

Site Plans

Issued for

Date Issued March 18, 2020

Latest Issue June 17, 2022

Storm King Art Center - Site Development

1 Museum Road
New Windsor, NY 12553



Owner

Storm King Art Center
1 Museum Road
New Windsor, NY 12553

Applicant

Storm King Art Center
1 Museum Road
New Windsor, NY 12553

Plans Prepared By

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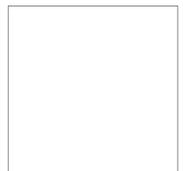
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1	LANDSCAPE PLANS (BY OTHERS)
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Legend

Exist.	Prop.		Exist.	Prop.	
		PROPERTY LINE			CONCRETE
		PROJECT LIMIT LINE			HEAVY DUTY PAVEMENT
		RIGHT-OF-WAY/PROPERTY LINE			BUILDINGS
		EASEMENT			RIPRAP
		BUILDING SETBACK			CONSTRUCTION EXIT
		PARKING SETBACK			TOP OF CURB ELEVATION
		BASELINE	27.35 TC x	27.35 TC x	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	26.85 BC x	26.85 BC x	SPOT ELEVATION
		ZONING LINE	132.75 x	132.75 x	TOP & BOTTOM OF WALL ELEVATION
		TOWN LINE	45.0 TW x	45.0 TW x	BORING LOCATION
		LIMIT OF DISTURBANCE	38.5 BW x	38.5 BW x	TEST PIT LOCATION
		WETLAND LINE WITH FLAG			MONITORING WELL
		FLOODPLAIN			UNDERDRAIN
		BORDERING LAND SUBJECT TO FLOODING	UD	UD	DRAIN
		WETLAND BUFFER ZONE	12'D	12'D	ROOF DRAIN
		NO DISTURB ZONE	6'RD	6'RD	SEWER
		200' RIVERFRONT AREA	12'S	12'S	FORCE MAIN
		GRAVEL ROAD	FM	FM	OVERHEAD WIRE
		EDGE OF PAVEMENT	OHW	OHW	WATER
		BITUMINOUS BERM	6"W	6"W	FIRE PROTECTION
		BITUMINOUS CURB	4"FP	4"FP	DOMESTIC WATER
		CONCRETE CURB	3"G	3"G	GAS
		CURB AND GUTTER	E	E	ELECTRIC
		EXTRUDED CONCRETE CURB	STM	STM	STEAM
		MONOLITHIC CONCRETE CURB	T	T	TELEPHONE
		PRECAST CONC. CURB	FA	FA	FIRE ALARM
		SLOPED GRAN. EDGING	CATV	CATV	CABLE TV
		VERT. GRAN. CURB			CATCH BASIN CONCENTRIC
		LIMIT OF CURB TYPE			CATCH BASIN ECCENTRIC
		SAWCUT			DOUBLE CATCH BASIN CONCENTRIC
		BUILDING			DOUBLE CATCH BASIN ECCENTRIC
		BUILDING ENTRANCE			GUTTER INLET
		LOADING DOCK			DRAIN MANHOLE CONCENTRIC
		BOLLARD			DRAIN MANHOLE ECCENTRIC
		DUMPSTER PAD			TRENCH DRAIN
		SIGN			PLUG OR CAP
		DOUBLE SIGN			CLEANOUT
		STEEL GUARDRAIL			FLARED END SECTION
		WOOD GUARDRAIL			HEADWALL
		PATH			SEWER MANHOLE CONCENTRIC
		TREE LINE			SEWER MANHOLE ECCENTRIC
		WIRE FENCE			CURB STOP & BOX
		FENCE			WATER VALVE & BOX
		STOCKADE FENCE			TAPPING SLEEVE, VALVE & BOX
		STONE WALL			SIAMASE CONNECTION
		RETAINING WALL			FIRE HYDRANT
		STREAM / POND / WATER COURSE			WATER METER
		DETENTION BASIN			POST INDICATOR VALVE
		HAY BALES			WATER WELL
		SILT FENCE			GAS GATE
		SILT SOCK / STRAW WATTLE			GAS METER
		MINOR CONTOUR			ELECTRIC MANHOLE
		MAJOR CONTOUR			ELECTRIC METER
		PARKING COUNT			LIGHT POLE
		COMPACT PARKING STALLS			TELEPHONE MANHOLE
		DOUBLE YELLOW LINE			TRANSFORMER PAD
		STOP LINE			UTILITY POLE
		CROSSWALK			GUY POLE
		ACCESSIBLE CURB RAMP			GUY WIRE & ANCHOR
		ACCESSIBLE PARKING			HAND HOLE
		VAN-ACCESSIBLE PARKING			PULL BOX
					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
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
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
DCB	DOUBLE CATCH BASIN
DMH	DRAIN MANHOLE
CIP	CAST IRON PIPE
COND	CONDUIT
DIP	DUCTILE IRON PIPE
FES	FLARED END SECTION
FM	FORCE MAIN
F&G	FRAME AND GRATE
F&C	FRAME AND COVER
GI	GUTTER INLET
GT	GREASE TRAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HH	HANDHOLE
HW	HEADWALL
HYD	HYDRANT
INV	INVERT ELEVATION
I=	INVERT ELEVATION
LP	LIGHT POLE
MES	METAL END SECTION
PIV	POST INDICATOR VALVE
PWW	PAVED WATER WAY
PVC	POLYVINYLCHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
R=	RIM ELEVATION
RIM=	RIM ELEVATION
SMH	SEWER MANHOLE
TSV	TAPPING SLEEVE, VALVE AND BOX
UG	UNDERGROUND
UP	UTILITY POLE

Notes

- General**
- CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
 - 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).
 - AREAS DISTURBED DURING CONSTRUCTION AND NOT RESTORED WITH IMPERVIOUS SURFACES (BUILDINGS, PAVEMENTS, WALKS, ETC.) SHALL RECEIVE (#) INCHES LOAM AND SEED.
 - WITHIN THE LIMITS OF THE BUILDING FOOTPRINT, THE SITE CONTRACTOR SHALL PERFORM EARTHWORK OPERATIONS REQUIRED UP TO SUBGRADE ELEVATIONS.
 - 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.
 - UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND 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.
 - TRAFFIC SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
 - 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 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.
 - CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEANUP, REPAIRS AND CORRECTIVE ACTION IF SUCH OCCURS.
 - DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
 - 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.
 - THIS PROJECT DISTURBS MORE THAN ONE ACRE OF LAND AND FALLS WITHIN THE SPDES CONSTRUCTION GENERAL PERMIT (GP-0-20-001) PROGRAM AND NYSDDEC JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A NOTICE OF INTENT WITH THE NYSDDEC AND PREPARE A STORMWATER POLLUTION PREVENTION PLAN IN ACCORDANCE WITH THE SPDES REGULATIONS. CONTRACTOR SHALL CONFIRM THE OWNER HAS ALSO FILED A NOTICE OF INTENT WITH THE NYSDDEC.

Utilities

- 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.
- 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.
- SET CATCH BASIN RIMS, AND INVERTS OF SEWERS, DRAINS, AND DITCHES IN ACCORDANCE WITH ELEVATIONS ON THE GRADING AND UTILITY PLANS.
- 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:
 - PAVEMENTS AND CONCRETE SURFACES: FLUSH
 - ALL SURFACES ALONG ACCESSIBLE ROUTES: FLUSH
 - LANDSCAPE, LOAM AND SEED, AND OTHER EARTH SURFACE AREAS: ONE INCH ABOVE SURROUNDING AREA AND TAPER EARTH TO THE RIM ELEVATION.

- 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.
- 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.
- UTILITY PIPE MATERIALS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLAN:
 - WATER PIPES SHALL BE (TYPE(S))
 - SANITARY SEWER PIPES SHALL BE POLYVINYL CHLORIDE (PVC) SEWER PIPE
 - STORM DRAINAGE PIPES SHALL BE (TYPE(S))
 - PIPE INSTALLATION AND MATERIALS SHALL COMPLY WITH THE STATE PLUMBING CODE WHERE APPLICABLE. CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING INSPECTOR PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR AND SHALL FURNISH EXCAVATION, INSTALLATION, AND BACKFILL OF ELECTRICAL FURNISHED SITEWORK 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.
- CONTRACTOR SHALL EXCAVATE AND BACKFILL TRENCHES FOR GAS IN ACCORDANCE WITH GAS COMPANY'S REQUIREMENTS.
- ALL DRAINAGE AND 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.

Layout and Materials

- DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
- CURB RADII ARE (#) FEET UNLESS OTHERWISE NOTED.
- CURBING SHALL BE (TYPE) WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
- 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.
- PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
- 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.

Demolition

- CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FENCES, UTILITY POLES, SIGNS, ETC. UNLESS INDICATED OTHERWISE ON THE DRAWINGS. 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.
- 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.
- CONTRACTOR SHALL DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND STATUTES.
- 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.
- 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. HOWEVER, 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

- PRIOR TO STARTING ANY OTHER WORK ON THE SITE, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE, AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.
- CONTRACTOR SHALL INSPECT AND MAINTAIN EROSION CONTROL MEASURES ON A WEEKLY BASIS (MINIMUM) OR AS REQUIRED PER THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL ADDRESS DEFICIENCIES AND MAINTENANCE ITEMS WITHIN TWENTY-FOUR HOURS OF INSPECTION. CONTRACTOR SHALL PROPERLY DISPOSE OF SEDIMENT SUCH THAT IT DOES NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT.
- CONTRACTOR SHALL PERFORM CONSTRUCTION SEQUENCING SUCH THAT EARTH MATERIALS ARE EXPOSED FOR A MINIMUM OF TIME BEFORE THEY ARE COVERED, SEEDED, OR OTHERWISE STABILIZED TO PREVENT EROSION.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, CONTRACTOR SHALL REMOVE AND DISPOSE OF EROSION CONTROL MEASURES AND CLEAN SEDIMENT AND DEBRIS FROM ENTIRE DRAINAGE AND SEWER SYSTEMS.

Existing Conditions Information

- BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY M/S ENGINEERING AND LAND SURVEYING. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY M/S ENGINEERING AND LAND SURVEYING.
 - DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB
 - FLAGS MARKING THE WETLANDS WERE LOCATED BY: VHB VIA GPS
 - TOPOGRAPHY: ELEVATIONS ARE BASED ON (NGVD).
 - GEOTECHNICAL DATA INCLUDING TEST PIT AND BORING LOCATIONS AND ELEVATIONS WERE OBTAINED FROM TECTONIC.
- Document Use**
- 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.
 - 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.
 - 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.

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Key Plan

Description	Date
Filing Set	06/17/22



Project
Storm King Art Center Site Development

Seal

NOT FOR CONSTRUCTION
Drawing Title
Legend and General Notes

Date	06/17/22
Scale	N/A
Drawing Number	C-101
Sheet Size	ARCH D



SURVEY NOTE:
 EXISTING CONDITIONS SURVEY PERFORMED BY MJS
 ENGINEERING AND LAND SURVEYING, PC

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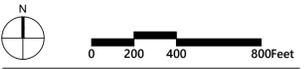
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Key Plan



Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
**Site
 Development**

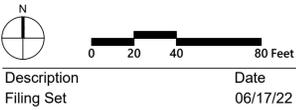
Seal

NOT FOR CONSTRUCTION
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Date	06/17/22
Scale	1" = 400'
Drawing Number	C-102
Sheet Size	ARCH D



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- Facade**
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 New York, NY 10002
 +1 (212) 242-2220
- Key Plan**



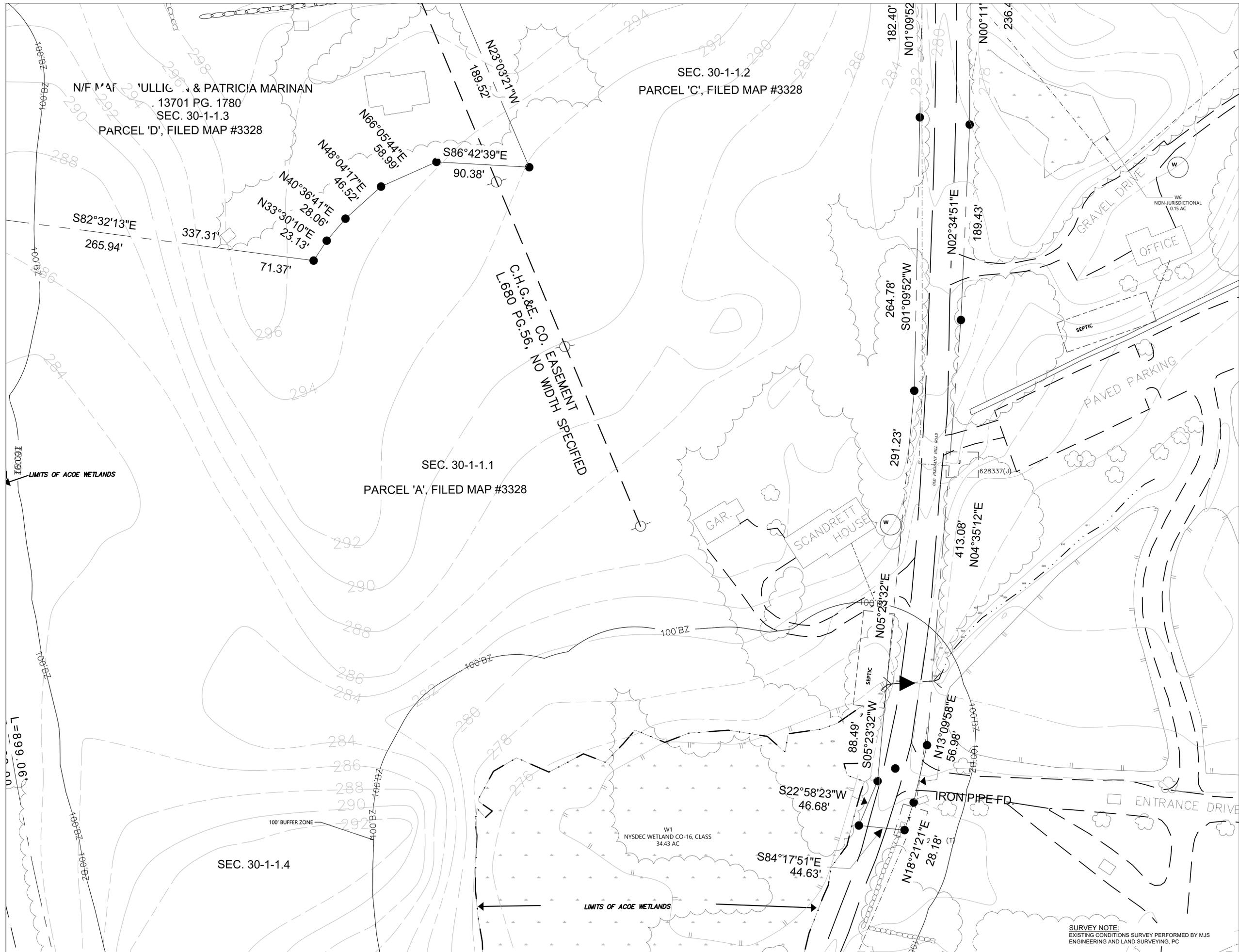
Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Existing Conditions
 Plan - Administration
 Building

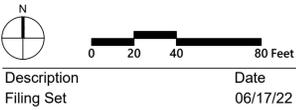
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Sheet Size	ARCH D

SURVEY NOTE:
 EXISTING CONDITIONS SURVEY PERFORMED BY MJS
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Key Plan



Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Existing Conditions
 Plan - North Parking
 and Welcome
 Pavilions

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-104
Sheet Size	ARCH D

SURVEY NOTE:
 EXISTING CONDITIONS SURVEY PERFORMED BY MJS
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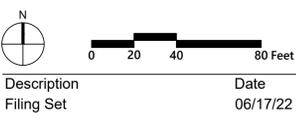
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Key Plan



Description	Date
Filing Set	06/17/22

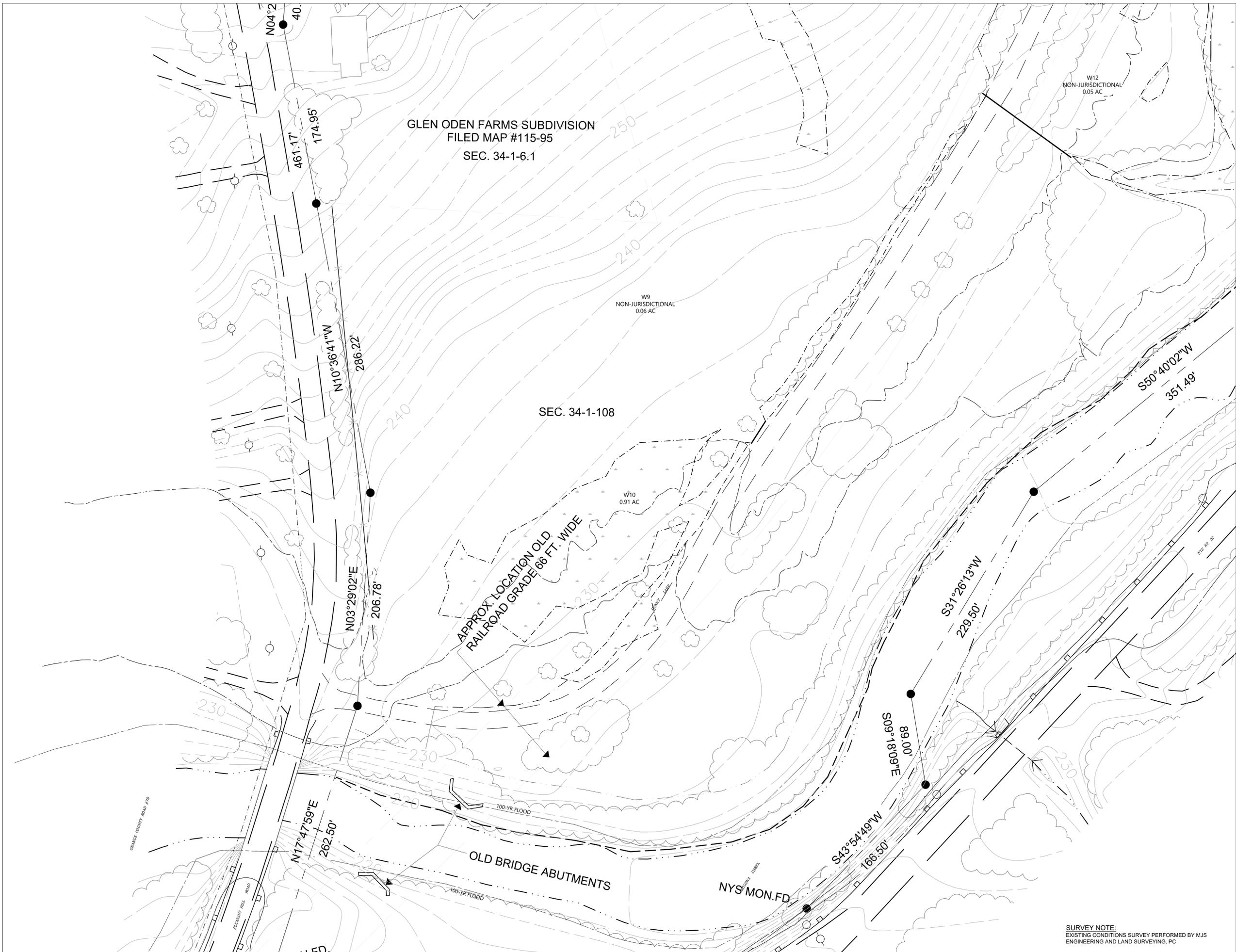
Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Existing Conditions
 Plan - Pond Pavilion

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-105
Sheet Size	ARCH D

SURVEY NOTE:
 EXISTING CONDITIONS SURVEY PERFORMED BY MJS
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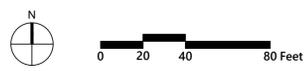
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Key Plan



Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Existing Conditions
 Plan - C.F.M Building

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-106
Sheet Size	ARCH D

SURVEY NOTE:
 EXISTING CONDITIONS SURVEY PERFORMED BY MJS
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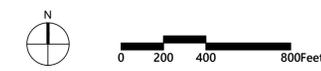
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Key Plan



Description	Date
Filing Set	06/17/22

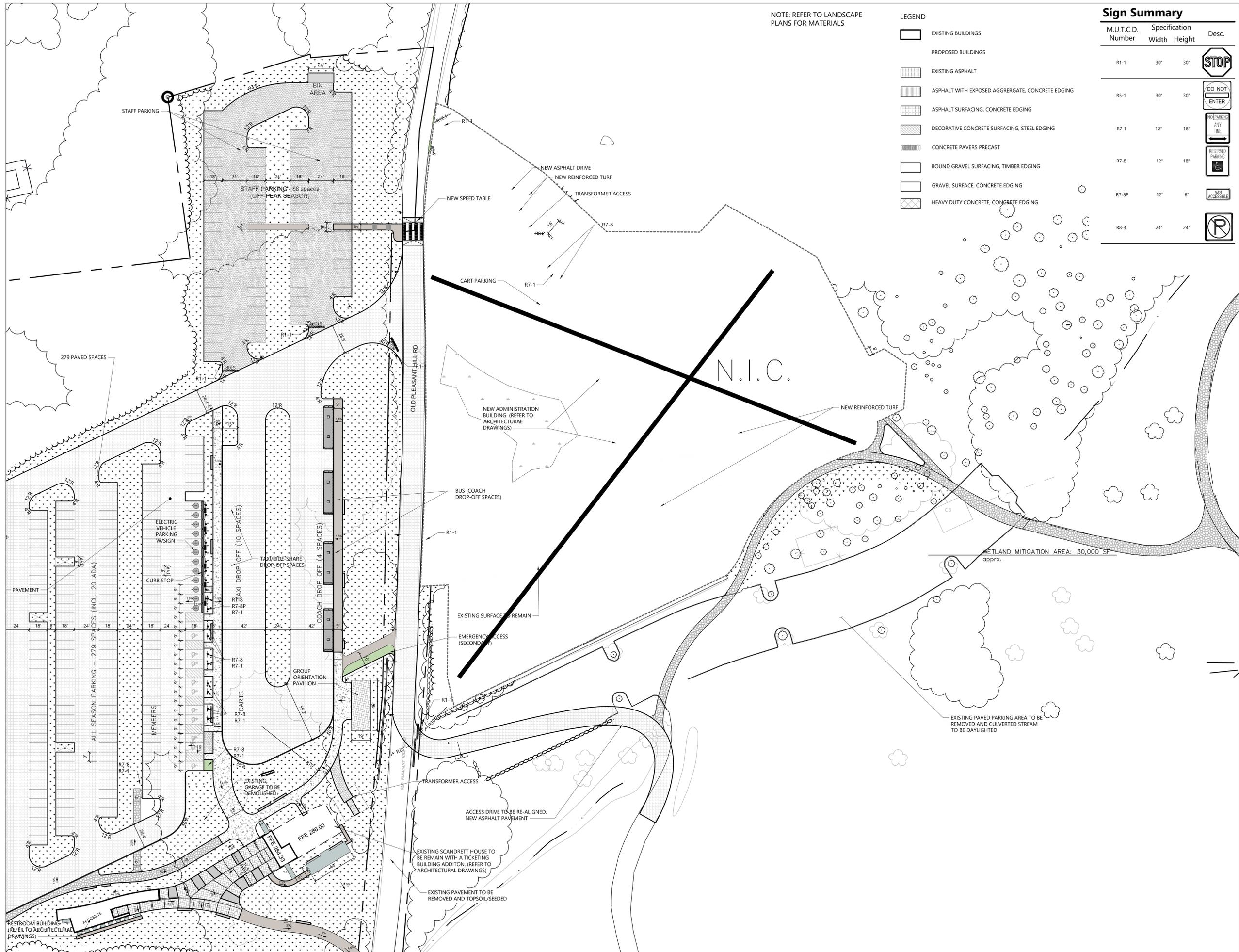
Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Layout and Material
 Plan - Overall

Date	06/17/22
Scale	1" = 400'
Drawing Number	C-201
Sheet Size	ARCH D

SURVEY NOTE:
 EXISTING CONDITIONS SURVEY PERFORMED BY MJS
 ENGINEERING AND LAND SURVEYING, PC



NOTE: REFER TO LANDSCAPE PLANS FOR MATERIALS

LEGEND

[Symbol]	EXISTING BUILDINGS
[Symbol]	PROPOSED BUILDINGS
[Symbol]	EXISTING ASPHALT
[Symbol]	ASPHALT WITH EXPOSED AGGREGATE, CONCRETE EDGING
[Symbol]	ASPHALT SURFACING, CONCRETE EDGING
[Symbol]	DECORATIVE CONCRETE SURFACING, STEEL EDGING
[Symbol]	CONCRETE PAVERS PRECAST
[Symbol]	BOUND GRAVEL SURFACING, TIMBER EDGING
[Symbol]	GRAVEL SURFACE, CONCRETE EDGING
[Symbol]	HEAVY DUTY CONCRETE, CONCRETE EDGING

Sign Summary

M.U.T.C.D. Number	Specification	Width	Height	Desc.
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R5-1		30"	30"	DO NOT ENTER
R7-1		12"	18"	NO PARKING ANY TIME
R7-8		12"	18"	RESERVED PARKING
R7-8P		12"	6"	HAN ACCESSIBLE
R8-3		24"	24"	P

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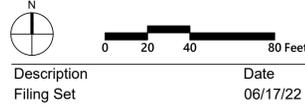
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Key Plan



Description: Filing Set
 Date: 06/17/22

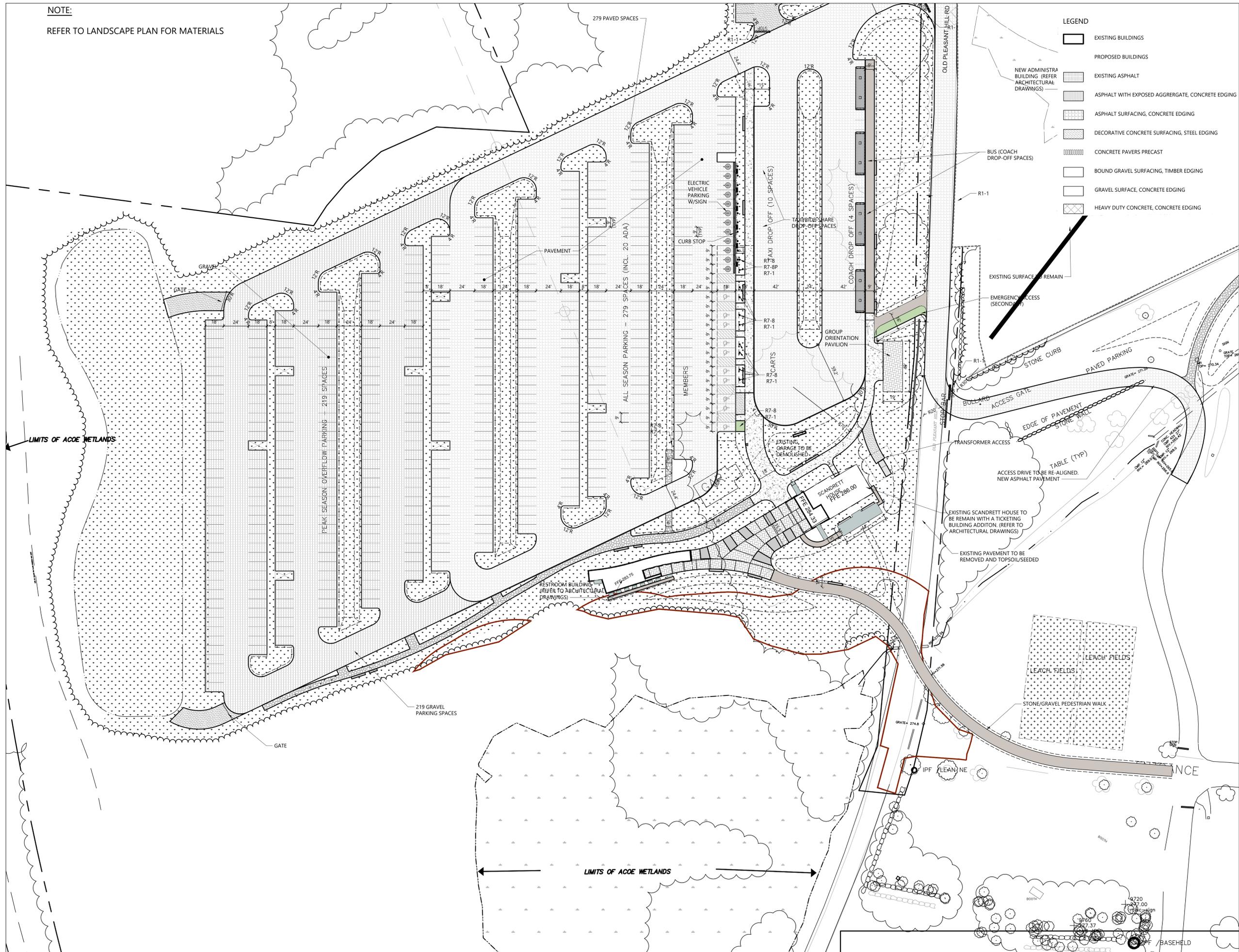
Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Layout and Material
 Plan - Administration
 Building

Date: 06/17/22
 Scale: 1" = 40'
 Drawing Number: C-202
 Sheet Size: ARCH D

NOTE:
REFER TO LANDSCAPE PLAN FOR MATERIALS



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Key Plan

N

0 20 40 80 Feet

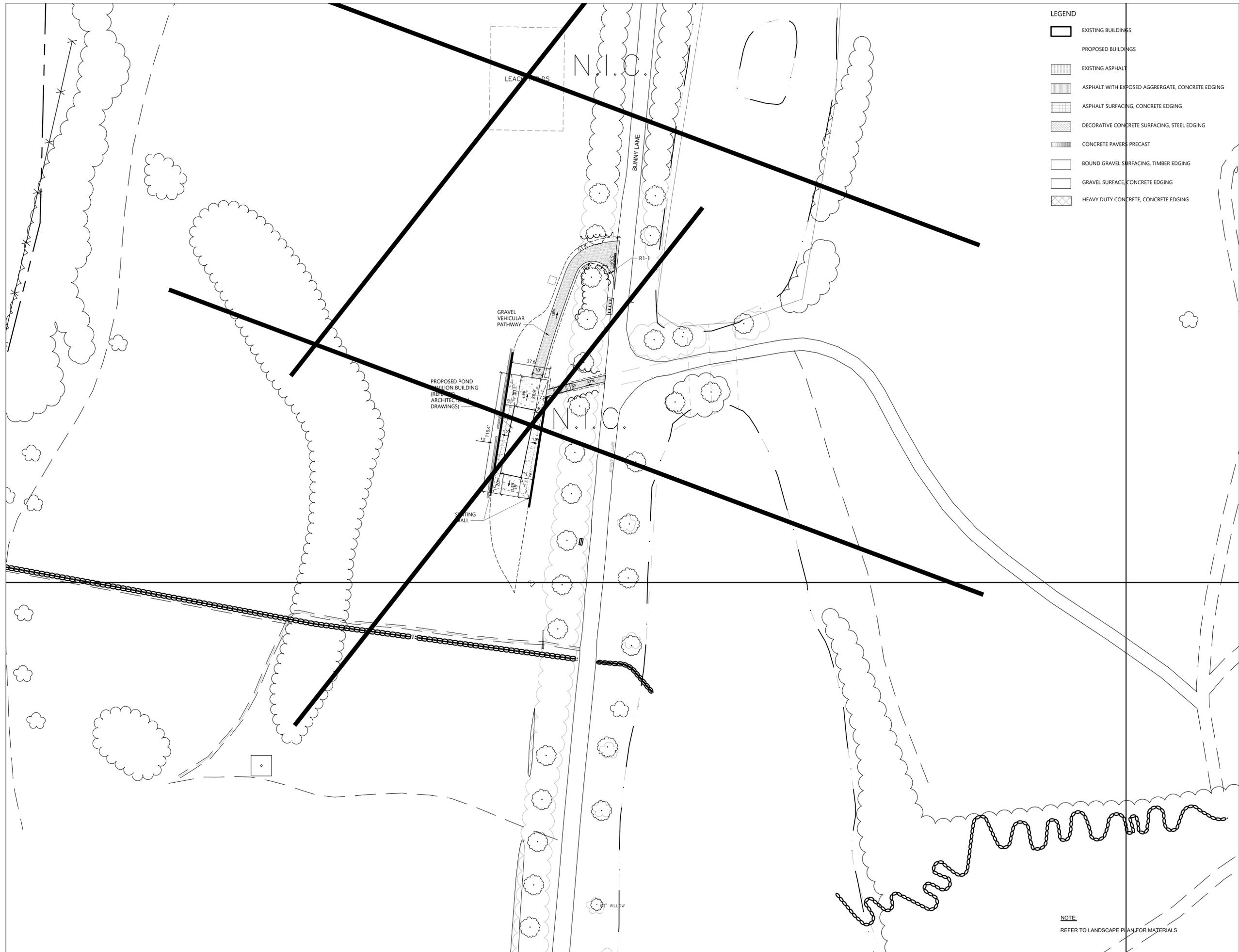
Description	Date
Filing Set	06/17/22

Project
Storm King
Art Center
**Site
Development**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Layout and Material
Plan - North Parking
and Welcome
Pavilions

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-203
Sheet Size	ARCH D



LEGEND

	EXISTING BUILDINGS
	PROPOSED BUILDINGS
	EXISTING ASPHALT
	ASPHALT WITH EXPOSED AGGRREGATE, CONCRETE EDGING
	ASPHALT SURFACING, CONCRETE EDGING
	DECORATIVE CONCRETE SURFACING, STEEL EDGING
	CONCRETE PAVERS, PRECAST
	BOUND GRAVEL SURFACING, TIMBER EDGING
	GRAVEL SURFACE, CONCRETE EDGING
	HEAVY DUTY CONCRETE, CONCRETE EDGING

NOTE:
REFER TO LANDSCAPE PLAN FOR MATERIALS

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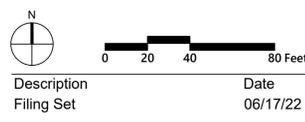
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Key Plan



Project
Storm King
Art Center
**Site
Development**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Layout and Material
Plan - Pond Pavilion

Date: 06/17/22
Scale: 1" = 40'
Drawing Number: **C-204**
Sheet Size: ARCH D

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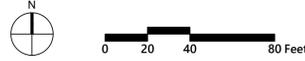
REFER TO LANDSCAPE PLAN FOR MATERIALS

LEGEND

-  EXISTING BUILDINGS
-  PROPOSED BUILDINGS
-  EXISTING ASPHALT
-  ASPHALT WITH EXPOSED AGGRREGATE, CONCRETE EDGING
-  ASPHALT SURFACING, CONCRETE EDGING
-  DECORATIVE CONCRETE SURFACING, STEEL EDGING
-  CONCRETE PAVERS PRECAST
-  BOUND GRAVEL SURFACING, TIMBER EDGING
-  GRAVEL SURFACE, CONCRETE EDGING
-  HEAVY DUTY CONCRETE, CONCRETE EDGING

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- Key Plan**

N



0 20 40 80 Feet

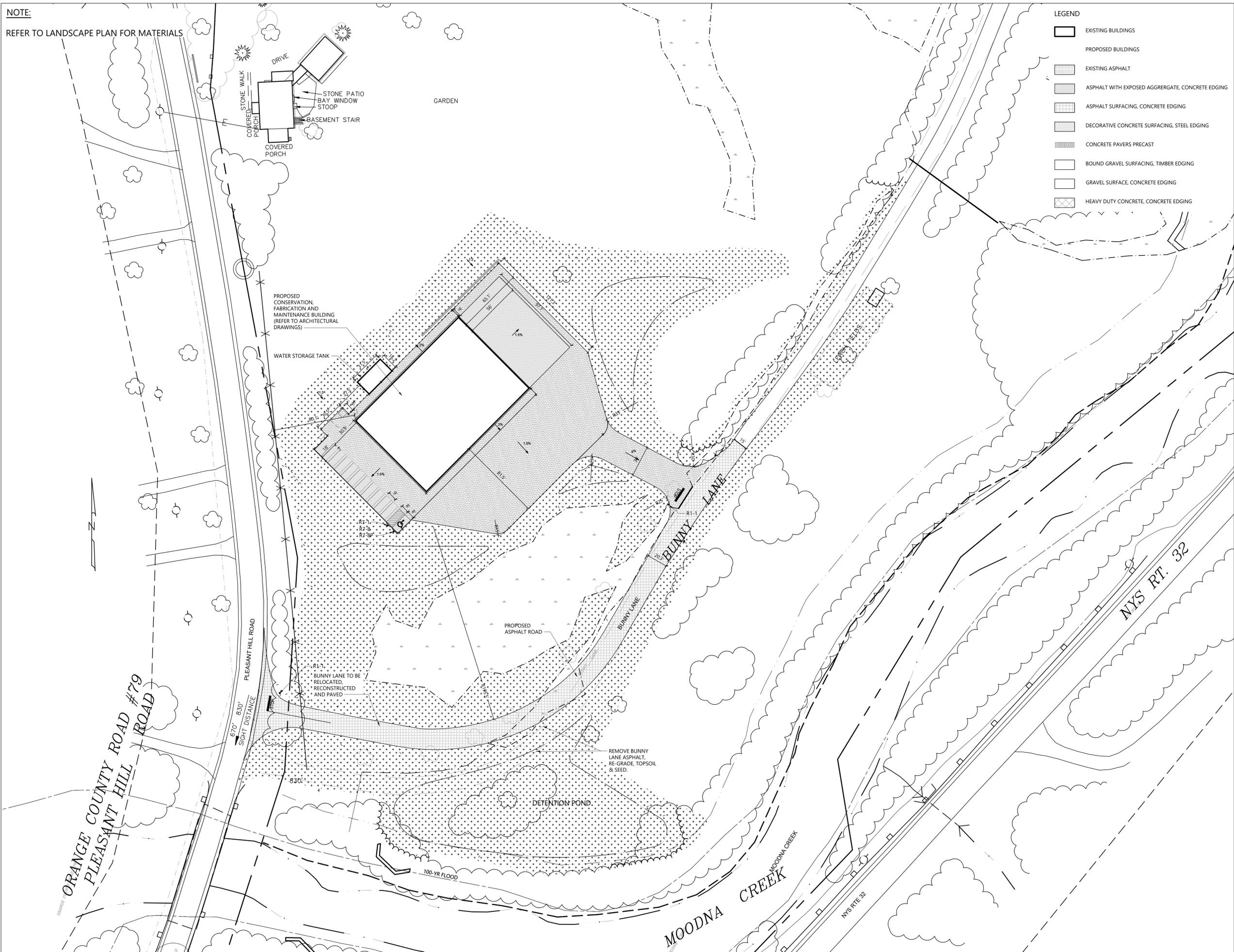
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Filing Set	06/17/22

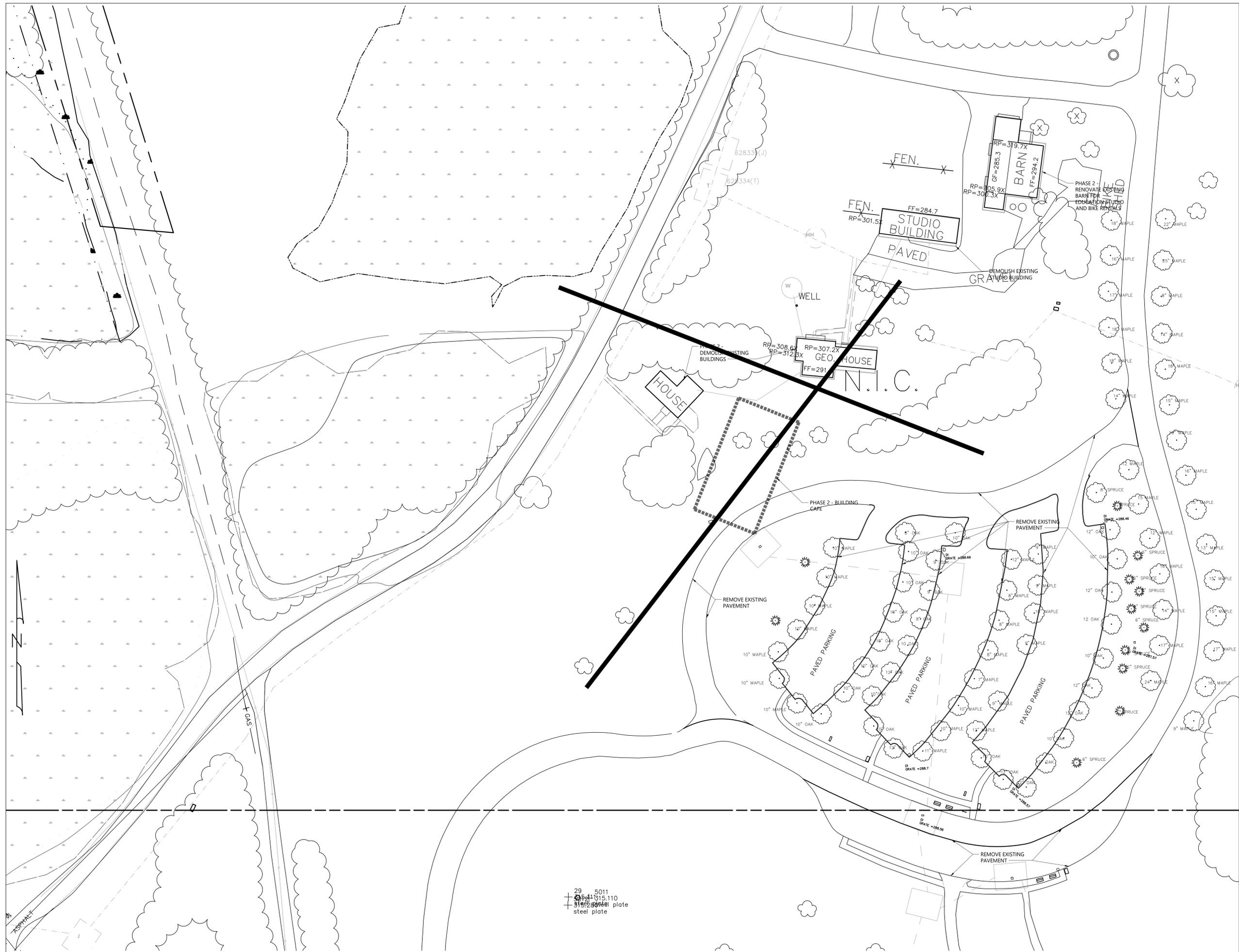
Project
Storm King
Art Center
**Site
Development**

Seal

NOT FOR CONSTRUCTION
Drawing Title
Layout and Material
Plan - C.F.M. Building

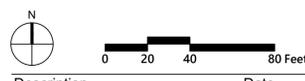
Date	06/17/22
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Drawing Number	C-205
Sheet Size	ARCH D





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Key Plan



Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Layout and Material
 Plan - Phase 2
 Education Barn

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-206
Sheet Size	ARCH D

29 5011
 3152 3151.110
 steel plate



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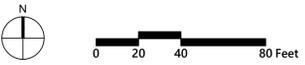
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Key Plan



Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Layout and Material
 Plan - Phase 2
 Exhibition Gallery

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-207
Sheet Size	ARCH D



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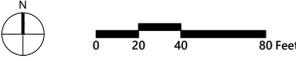
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Key Plan



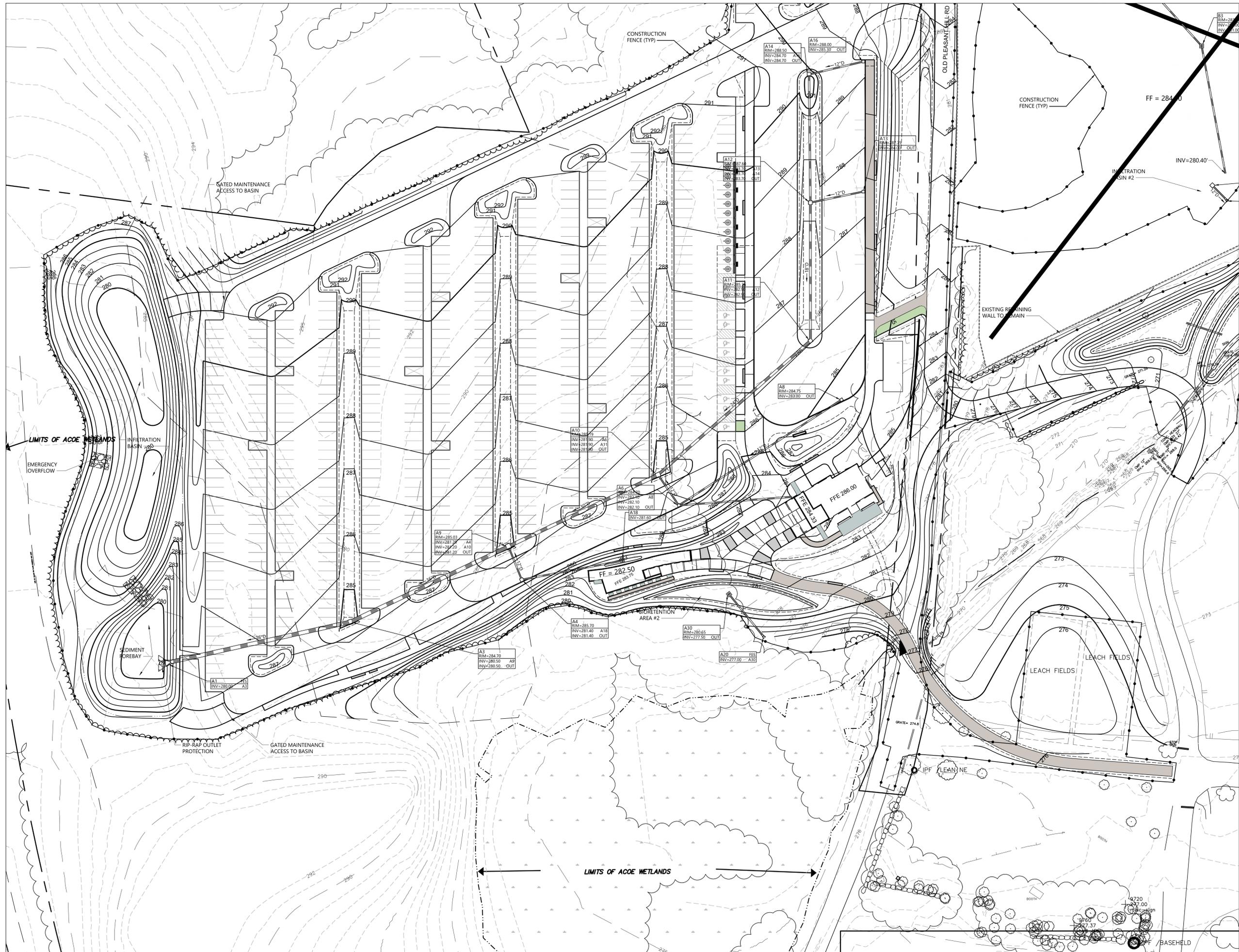
Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

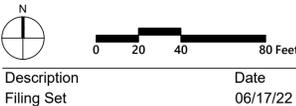
Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Grading and
 Drainage Plan -
 Administration
 Building

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-301
Sheet Size	ARCH D



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- Key Plan**



Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Grading and
 Drainage Plan - North
 Parking and Welcome
 Pavilions

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-302
Sheet Size	ARCH D



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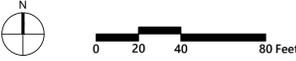
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Key Plan



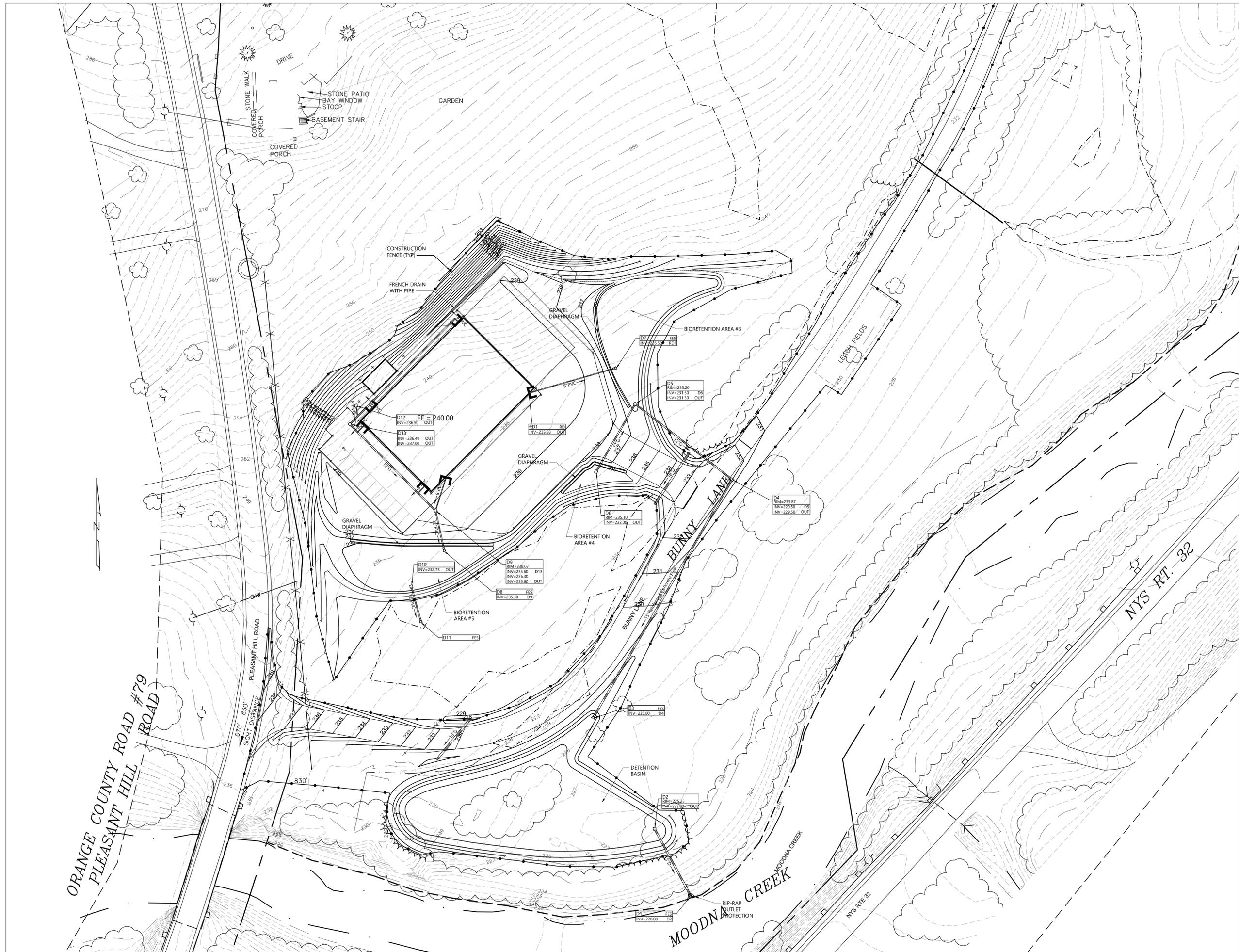
Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Grading and
 Drainage Plan - Pond
 Pavilion

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-303
Sheet Size	ARCH D



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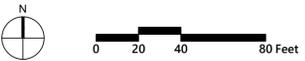
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Key Plan



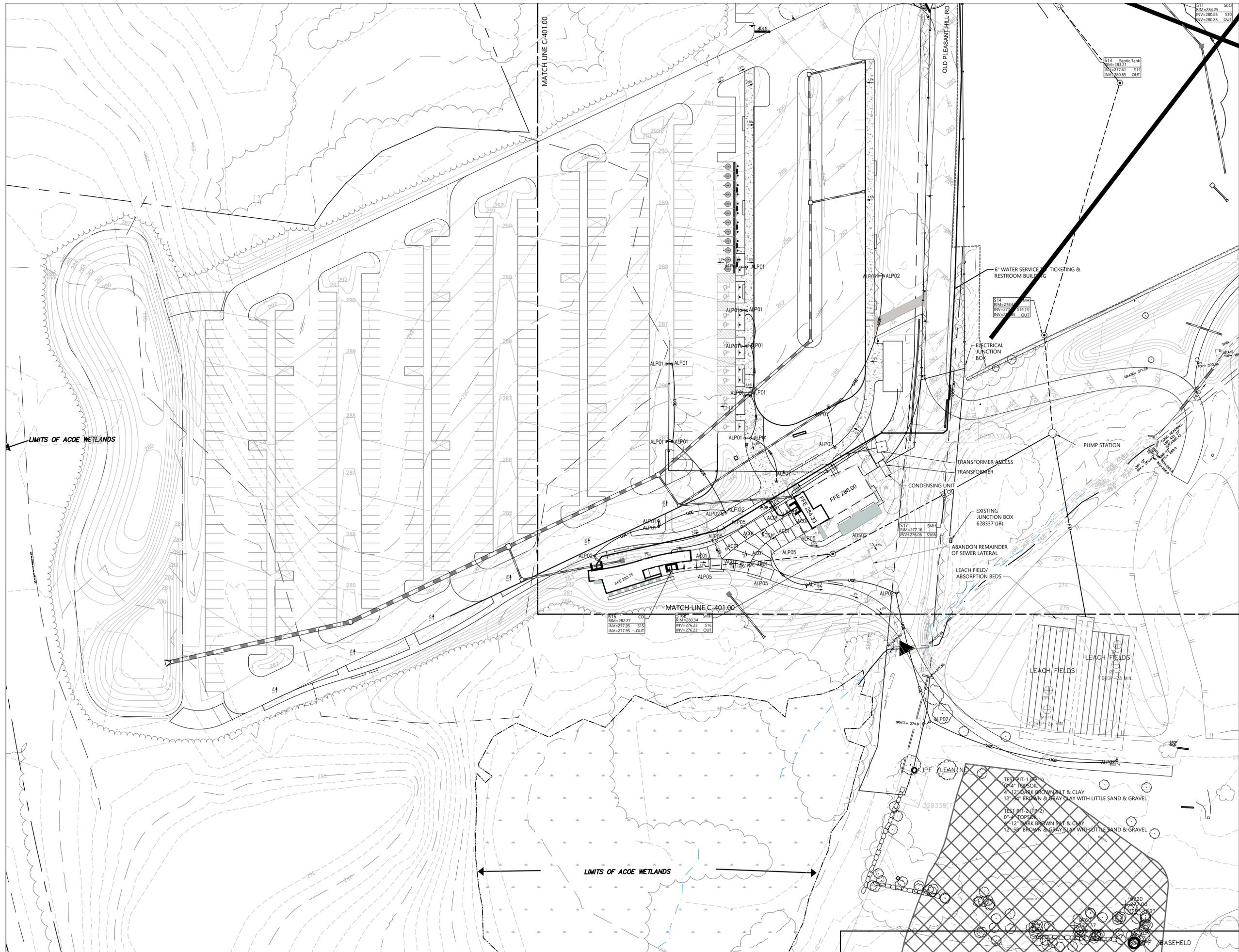
Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Grading and
 Drainage Plan - C.F.M.
 Building

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-304
Sheet Size	ARCH D



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Description		Date
Filing Set		06/17/22

Project
Storm King
Art Center
Site
Development

Seal

NOT FOR CONSTRUCTION
Drawing Title
Utility Plan - North
Parking and Welcome
Pavilions

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-402
Sheet Size	ARCH D



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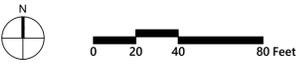
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Key Plan



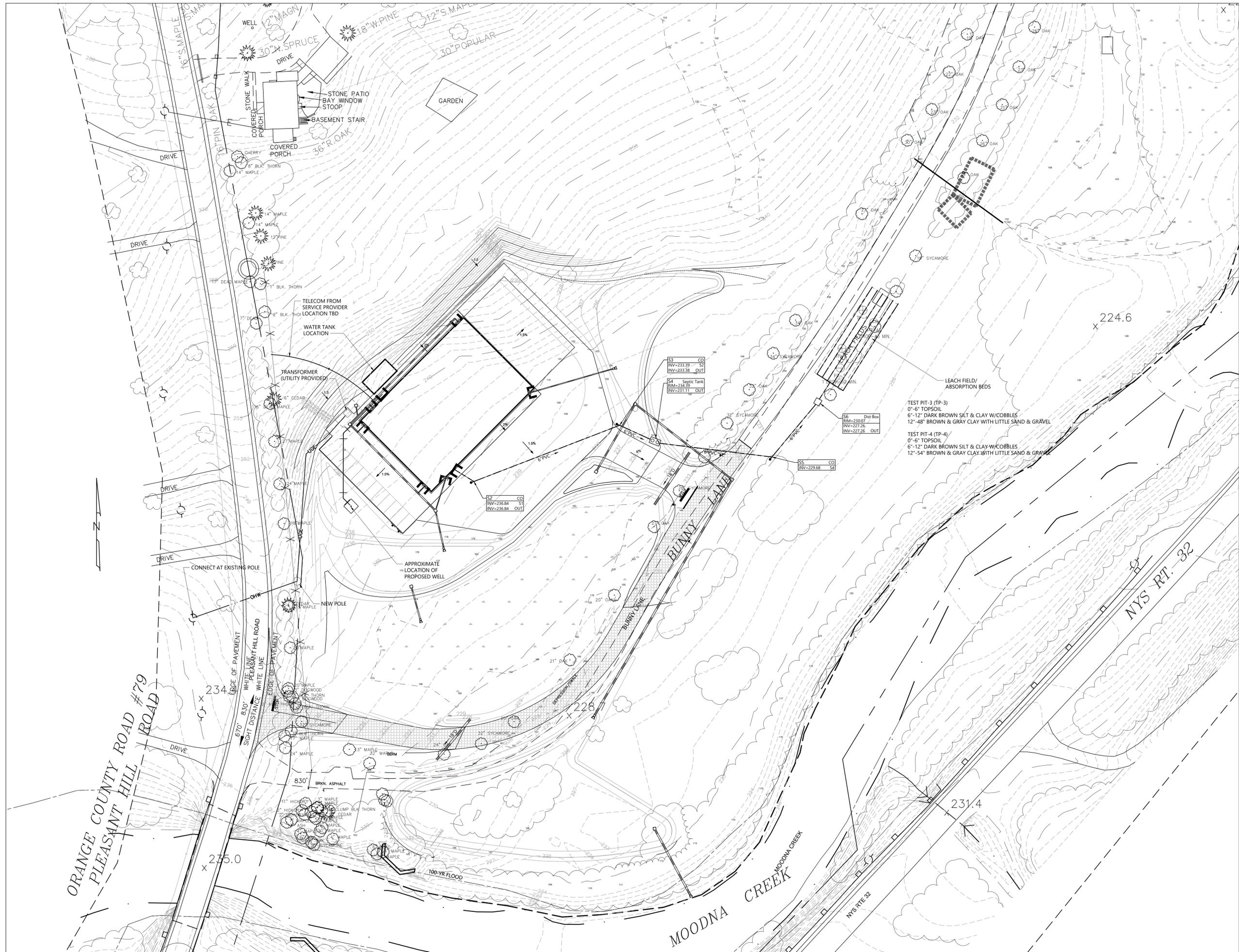
Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Utility Plan -
 Pond Pavilion

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-403
Sheet Size	ARCH D



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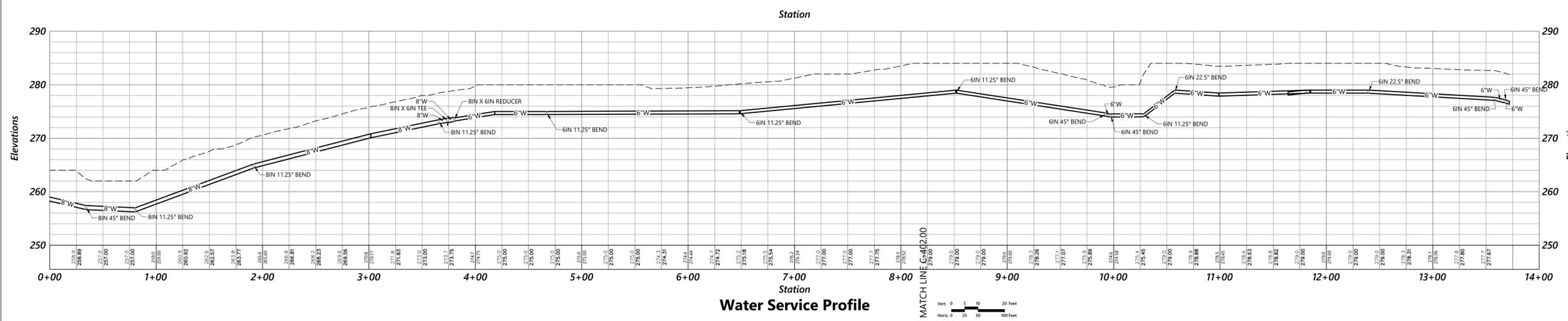
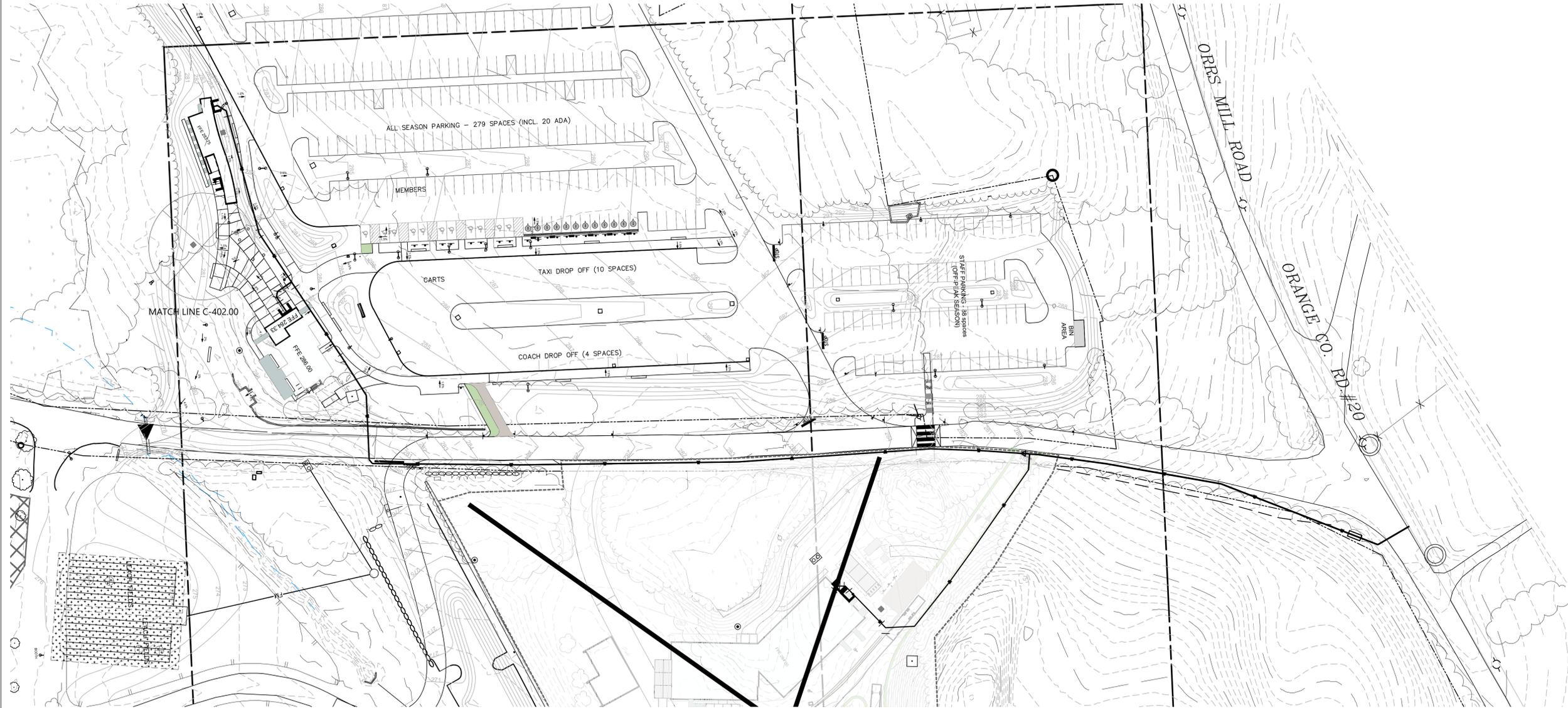
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Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
**Site
 Development**

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Utility Plan -
 C.F.M. Building

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-404
Sheet Size	ARCH D



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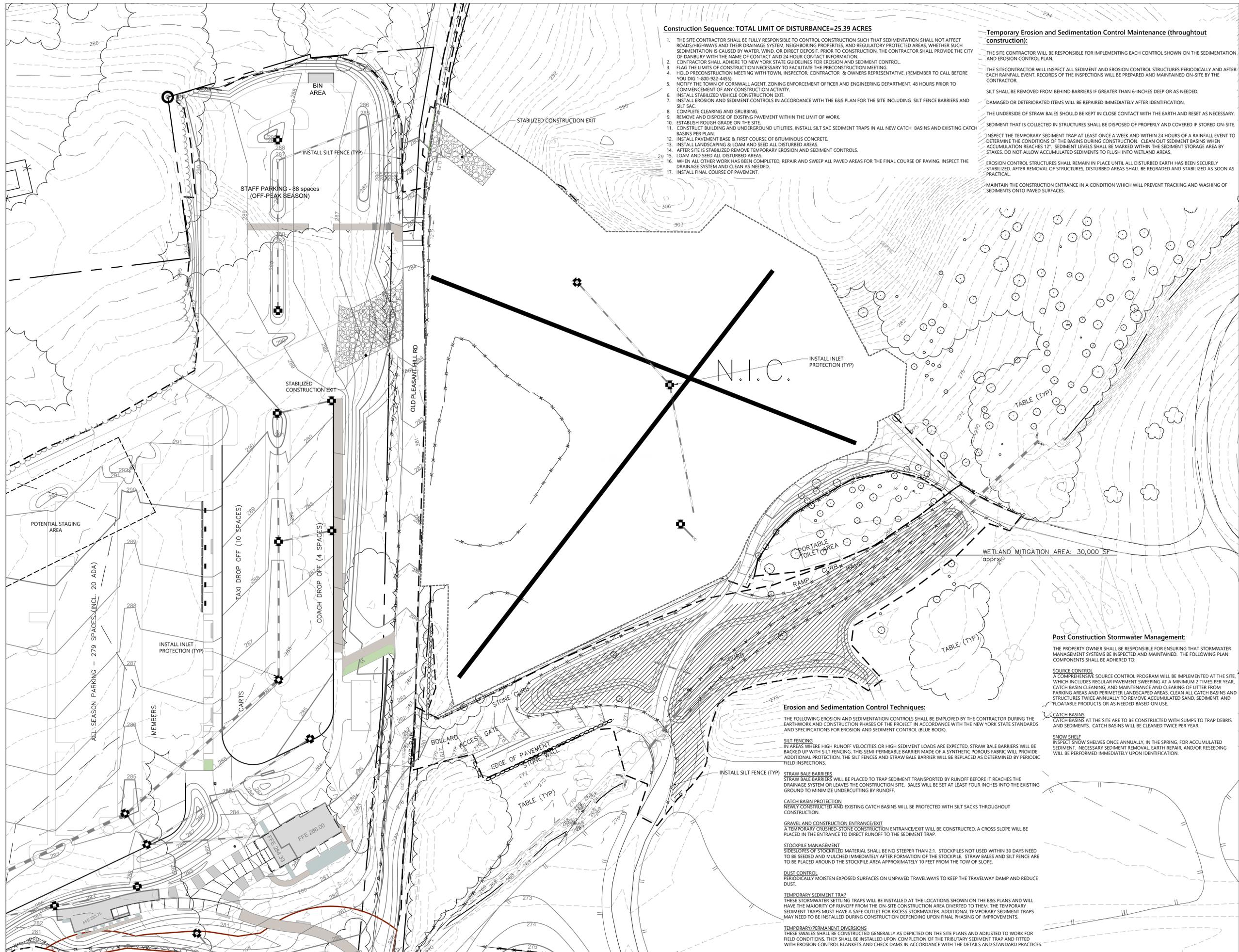
Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Utility Plan -
 Water Main- Plan &
 Profile

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-405
Sheet Size	ARCH D



Construction Sequence: TOTAL LIMIT OF DISTURBANCE=25.39 ACRES

1. THE SITE CONTRACTOR SHALL BE FULLY RESPONSIBLE TO CONTROL CONSTRUCTION SUCH THAT SEDIMENTATION SHALL NOT AFFECT ROADS/HIGHWAYS AND THEIR DRAINAGE SYSTEM, NEIGHBORING PROPERTIES, AND REGULATORY PROTECTED AREAS, WHETHER SUCH SEDIMENTATION IS CAUSED BY WATER, WIND, OR DIRECT DEPOSIT. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE CITY OF DANBURY WITH THE NAME OF CONTACT AND 24 HOUR CONTACT INFORMATION.
2. CONTRACTOR SHALL ADHERE TO NEW YORK STATE GUIDELINES FOR EROSION AND SEDIMENT CONTROL.
3. FLAG THE LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRECONSTRUCTION MEETING.
4. HOLD PRECONSTRUCTION MEETING WITH TOWN, INSPECTOR, CONTRACTOR, & OWNERS REPRESENTATIVE. (REMEMBER TO CALL BEFORE YOU DIG 1-800-922-4455).
5. NOTIFY THE TOWN OF CORNWALL AGENT, ZONING ENFORCEMENT OFFICER AND ENGINEERING DEPARTMENT, 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY.
6. INSTALL STABILIZED VEHICLE CONSTRUCTION EXIT.
7. INSTALL EROSION AND SEDIMENT CONTROLS IN ACCORDANCE WITH THE E&S PLAN FOR THE SITE INCLUDING SILT FENCE BARRIERS AND SILT SAC.
8. COMPLETE CLEARING AND GRUBBING.
9. REMOVE AND DISPOSE OF EXISTING PAVEMENT WITHIN THE LIMIT OF WORK.
10. ESTABLISH ROUGH GRADE ON THE SITE.
11. CONSTRUCT BUILDING AND UNDERGROUND UTILITIES. INSTALL SILT SAC SEDIMENT TRAPS IN ALL NEW CATCH BASINS AND EXISTING CATCH BASINS PER PLAN.
12. INSTALL PAVEMENT BASE & FIRST COURSE OF BITUMINOUS CONCRETE.
13. INSTALL LANDSCAPING & LOAM AND SEED ALL DISTURBED AREAS.
14. AFTER SITE IS STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS.
15. LOAM AND SEED ALL DISTURBED AREAS.
16. WHEN ALL OTHER WORK HAS BEEN COMPLETED, REPAIR AND SWEEP ALL PAVED AREAS FOR THE FINAL COURSE OF PAVING. INSPECT THE DRAINAGE SYSTEM AND CLEAN AS NEEDED.
17. INSTALL FINAL COURSE OF PAVEMENT.

Temporary Erosion and Sedimentation Control Maintenance (throughout construction):

THE SITE CONTRACTOR WILL BE RESPONSIBLE FOR IMPLEMENTING EACH CONTROL SHOWN ON THE SEDIMENTATION AND EROSION CONTROL PLAN.

THE SITE CONTRACTOR WILL INSPECT ALL SEDIMENT AND EROSION CONTROL STRUCTURES PERIODICALLY AND AFTER EACH RAINFALL EVENT. RECORDS OF THE INSPECTIONS WILL BE PREPARED AND MAINTAINED ON-SITE BY THE CONTRACTOR.

SILT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6-INCHES DEEP OR AS NEEDED. DAMAGED OR DETERIORATED ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

THE UNDERSIDE OF STRAW BALES SHOULD BE KEPT IN CLOSE CONTACT WITH THE EARTH AND RESET AS NECESSARY. SEDIMENT THAT IS COLLECTED IN STRUCTURES SHALL BE DISPOSED OF PROPERLY AND COVERED IF STORED ON-SITE.

INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF A RAINFALL EVENT TO DETERMINE THE CONDITIONS OF THE BASINS DURING CONSTRUCTION. CLEAN OUT SEDIMENT BASINS WHEN ACCUMULATION REACHES 12" SEDIMENT LEVELS SHALL BE MARKED WITHIN THE SEDIMENT STORAGE AREA BY STAKES. DO NOT ALLOW ACCUMULATED SEDIMENTS TO FLUSH INTO WETLAND AREAS.

EROSION CONTROL STRUCTURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. AFTER REMOVAL OF STRUCTURES, DISTURBED AREAS SHALL BE REGRADED AND STABILIZED AS SOON AS PRACTICAL.

MAINTAIN THE CONSTRUCTION ENTRANCE IN A CONDITION WHICH WILL PREVENT TRACKING AND WASHING OF SEDIMENTS ONTO PAVED SURFACES.

Erosion and Sedimentation Control Techniques:

THE FOLLOWING EROSION AND SEDIMENTATION CONTROLS SHALL BE EMPLOYED BY THE CONTRACTOR DURING THE EARTHWORK AND CONSTRUCTION PHASES OF THE PROJECT IN ACCORDANCE WITH THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (BLUE BOOK).

SILT FENCING
IN AREAS WHERE HIGH RUNOFF VELOCITIES OR HIGH SEDIMENT LOADS ARE EXPECTED, STRAW BALE BARRIERS WILL BE BACKED UP WITH SILT FENCING. THIS SEMI-PERMEABLE BARRIER MADE OF A SYNTHETIC POROUS FABRIC WILL PROVIDE ADDITIONAL PROTECTION. THE SILT FENCES AND STRAW BALE BARRIER WILL BE REPLACED AS DETERMINED BY PERIODIC FIELD INSPECTIONS.

STRAW BALE BARRIERS
STRAW BALE BARRIERS WILL BE PLACED TO TRAP SEDIMENT TRANSPORTED BY RUNOFF BEFORE IT REACHES THE DRAINAGE SYSTEM OR LEAVES THE CONSTRUCTION SITE. BALES WILL BE SET AT LEAST FOUR INCHES INTO THE EXISTING GROUND TO MINIMIZE UNDERCUTTING BY RUNOFF.

CATCH BASIN PROTECTION
NEWLY CONSTRUCTED AND EXISTING CATCH BASINS WILL BE PROTECTED WITH SILT SACKS THROUGHOUT CONSTRUCTION.

GRAVEL AND CONSTRUCTION ENTRANCE/EXIT
A TEMPORARY CRUSHED-STONE CONSTRUCTION ENTRANCE/EXIT WILL BE CONSTRUCTED. A CROSS SLOPE WILL BE PLACED IN THE ENTRANCE TO DIRECT RUNOFF TO THE SEDIMENT TRAP.

STOCKPILE MANAGEMENT
SIDESLOPES OF STOCKPILED MATERIAL SHALL BE NO STEEPER THAN 2:1. STOCKPILES NOT USED WITHIN 30 DAYS NEED TO BE SEEDED AND MULCHED IMMEDIATELY AFTER FORMATION OF THE STOCKPILE. STRAW BALES AND SILT FENCE ARE TO BE PLACED AROUND THE STOCKPILE AREA APPROXIMATELY 10 FEET FROM THE TOW OF SLOPE.

DUST CONTROL
PERIODICALLY MOISTEN EXPOSED SURFACES ON UNPAVED TRAVELWAYS TO KEEP THE TRAVELWAY DAMP AND REDUCE DUST.

TEMPORARY SEDIMENT TRAP
THESE STORMWATER SETTLING TRAPS WILL BE INSTALLED AT THE LOCATIONS SHOWN ON THE E&S PLANS AND WILL HAVE THE MAJORITY OF RUNOFF FROM THE ON-SITE CONSTRUCTION AREA DIVERTED TO THEM. THE TEMPORARY SEDIMENT TRAPS MUST HAVE A SAFE OUTLET FOR EXCESS STORMWATER. ADDITIONAL TEMPORARY SEDIMENT TRAPS MAY BE INSTALLED DURING CONSTRUCTION DEPENDING UPON FINAL PHASING OF IMPROVEMENTS.

TEMPORARY/PERMANENT DIVERSIONS
THESE SWALES SHALL BE CONSTRUCTED GENERALLY AS DEPICTED ON THE SITE PLANS AND ADJUSTED TO WORK FOR FIELD CONDITIONS. THEY SHALL BE INSTALLED UPON COMPLETION OF THE TRIBUTARY SEDIMENT TRAP AND FITTED WITH EROSION CONTROL BLANKETS AND CHECK DAMS IN ACCORDANCE WITH THE DETAILS AND STANDARD PRACTICES.

Post Construction Stormwater Management:

THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ENSURING THAT STORMWATER MANAGEMENT SYSTEMS BE INSPECTED AND MAINTAINED. THE FOLLOWING PLAN COMPONENTS SHALL BE ADHERED TO:

SOURCE CONTROL
A COMPREHENSIVE SOURCE CONTROL PROGRAM WILL BE IMPLEMENTED AT THE SITE, WHICH INCLUDES REGULAR PAVEMENT SWEEPING AT A MINIMUM 2 TIMES PER YEAR, CATCH BASIN CLEANING, AND MAINTENANCE AND CLEANING OF LITTER FROM PARKING AREAS AND PERIMETER LANDSCAPED AREAS. CLEAN ALL CATCH BASINS AND STRUCTURES TWICE ANNUALLY TO REMOVE ACCUMULATED SAND, SEDIMENT, AND FLOATABLE PRODUCTS OR AS NEEDED BASED ON USE.

CATCH BASINS
CATCH BASINS AT THE SITE ARE TO BE CONSTRUCTED WITH SLUMPS TO TRAP DEBRIS AND SEDIMENTS. CATCH BASINS WILL BE CLEANED TWICE PER YEAR.

SNOW SHELF
INSPECT SNOW SHELVES ONCE ANNUALLY, IN THE SPRING, FOR ACCUMULATED SEDIMENT. NECESSARY SEDIMENT REMOVAL, EARTH REPAIR, AND/OR RESEEDING WILL BE PERFORMED IMMEDIATELY UPON IDENTIFICATION.

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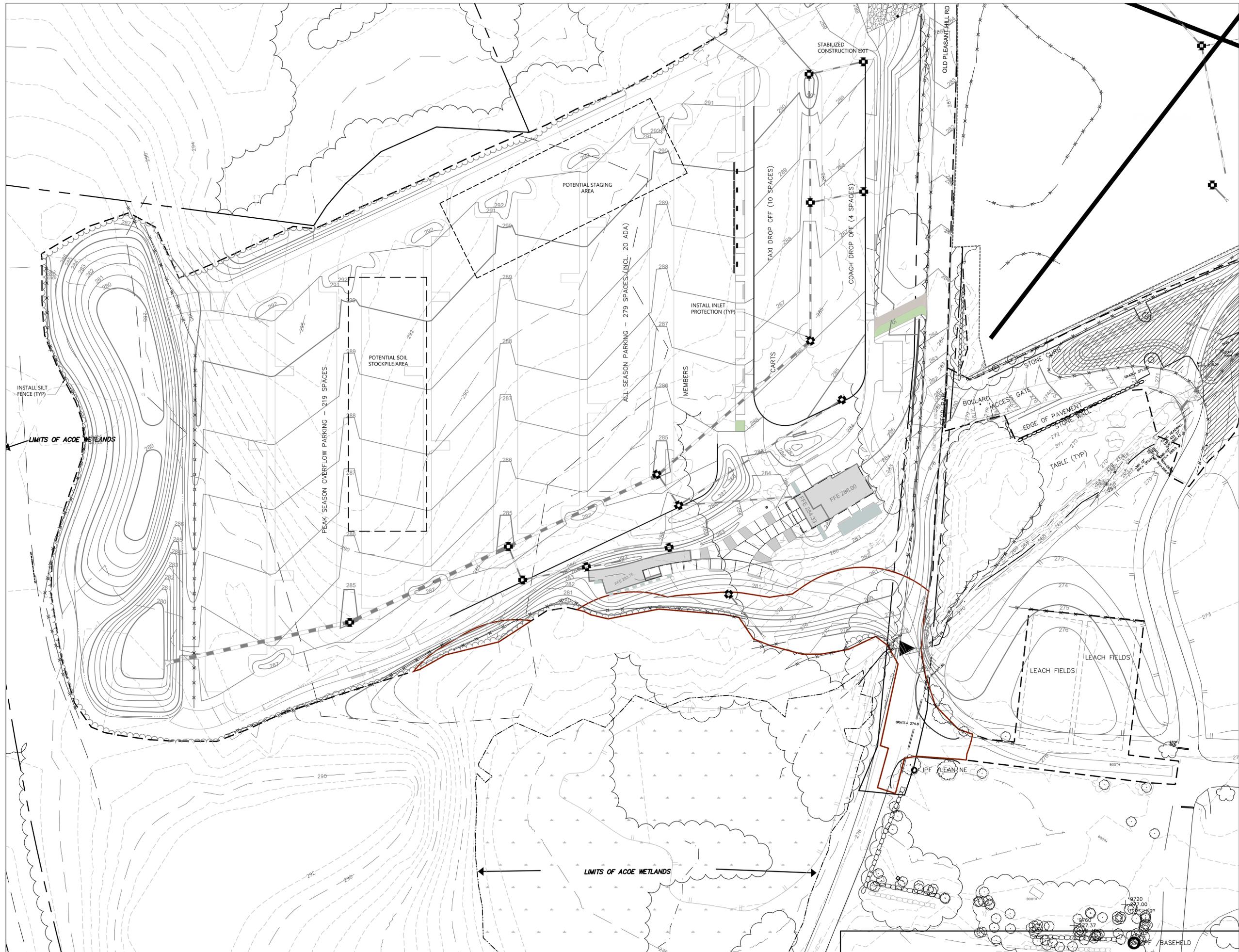
Description Date
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Project
Storm King Art Center Site Development

Seal

NOT FOR CONSTRUCTION
Drawing Title
Erosion and Sediment Control Plan - Administration Building

Date 06/17/22
Scale 1" = 40'
Drawing Number C-501
Sheet Size ARCH D



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Key Plan



0 20 40 80 Feet



Description	Date
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Project
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 Erosion and Sediment
 Control Plan - North
 Parking and Welcome
 Pavilions

Date	06/17/22
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Key Plan



0 20 40 80 Feet



Description	Date
Filing Set	06/17/22

Project
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**Site
 Development**

Seal

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 Drawing Title
 Erosion and Sediment
 Control Plan - Pond
 Pavilion

Date	06/17/22
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Sheet Size	ARCH D



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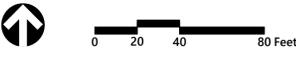
MEPF & IT
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Key Plan



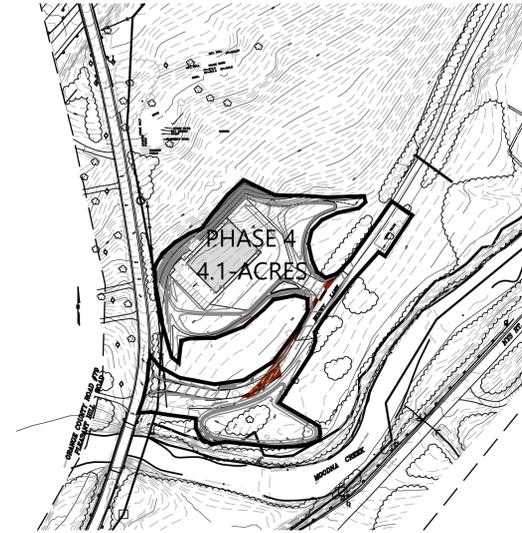
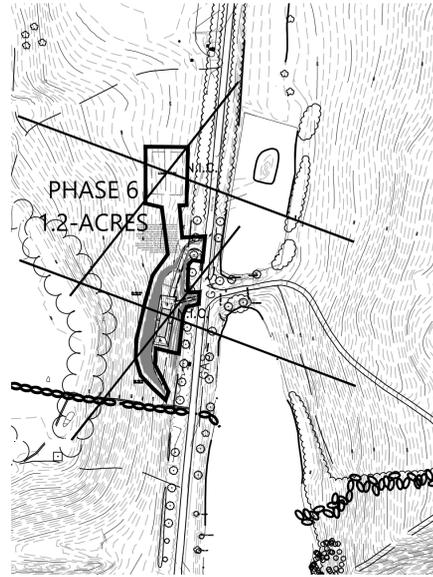
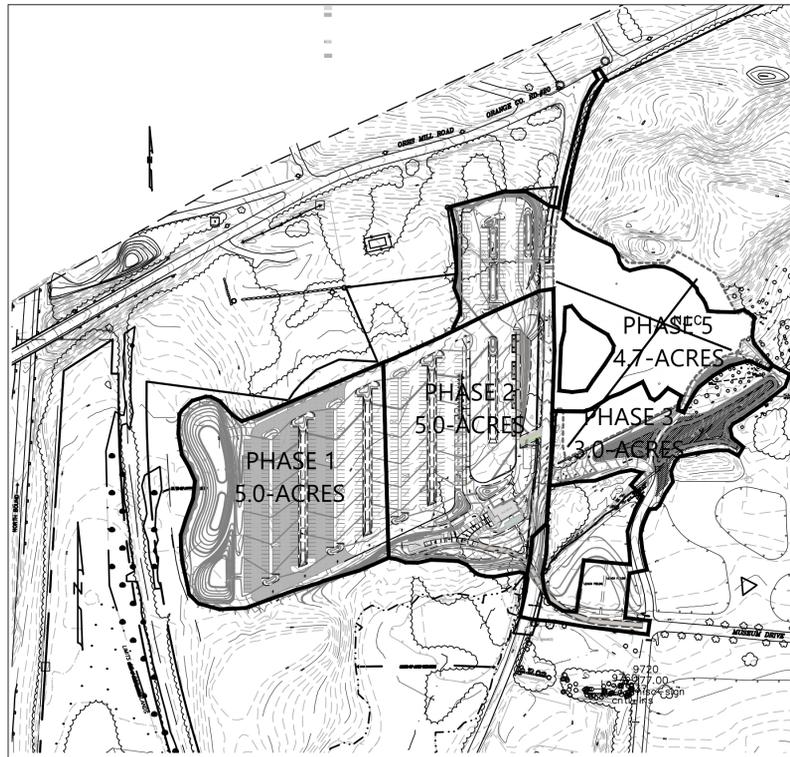
Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

Seal

NOT FOR CONSTRUCTION
 Drawing Title
 Erosion and Sediment
 Control Plan - C.F.M.
 Building

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-504
Sheet Size	ARCH D



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Key Plan



Description	Date
Filing Set	06/17/22

Project

Storm King
 Art Center

**Site
 Development**

Seal

NOT FOR CONSTRUCTION

Drawing Title
 Erosion and Sediment
 Control Phasing Plan

Date 06/17/22

Scale 1" = 200'

Drawing
 Number **C-505**

Sheet Size ARCH D

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Key Plan

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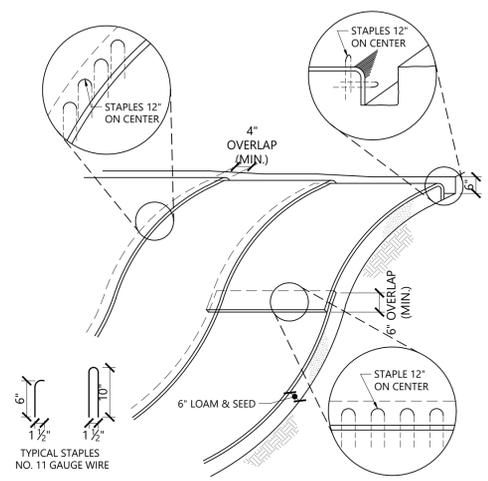
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Project
 Storm King
 Art Center
**Site
 Development**

Seal

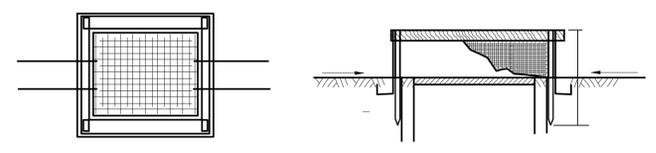
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- NOTES**
- BEGIN AT THE TOP OF BLANKET INSTALLATION AREA BY ANCHORING BLANKET IN A 6" DEEP TRENCH BACKFILL AND COMPACT TRENCH AFTER STAPLING.
 - ROLL THE BLANKET DOWN THE SWALE IN THE DIRECTION OF THE WATER FLOW.
 - THE EDGES OF BLANKETS MUST BE STAPLED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

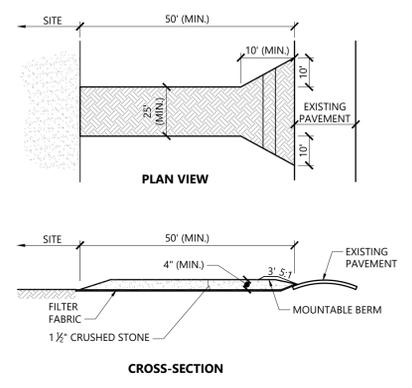
Erosion Control Blanket Slope Installation 1/16
 N.T.S. Source: VHB LD_680



PLAN **ELEVATION**

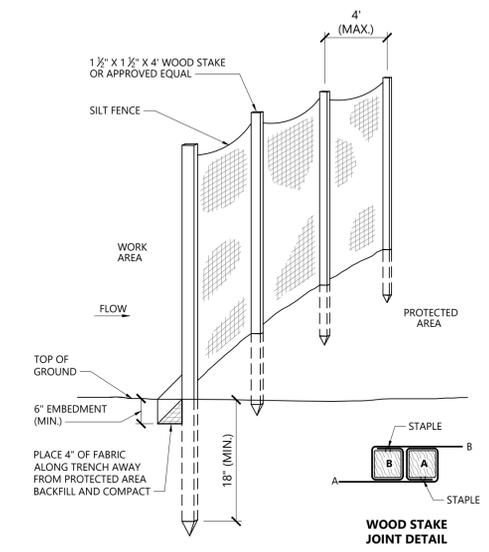
- NOTES:**
- GEOTEXTILE SHALL BE CUT FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NECESSARY THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 - STAKE MATERIAL WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
 - SPACE STAKES EVENLY AROUND INLET WITH A MAXIMUM SPACING OF 3 FEET. DRIVE STAKES 18" MINIMUM INTO GROUND. WIRE MESH MAY BE REQUIRED BEHIND GEOTEXTILE TO PROVIDE SUPPORT.
 - GEOTEXTILE SHALL BE EMBEDDED 12" BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO STAKES AND FRAME.
 - GEOTEXTILE FABRIC SHALL HAVE EOS OF 40-85.
 - A 2"x4" WOOD FRAME SHALL BE FORMED AROUND THE CREST OF FABRIC FOR OVERFLOW STABILITY.
 - INLET PROTECTION TO REMAIN IN PLACE UNTIL AREA IS STABILIZED.

Drop Inlet Protection 1/16
 N.T.S. Source: VHB LD_650



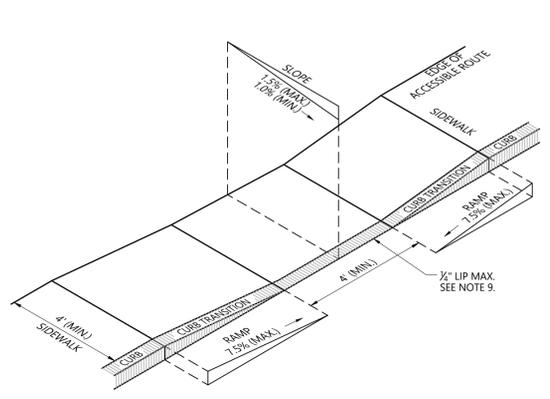
- NOTES**
- EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
 - THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. 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.
 - 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



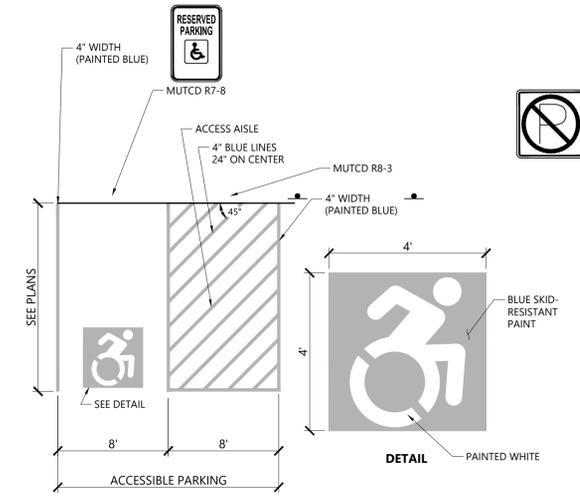
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILUNKA T140N, OR APPROVED EQUIVALENT.
- PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

Silt Fence Barrier 1/16
 N.T.S. Source: VHB REV LD_650



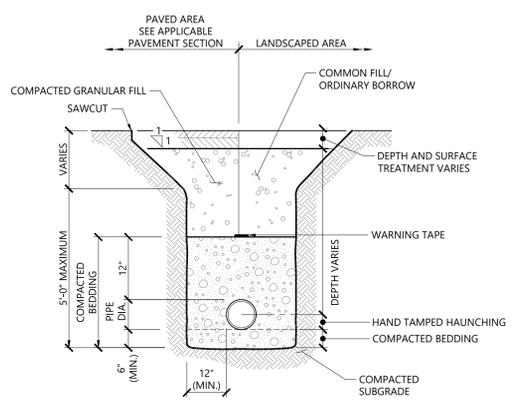
- NOTES**
- THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN).
 - THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMP SHALL BE 5%.
 - THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMP SHALL BE 7.5%.
 - A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED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

Accessible Curb Ramp (ACR) Type 'A' 1/16
 N.T.S. Source: VHB LD_500



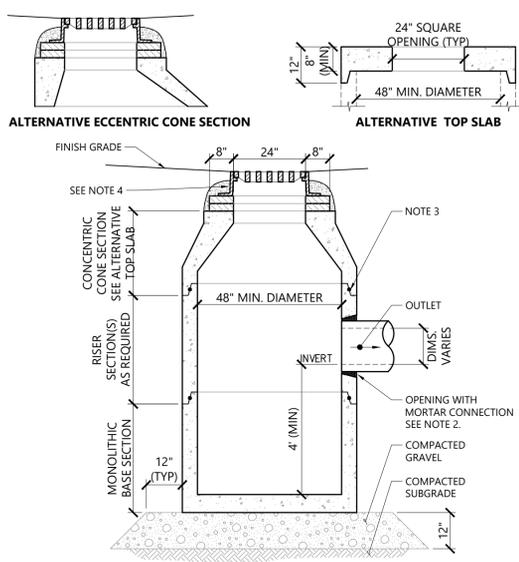
- NOTES**
- ALL DIMENSIONS TO CENTER OF PAVEMENT STRIPING.
 - ALL SLOPES THROUGHOUT THE ACCESSIBLE PARKING AND AISLE AREAS SHALL NOT EXCEED 1.5%.
 - THE ACCESSIBLE SYMBOL DEPICTED ABOVE DOES NOT COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) AND IS SHOWN FOR COMPLIANCE WITH STATE AND LOCAL REGULATIONS ONLY.

Accessible Parking Space 1/16
 N.T.S. Source: VHB LD_552c



- NOTES**
- 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.
 - USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.

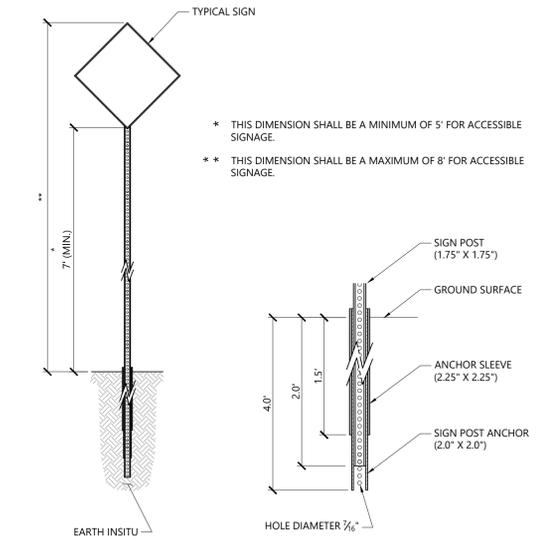
Utility Trench 1/16
 N.T.S. Source: VHB LD_300



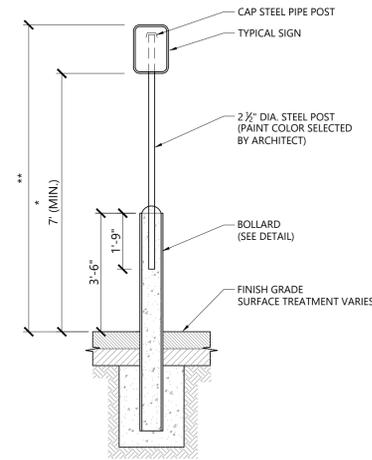
- NOTES**
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
 - PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
 - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
 - CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

Catch Basin (CB) 1/16
 N.T.S. Source: VHB REV LD_100

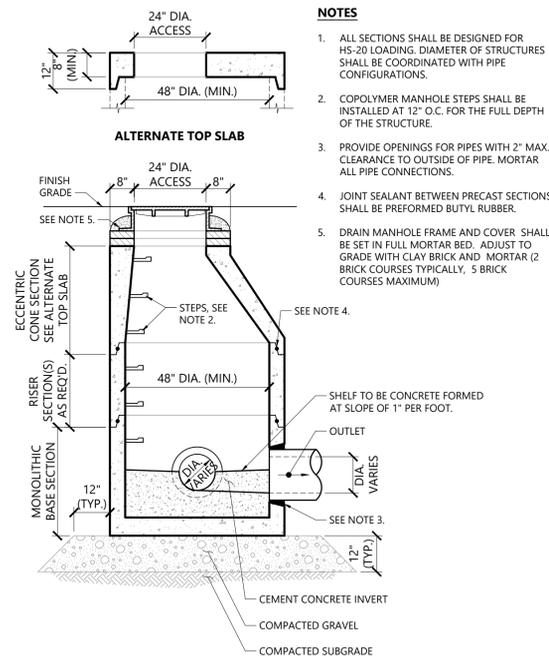
Alternative Eccentric Cone Section
 Alternative Top Slab



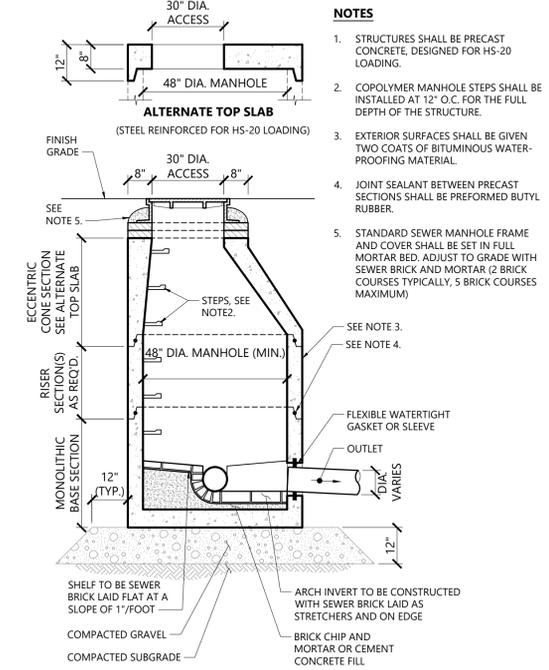
Sign Post - Type 'B' 1/16
N.T.S. Source: VHB LD_702



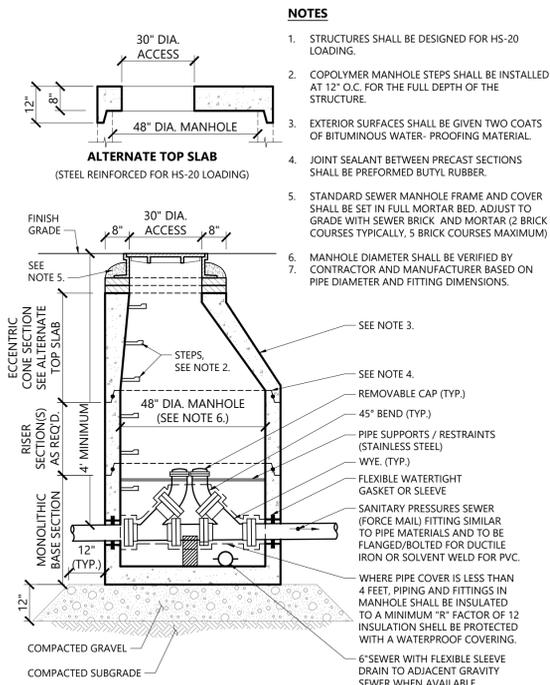
Bollard Mounted Sign 1/16
N.T.S. REsource: VHB LD_703



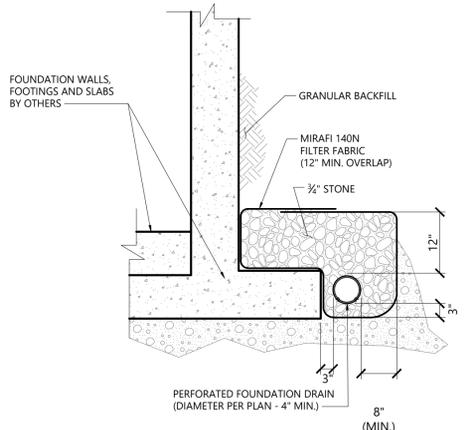
Drain Manhole (DMH) 1/16
N.T.S. Source: VHB LD_115



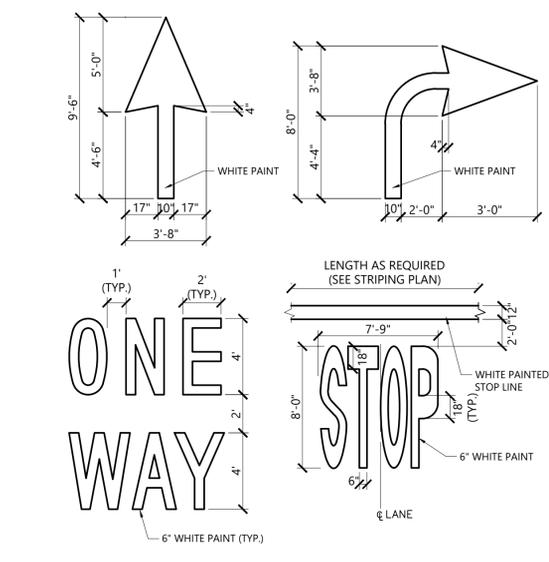
Sanitary Sewer Manhole (SMH) 1/16
N.T.S. REsource: VHB LD_200



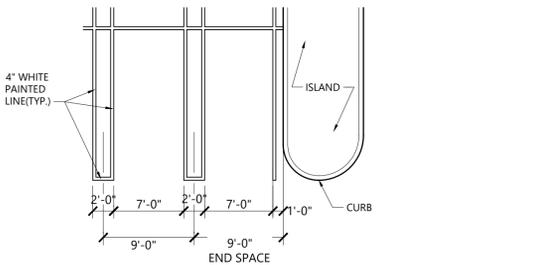
Sanitary Pressure Sewer Cleanout Manhole (SMH-CO) 1/16
N.T.S. Source: VHB REV LD_206



Foundation Drain 1/16
N.T.S. Source: VHB REV LD_196



Painted Pavement Markings - Highway 1/16
N.T.S. Source: VHB REV LD_555



Pavement Markings - Stall Layout 1/16
N.T.S. Source: VHB REV LD_5515

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Key Plan

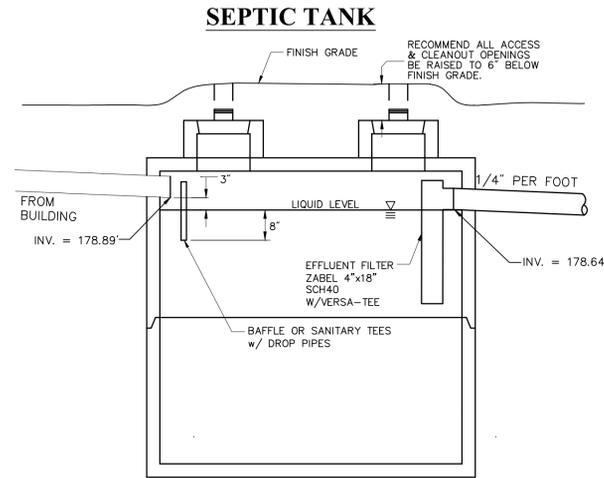
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Project
Storm King Art Center
Site Development

Seal

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Drawing Title
Site Details

Date	06/17/22
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Drawing Number	C-602
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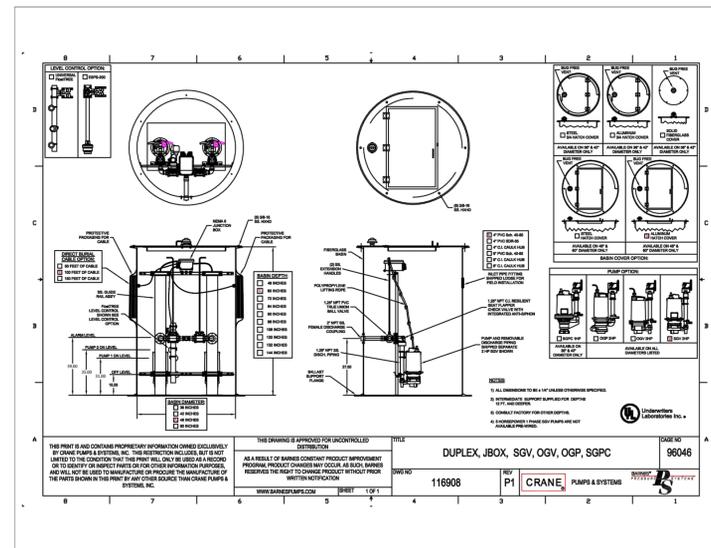


Septic Tank Notes:

- UNIT SHALL BE PRECAST CONCRETE AS MANUFACTURED BY FORT MILLER OR EQUIVALENT.
- STRUCTURE TO BE PLACED ON FIRM, COMPACT SAND OR GRAVEL FOUNDATION. WHEREVER EXISTING FOUNDATION CONDITIONS ARE UNSUITABLE, CRUSHED STONE SHALL BE PLACED AS NECESSARY TO ACHIEVE A STABLE FOUNDATION.
- ANTI-BOUYANCY MEASURES SHALL BE INSTALLED ON SEPTIC TANK IF DETERMINED DURING CONSTRUCTION IF GROUNDWATER IS HIGH

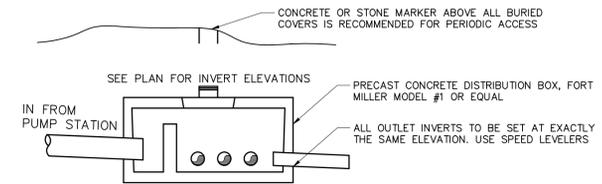
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Fiberglass Pump Basin

N.T.S. Source: VHB 6/08 LD

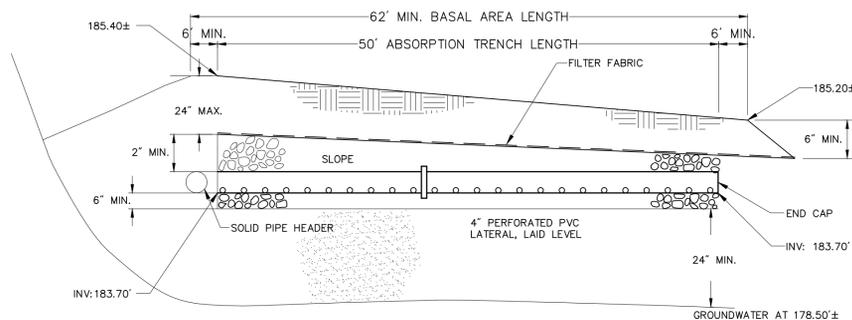


Installation of Disposal Field Notes:

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH N.Y.S. DEPARTMENT OF HEALTH INDIVIDUAL HOUSEHOLD SYSTEMS, AND ASTM F481-76 INSTALLATION OF THERMOPLASTIC PIPE AND CORRUGATED TUBING IN SEPTIC TANK LEACH FIELDS.
- NO HEAVY EQUIPMENT SHALL BE ALLOWED WITHIN THE LIMITS OF THE DISPOSAL FIELDS AFTER PIPE INSTALLATION HAS BEGUN.
- AFTER EXCAVATING 2' WIDE TRENCH TO THE DEPTHS REQUIRED, THE WALLS AND FLOOR OF EACH TRENCH SHOULD BE CLEANED AND RAKED TO ACHIEVE AN EVEN SURFACE AND TO LOOSEN SMEARED SECTIONS OF TRENCH.
- PLACEMENT OF CRUSHED STONE, PERFORATED PIPE AND BUILDING PAPER OR FILTER FABRIC SHALL BE AS SHOWN, AND CARE SHALL BE EXERCISED TO AVOID INCLUSION OF FINE GRAINED SOILS AND OTHER WASTE MATERIAL IN THE STONE AND PIPE.
- THE PIPE SHOULD BE LAID AT THE GRADES AND TO THE RELATIONSHIPS SHOWN ON THIS DRAWING, MAINTAINING STRAIGHT CONTINUOUS GRADES WITHOUT SAGS, HUMPS, SEPARATED JOINTS OR OTHER UNSUITABLE CONDITIONS. THE PIPE SHALL BE LAID WITH THE HOLES DOWN IN ALL CASES.
- DISPOSABLE FIELD SHALL BE GRADED TO SHED RAINFALL AND TO DIVERT SURFACE RUNOFF FROM ADJACENT AREAS AWAY FROM THE DISPOSAL FIELD.
- FINISH GRADE TO BE TOPSOILED & SEEDED TO STABILIZE SIDE SLOPES AS SOON AS SYSTEM IS COMPLETED. USE EROSION CONTROL FABRIC AND/OR STRAW BALE DYKES TO MINIMIZE SOIL EROSION ALONG DRAINAGE SWALES.
- PLACEMENT OF BORROW MATERIAL TO REQUIRED DEPTH AND CONFIGURATION SHALL BE AS SHOWN, AND CARE SHALL BE EXERCISED TO AVOID OVER-COMPACTION BY MOTORIZED EQUIPMENT. IN-SITU PERCOLATION RATE OF THE PLACED BORROW MATERIAL SHALL NOT EXCEED 30 MINUTES PER INCH DROP.

Distribution Box

N.T.S.

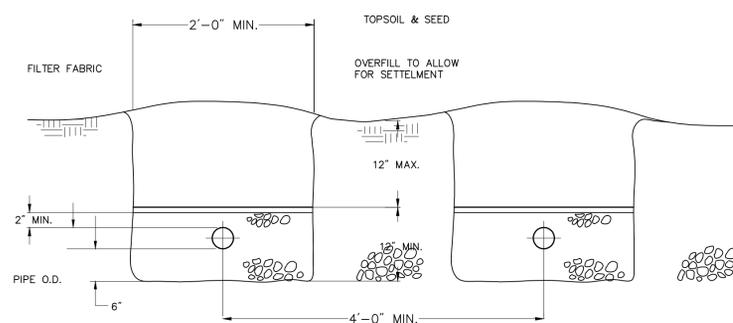


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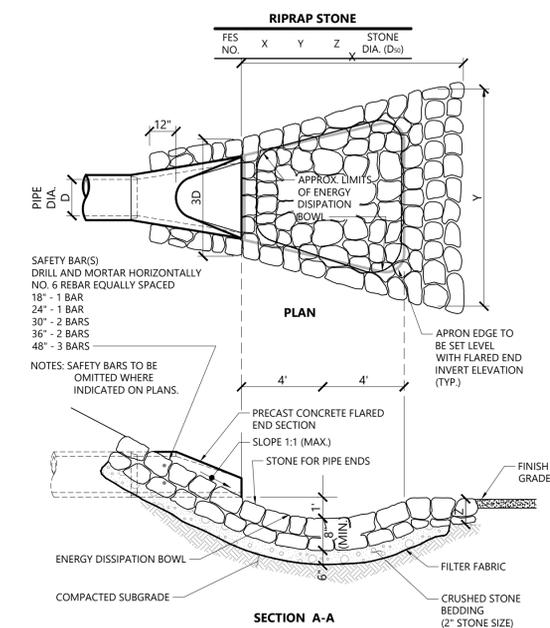
NOTES:
END OF ALL DISTRIBUTOR PIPES MUST BE CAPPED.

Typical Septic Trench

N.T.S.



SECTION



Flared End Section (FES) with Stone Protection

N.T.S.

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Key Plan



Description: Filing Set
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Project

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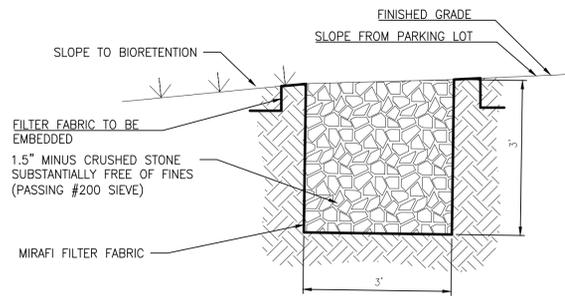
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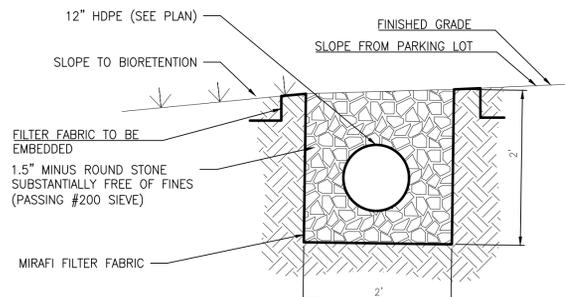
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GRAVEL DIAPHRAGM

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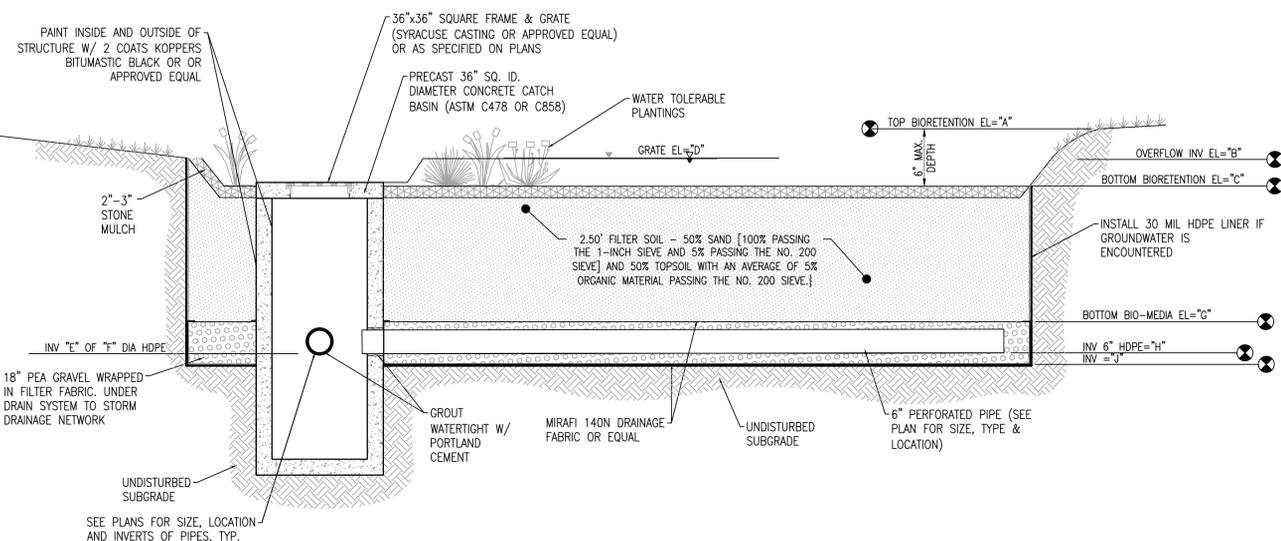


FRENCH DRAIN

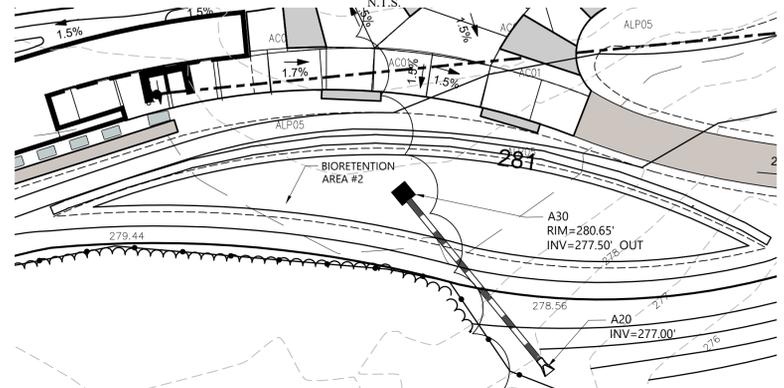
N.T.S.

NOTES:

- BIORETENTION FACILITIES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH "THE NEW YORK STATE STORMWATER MANAGEMENT DESIGN MANUAL", CHAPTER 6.
- PLANTING SOIL SHALL BE TESTED & MEET THE FOLLOWING CRITERIA:
 PH RANGE 5.2-7.0
 ORGANIC MATTER 1.5-4%
 MAGNESIUM 35 LB/AC
 PHOSPHOROUS P₂O₅ 75LB/AC
 POTASSIUM K₂O 85/AC
 SOLUBLE SALTS NOT TO EXCEED 500PPM
- ROTOTILL 2"-3" OF SAND BASE INTO THE BASE OF THE BIORETENTION FACILITY.
- BACK FILLING OF BIORETENTION FACILITY SHALL BE PLACED IN 12" LIFTS.
- MAIN COLLECTOR PIPE OF THE UNDER DRAIN SYSTEM SHALL BE CONSTRUCTED AT A MINIMUM SLOPE OF 0.5%. OBSERVATION WELLS OR CLEAN OUT PIPES MUST BE PLACED EVERY 1000SF OF SURFACE AREA.
- BIORETENTION AREA MAY NOT BE CONSTRUCTED UNTIL ALL CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED.
- BIORETENTION MEDIA SHALL HAVE AN INFILTRATION RATE OF APPROXIMATELY 0.5" PER HOUR.
- BIORETENTION AREA CANNOT BE INSTALLED UNTIL ALL TRIBUTARY AREAS ARE STABILIZED.

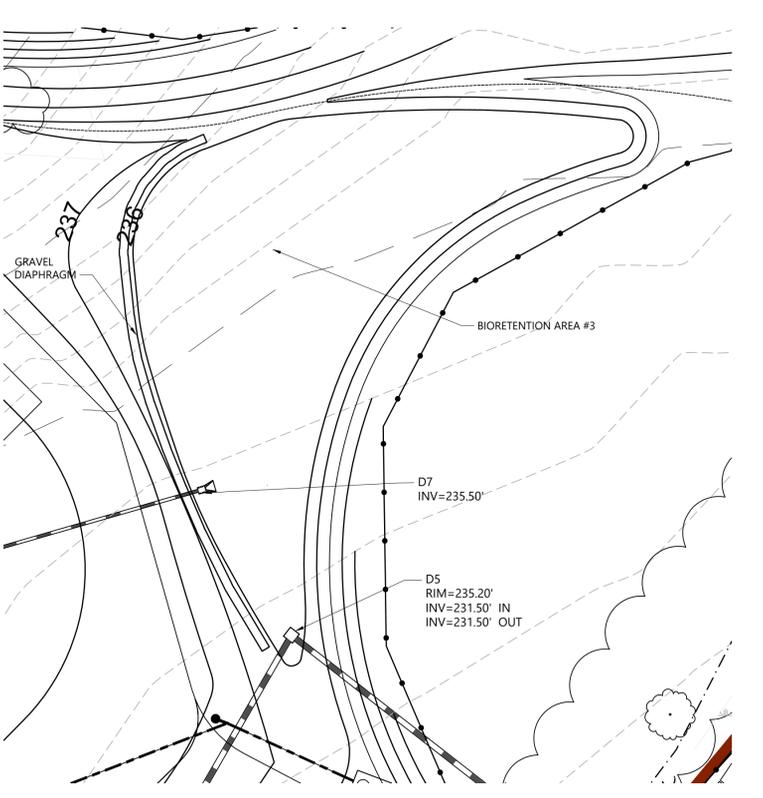


BIO-RETENTION SECTION



BIORETENTION BASIN #2

SCALE: 1"=20'



BIORETENTION BASIN #3

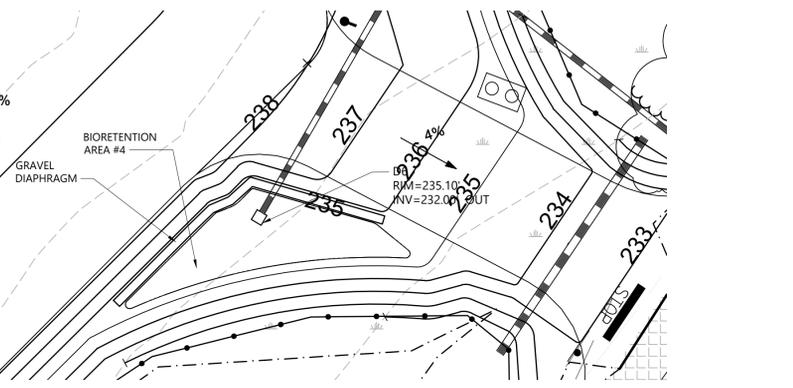
SCALE: 1"=20'

BIORETENTION DESIGN INFORMATION

PRACTICE	A	B	C	D	E	F	G	H	J	HYDROCAD POND #
No 1	288.50'	-	288.00'	288.10'	284.50'	12.0"	285.50'	284.50'	284.00'	1P
No 2	281.00'	280.75'	280.50'	280.65'	277.50'	12.0"	278.50'	277.50'	277.00'	3P
No 3	235.50'	235.20'	235.00'	235.10'	232.00'	12.0"	233.00'	232.00'	231.50'	7AP
No 4	236.50'	236.40'	236.00'	236.20'	232.50'	12.0"	233.50'	232.50'	232.00'	7BP
No 5	235.50'	235.40'	235.00'	235.10'	232.00'	12.0"	233.00'	232.00'	231.50'	7EP

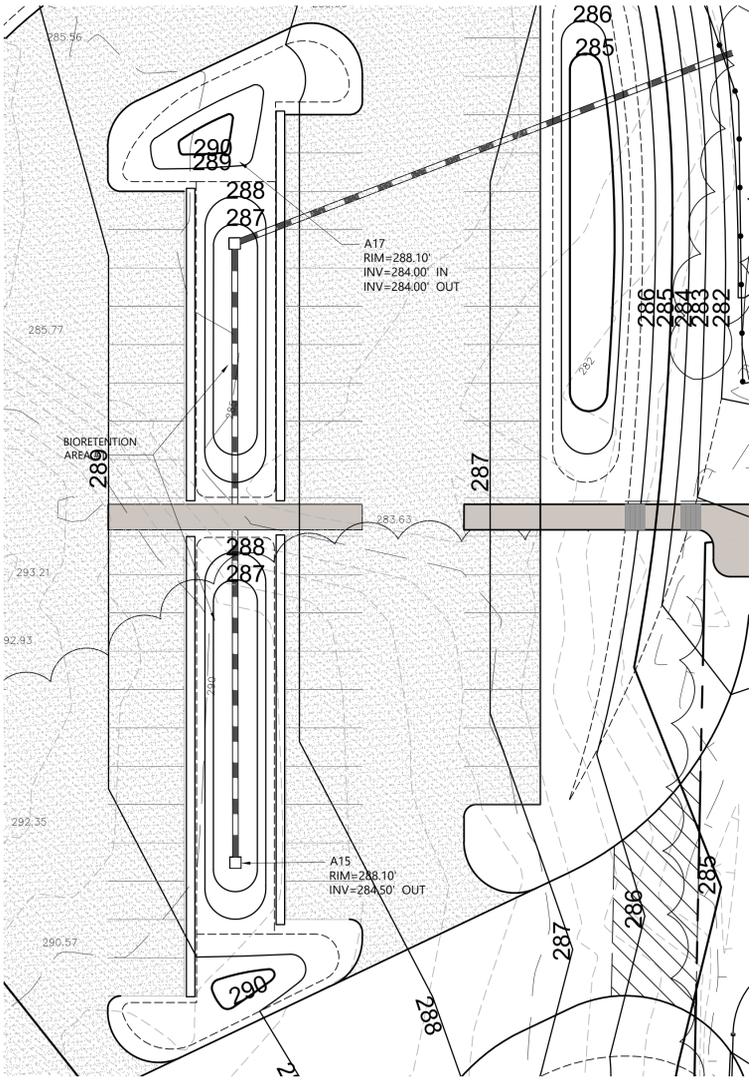
MATERIALS SPECIFICATION FOR BIORETENTION

PARAMETERS	SPECIFICATIONS	SIZE	NOTES:
PLANTINGS	SEE LANDSCAPING PLANS	N/A	PLANTINGS ARE SITE-SPECIFIC
PLANTING SOILS [2.5'-DEEP]	SAND 50% TOPSOIL 50%	N/A	USDA SOIL TYPES LOAMY SAND, SANDY LOAM OR LOAM
MULCH	RIVER RUN ROUND STONE CLASS "C" APPARENT OPENING SIZE (ASTM-D-4751) GRAB TENSILE STRENGTH (ASTM-D-4632) BURST STRENGTH (ASTM-D-4833)	1"-2.5"	
GEOTEXTILE		N/A	FOR USE AS NECESSARY BENEATH UNDERDRAINS ONLY
POUR IN PLACE CONCRETE (IF REQUIRED)	SEE LOCAL DOT STANDARDS SPECS.; F _{CR} =3500PSI @ 28 DAYS, NORMAL WEIGHT, AIR-ENTRAINED; RE-INFORCED TO MEET ASTM 615-60	N/A	ON-SITE TESTING OF POURED-IN-PLACE CONCRETE REQUIRED: 28 DAY STRENGTH AND SLUMP TEST; ALL CONCRETE DESIGN (CAST IN PLACE OR PRE-CAST) NOT USING PREVIOUSLY APPROVES STATE OR LOCAL STANDARDS REQUIRES DESIGN DRAWINGS SEAL & APPROVED BY A LICENCE PROFESSIONAL STRUCTURAL ENGINEER.
SAND [12"-DEEP]	AASHTO M-6 OR ASTM C-33	0.02" - 0.04"	SAND SUBSTITUTION SUCH AS DIABASE GRAYSTONE #10 ARE NOT ACCEPTABLE. NO CALCIUM CARBONATE OR DOLOMITIC SAND SUBSTITUTE ARE ACCEPTABLE. NO "ROCK DUST" CAN BE USED FOR SAND



BIORETENTION BASIN #4

SCALE: 1"=20'



BIORETENTION BASIN #1

SCALE: 1"=20'

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Key Plan

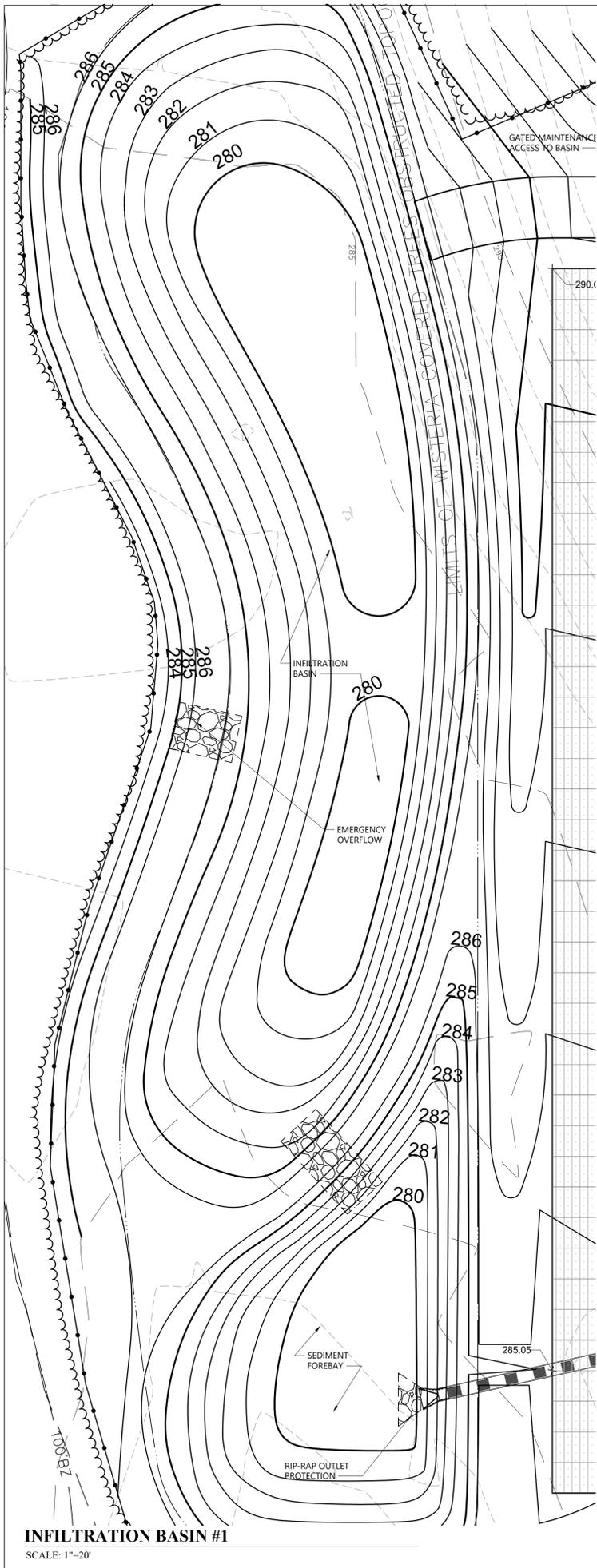
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Description	Date
Filing Set	06/17/22

Project
 Storm King
 Art Center
 Site
 Development

NOT FOR CONSTRUCTION
 Drawing Title
 Site Details

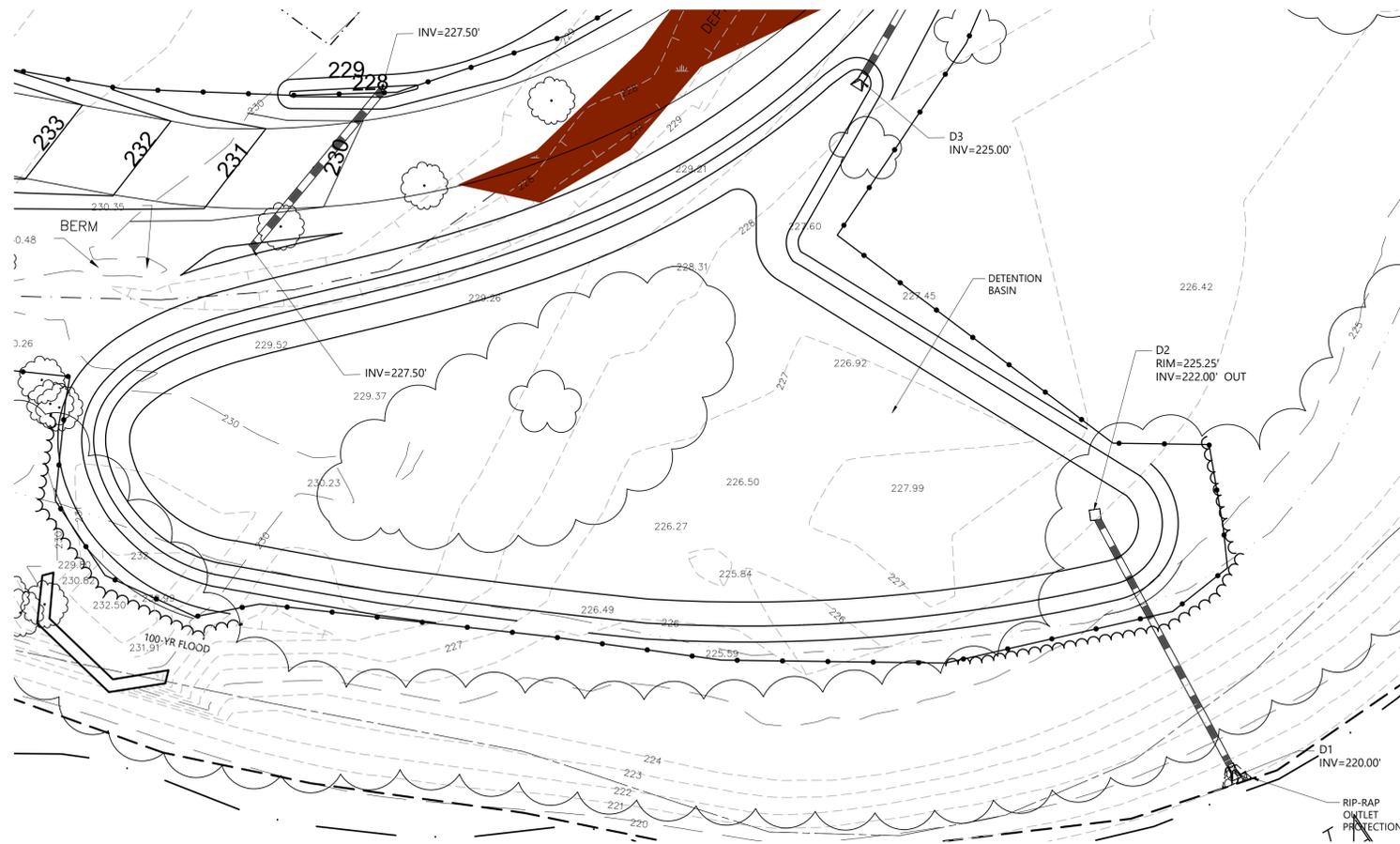
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Drawing Number	C-604
Sheet Size	ARCH D

SEE SHEET L-450 FOR PAVEMENT, GRAVEL AND PAVERS SECTION DETAILS.
 SEE SHEET L-460 FOR TIMBER EDGE DETAILS
 SEE SHEET L-492 FOR FENCE DETAILS



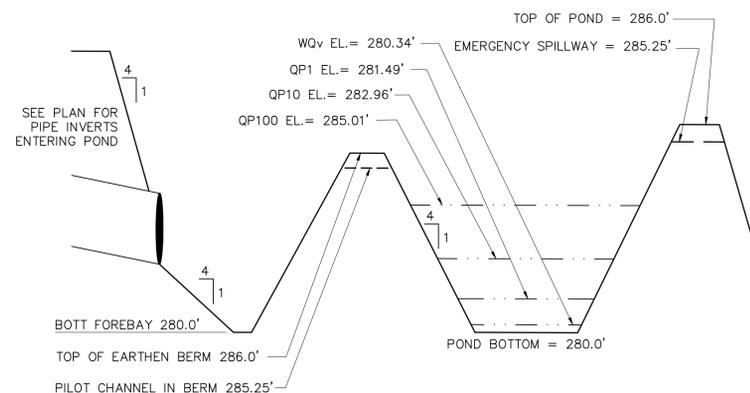
INFILTRATION BASIN #1

SCALE: 1"=20'



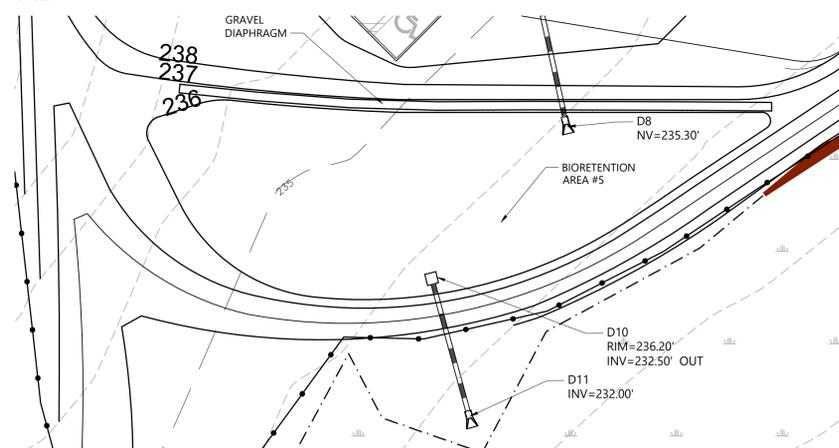
DETENTION BASIN #5

SCALE: 1"=20'



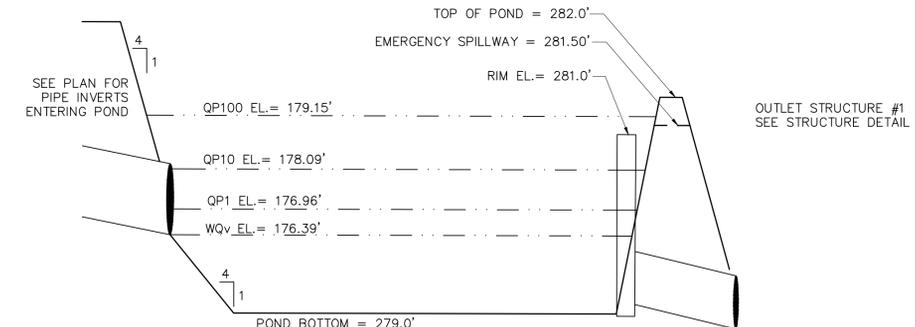
INFILTRATION #1 BASIN SECTION

N.T.S.



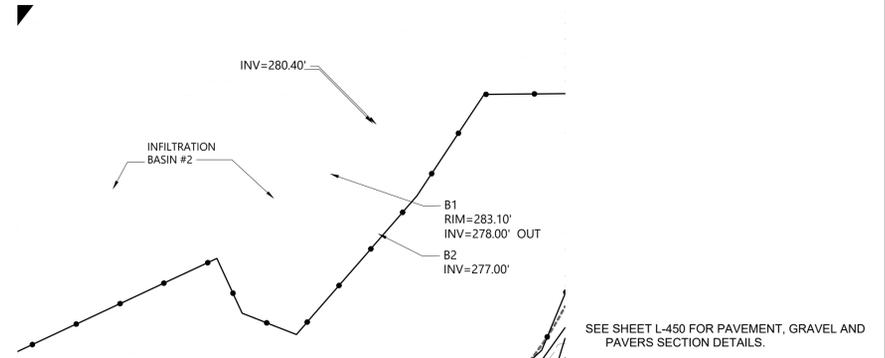
BIORETENTION BASIN #5

SCALE: 1"=20'



INFILTRATION BASIN #2 SECTION

N.T.S.



INFILTRATION BASIN #2

SCALE: 1"=20'

SEE SHEET L-450 FOR PAVEMENT, GRAVEL AND PAVERS SECTION DETAILS.
SEE SHEET L-460 FOR TIMBER EDGE DETAILS
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Key Plan



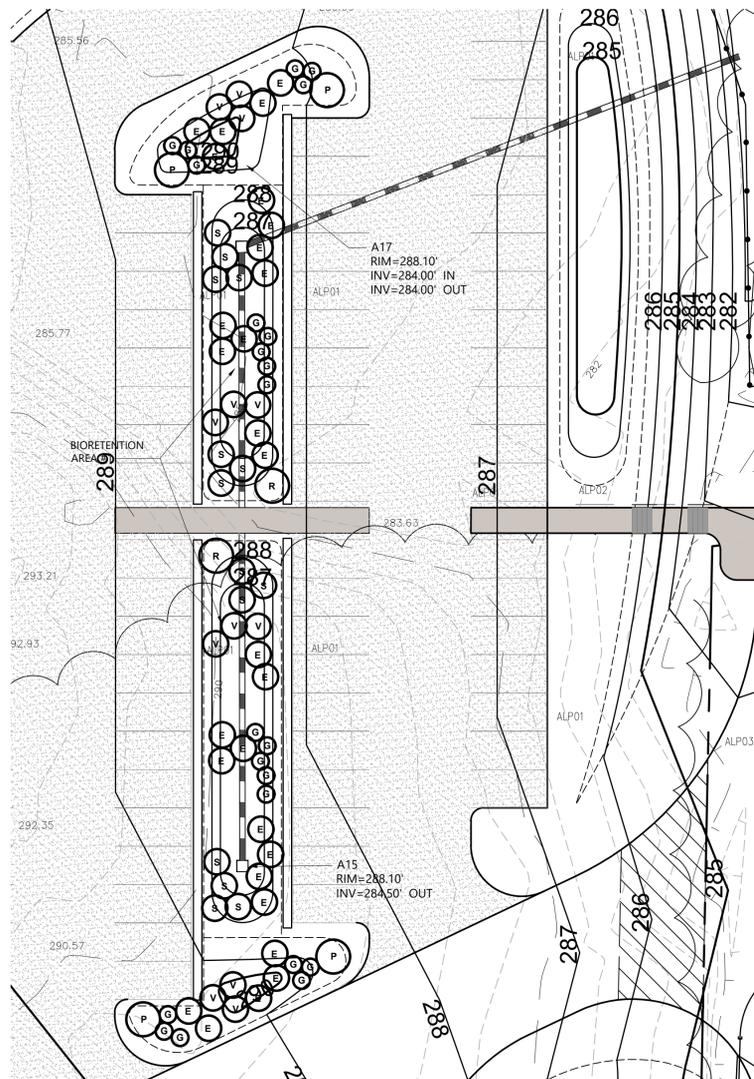
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Filing Set	06/17/22

Project
Storm King Art Center Site Development

Seal

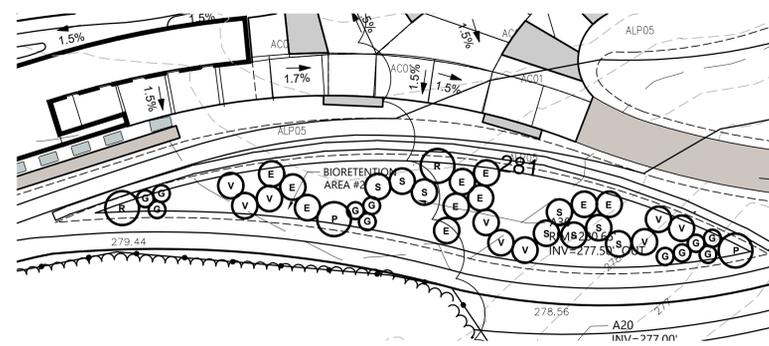
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Drawing Title
Site Details

Date	06/17/22
Scale	N/A
Drawing Number	C-605
Sheet Size	ARCH D



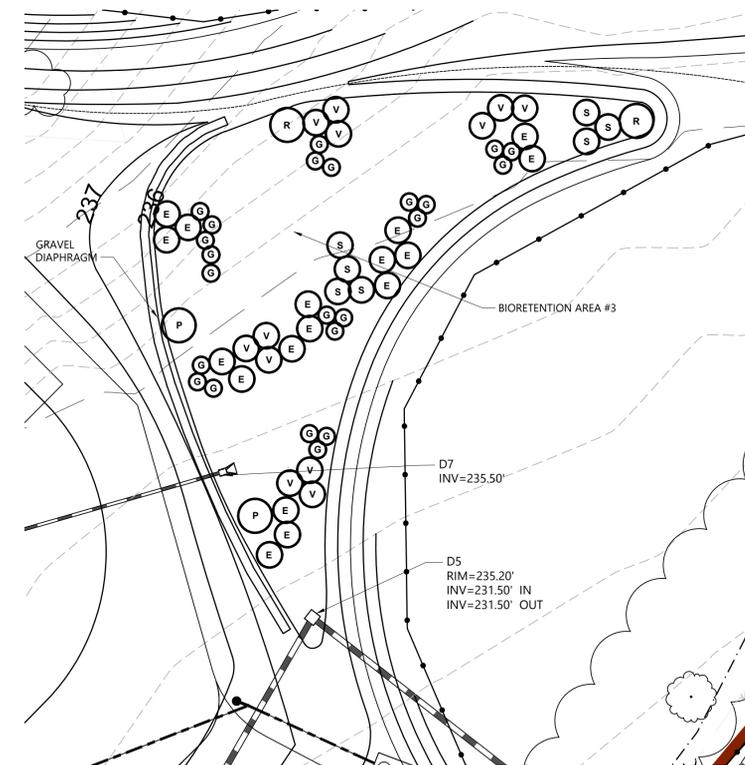
BIORETENTION BASIN #1

SCALE: 1"=20'



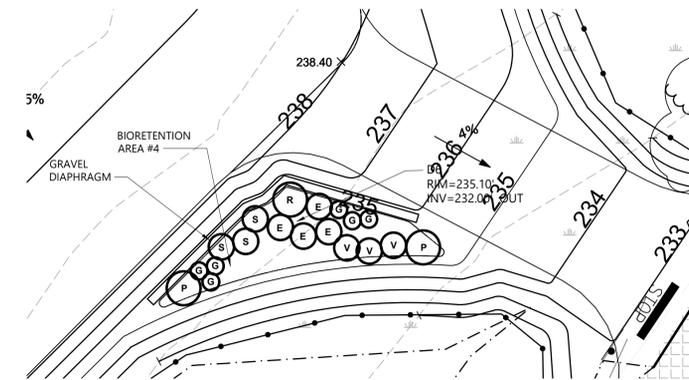
BIORETENTION BASIN #2

SCALE: 1"=20'



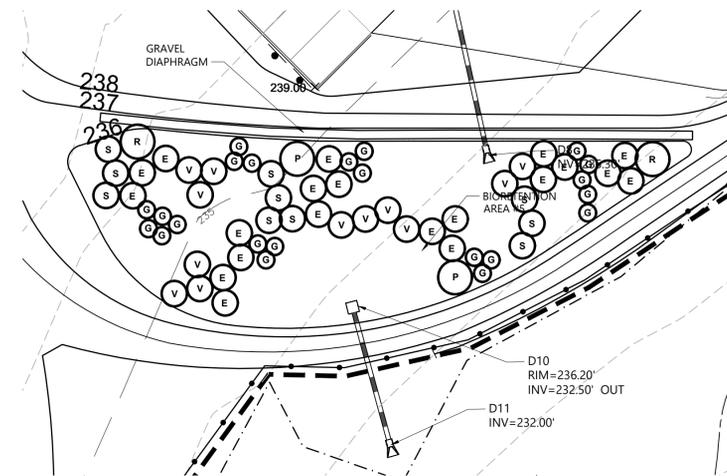
BIORETENTION BASIN #3

SCALE: 1"=20'



BIORETENTION BASIN #4

SCALE: 1"=20'



BIORETENTION BASIN #5

SCALE: 1"=20'

BIORETENTION PLANT LIST

ABRV	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
E	X	EUTROCHIUM MACULATUM	SPOTTED JOE PYE WEED	#1 CONT.	24"
G	X	LOBELIA SIPHILITICA	GREAT BLUE LOBELIA	#1 CONT.	12"
R	X	CORNUS SERICEA	REDOSIER DOGWOOD	#1 CONT.	4"
P	X	ILEX VERTICILLATA	COMMON WINTERBERRY	#1 CONT.	4"
V	X	CAREX VULPINOIDEA	FOX SEDGE	#1 CONT.	12"
S	X	ASCLEPIUS INCARNATA	BUTTERFLY MILKWEED	#1 CONT.	24"

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Key Plan



Description	Date
Filing Set	06/17/22

Project
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Seal

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Drawing Title
Site Details

Date 06/17/22

Scale N/A

Drawing Number **C-606**

Sheet Size ARCH D