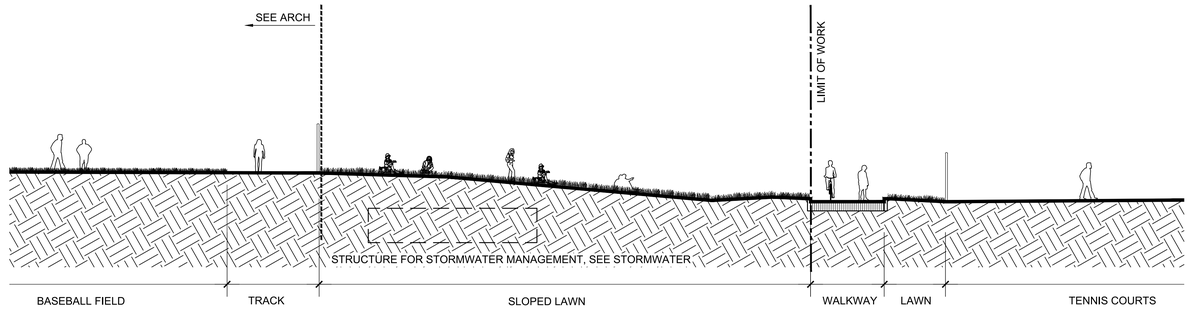
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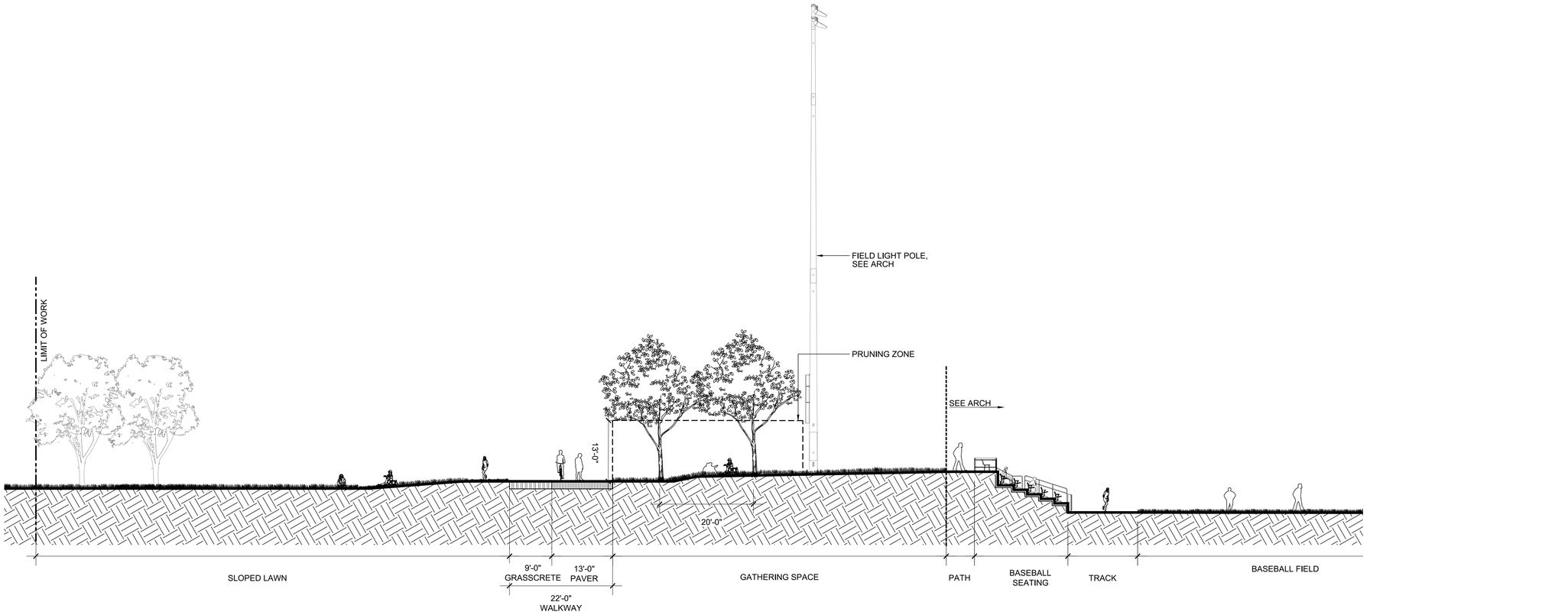


02 SECTION B-B'
SECTION
1"=10'-0"





03 SECTION C-C'
SECTION
1"=10'-0"



01 SECTION A-A'
SECTION
1"=10'-0"

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STATE OF NEW JERSEY
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21AS00099300
LICENSED
LANDSCAPE ARCHITECT

2/19/2026

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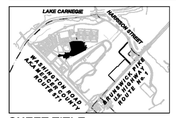
WEST WINDSOR TOWNSHIP MAJOR SITE PLAN APPLICATION BASEBALL BALLPARK

Date: **07-08-2024**

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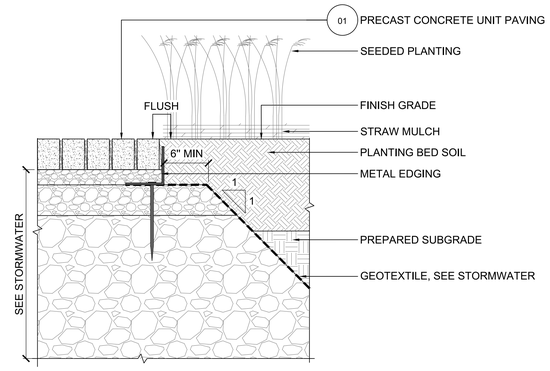
KEY PLAN



SHEET TITLE
SITE SECTIONS

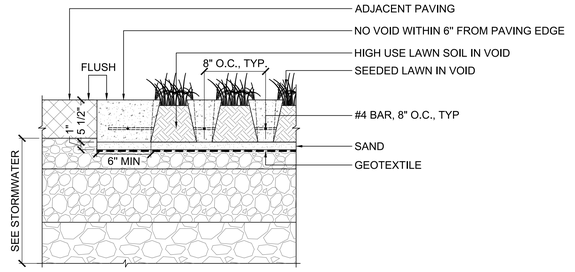
SHEET NUMBER
L-300

ARCH E1 30" x 42"



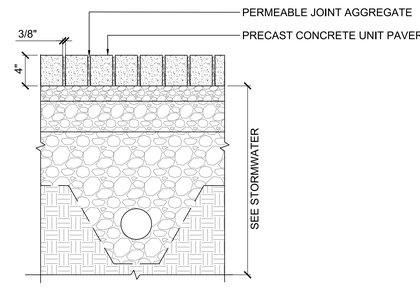
03 PRECAST CONCRETE UNIT PAVING [PV-1] & PLANTING

DETAIL — 1-1/2" = 1'-0"



02 GRASSCRETE (PERMEABLE) [PV-2] WITH SEEDED LAWN

DETAIL — 1-1/2" = 1'-0"



01 PRECAST CONCRETE UNIT PAVING (PERMEABLE) [PV-1]

DETAIL — 1-1/2" = 1'-0"

PENDULUM

Princeton University
Baseball Ballpark

West Windsor, NJ 08540

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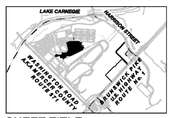
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KEY PLAN



SHEET TITLE

MATERIAL DETAILS

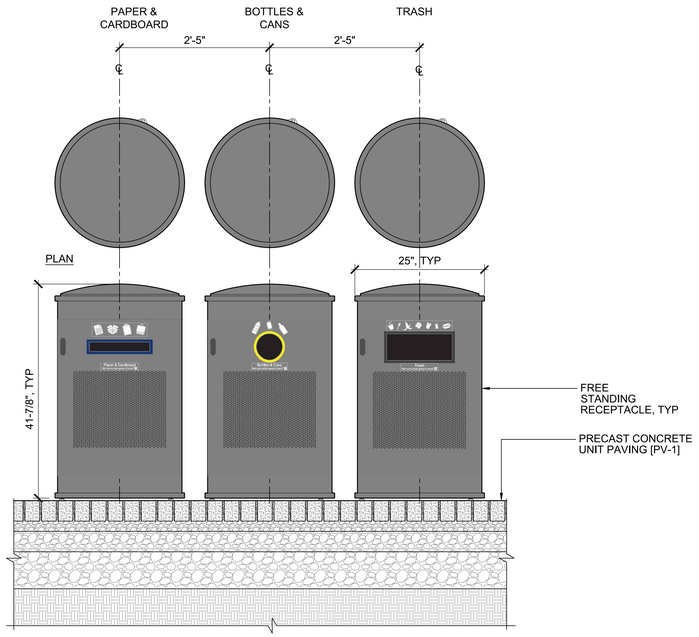
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L-500

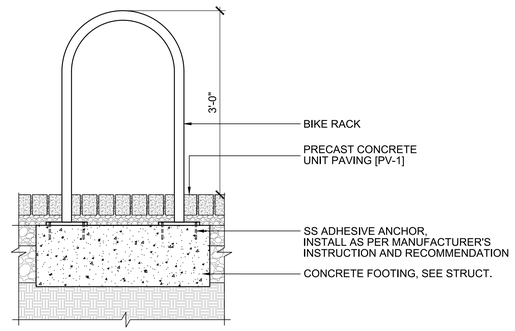
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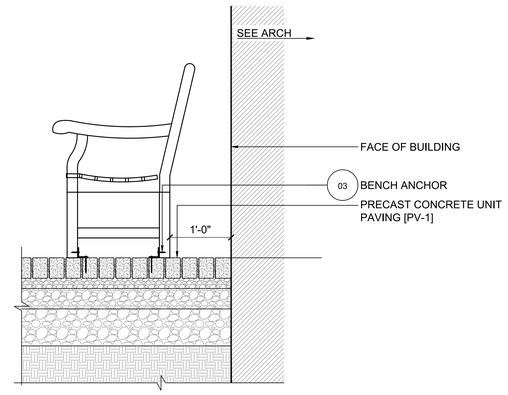
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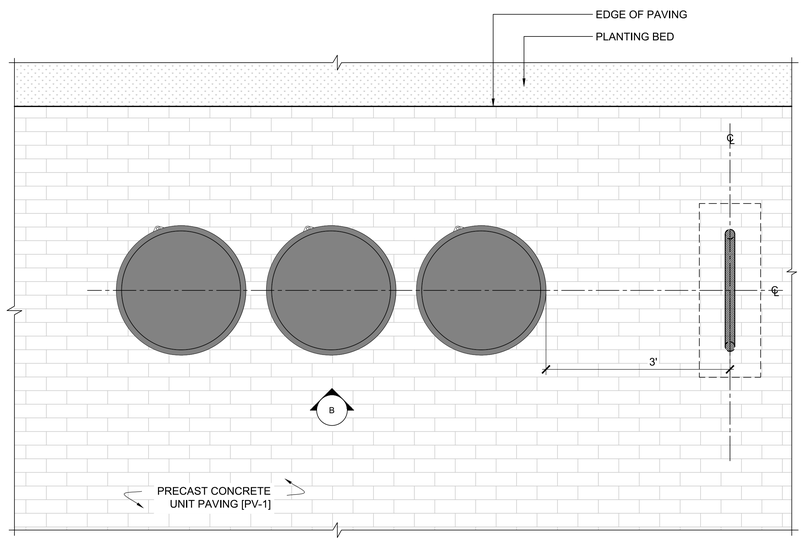
ELEVATION B

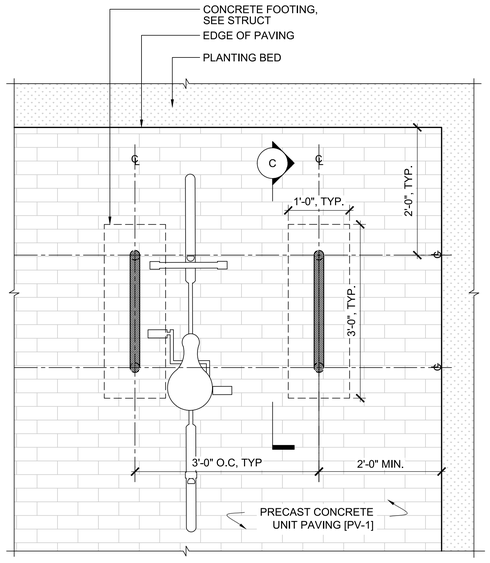


SECTION C

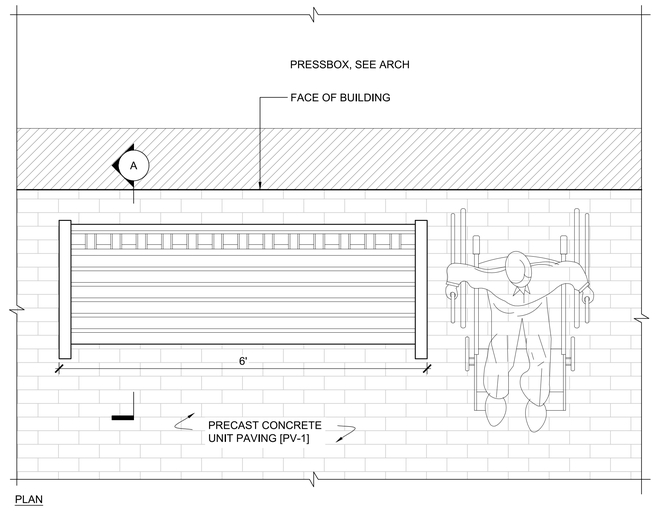


SECTION A





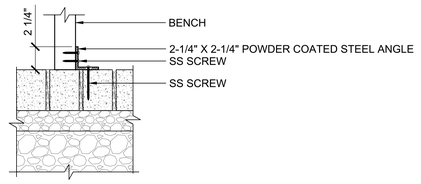
PLAN



PLAN

02 BIKE RACK [F-21] & TRASH RECEPTACLES [F-31] @ PRECAST CONCRETE UNIT PAVING [PV-1]

PLAN & SECTION — 2"=1'-0"



03 BENCH ANCHOR

DETAIL — 2"=1'-0"

01 BENCH [F-11]

PLAN & SECTION — 1"=1'-0"

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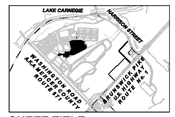
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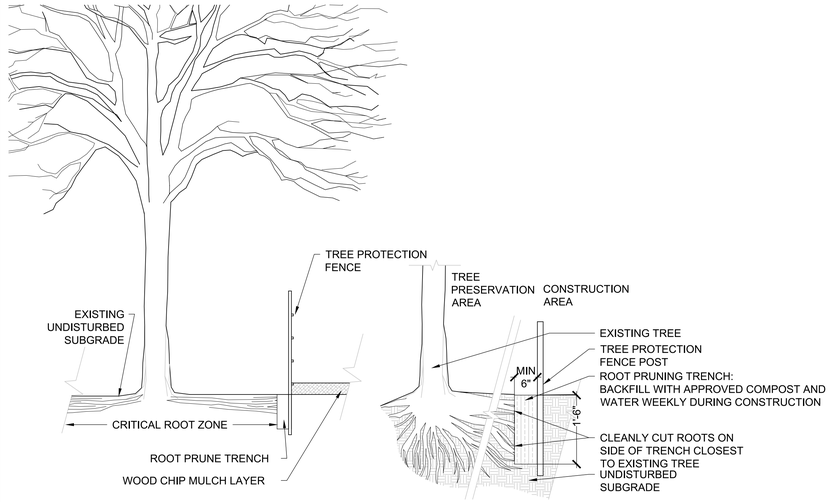


SHEET TITLE

FURNISHING DETAILS

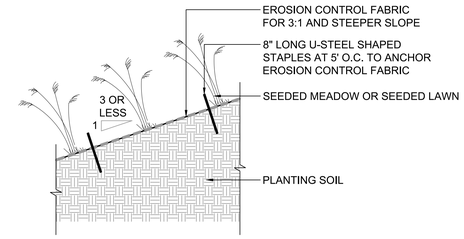
SHEET NUMBER

L-600



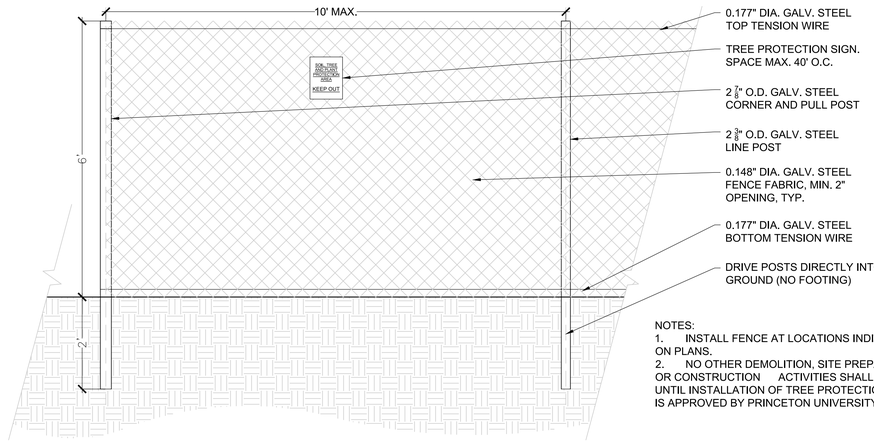
08 TREE PROTECTION FENCE & TREE ROOT PRUNING TYPICAL SECTION

DETAIL — 3/4" = 1'-0"



05 EROSION CONTROL FABRIC FOR 3:1 AND STEEPER SLOPE

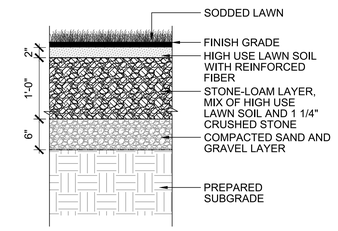
DETAIL — 1" = 1'-0"



NOTES:
1. INSTALL FENCE AT LOCATIONS INDICATED ON PLANS.
2. NO OTHER DEMOLITION, SITE PREPARATION OR CONSTRUCTION ACTIVITIES SHALL COMMENCE UNTIL INSTALLATION OF TREE PROTECTION FENCE IS APPROVED BY PRINCETON UNIVERSITY.

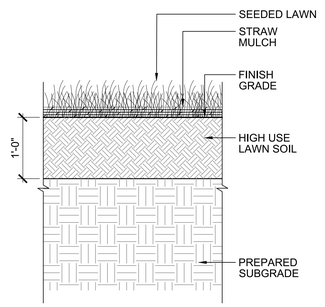
07 TREE PROTECTION FENCE

DETAIL — 3/4" = 1'-0"



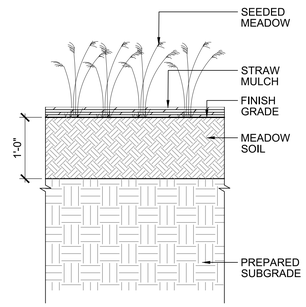
04 REINFORCED TURF [LN-2]

DETAIL — 1" = 1'-0"



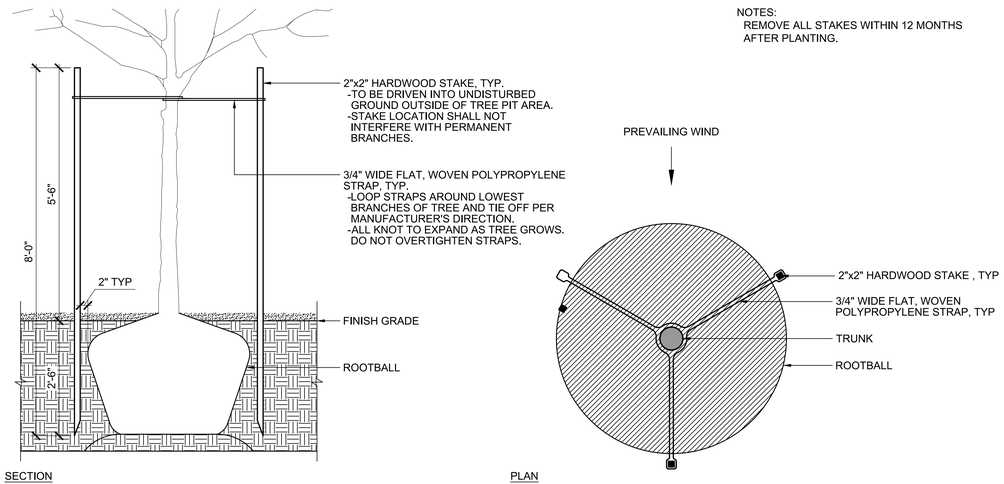
03 SEEDED LAWN [LN-1]

DETAIL — 1" = 1'-0"



02 SEEDED MEADOW [NA] & [WL]

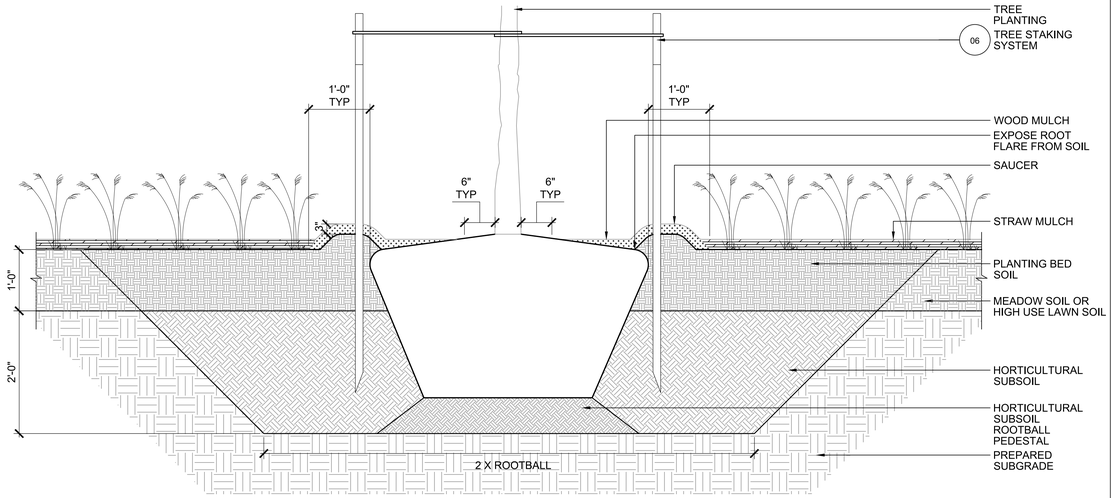
DETAIL — 1" = 1'-0"



NOTES:
REMOVE ALL STAKES WITHIN 12 MONTHS AFTER PLANTING.

06 TREE STAKING SYSTEM

PLAN & SECTION — 3/4" = 1'-0"



01 TREE PLANTING DETAIL

DETAIL — 1" = 1'-0"

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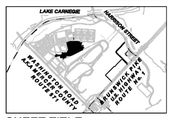
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PLANTING DETAILS

SHEET NUMBER

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ARCH E1 30" x 42"