

# 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

VHB Engineering, Surveying,  
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### Reference Drawings

No.	Drawing Title
1	LANDSCAPE PLANS (BY OTHERS)
2	SURVEY PLANS (BY OTHERS)



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	27.35 TC x	27.35 TC x	TOP OF CURB ELEVATION
		BASELINE	26.85 BC x	26.85 BC x	BOTTOM OF CURB ELEVATION
		CONSTRUCTION LAYOUT	132.75 x	132.75 x	SPOT ELEVATION
		ZONING LINE	45.0 TW x	45.0 TW x	TOP & BOTTOM OF WALL ELEVATION
		TOWN LINE	38.5 BW x	38.5 BW x	BORING LOCATION
		LIMIT OF DISTURBANCE			TEST PIT LOCATION
		WETLAND LINE WITH FLAG			MONITORING WELL
		FLOODPLAIN			UNDERDRAIN
		BORDERING LAND SUBJECT TO FLOODING			DRAIN
		WETLAND BUFFER ZONE			ROOF DRAIN
		NO DISTURB ZONE			SEWER
		200' RIVERFRONT AREA			FORCE MAIN
		GRAVEL ROAD			OVERHEAD WIRE
		EDGE OF PAVEMENT			WATER
		BITUMINOUS BERM			FIRE PROTECTION
		BITUMINOUS CURB			DOMESTIC WATER
		CONCRETE CURB			GAS
		CURB AND GUTTER			ELECTRIC
		EXTRUDED CONCRETE CURB			STEAM
		MONOLITHIC CONCRETE CURB			TELEPHONE
		PRECAST CONC. CURB			FIRE ALARM
		SLOPED GRAN. EDGING			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			SIAMSE 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			MATCHLINE

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

## General

1. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) 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 RECEIVE 1/4" INCHES LOAM AND SEED.
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 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.
10. IN THE EVENT THAT SUSPECTED CONTAMINATED SOIL, GROUNDWATER, AND OTHER MEDIA ARE ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION ACTIVITIES BASED ON VISUAL, OLFACORY, 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.
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 SPDES CONSTRUCTION GENERAL PERMIT (GP-20-001) PROGRAM AND NYSDEC JURISDICTION. PRIOR TO THE START OF CONSTRUCTION CONTRACTOR IS TO FILE A NOTICE OF INTENT WITH THE NYSDEC 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 NYSDEC.

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. THE CONTRACTOR SHALL VERIFY THE LOCATION, SIZE AND DEPTH OF ALL EXISTING UTILITIES. IF THERE 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 THE PROPOSED UTILITY DEPTH IS COMPATIBLE WITH EXISTING UTILITIES AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHTS OF WAY.

1. DIMENSIONS ARE FROM THE FACE OF CURB, FACE OF BUILDING, FACE OF WALL, AND CENTER LINE OF PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
2. CURB RADI ARE (#'') FEET UNLESS OTHERWISE NOTED.
3. CURBING SHALL BE [TYPE] WITHIN THE SITE UNLESS OTHERWISE INDICATED ON THE PLANS.
4. 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.
5. PROPOSED BOUNDS AND ANY EXISTING PROPERTY LINE MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE SET OR RESET BY A PROFESSIONAL LAND SURVEYOR.
6. 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.

1. CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING MANMADE SURFACE FEATURES WITHIN THE LIMIT OF WORK INCLUDING BUILDINGS, STRUCTURES, PAVEMENTS, SLABS, CURBING, FINISHES, 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.
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 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 BUILDING 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 DAMAGE OR INJURY TO PERSONS OR PROPERTY OR THE REMEDIATION 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 TO THE BIDDING OR ISSUES OF PRESENCE, DISCOVERY, REMOVAL, ABATEMENT OR DISPOSAL OF ASBESTOS OR OTHER HAZARDOUS MATERIALS.

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.

1. BASE PLAN: THE PROPERTY LINES SHOWN WERE DETERMINED BY AN ACTUAL FIELD SURVEY CONDUCTED BY MJS ENGINEERING AND LAND SURVEYING. THE TOPOGRAPHY AND PHYSICAL FEATURES ARE BASED ON AN ACTUAL FIELD SURVEY PERFORMED ON THE GROUND BY MJS ENGINEERING AND LAND SURVEYING.

A. DELINEATION OF THE WETLANDS AND PLACEMENT OF THE FLAGS WAS PERFORMED BY: VHB

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. CONTRACTOR SHALL VERIFY ALL INFORMATION FROM ANY SOURCE, 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 DETAILED SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.

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Description	Date
Filing Set	06/17/22

# Storm King Art Center Site Development

<b>NOT FOR CONSTRUCTION</b>	
Drawing Title	
Legend and General Notes	
Date	06/17/22
Scale	N/A
Drawing Number	C-101
Sheet Size	ARCH D

**NOT FOR CONSTRUCTION**

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Drawing Title

Legend and General  
Notes





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

**Owner**  
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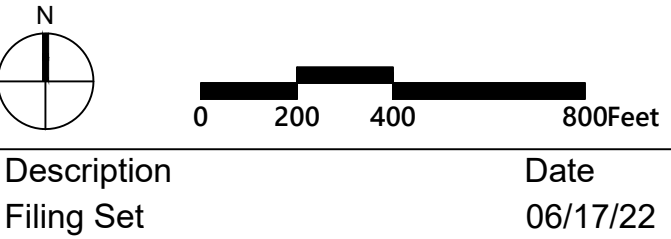
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**Key Plan**



Description	Date
Filing Set	06/17/22

**Project**

# Storm King Art Center Site Development

**Seal**

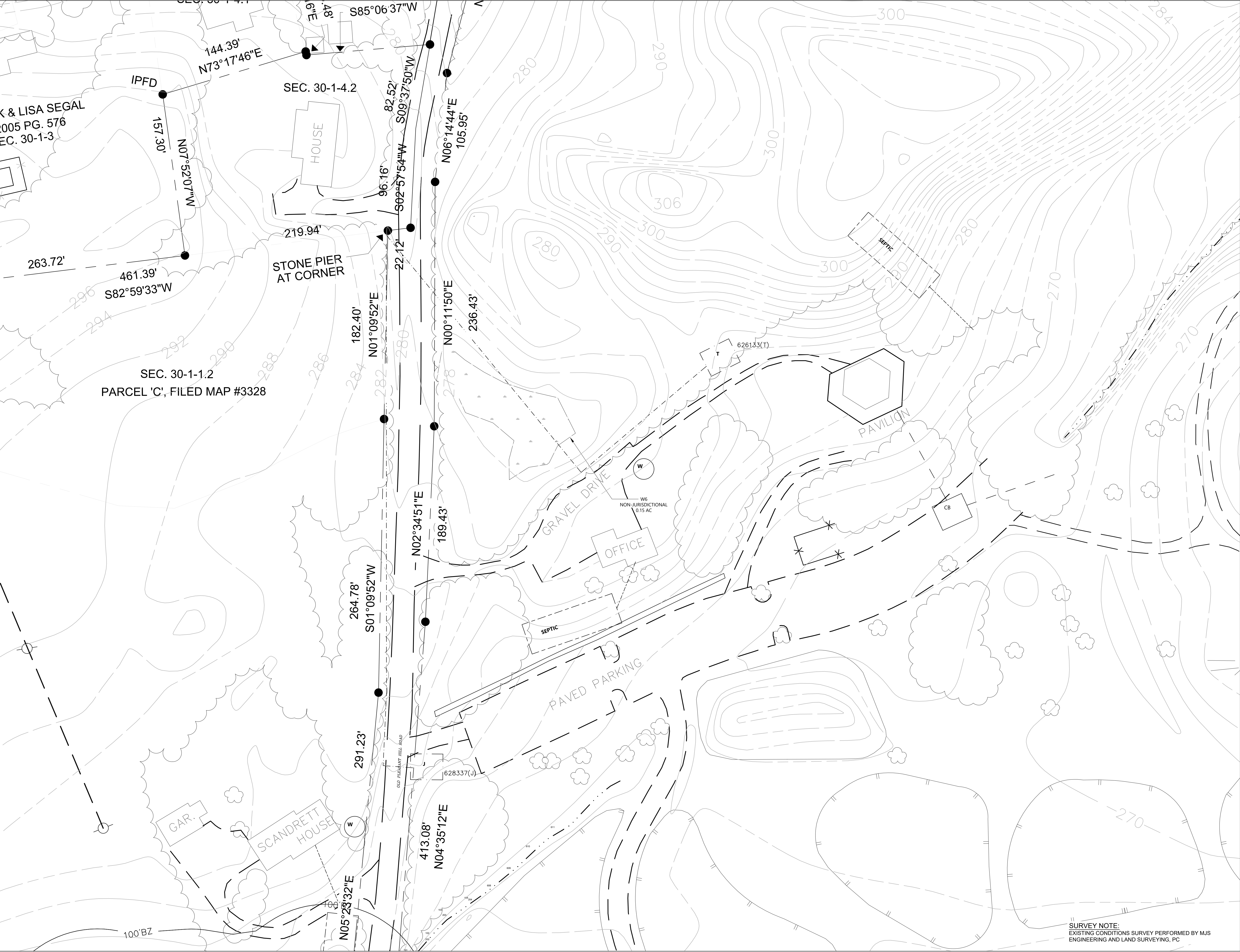
**NOT FOR CONSTRUCTION**

**Drawing Title**

## Existing Conditions Plan - Overall

Date	06/17/22
Scale	1" = 400'
Drawing Number	C-102
Sheet Size	ARCH D





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**Key Plan**

N

0

20

40

80 Feet

Description	Date
Filing Set	06/17/22

**Project**

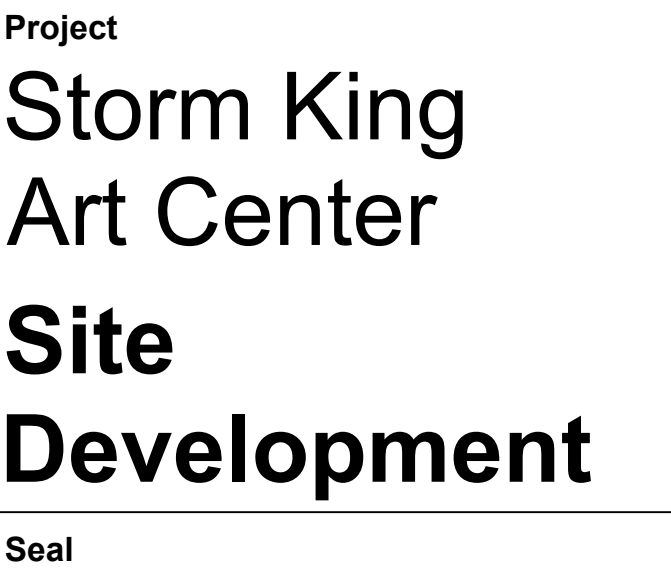
# Storm King Art Center Site Development

**Seal**

**NOT FOR CONSTRUCTION**  
**Drawing Title**  
Existing Conditions  
Plan - Administration  
Building

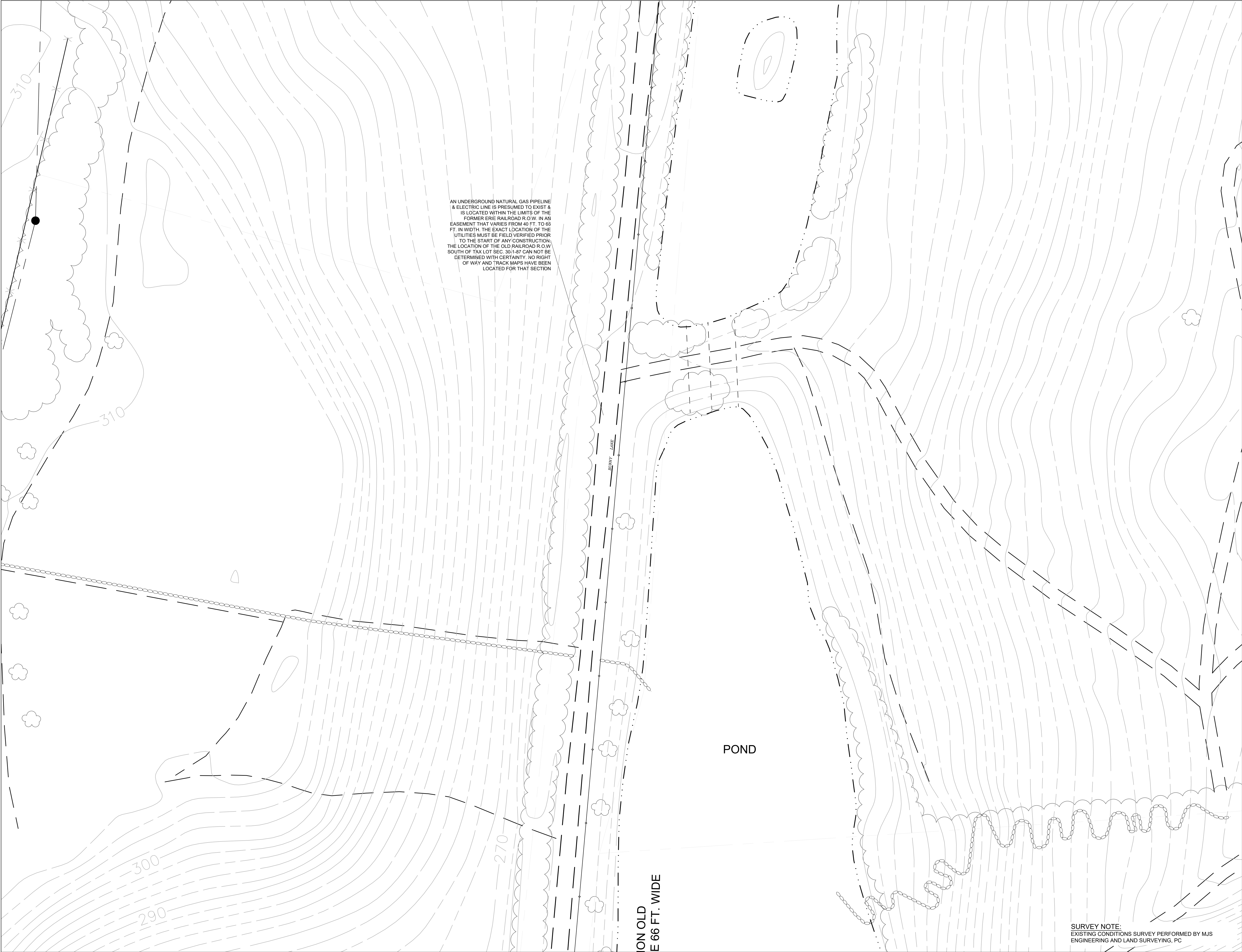
Date	06/17/22
Scale	1" = 40'
Drawing Number	C-103
Sheet Size	ARCH D





Date	06/17/22
Scale	1" = 40'
Drawing Number	C-104
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**Key Plan**

N

0

20

40

80 Feet

Description	Date
Filing Set	06/17/22

**Project**

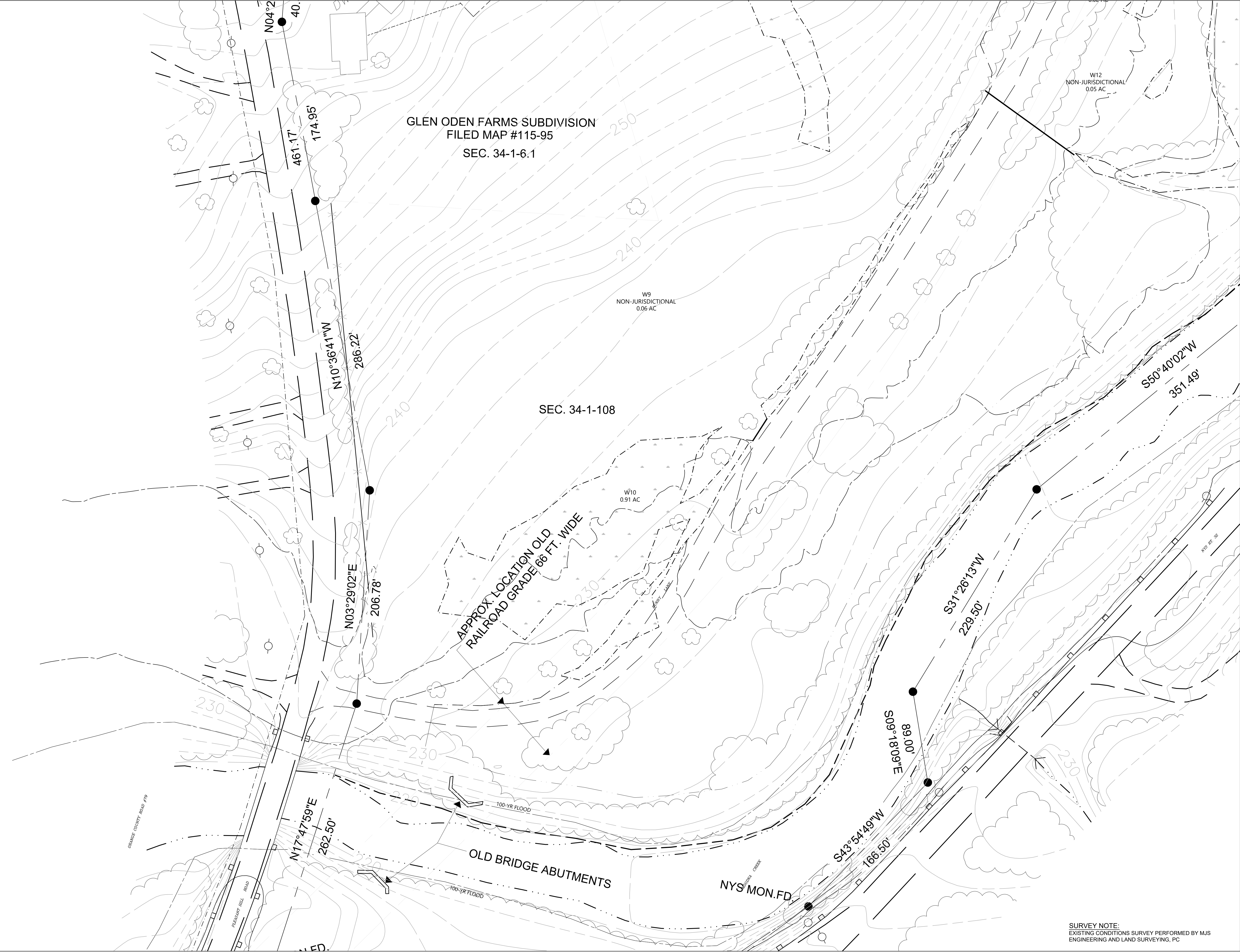
# Storm King Art Center

## Site Development

**Seal**

<b>NOT FOR CONSTRUCTION</b>	
<b>Drawing Title</b>	
Existing Conditions Plan - Pond Pavilion	
Date	06/17/22
Scale	1" = 40'
Drawing Number	C-105
Sheet Size	ARCH D





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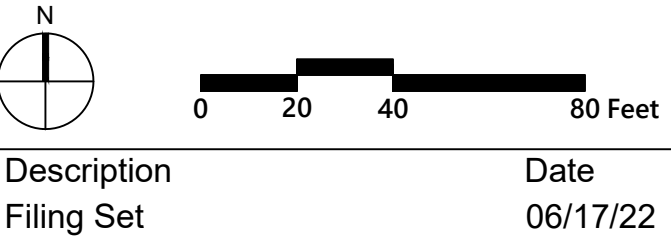
**MEPF & IT**  
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Key Plan



**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





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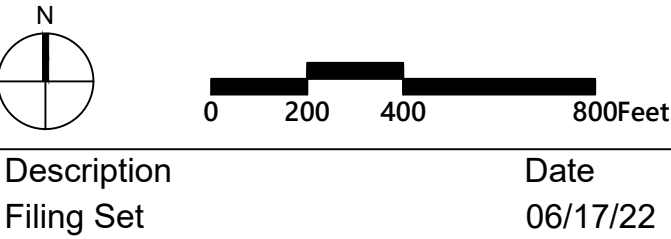
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Key Plan



Description	Date
Filing Set	06/17/22

Project

# Storm King Art Center

## Site Development

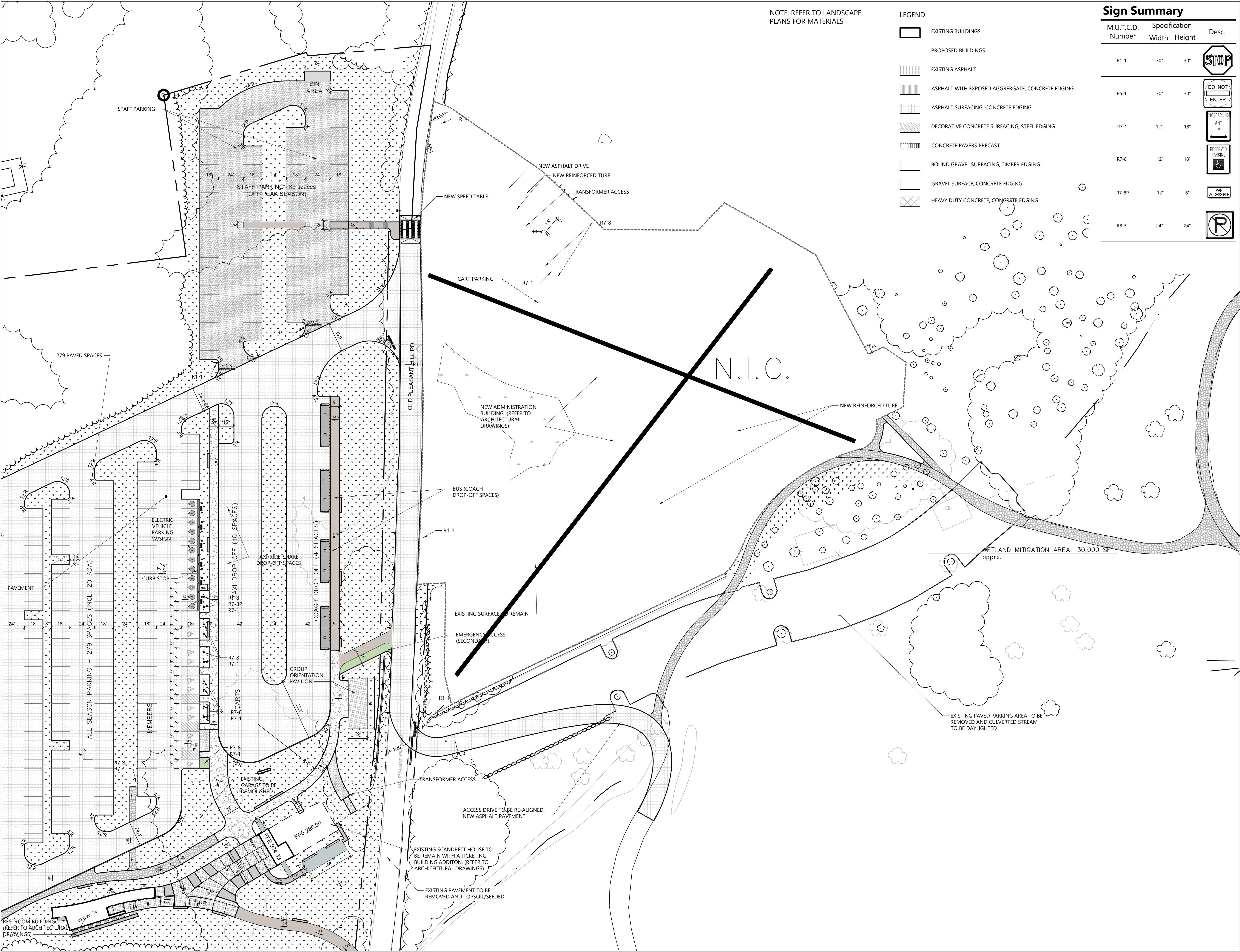
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**NOT FOR CONSTRUCTION**  
Drawing Title  
Layout and Material  
Plan - Overall

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		
EXISTING BUILDINGS		
PROPOSED BUILDINGS		
EXISTING ASPHALT		
ASPHALT WITH EXPOSED AGGRERGATE, 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		

Sign Summary			
M.U.T.C.D. Number	Specification		Desc.
R1-1	30"	30"	STOP
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"	VAN ACCESSIBLE
R8-3	24"	24"	P

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**Key Plan**



Description	Date
Filing Set	06/17/22

Project

# Storm King Art Center

## Site Development

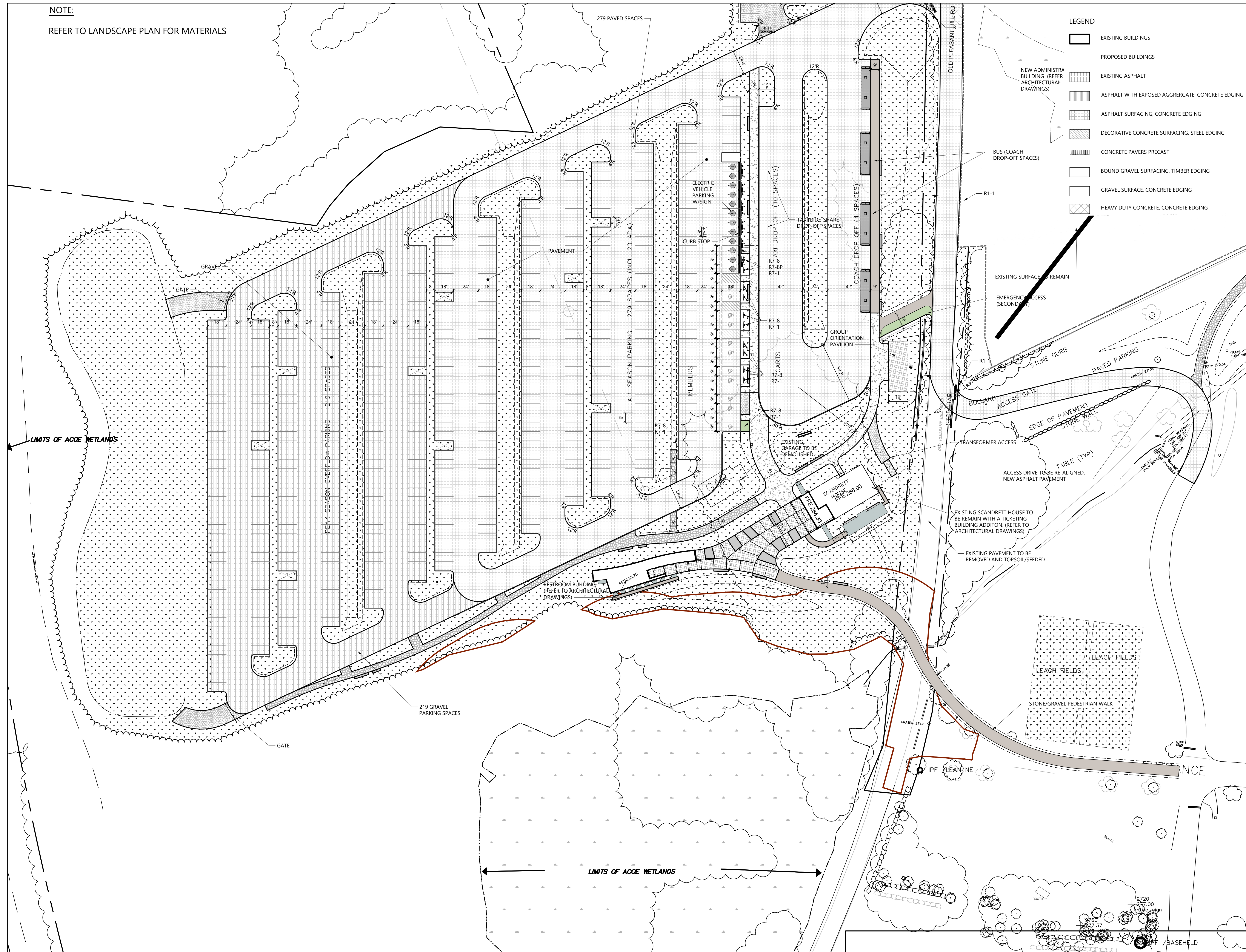
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**NOT FOR CONSTRUCTION**  
Drawing Title  
Layout and Material  
Plan - Administration  
Building

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

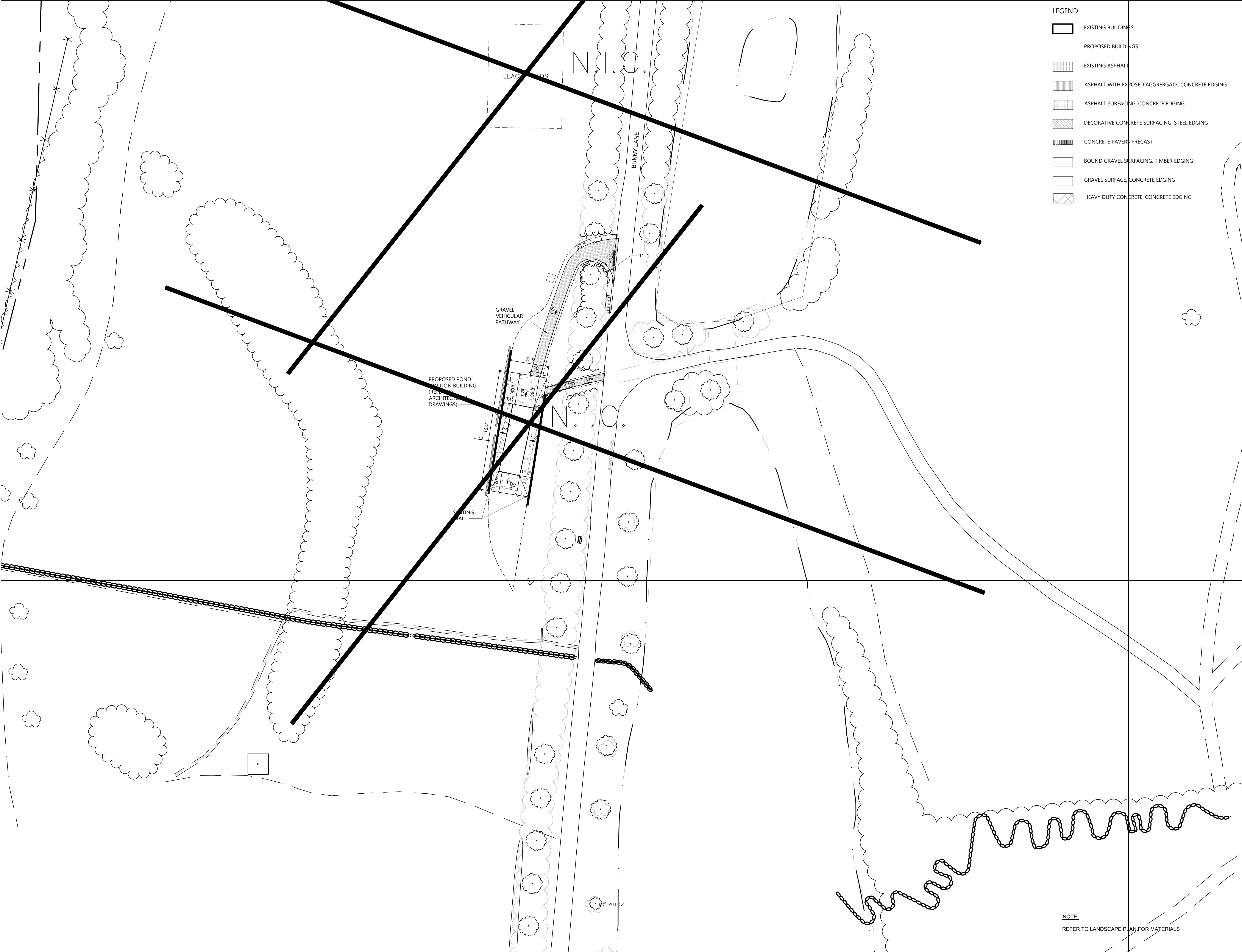


REFER TO LANDSCAPE PLAN FOR MATERIALS



Sheet Size      ARCH D





- LEGEND
- EXISTING BUILDINGS
  - PROPOSED BUILDINGS
  - EXISTING ASPHALT
  - ASPHALT WITH EXPOSED AGGRERGATE, 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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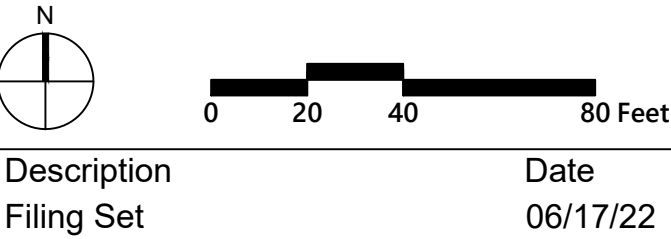
**MEPF & IT**  
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Key Plan



Description Date  
Filing Set 06/17/22

Project

# Storm King Art Center Site Development

Seal

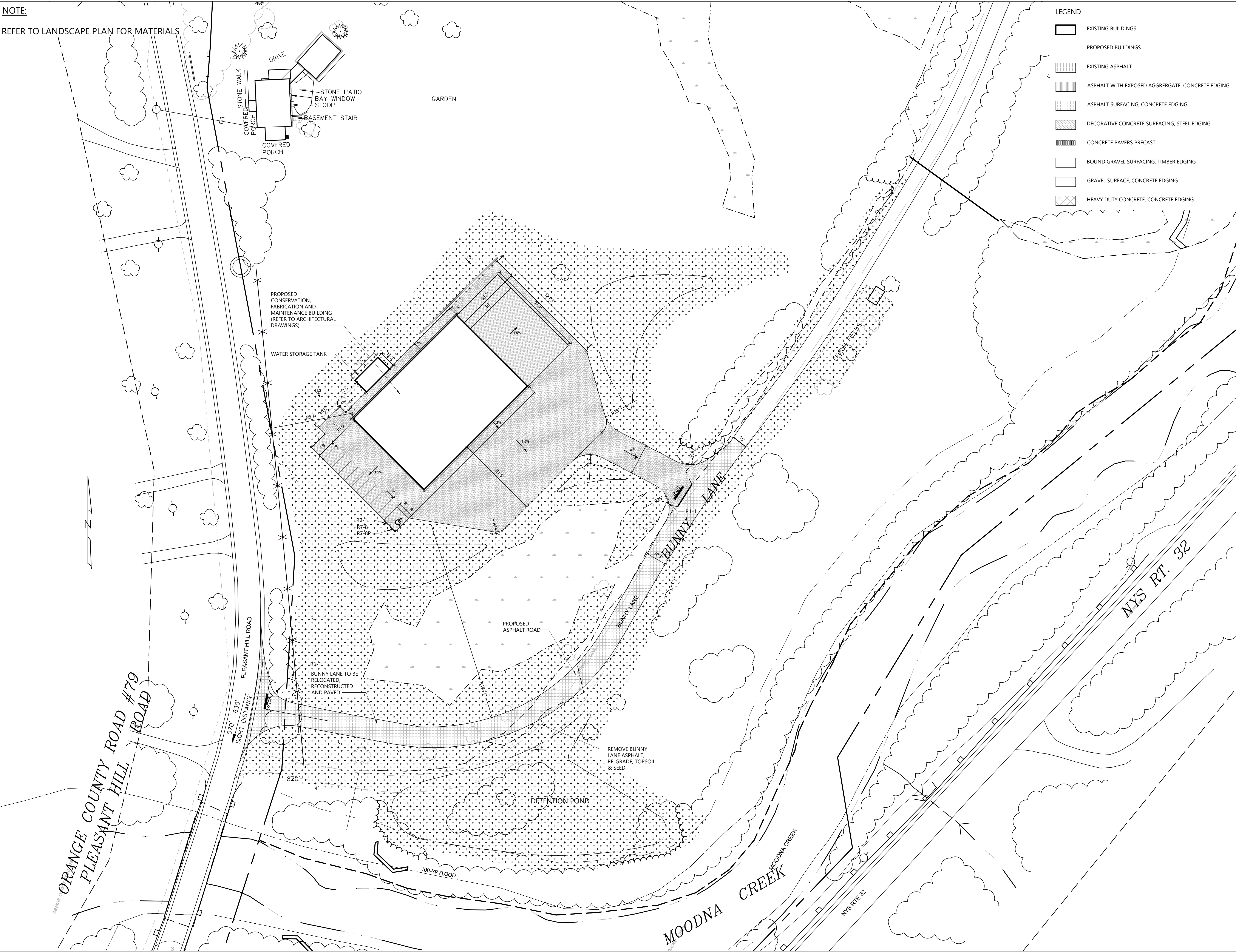
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Drawing Title  
Layout and Material  
Plan - Pond Pavilion

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

NOTE:  
REFER TO LANDSCAPE PLAN FOR MATERIALS



NOTE:  
REFER TO LANDSCAPE PLAN FOR MATERIALS



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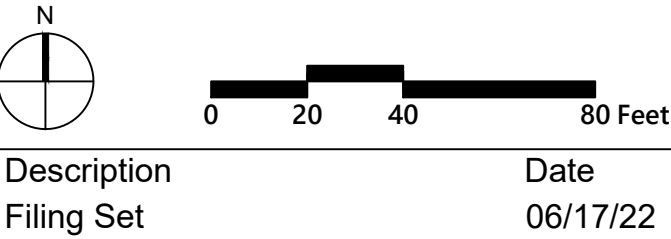
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Key Plan



Description	Date
Filing Set	06/17/22

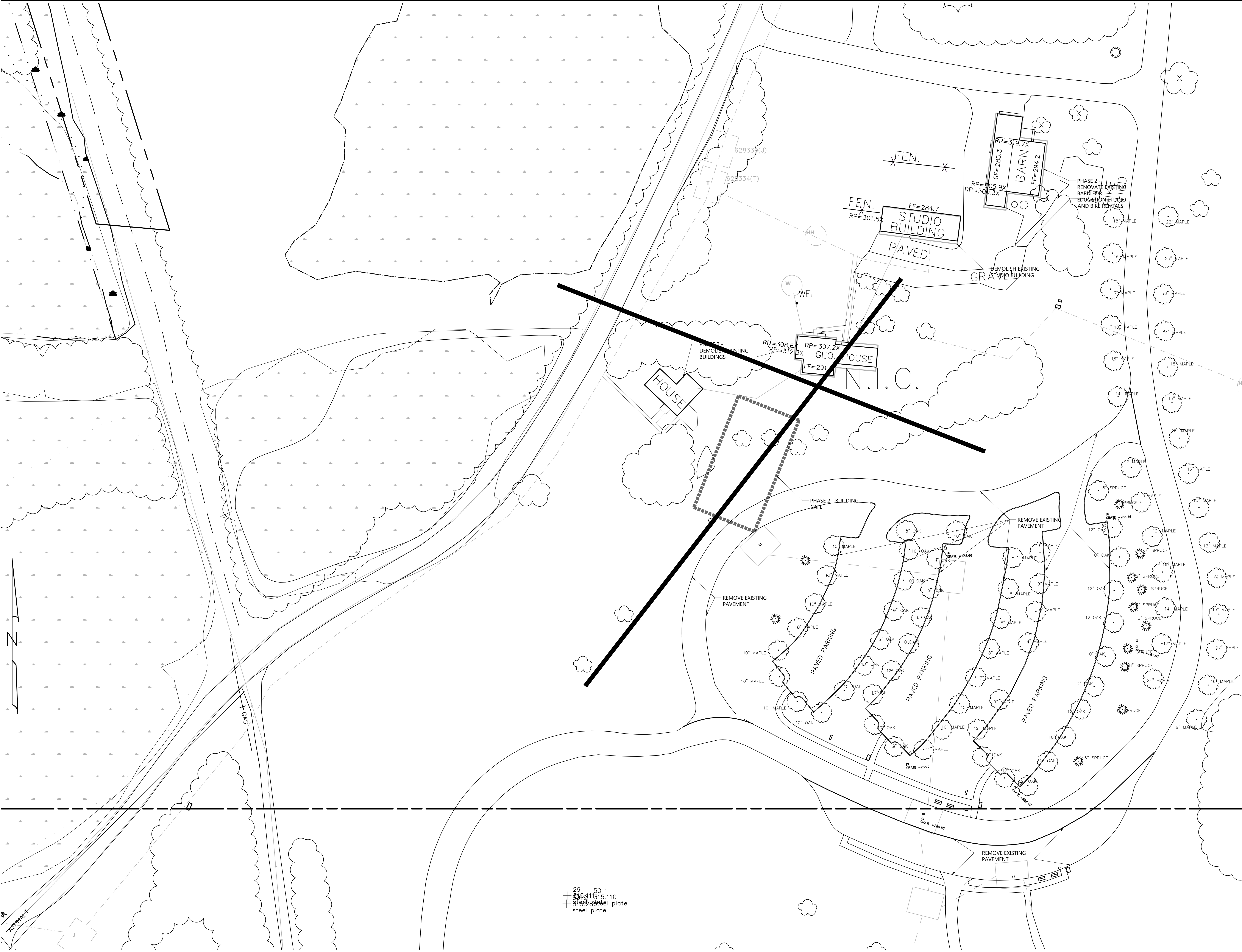
Project  
**Storm King  
Art Center  
Site  
Development**

Seal

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

Date	06/17/22
Scale	1" = 40'
Drawing Number	<b>C-205</b>
Sheet Size	ARCH D





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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 - Phase 2  
Education Barn

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





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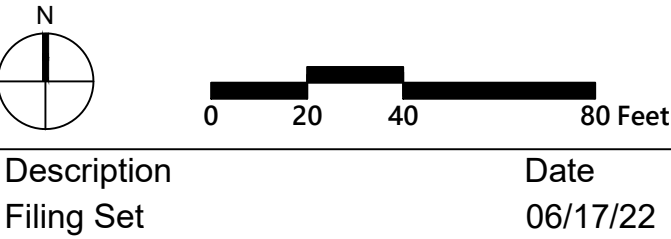
**MEPF & IT**  
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Key Plan



Description	Date
Filing Set	06/17/22

Project

# Storm King Art Center

## Site Development

Seal

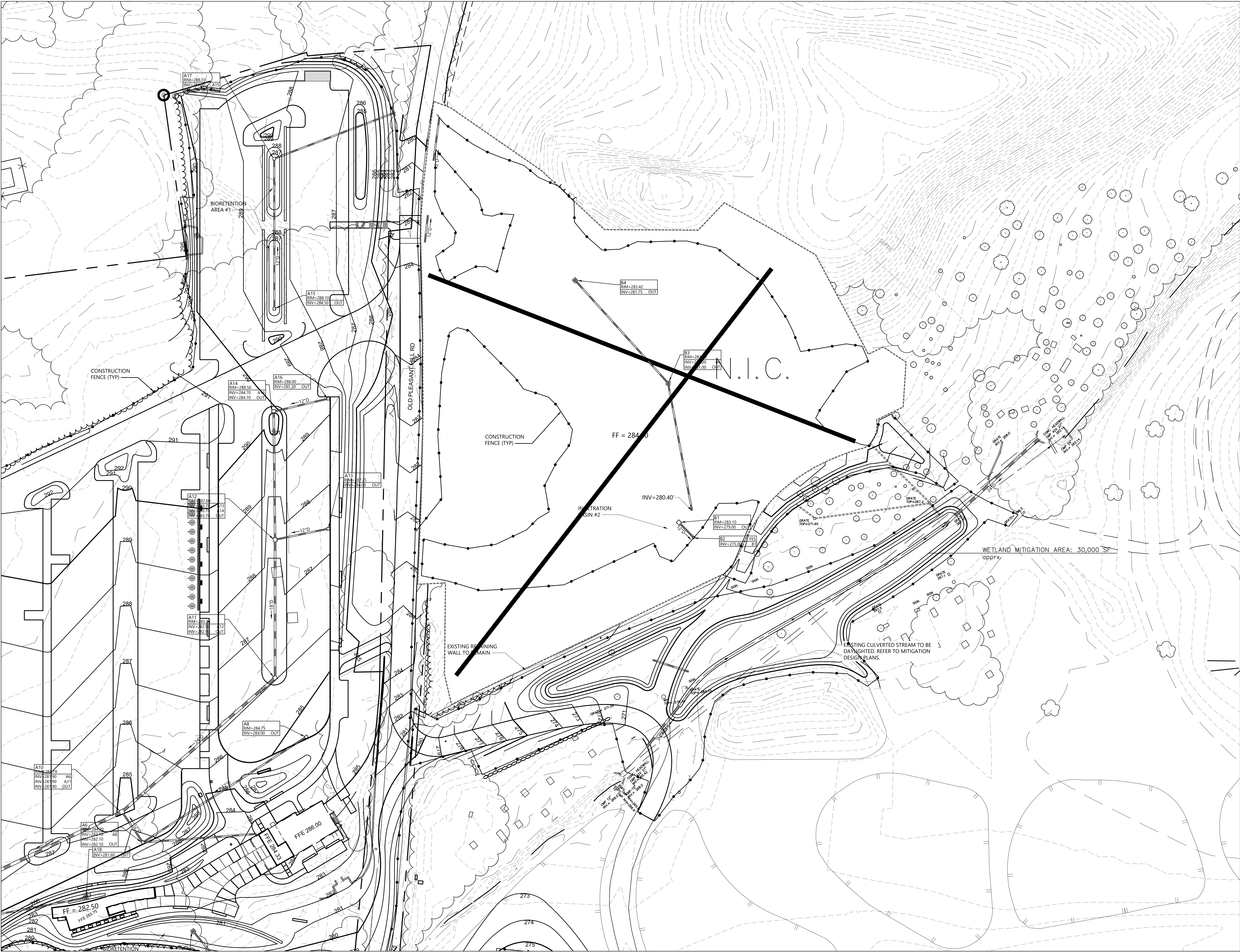
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Drawing Title

### 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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**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  
Grading and  
Drainage Plan -  
Administration  
Building

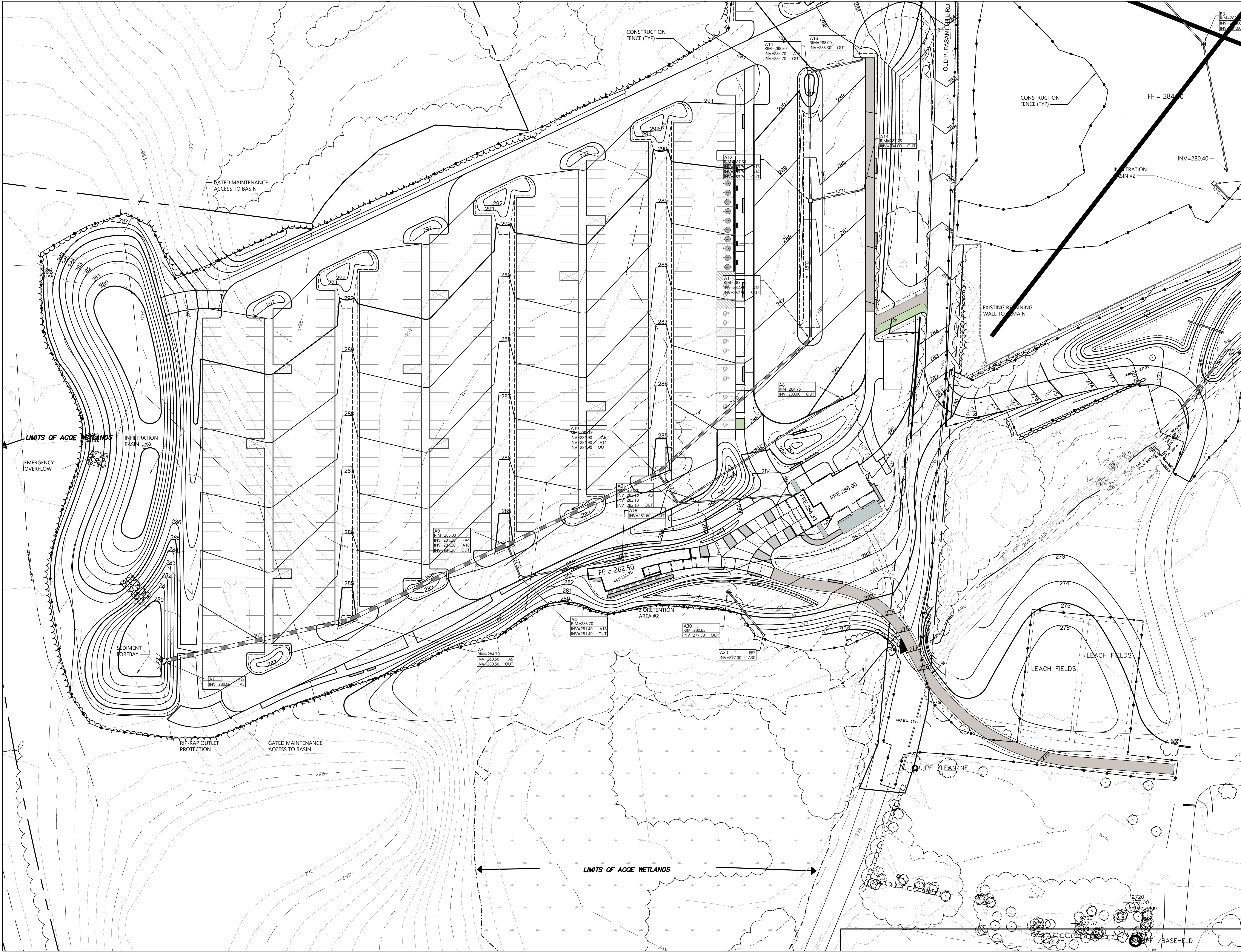
Date 06/17/22

Scale 1" = 40'

Drawing  
Number **C-301**

Sheet Size ARCH D





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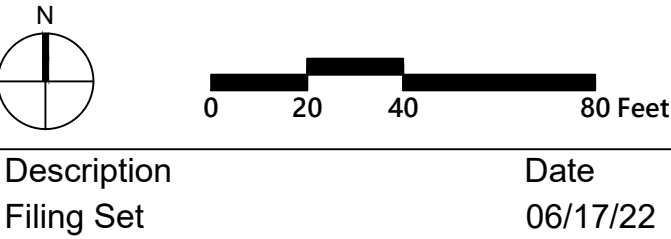
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Key Plan



Description	Date
Filing Set	06/17/22

Project

# Storm King Art Center

## Site Development

Seal

<b>NOT FOR CONSTRUCTION</b>	
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



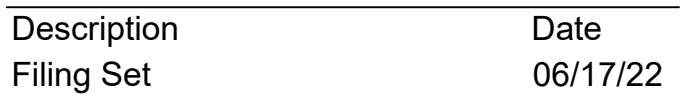
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# Storm King Art Center

## Site Development

Drawing Title

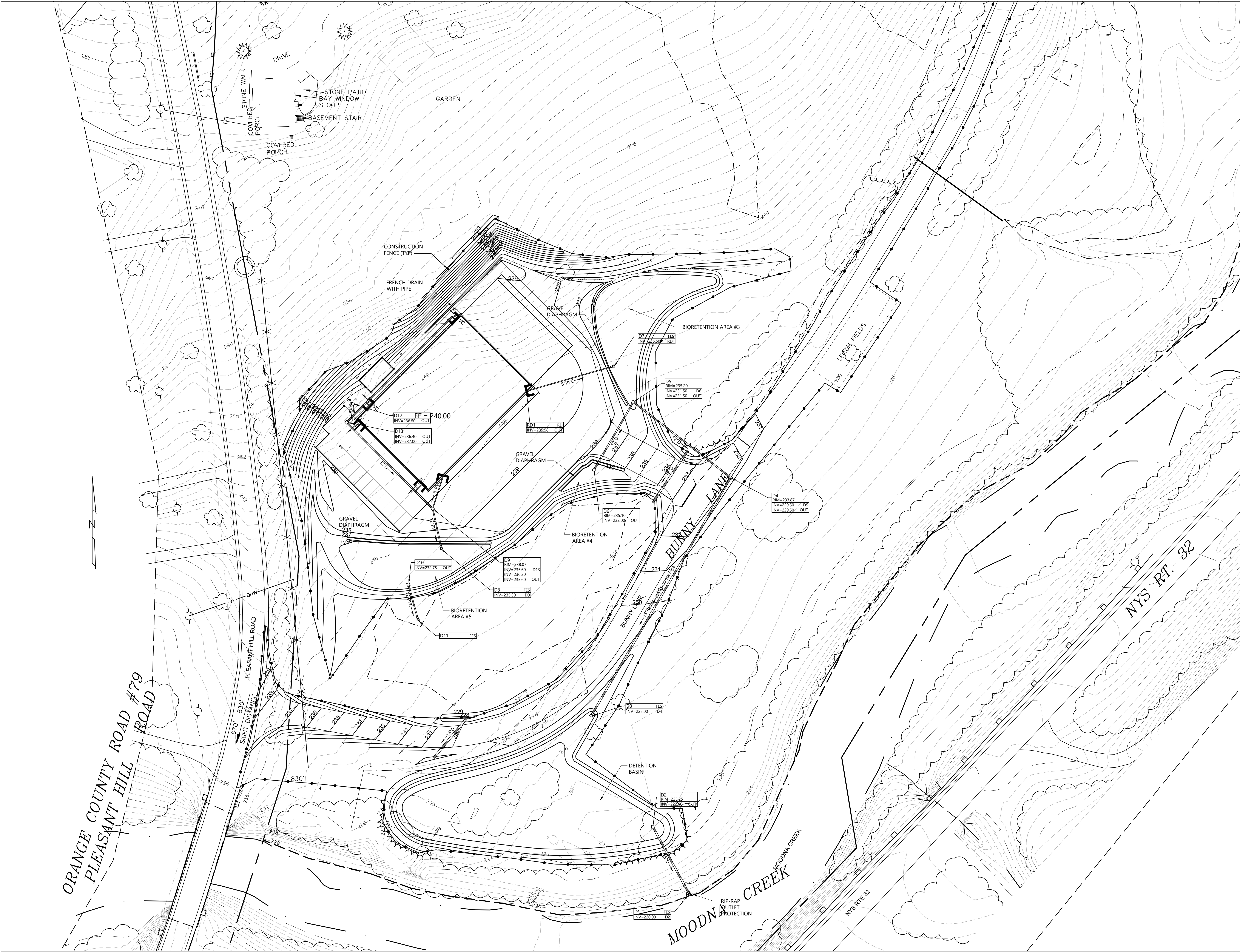
Date 06/17/22

Scale 1" = 40'

Drawing Number C-303

Sheet Size                  ARCH D





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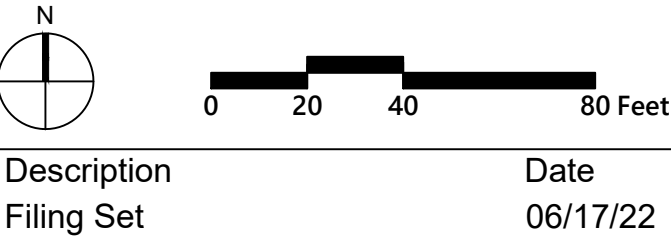
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**Key Plan**



Description	Date
Filing Set	06/17/22

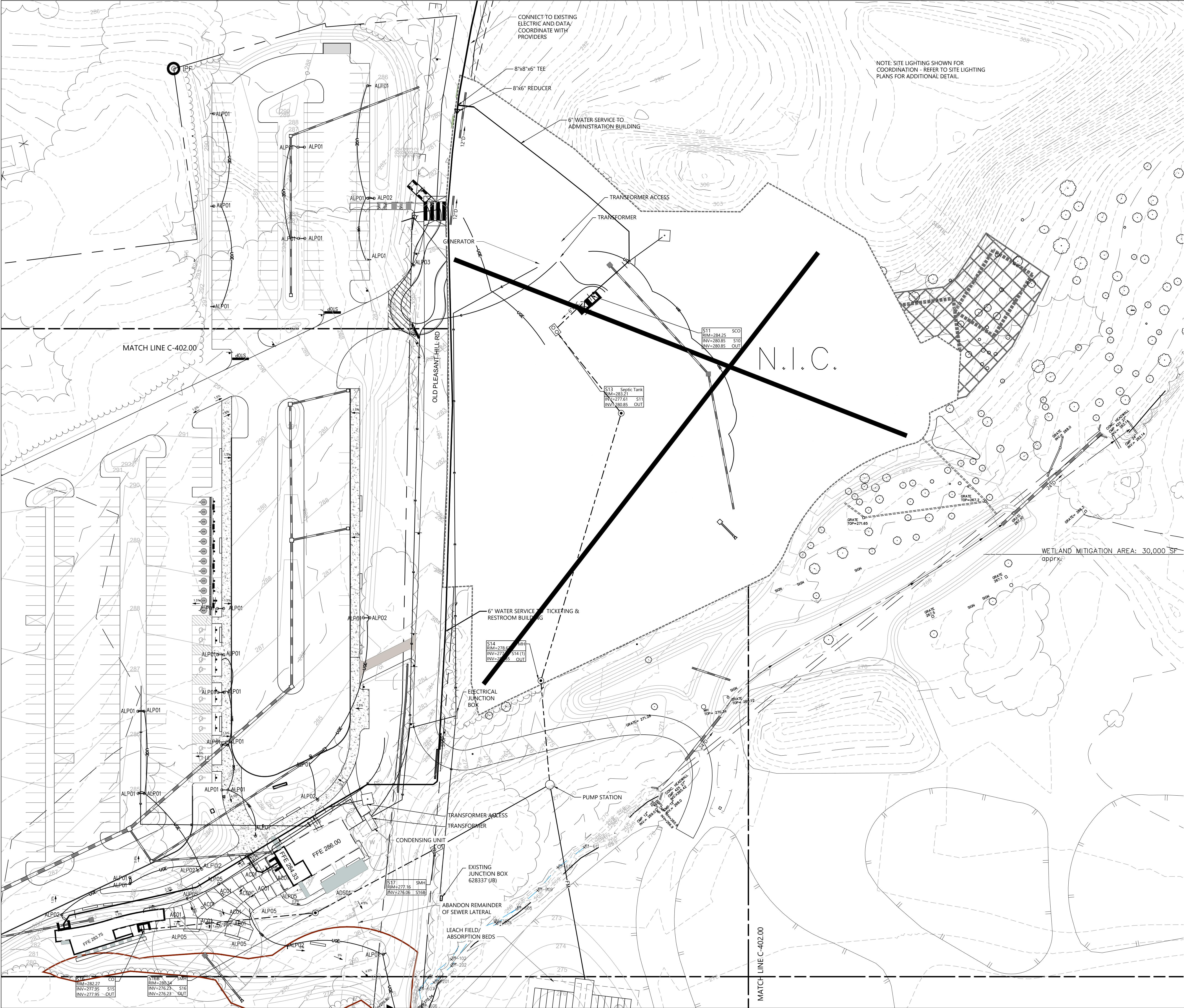
**Project**  
**Storm King**  
**Art Center**  
**Site**  
**Development**

Seal

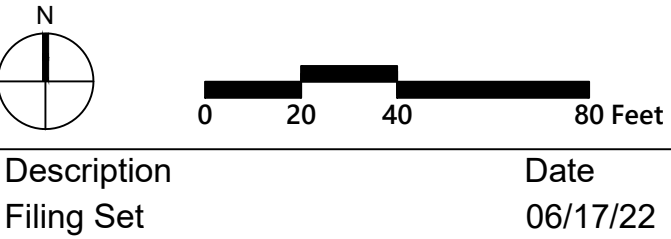
**NOT FOR CONSTRUCTION**  
**Drawing Title**  
**Grading and**  
**Drainage Plan - C.F.M.**  
**Building**

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





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<b>Key Plan</b>



Description	Date
Filing Set	06/17/22

**Project**

Storm King  
Art Center

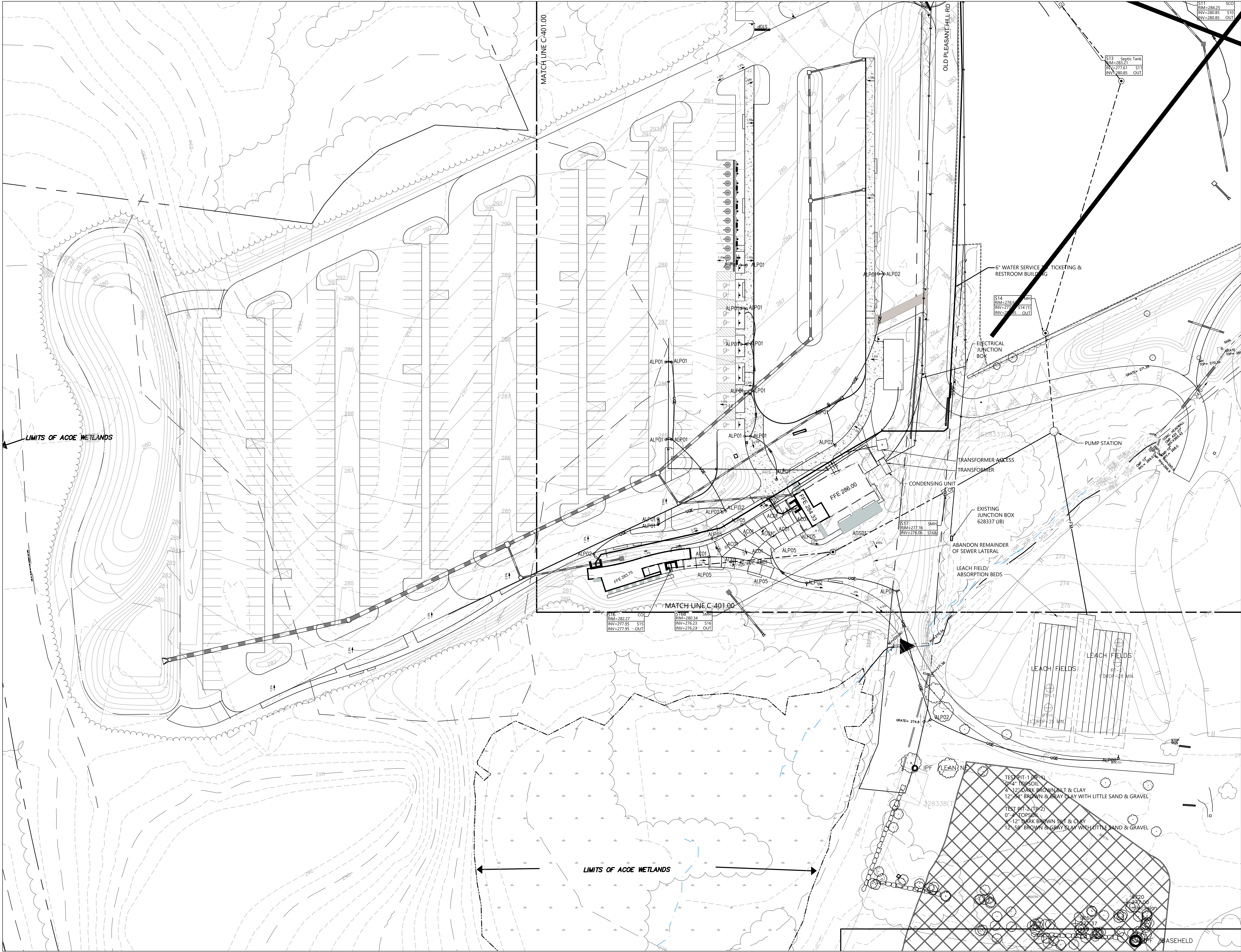
**Site  
Development**

**Seal**

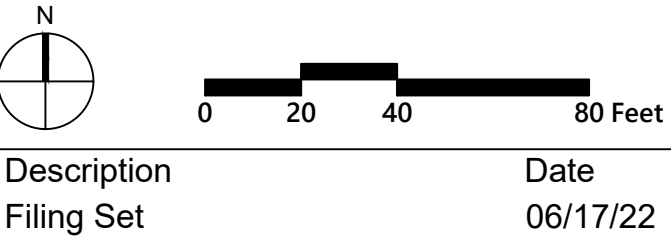
**NOT FOR CONSTRUCTION**  
Drawing Title  
Utility Plan -  
Administration  
Building

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-401
Sheet Size	ARCH D





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<b>Key Plan</b>



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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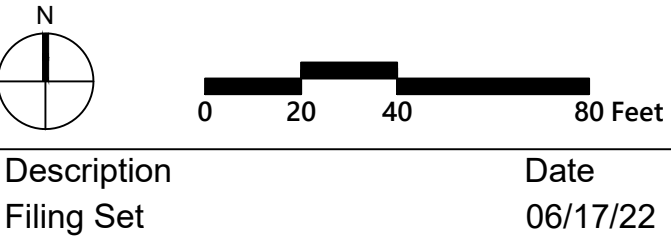
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Key Plan



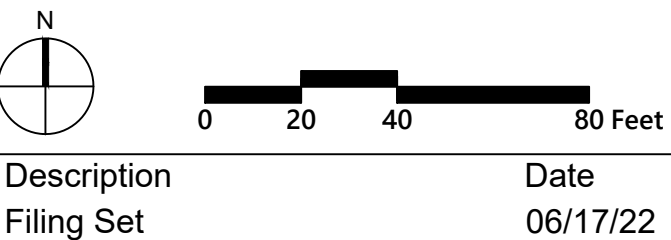
**Project**  
Storm King  
Art Center  
**Site  
Development**

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





Project

Storm King  
Art Center

**Site  
Development**

Seal

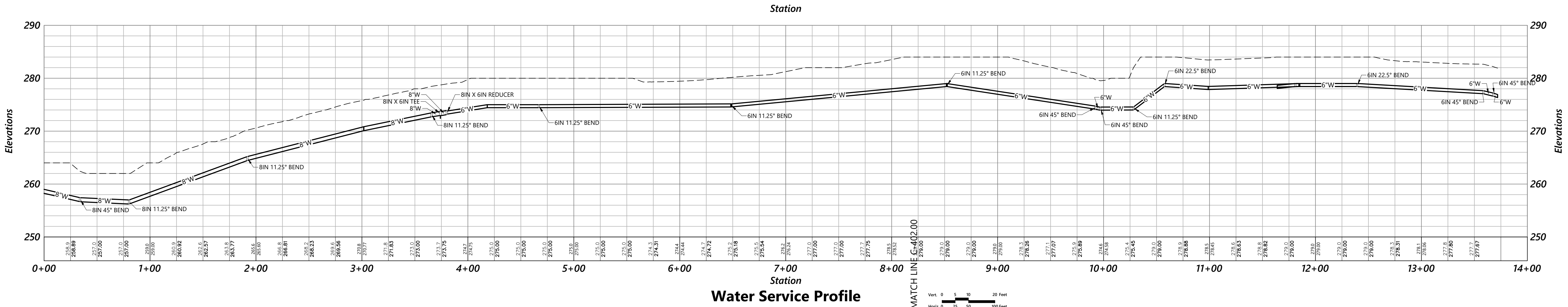
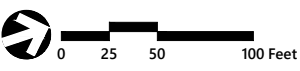
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Drawing Title  
Utility Plan -  
C.F.M. Building

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





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**Key Plan**

N	
Description	Date
Filing Set	06/17/22

Project

# Storm King Art Center Site Development

Seal

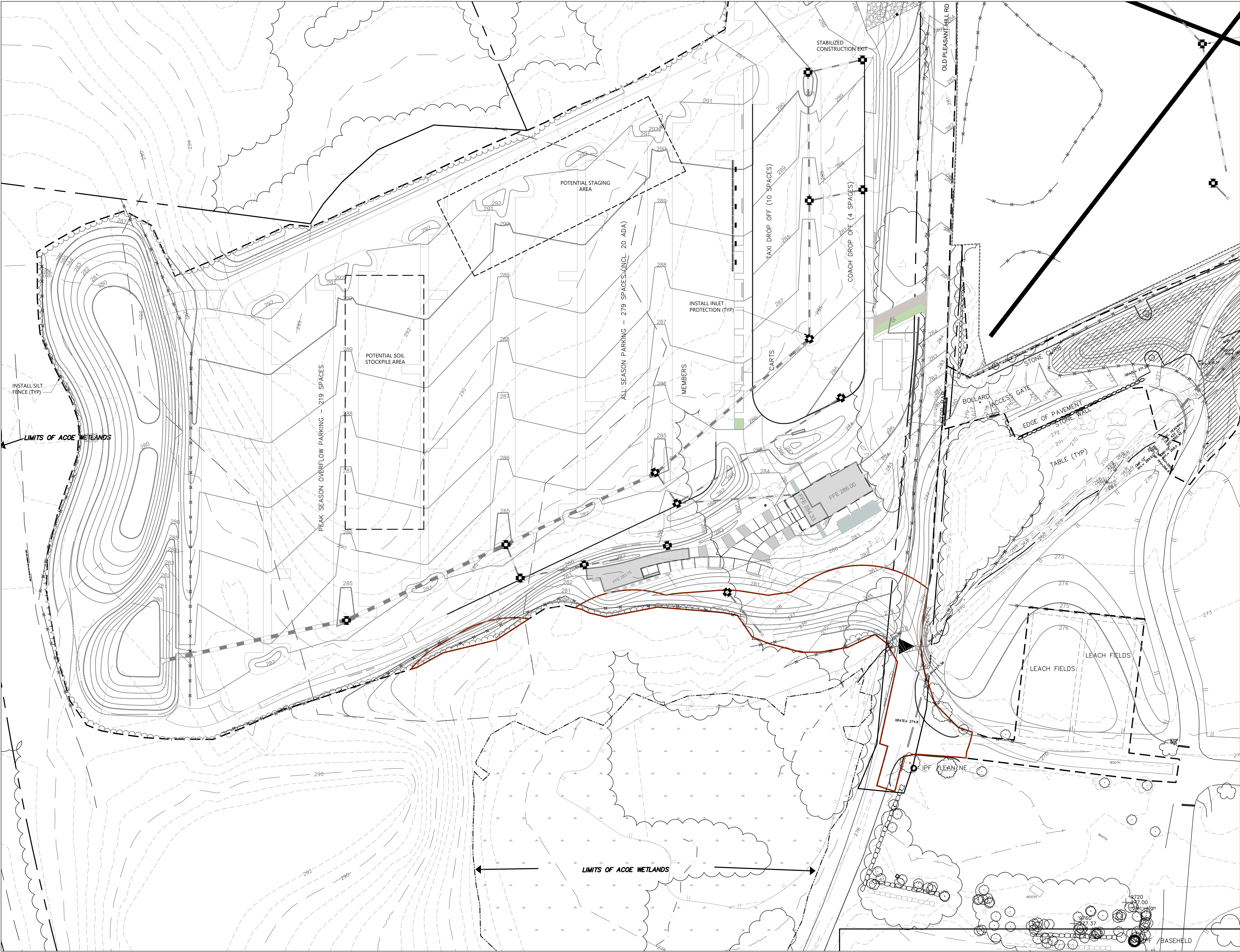
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Drawing Title  
Utility Plan -  
Water Main- Plan &  
Profile

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









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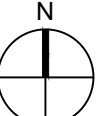
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**Key Plan**





Description	Date
Filing Set	06/17/22

**Project**

# Storm King Art Center

## Site Development

**Seal**

**NOT FOR CONSTRUCTION**

**Drawing Title**

### Erosion and Sediment Control Plan - North Parking and Welcome Pavilions

Date	06/17/22
Scale	1" = 40'
Drawing Number	<b>C-502</b>
Sheet Size	ARCH D





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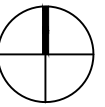
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Key Plan





Description	Date
Filing Set	06/17/22

Project

Storm King  
Art Center

Site  
Development

Seal

**NOT FOR CONSTRUCTION**  
Drawing Title  
Erosion and Sediment  
Control Plan - Pond  
Pavilion

Date	06/17/22
Scale	1" = 40'
Drawing Number	C-503
Sheet Size	ARCH D





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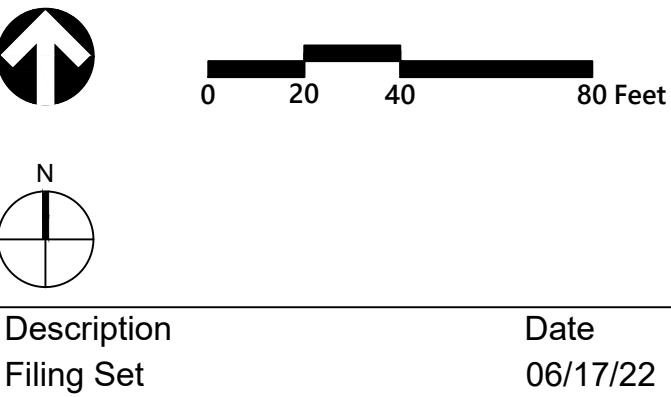
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Key Plan



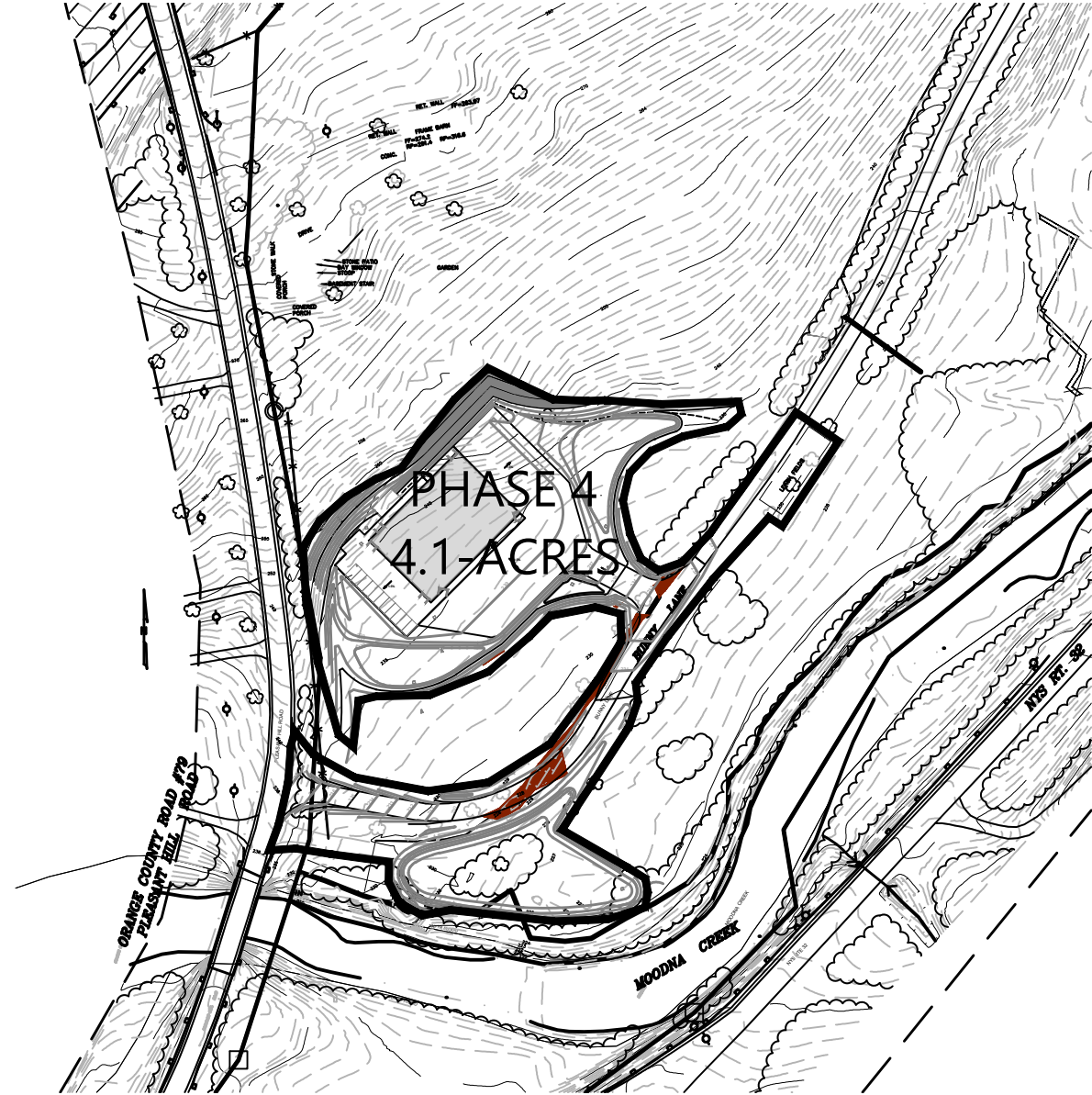
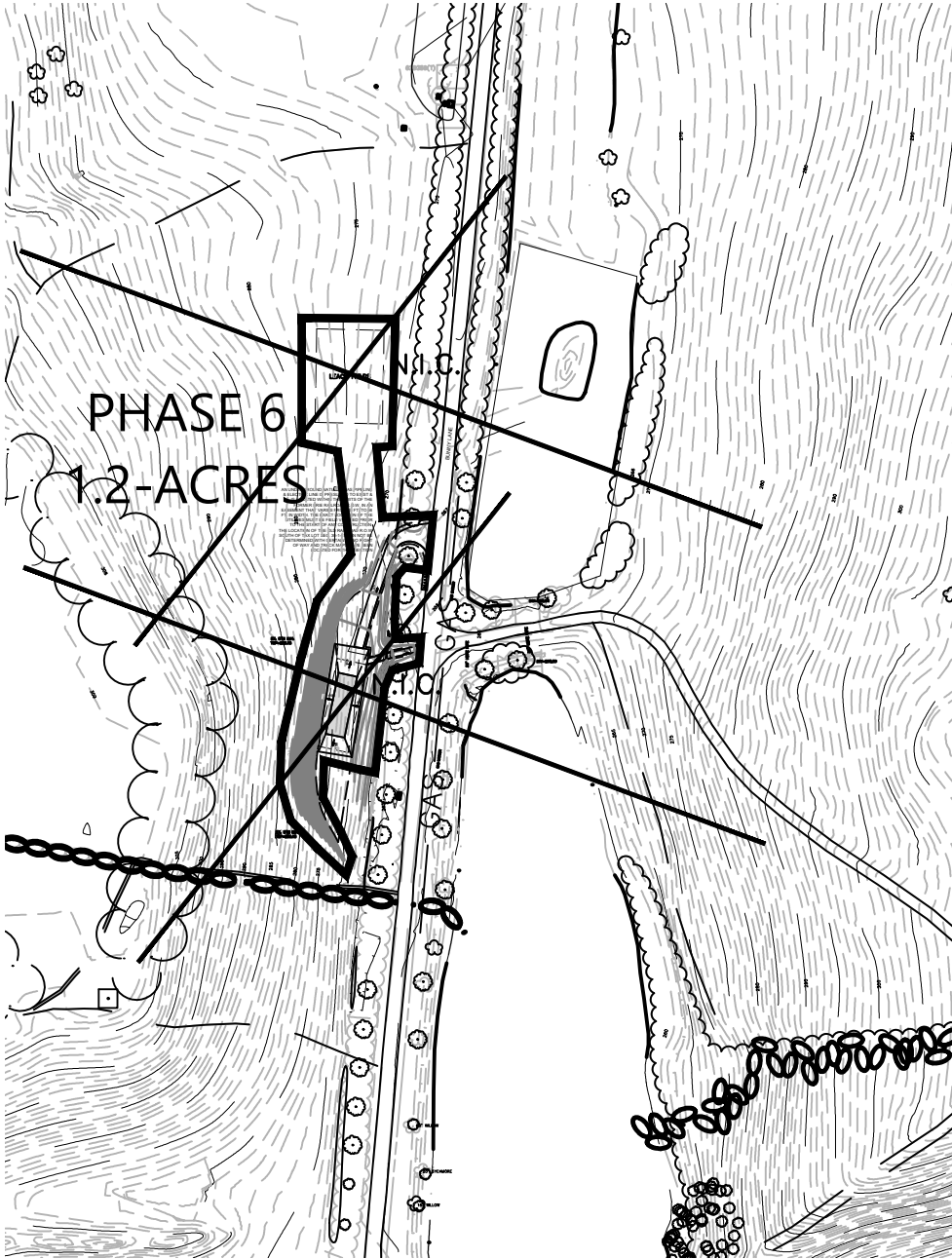
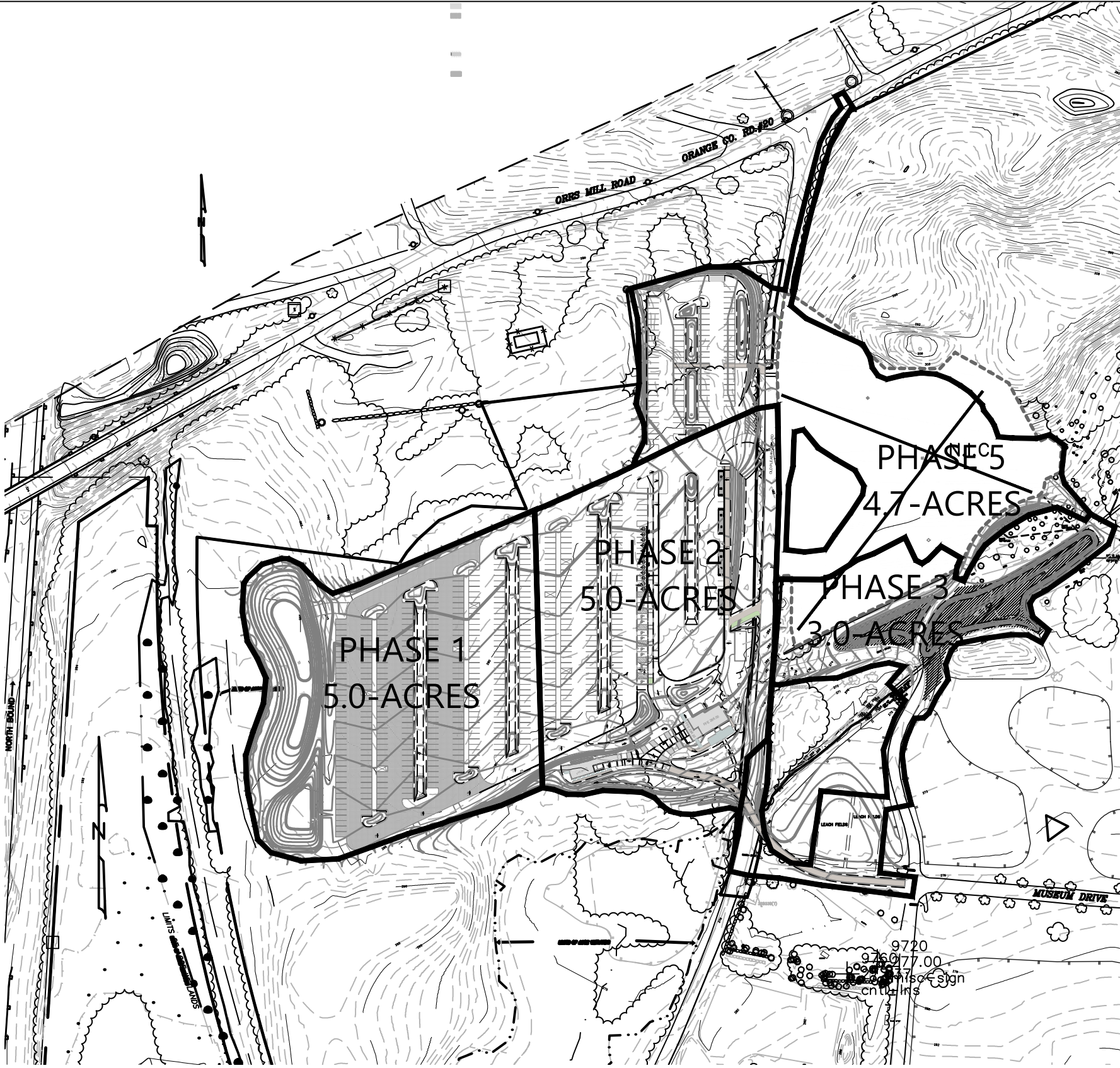
Project  
Storm King  
Art Center  
Site  
Development

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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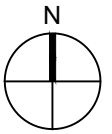
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Key Plan



0 100 200 400Feet



Description  
Filing Set

Date  
06/17/22

Project

Storm King  
Art Center

Site  
Development

Seal

**NOT FOR CONSTRUCTION**  
Drawing Title  
Erosion and Sediment  
Control Phasing Plan

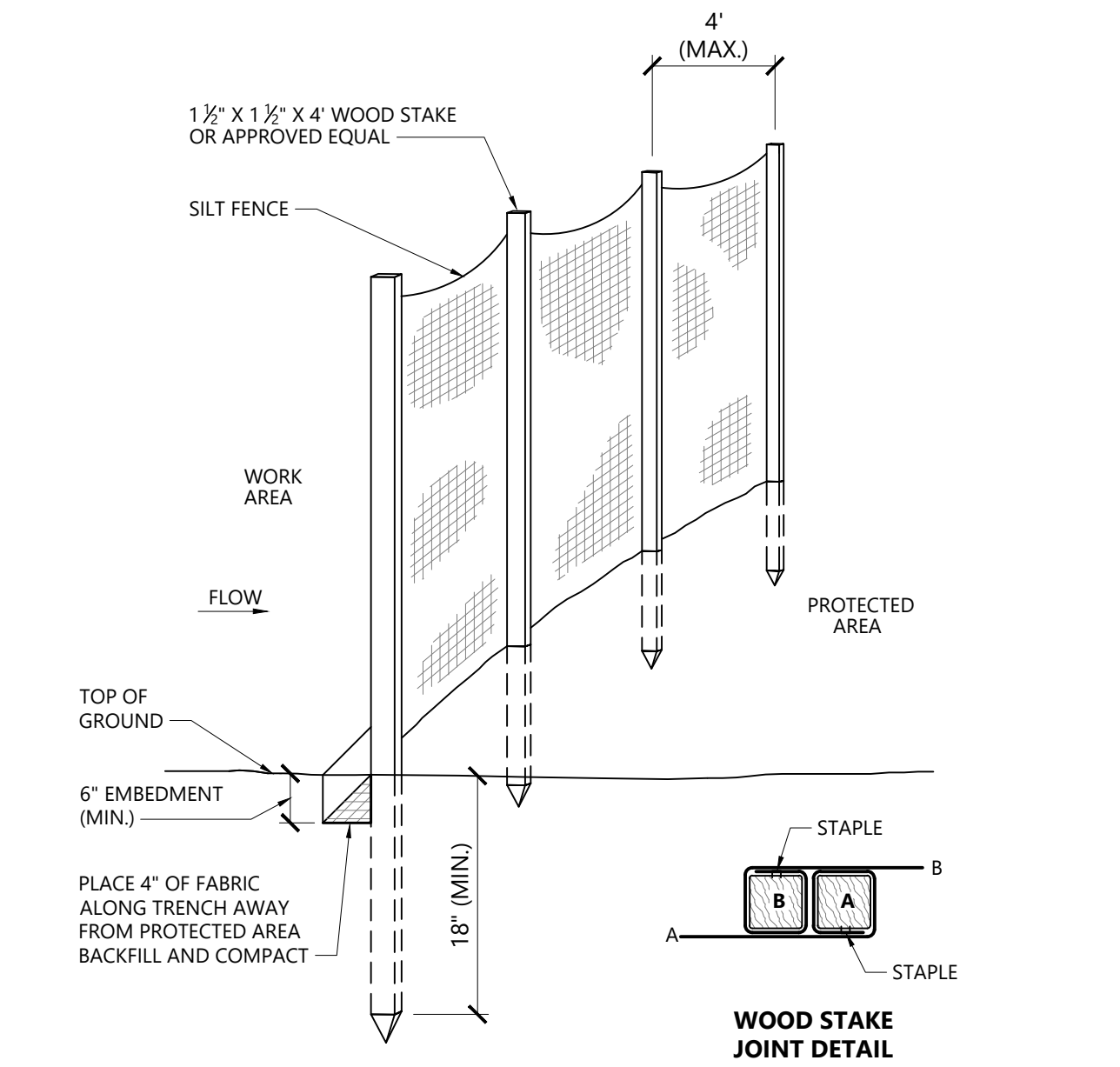
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Drawing  
Number C-505

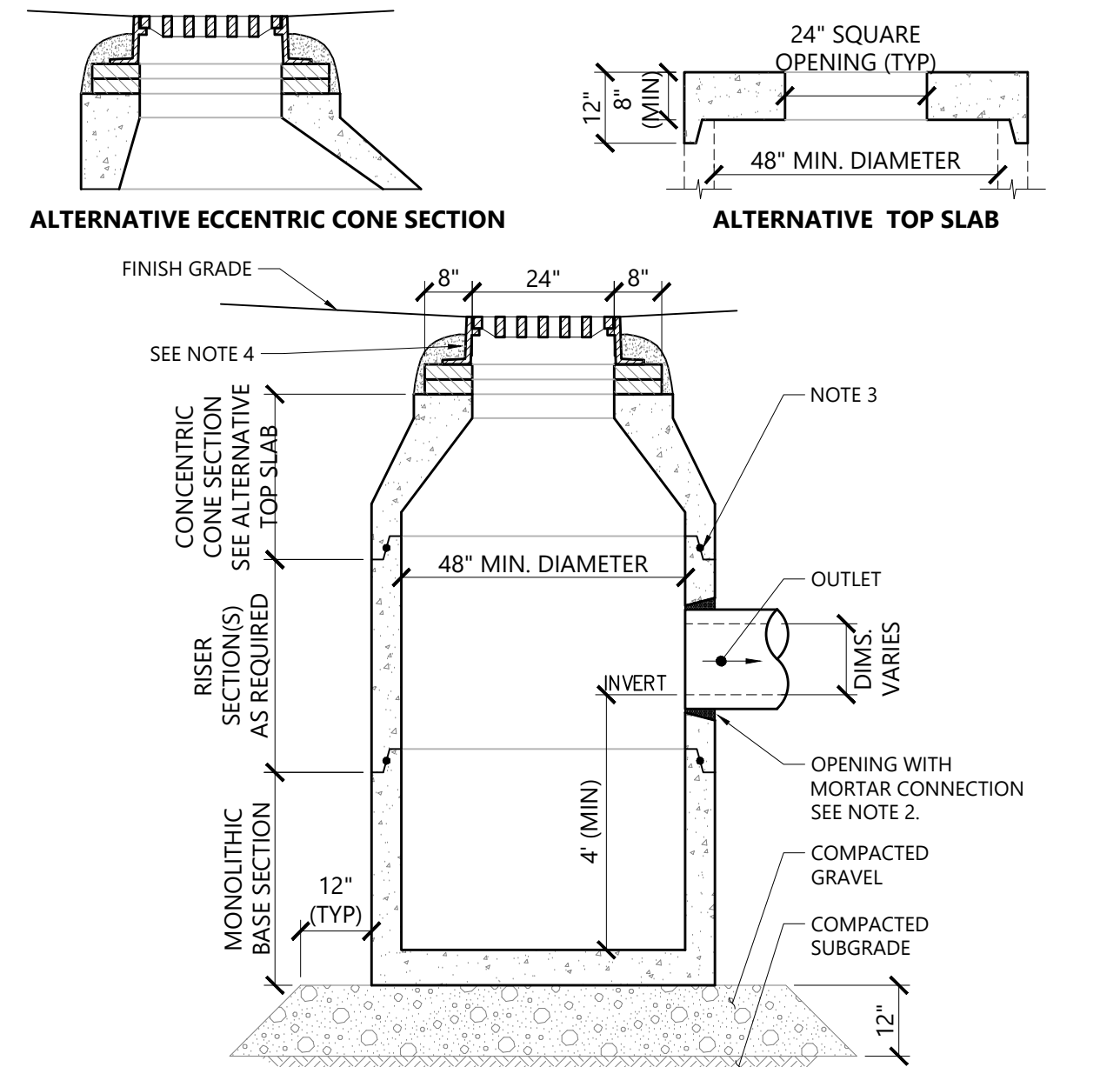
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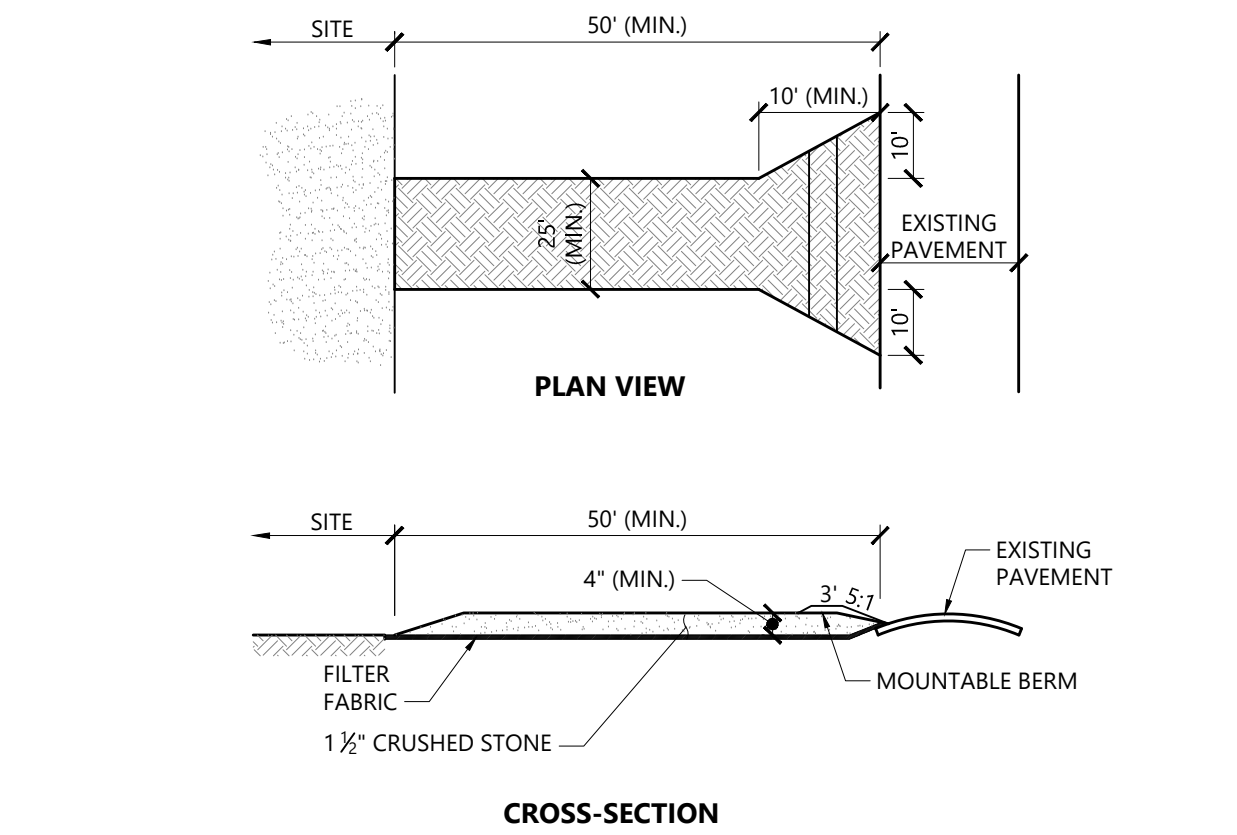
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 6" MAXIMUM MESH OPENING.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER- LAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA 1140N, 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.

Catch Basin (CB)	1/16
N.T.S.	Source: VHB
REV	LD_650



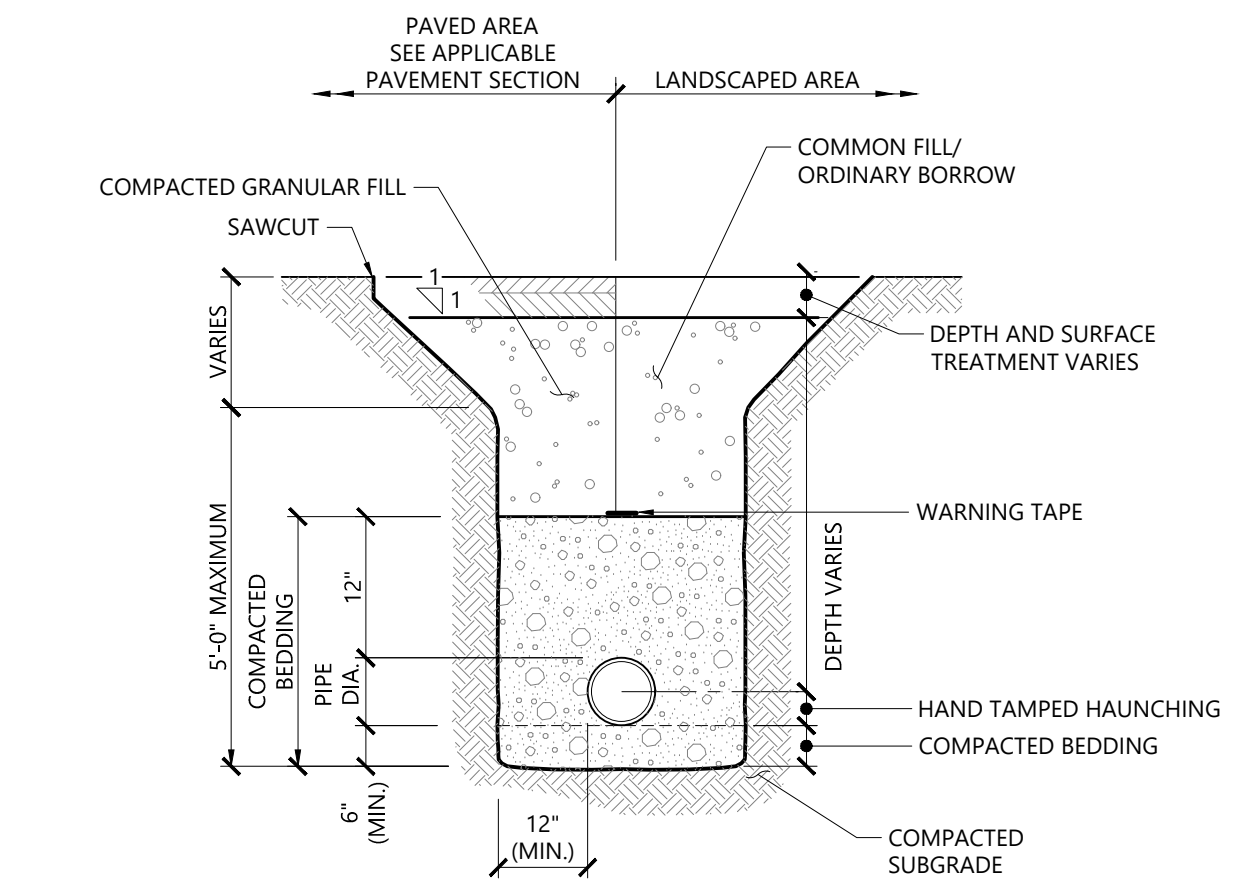
- NOTES**
- ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
  - PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
  - JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
  - CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR 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



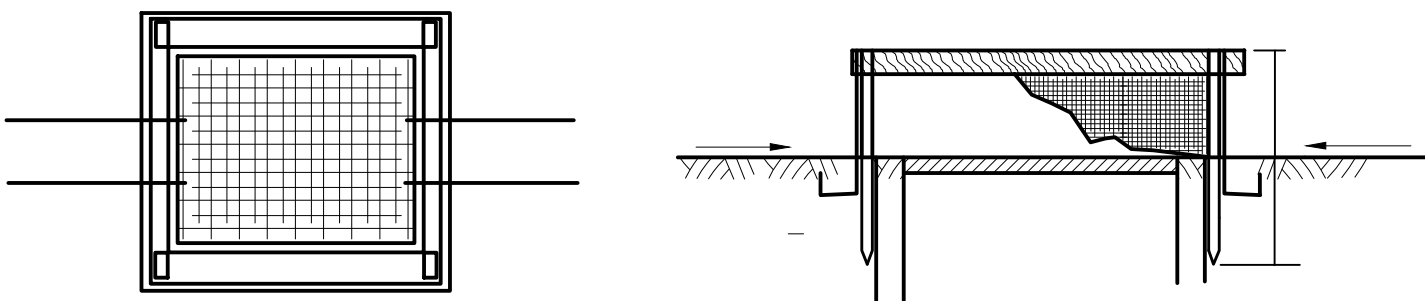
- NOTES**
- EXIT WIDTH SHALL BE A TWENTY-FIVE (25) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
  - THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING 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	



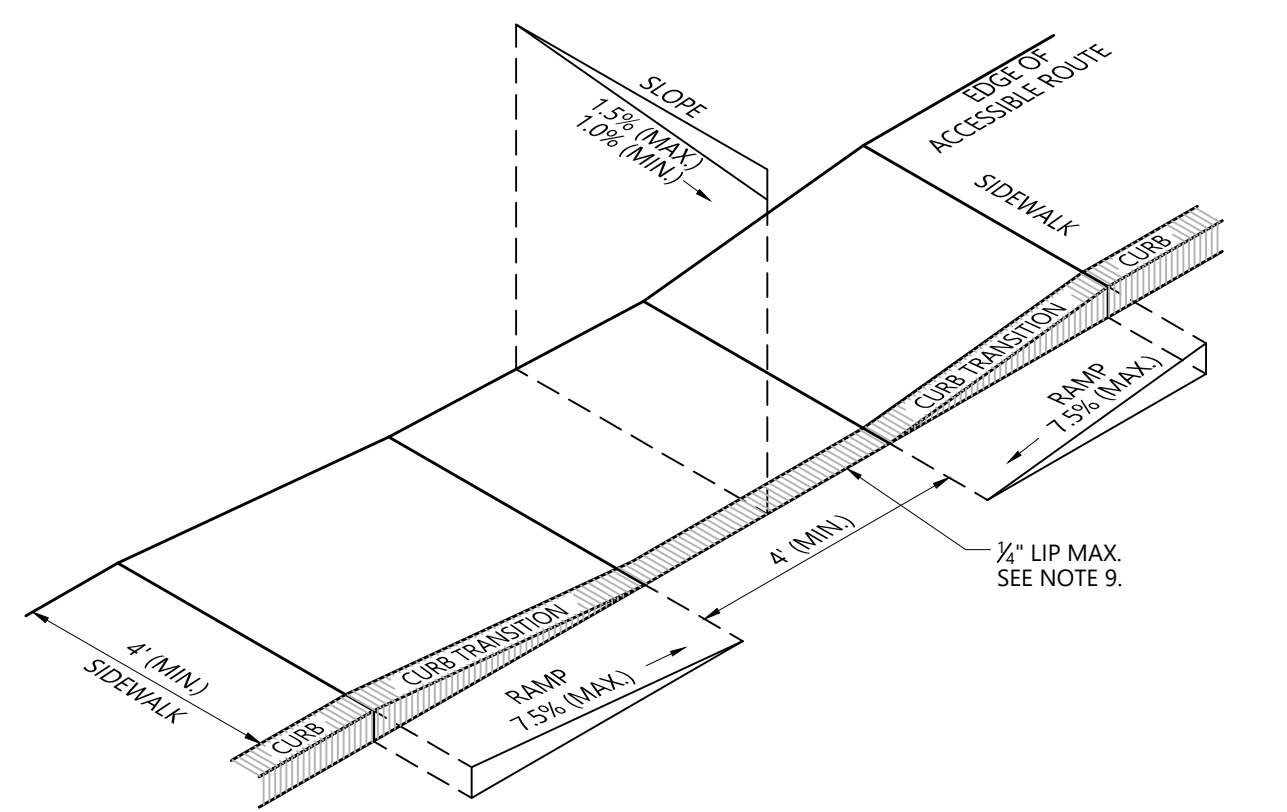
- NOTES**
- WHERE UTILITY TRENCHES ARE CONSTRUCTED THROUGH DETENTION BASIN BERMS OR OTHER SUCH SPECIAL SECTIONS, PLACE TRENCH BACKFILL WITH MATERIALS SIMILAR TO THE SPECIAL SECTION REQUIREMENTS.
  - USE METALLIC TRACING/WARNING TAPE OVER ALL PIPES.

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



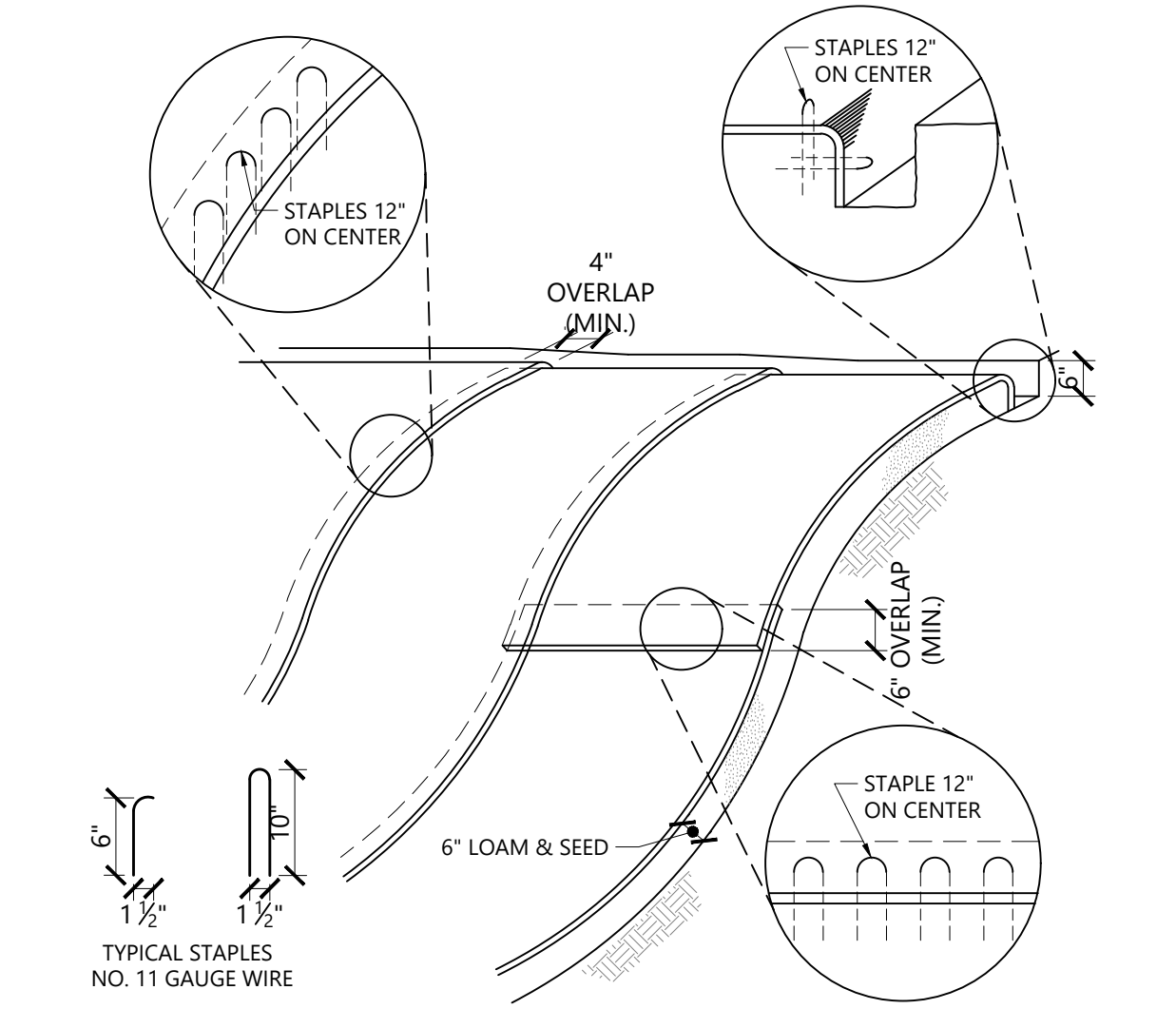
- PLAN**
- NOTES:**
- GEOTEXTILE SHALL BE CUT FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NECESSARY THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
  - STAKE MATERIAL WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
  - SPACE STAKES EVENLY AROUND INLET WITH A 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"x 4" 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	



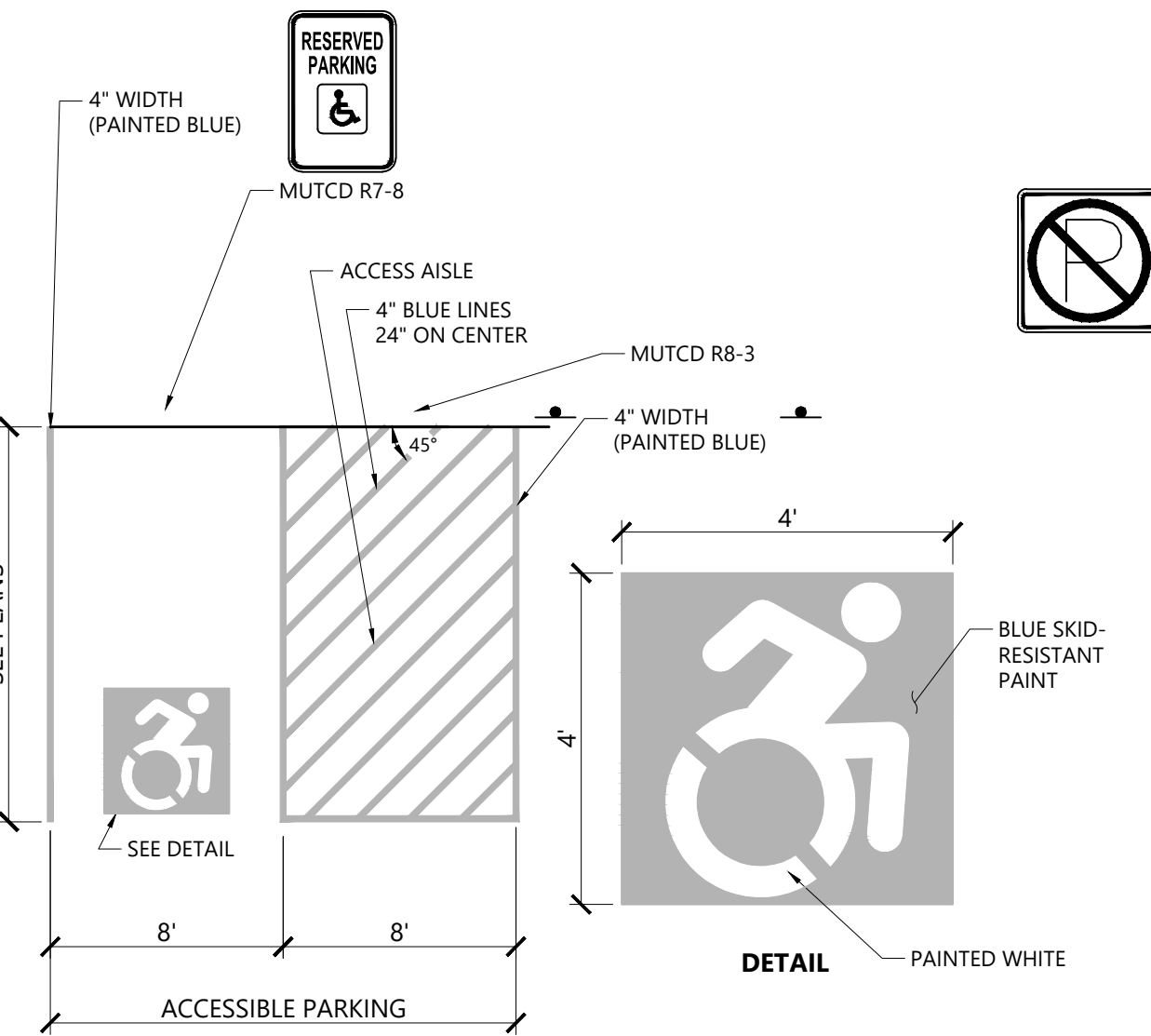
- NOTES**
- THE MAXIMUM ALLOWABLE SIDEWALK AND CURB RAMP CROSS SLOPES SHALL BE 1.5 (1% MIN.).
  - THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE EXCLUDING CURB RAMPS SHALL BE 5%.
  - THE MAXIMUM ALLOWABLE SLOPE OF ACCESSIBLE ROUTE AT CURB RAMPS SHALL BE 7.5%.
  - A MINIMUM OF 3 FEET CLEAR SHALL BE MAINTAINED 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**
- 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 SPLICED 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	



- 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	

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**Key Plan**

N	
Description	Date
Filing Set	06/17/22

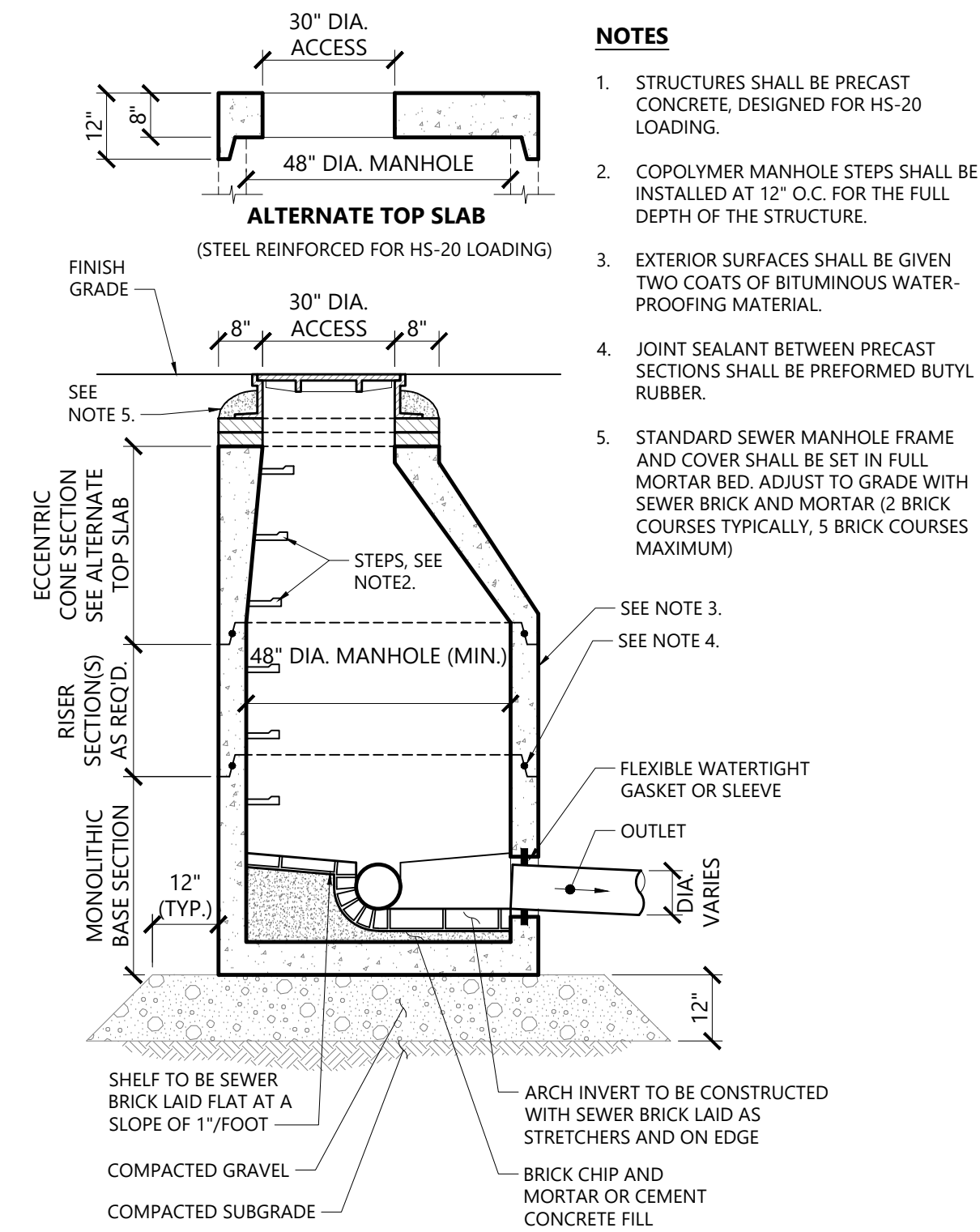
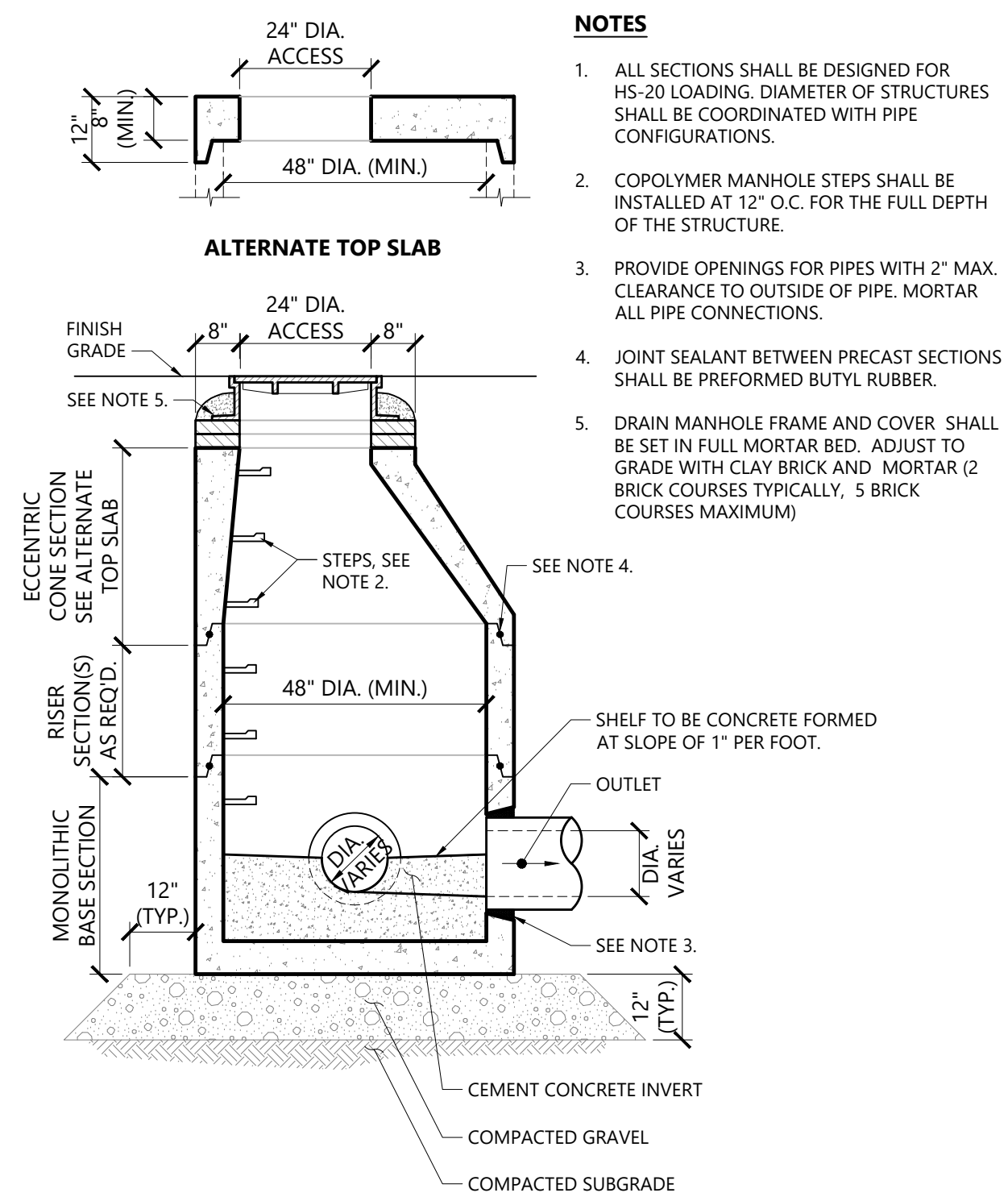
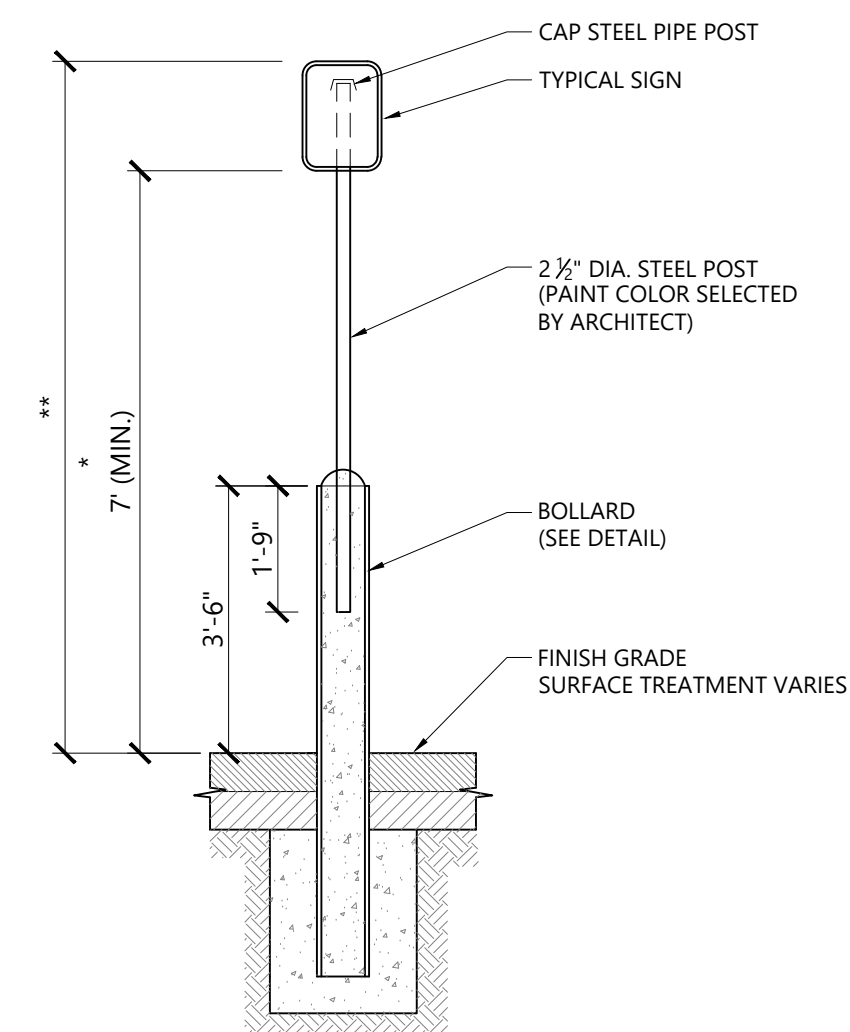
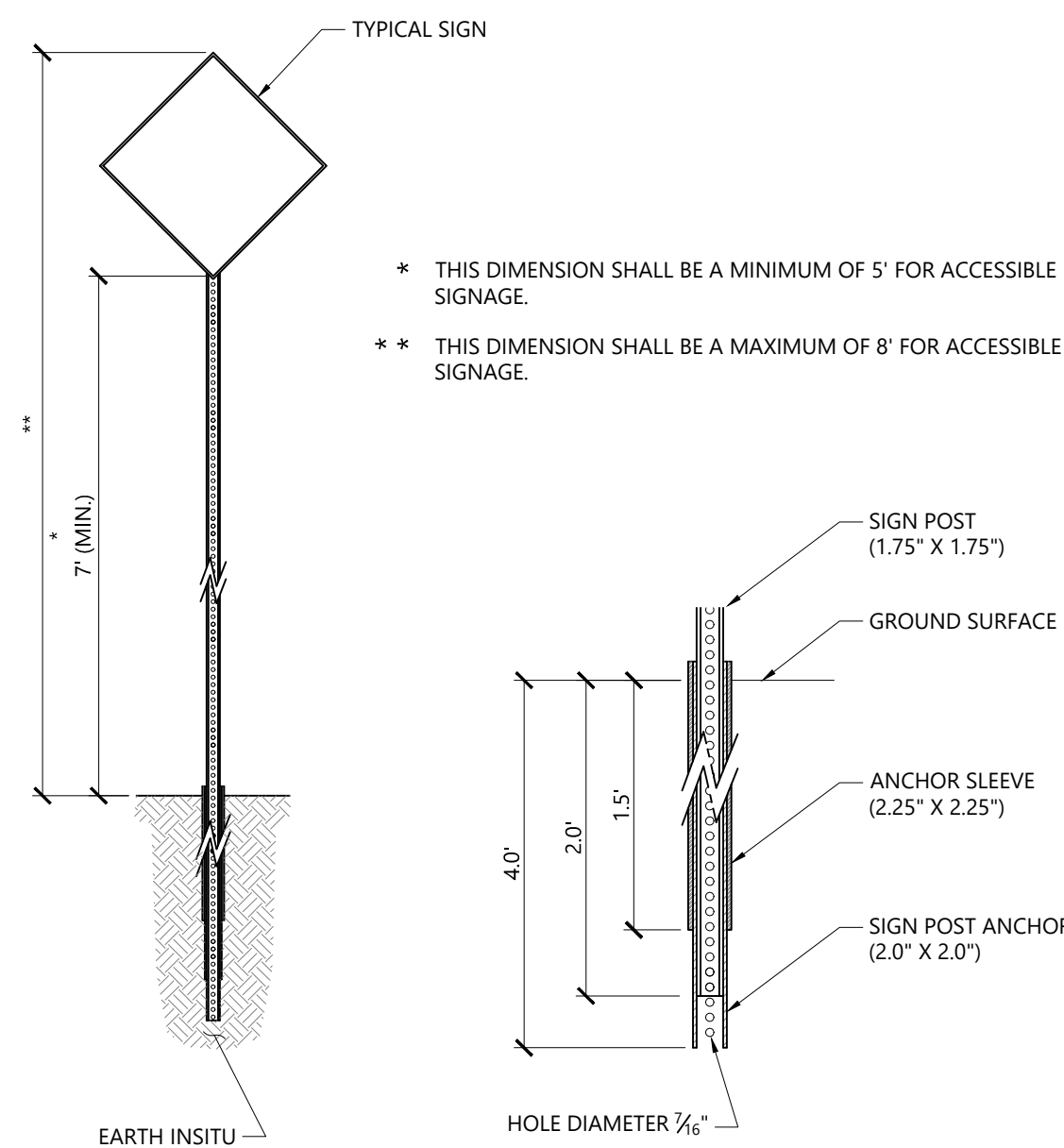
**Project**  
Storm King  
Art Center  
Site  
Development

**Seal**

**NOT FOR CONSTRUCTION**  
**Drawing Title**  
Site Details

Date	06/17/22
Scale	N/A
Drawing Number	C-601
Sheet Size	ARCH D





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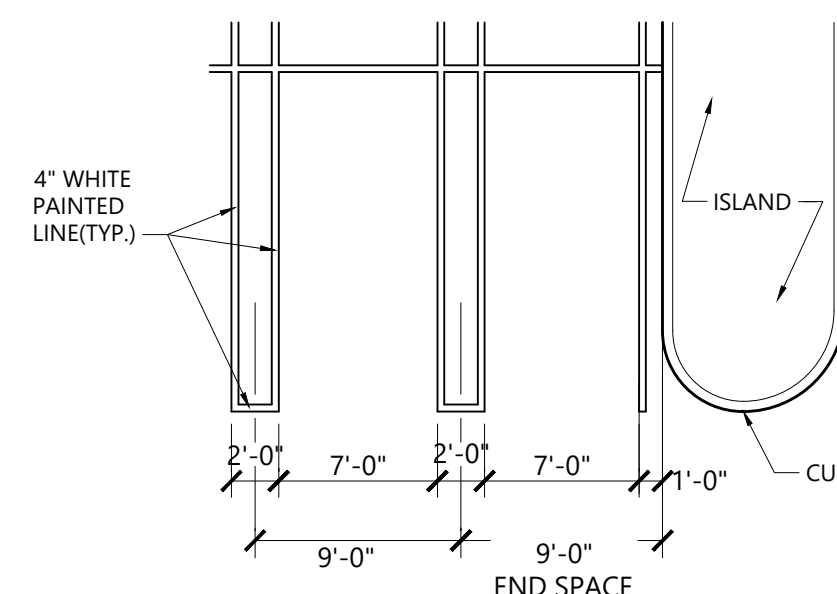
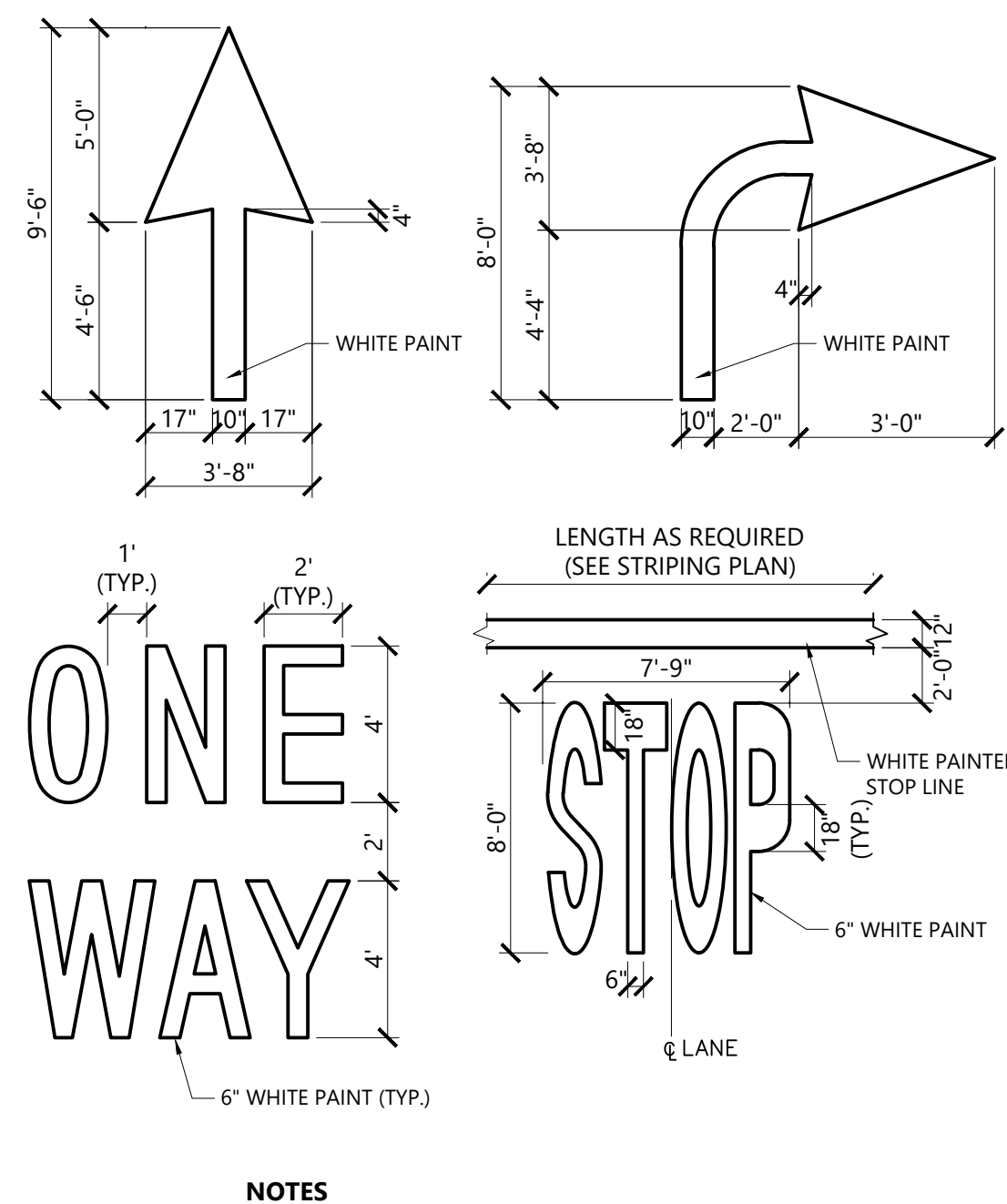
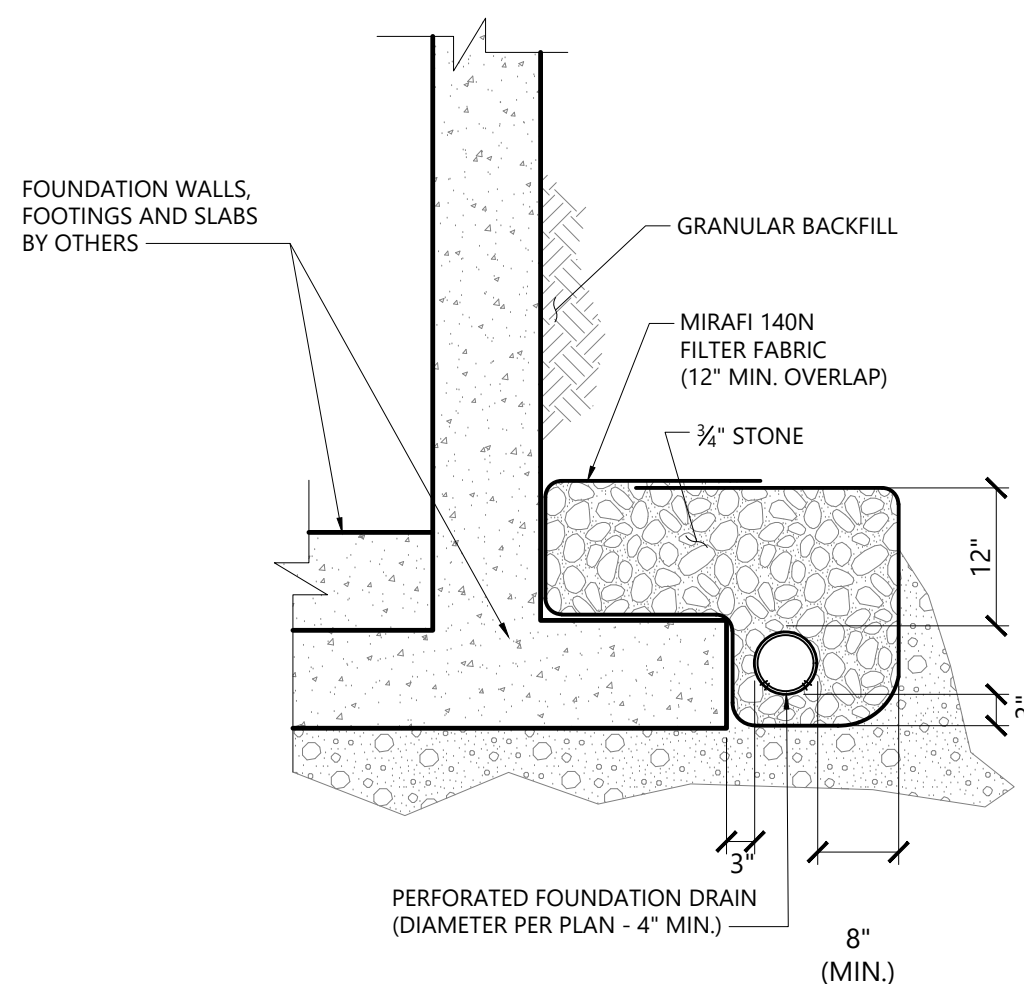
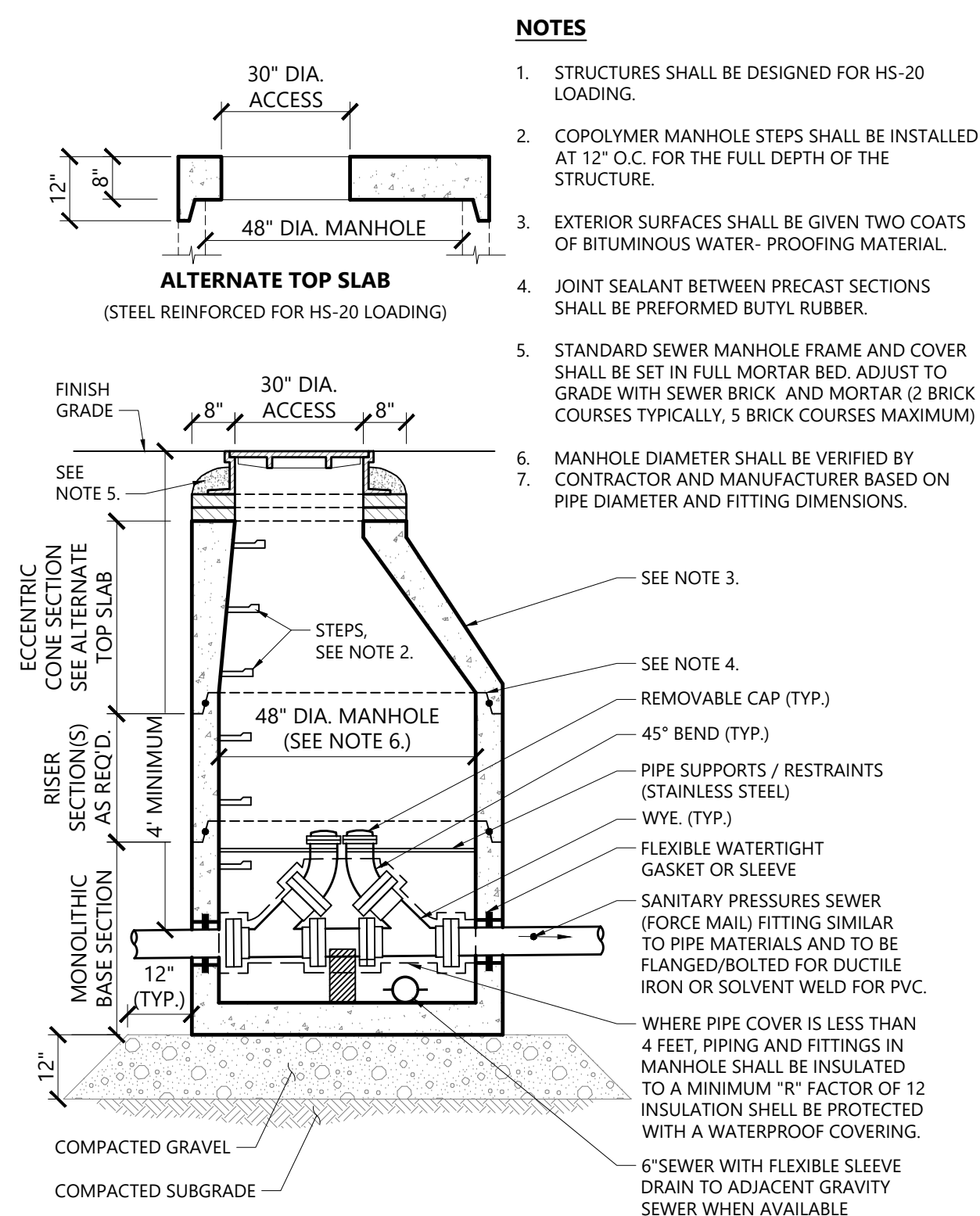
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### Key Plan



Description	Date
Filing Set	06/17/22

Project  
Storm King  
Art Center  
Site  
Development

Seal

**NOT FOR CONSTRUCTION**

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Drawing Title  
**Site Details**

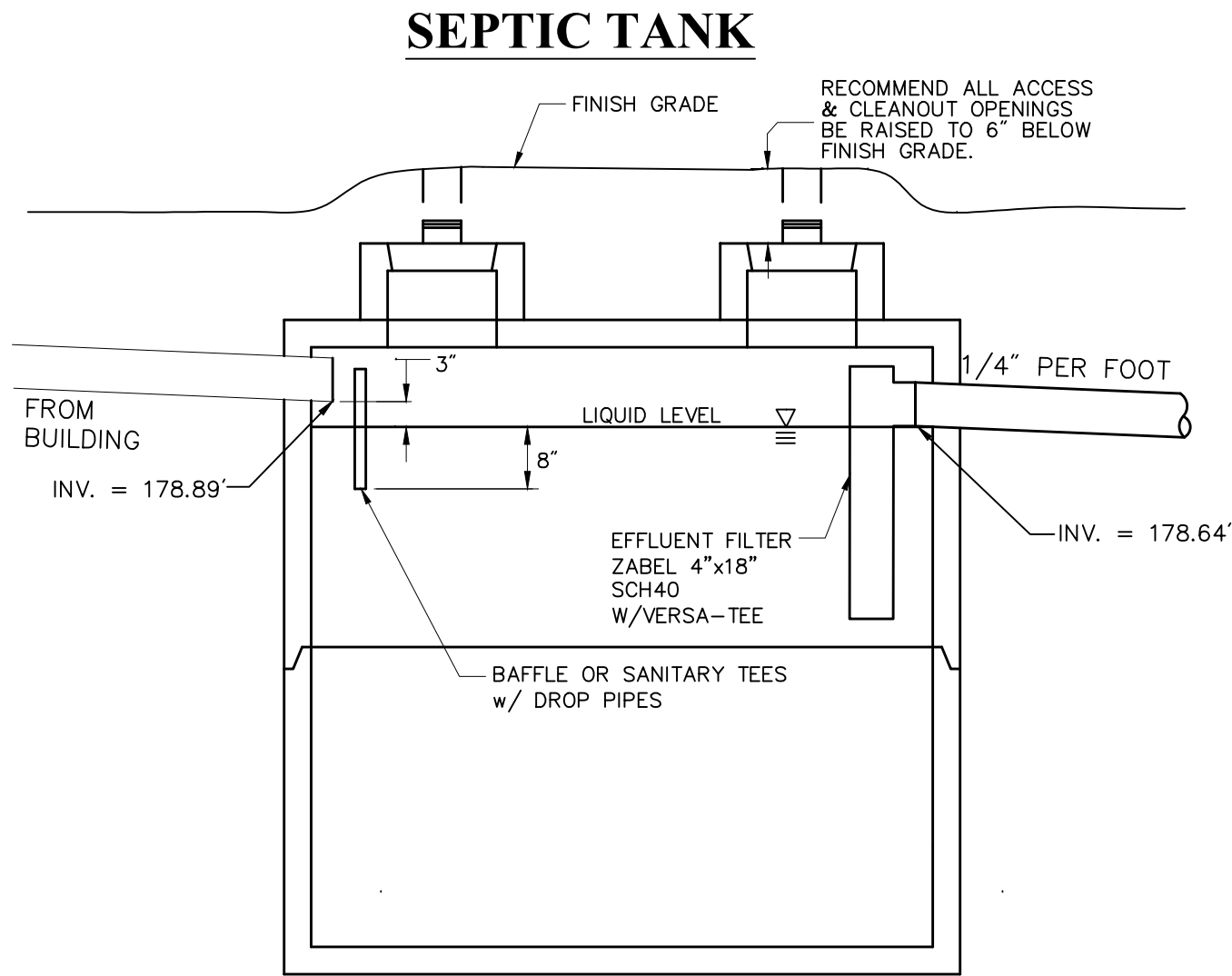
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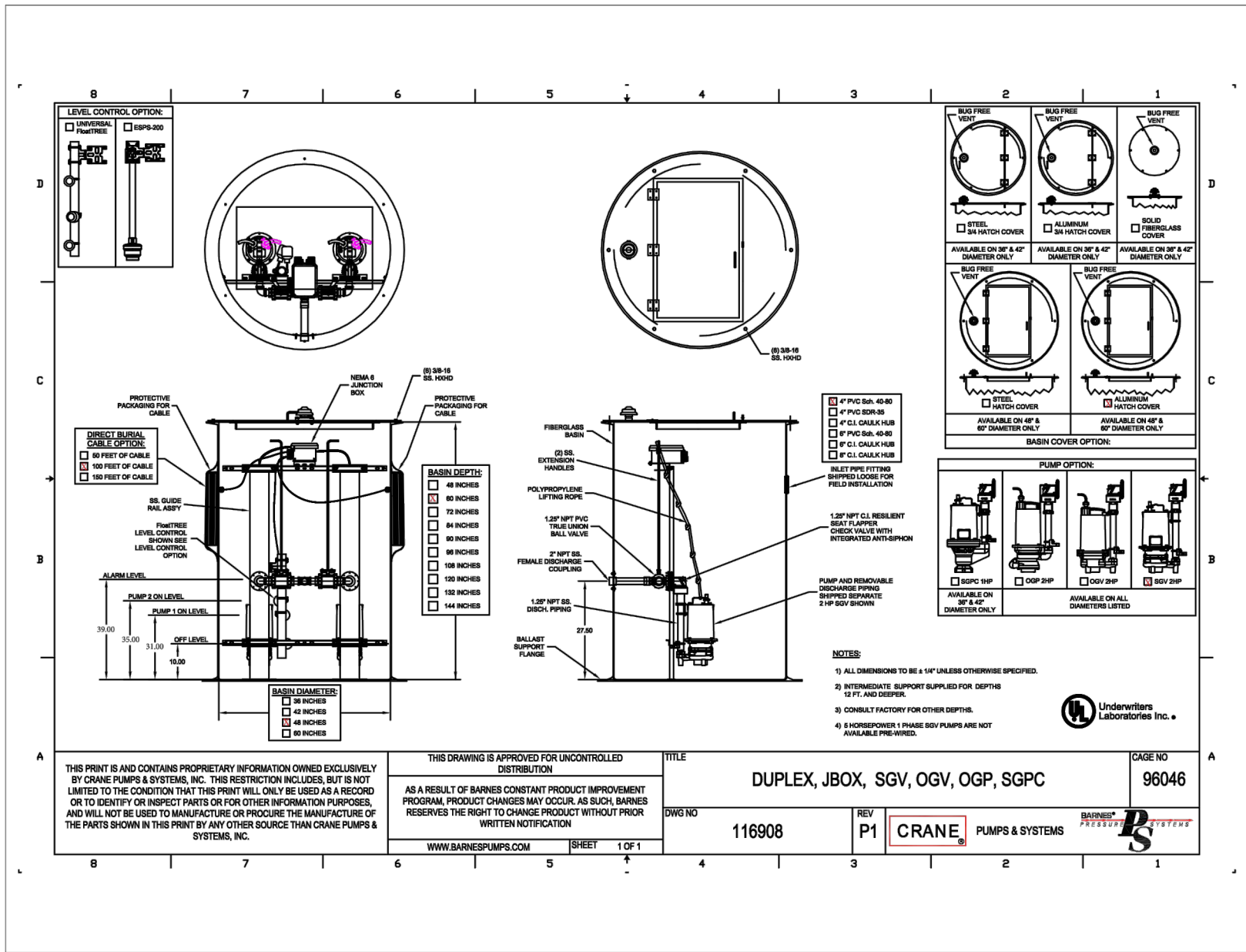
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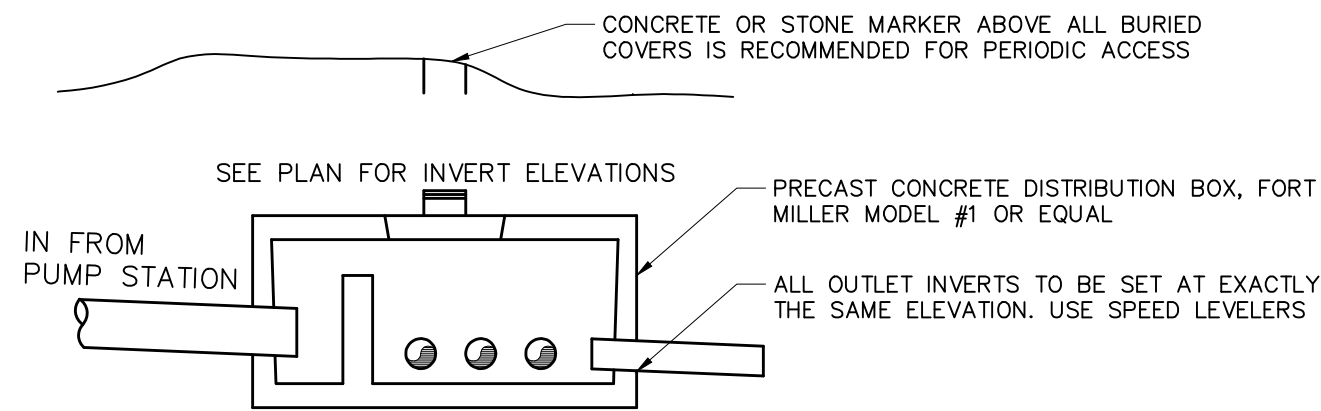


- Septic Tank Notes:**
- UNIT SHALL BE PRECAST CONCRETE AS MANUFACTURED BY FORT MILLER OR EQUIVALENT.
  - STRUCTURE TO BE PLACED ON FIRM, COMPACT SAND OR GRAVEL FOUNDATION. WHEREVER EXISTING FOUNDATION CONDITIONS ARE UNSUITABLE, CRUSHED STONE SHALL BE PLACED AS NECESSARY TO ACHIEVE A STABLE FOUNDATION.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

**Septic Tank** 6/08  
N.T.S. Source: VHB REV LD

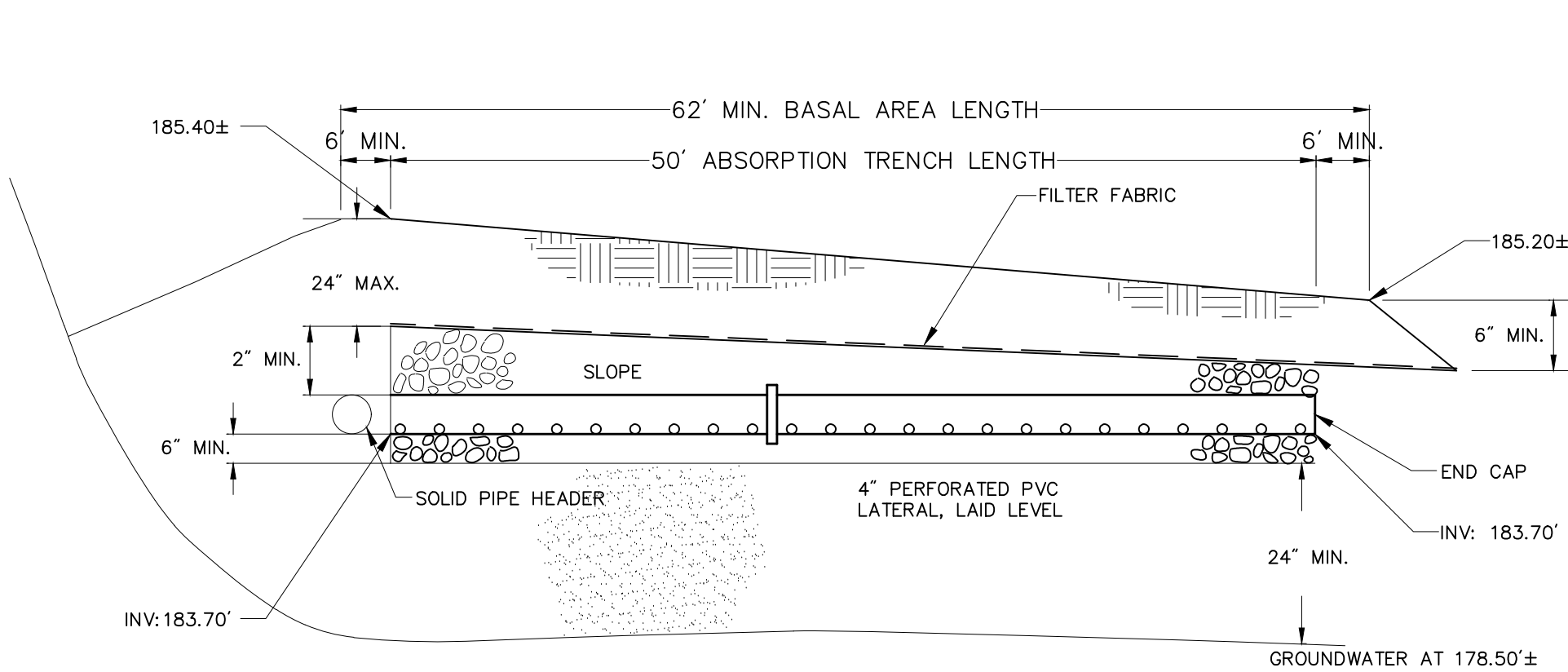


**Fiberglass Pump Basin** 6/08  
N.T.S. Source: VHB LD



- 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.

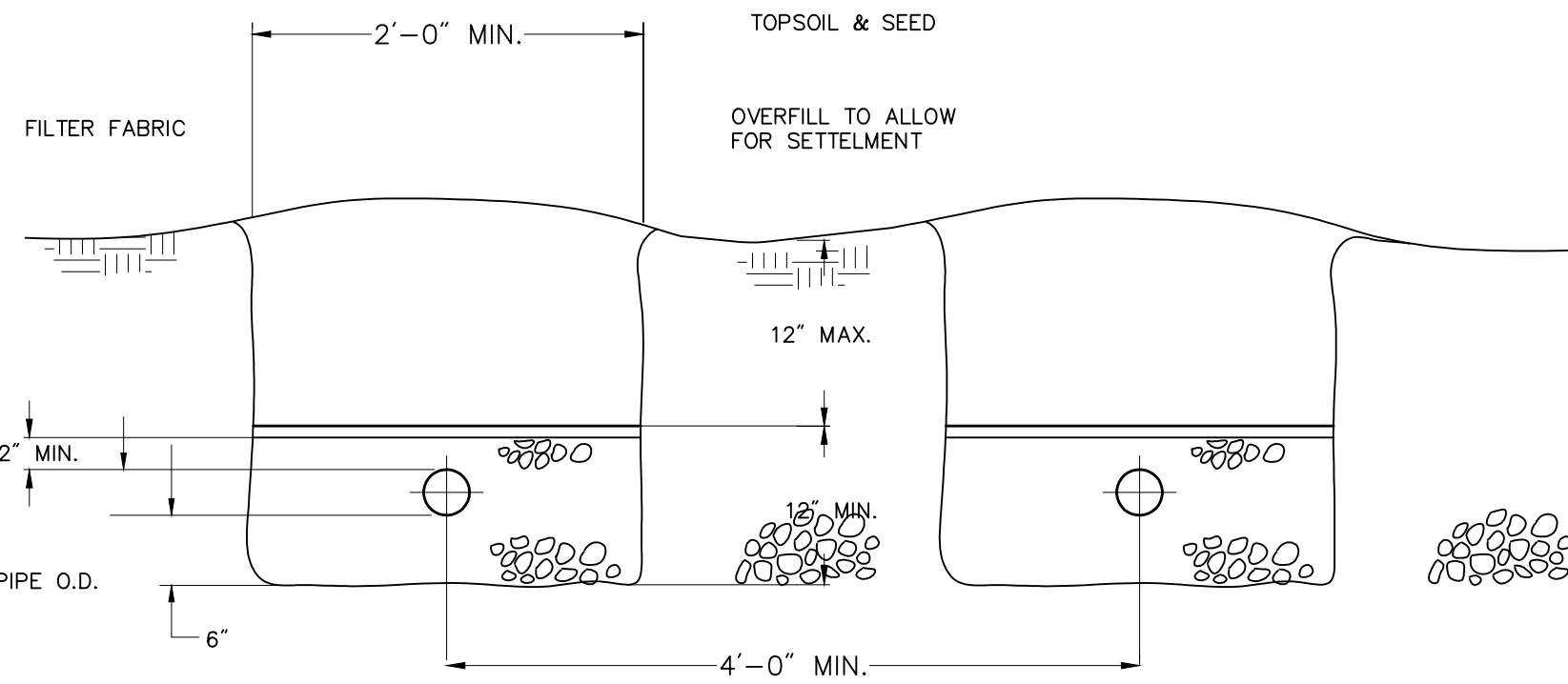
**Distribution Box**  
N.T.S.



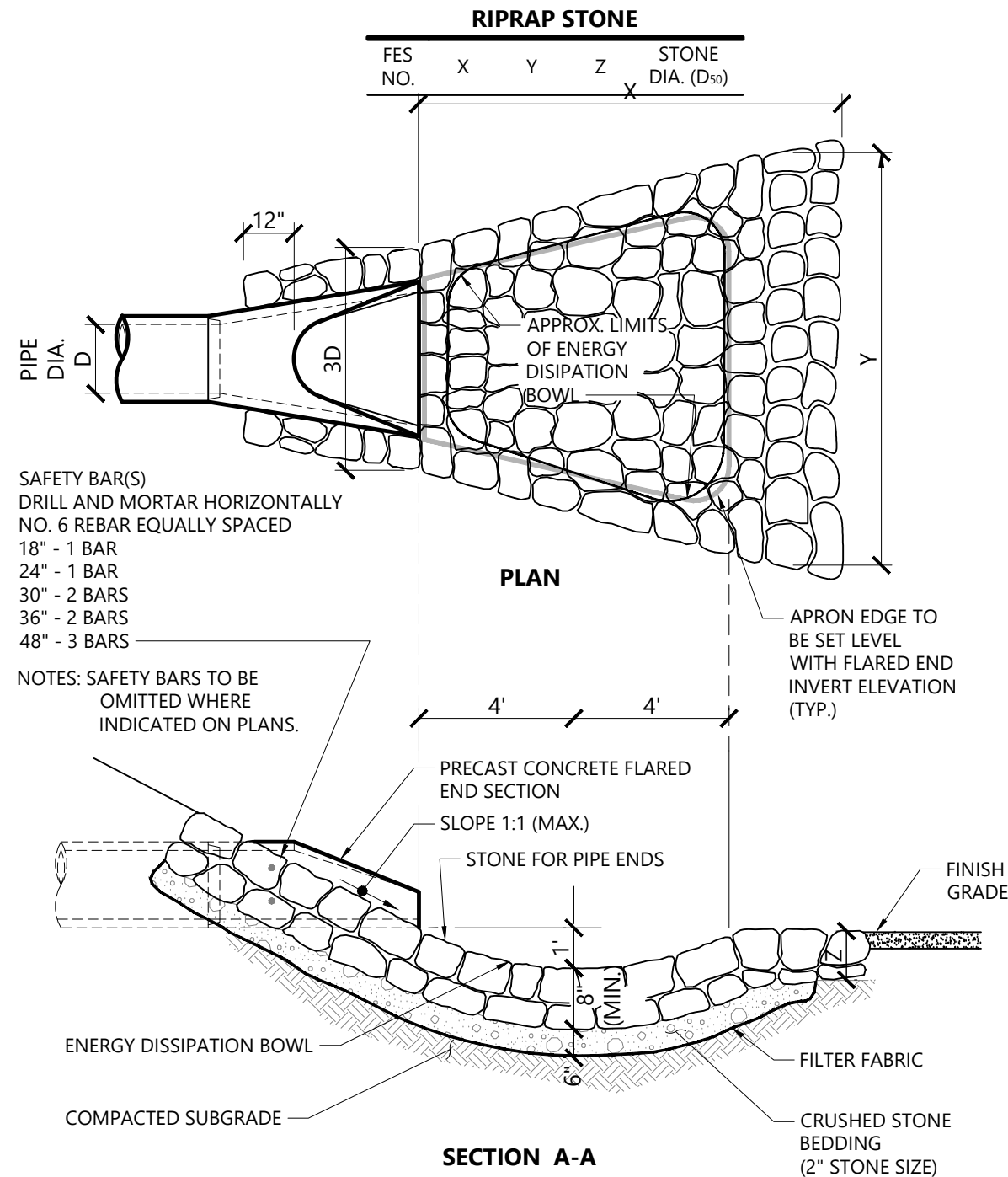
**PROFILE**

**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**

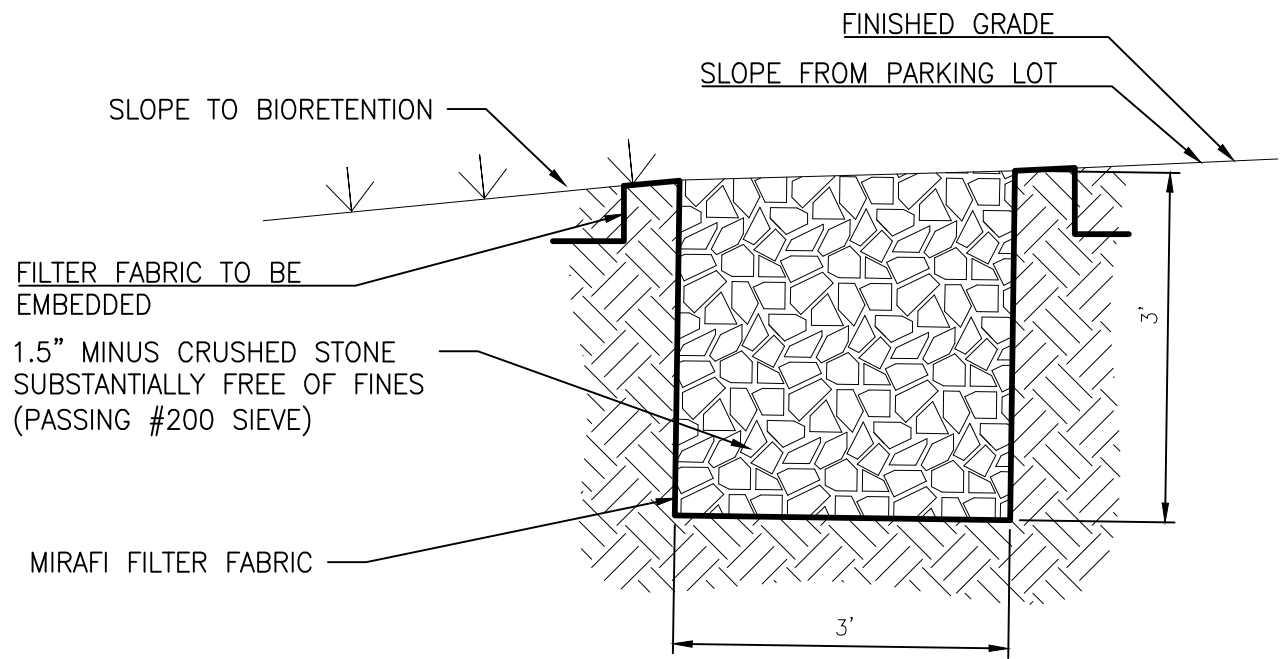
**Project**  
Storm King Art Center  
Site Development

**Seal**

**NOT FOR CONSTRUCTION**  
Drawing Title  
Site Details

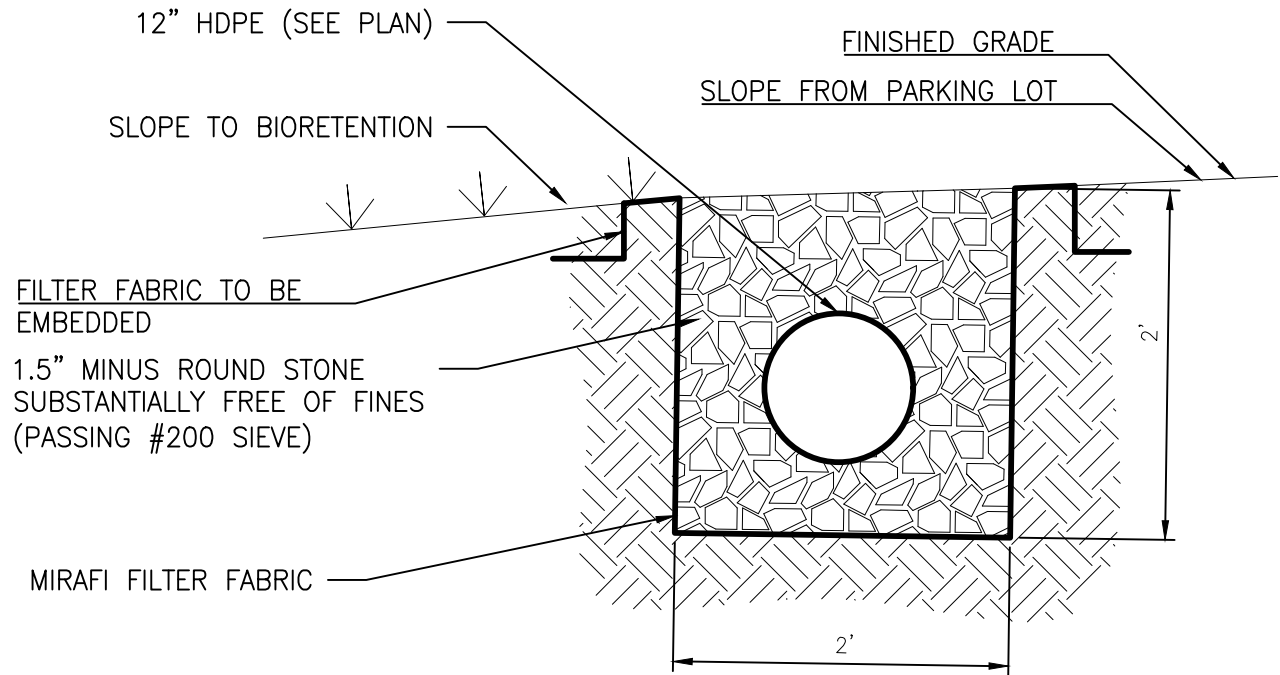
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### GRAVEL DIAPHRAGM

N.T.S.



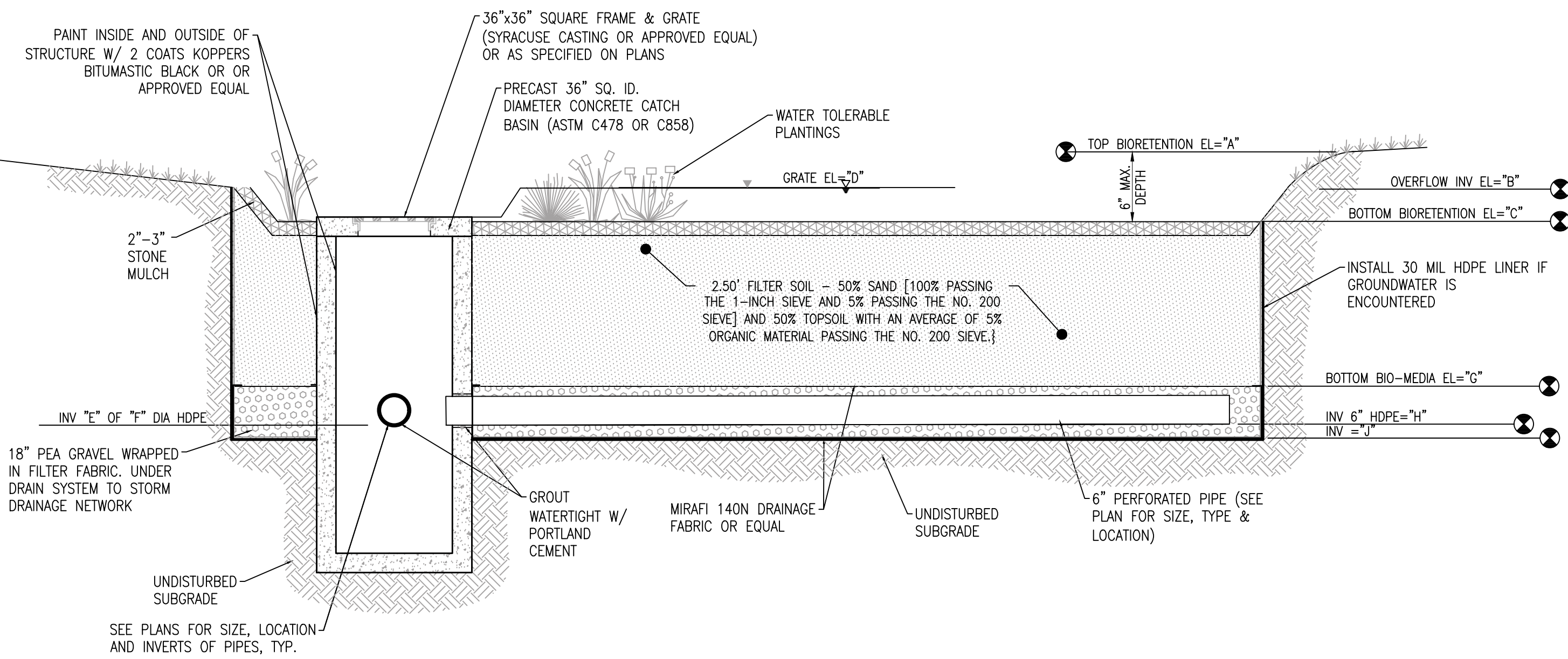
### FRENCH DRAIN

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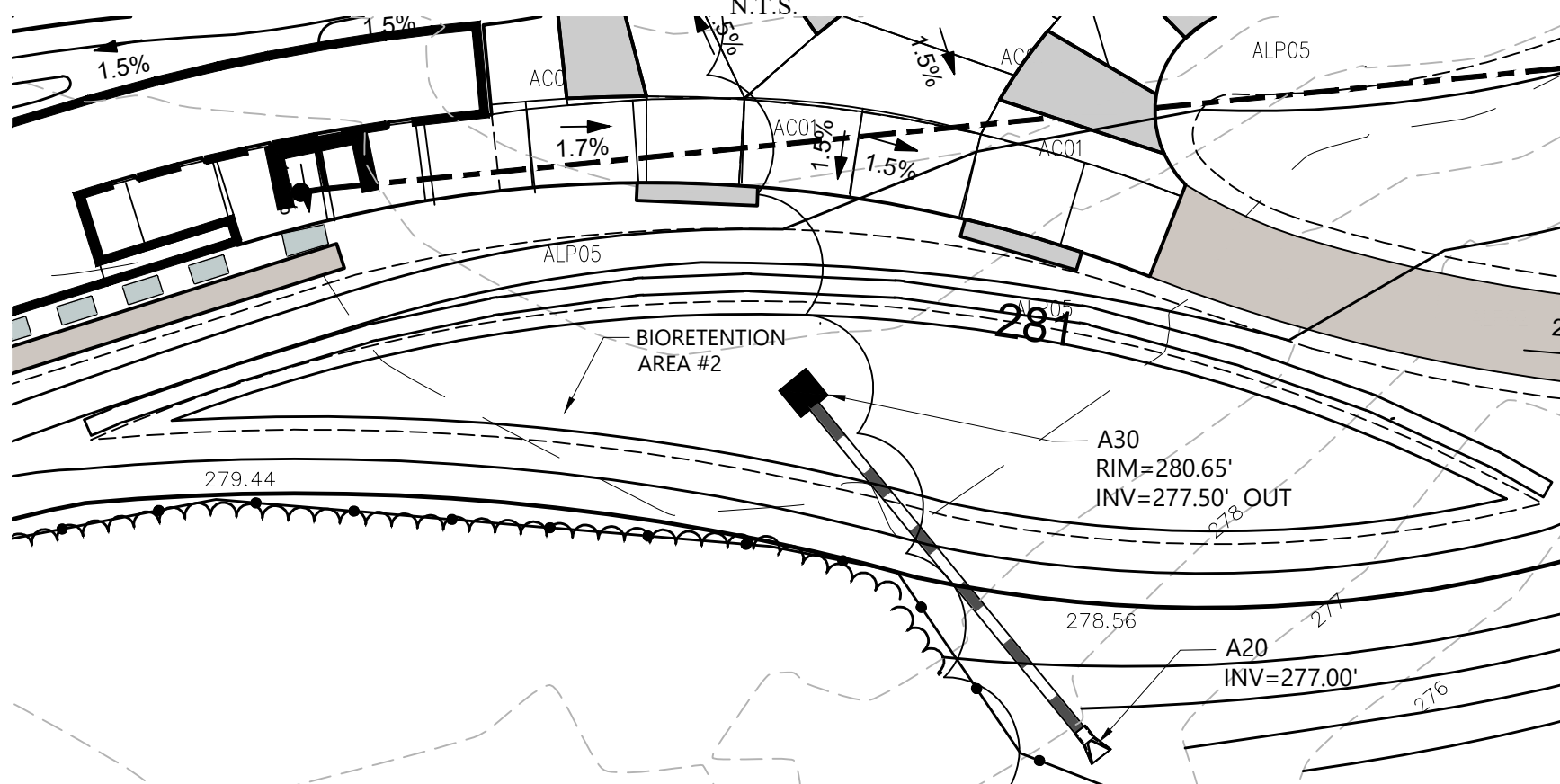
#### NOTES:

- 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 P <sub>2</sub> O <sub>5</sub>	75LB/AC
POTASSIUM K <sub>2</sub> O	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.

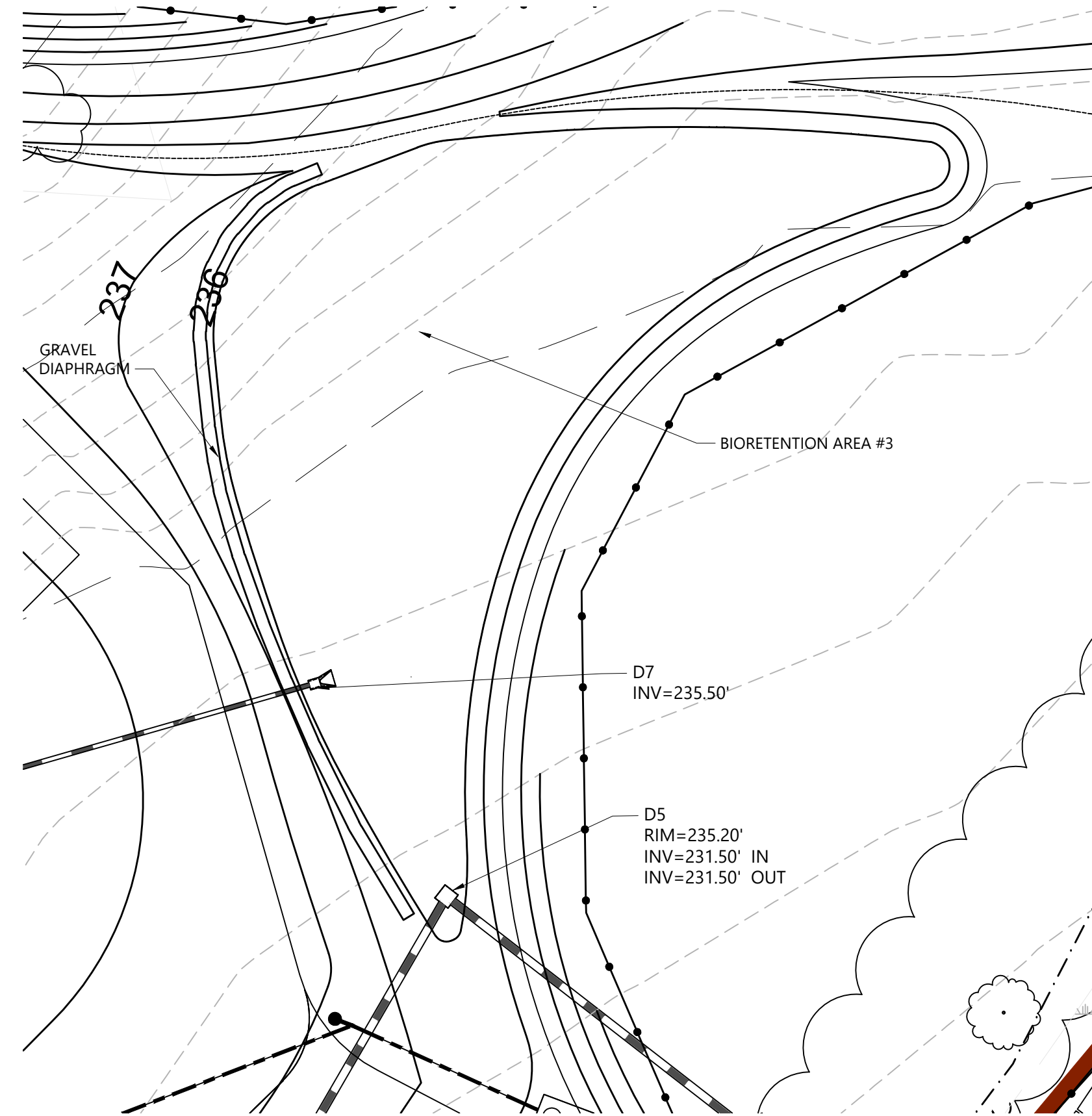


### BIO-RETENTION SECTION



### BIORETENTION BASIN #2

SCALE: 1"=20'



### BIORETENTION BASIN #3

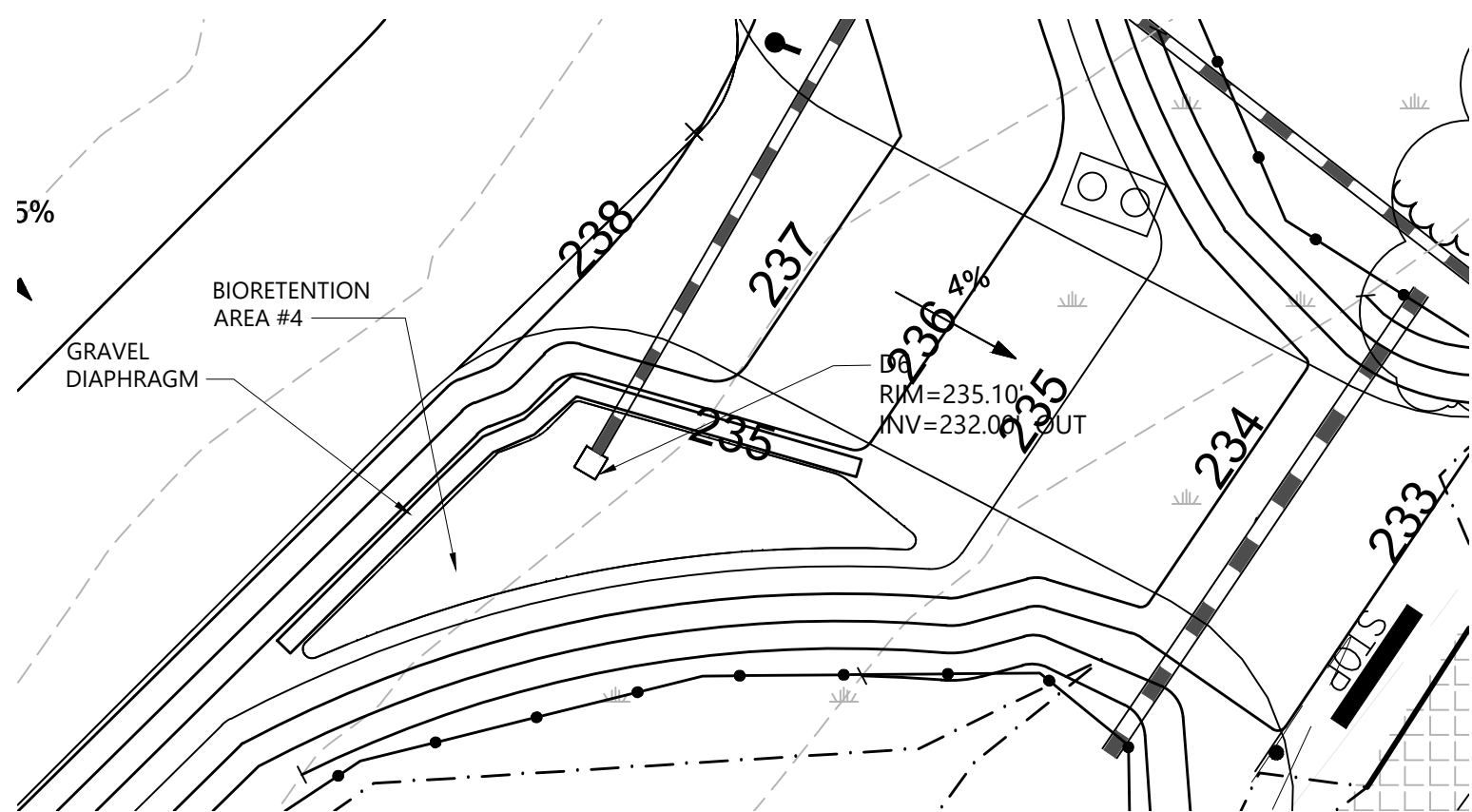
SCALE: 1"=20'

### 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' <sub>c</sub> =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'

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

#### Owner

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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

## Site Details

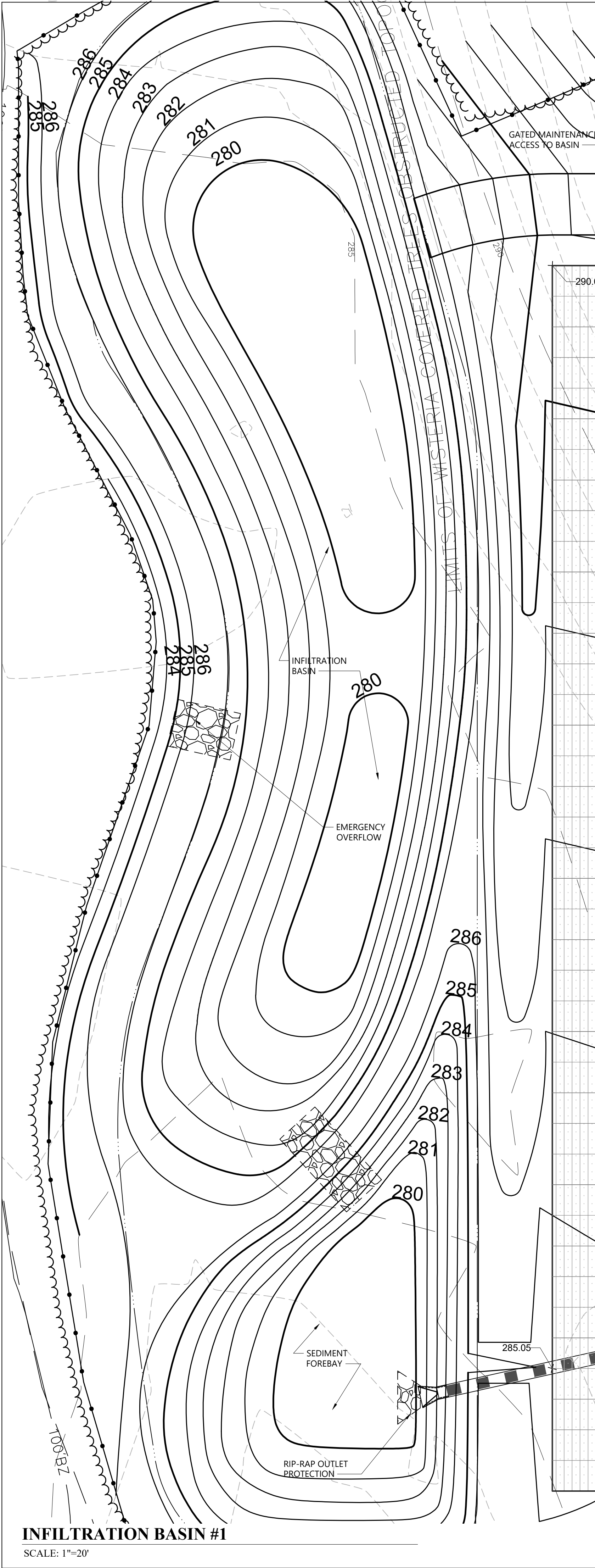
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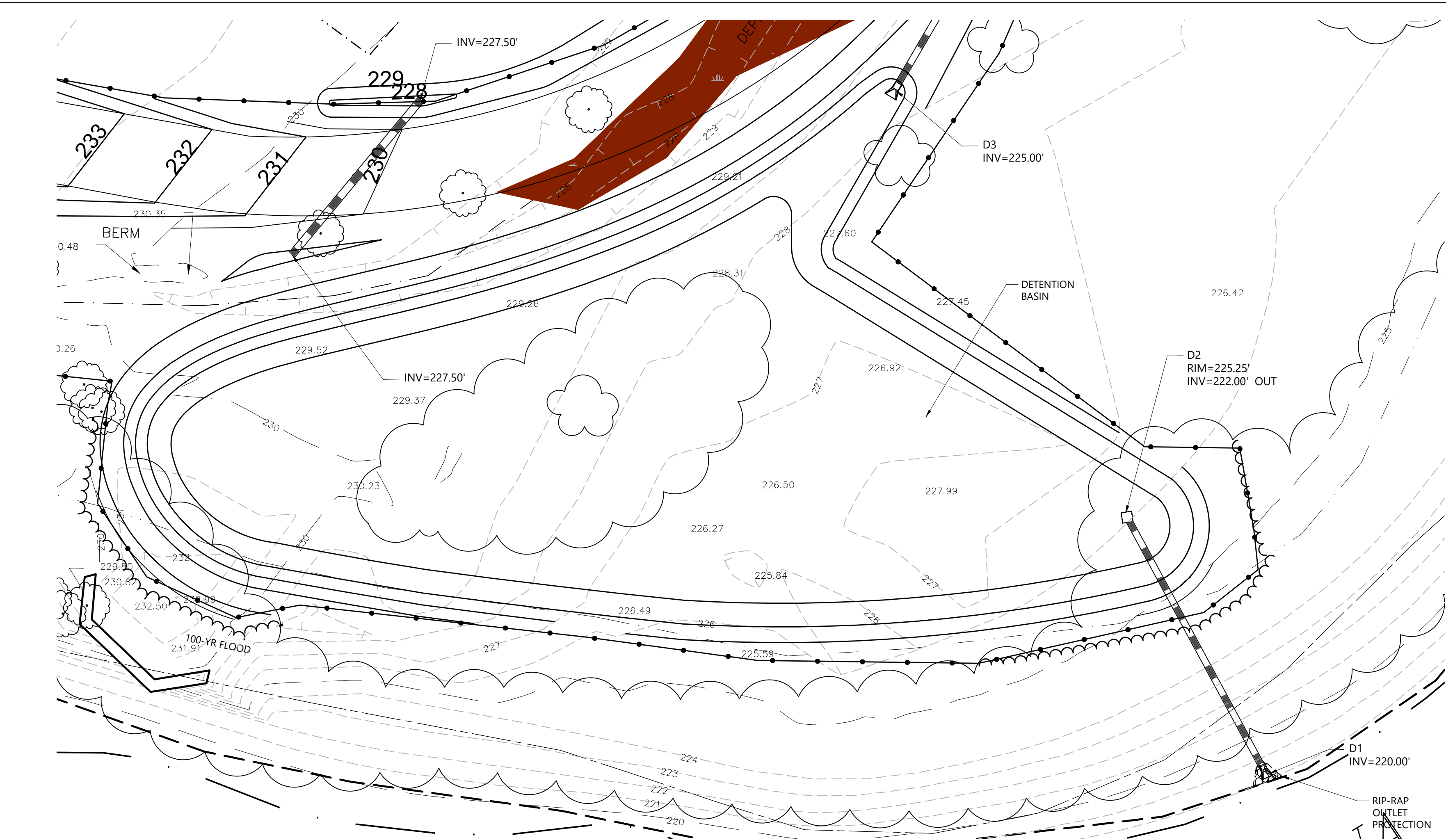
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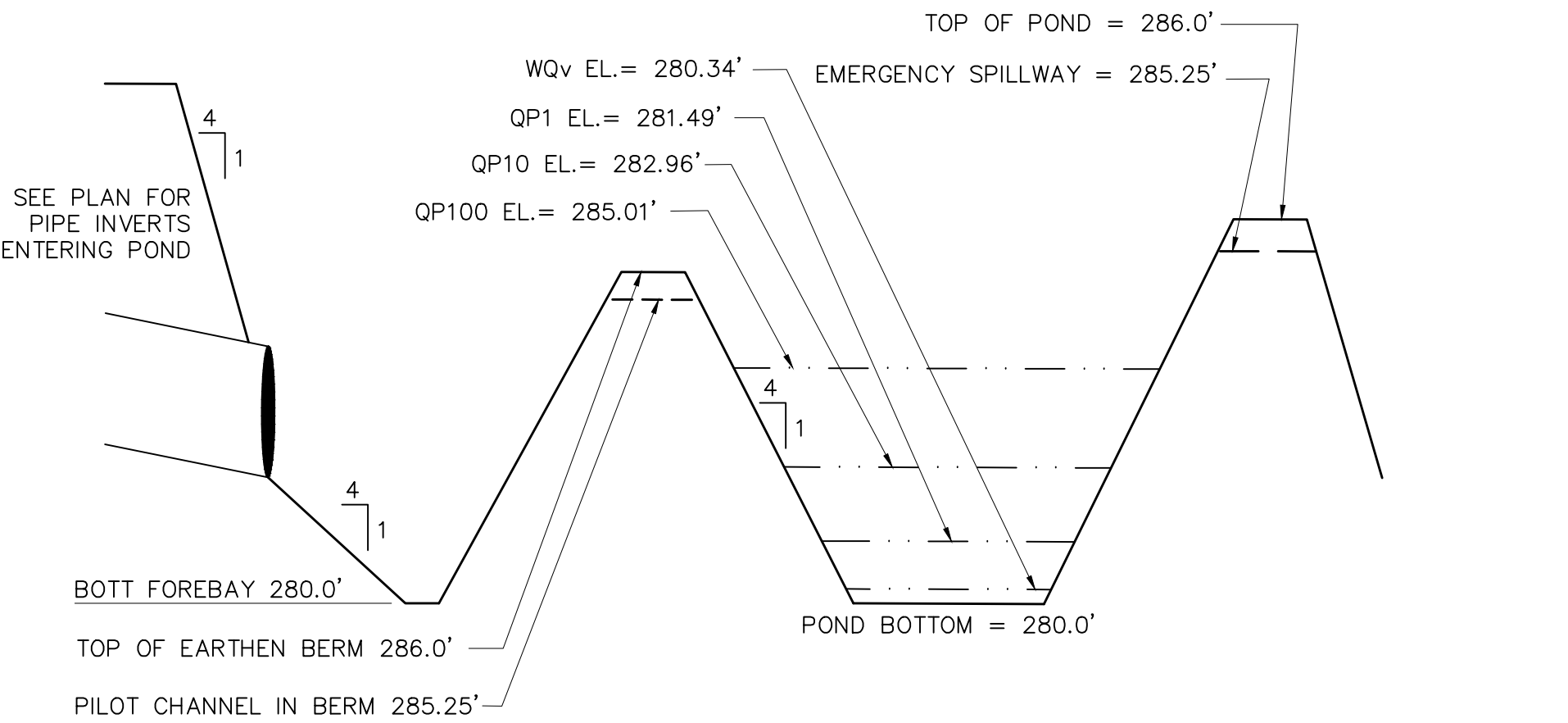




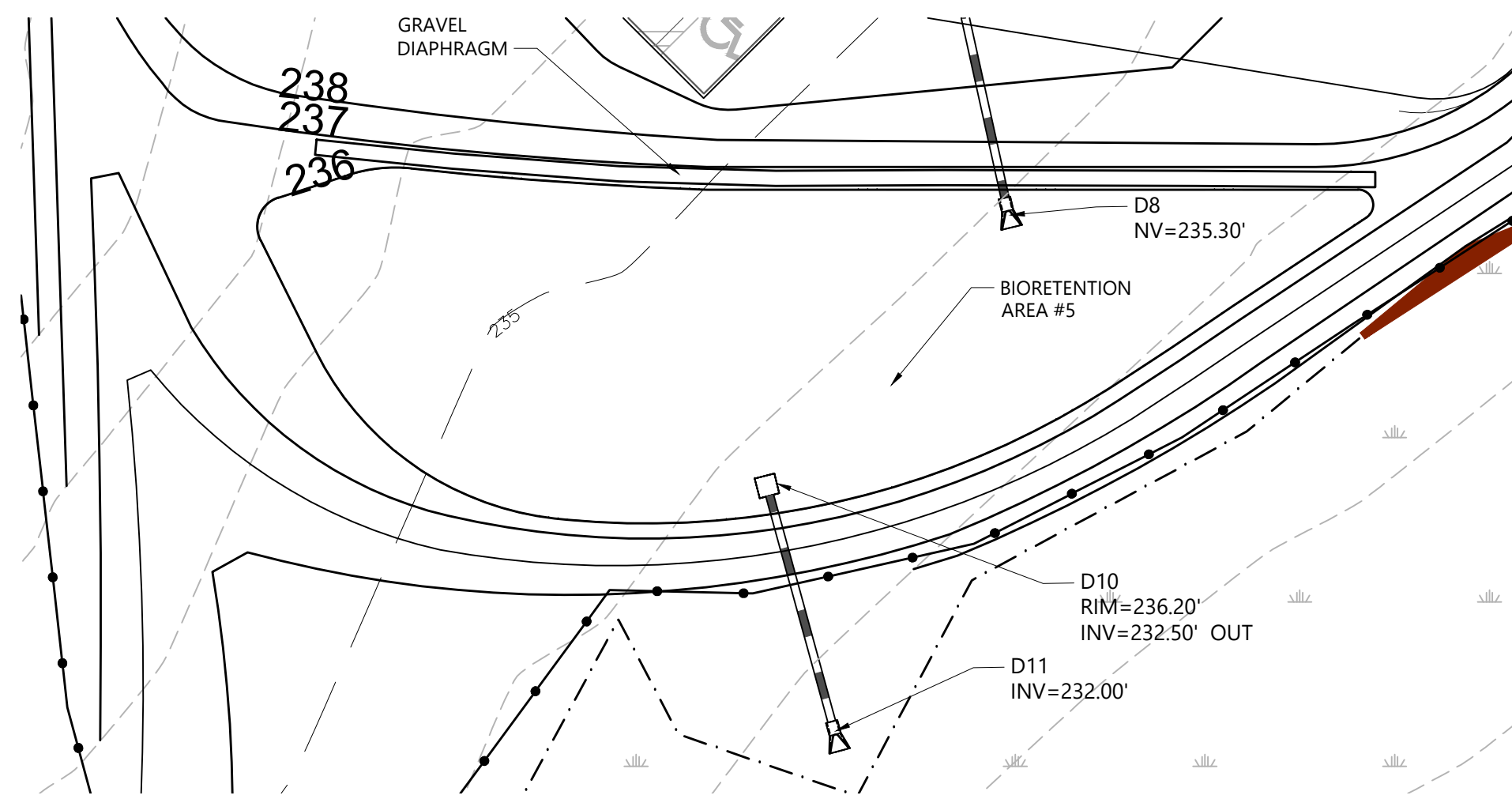
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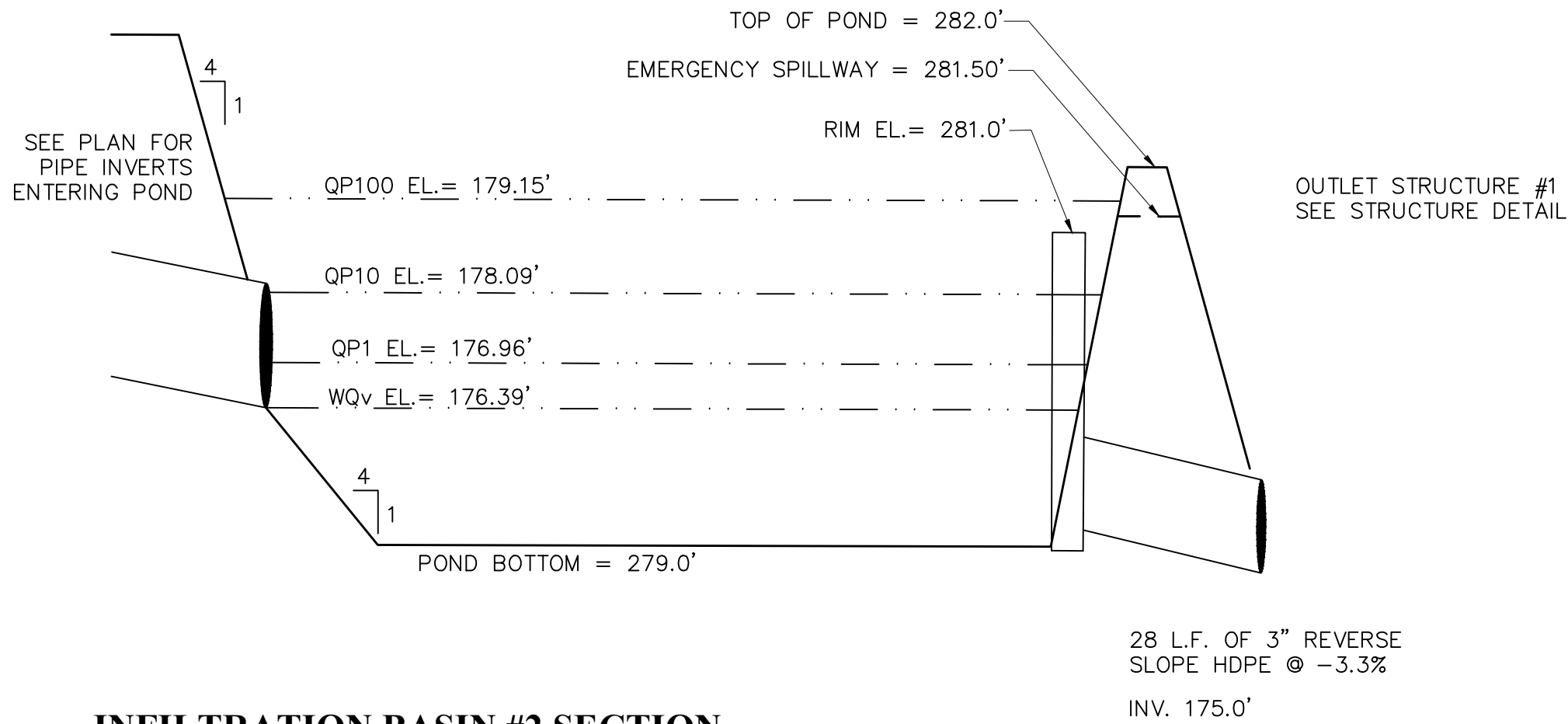
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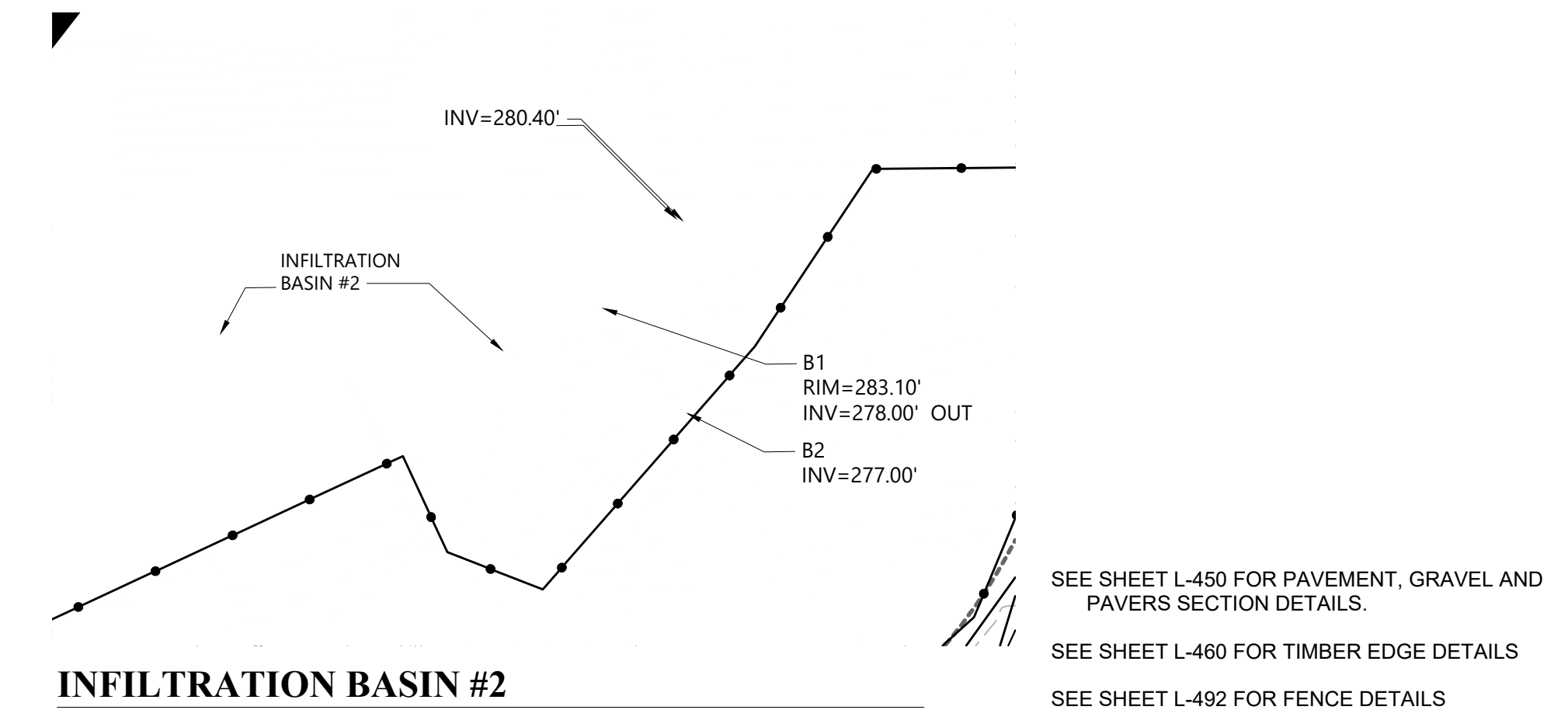
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**BIORETENTION BASIN #5**  
SCALE: 1"=20'



**INFILTRATION BASIN #2 SECTION**  
N.T.S.



**INFILTRATION BASIN #2**  
SCALE: 1"=20'

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**Key Plan**

Description		Date
Filing Set		06/17/22

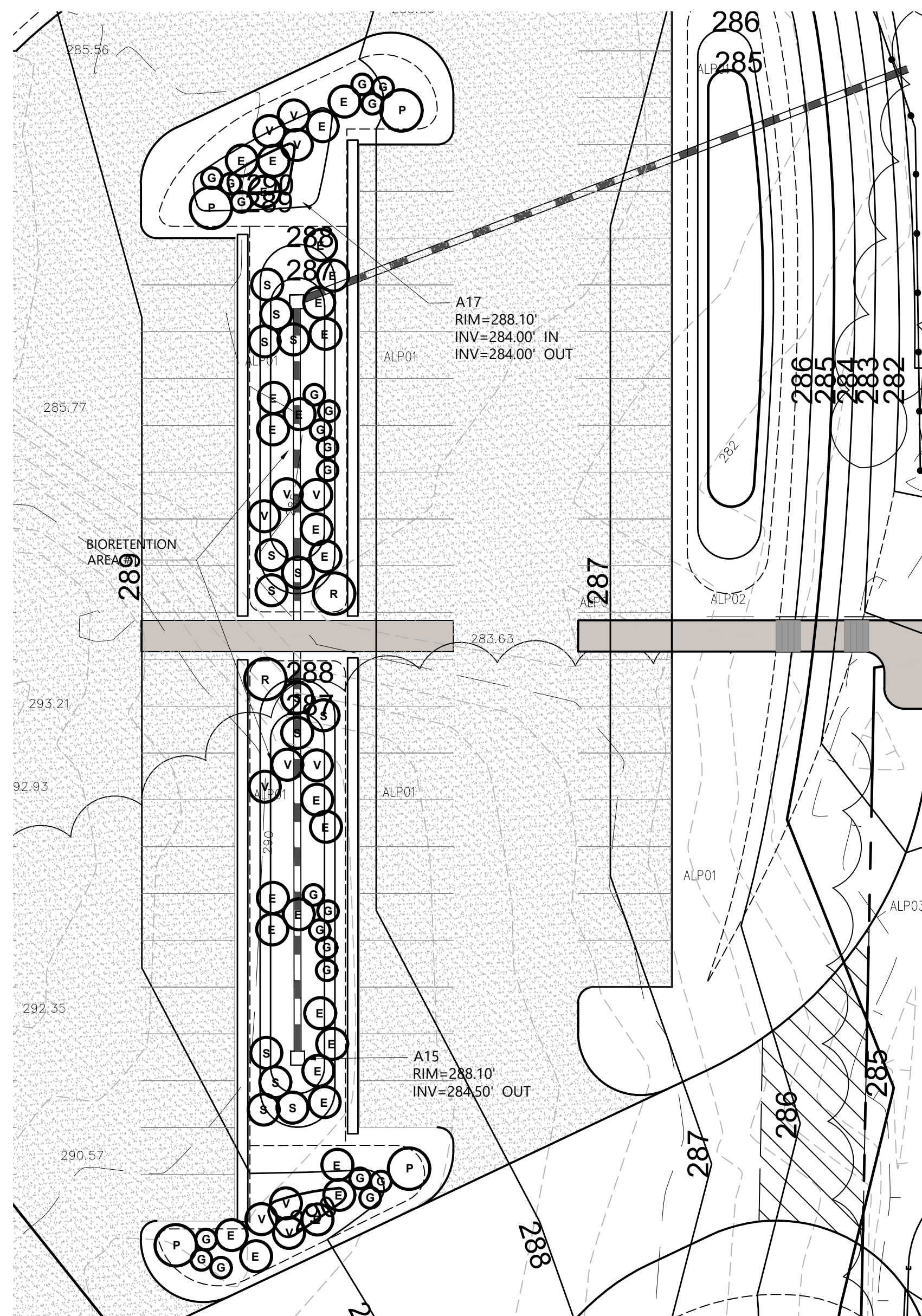
**Project**  
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Site Details

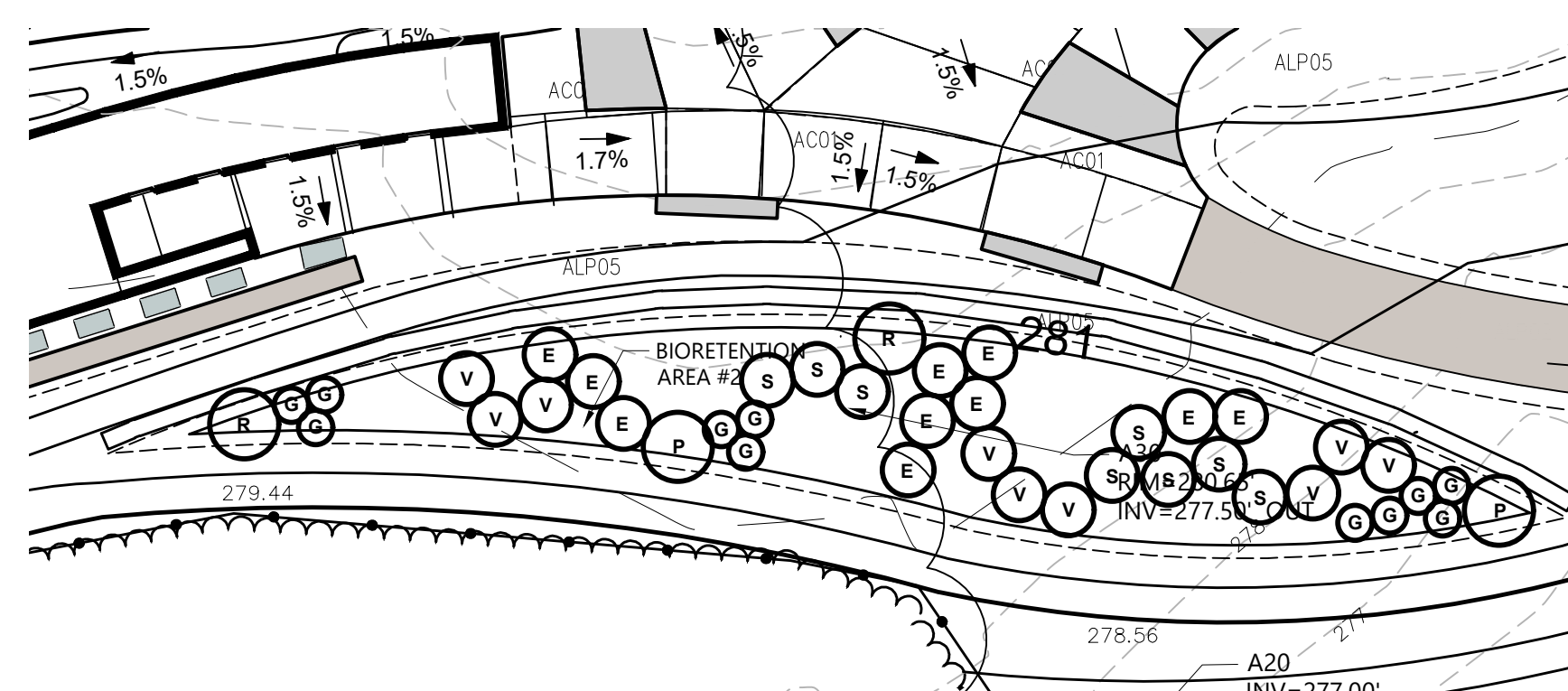
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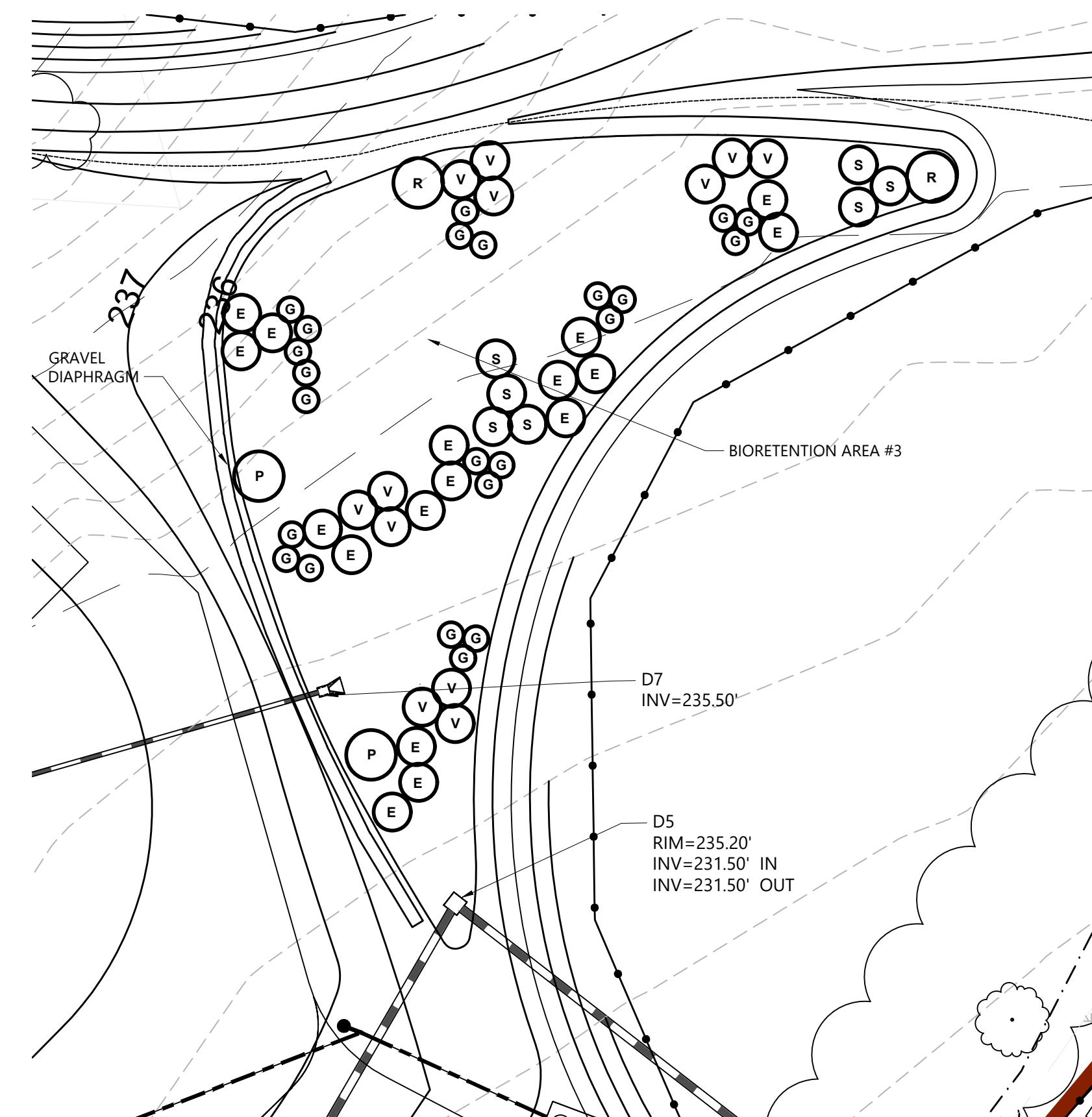
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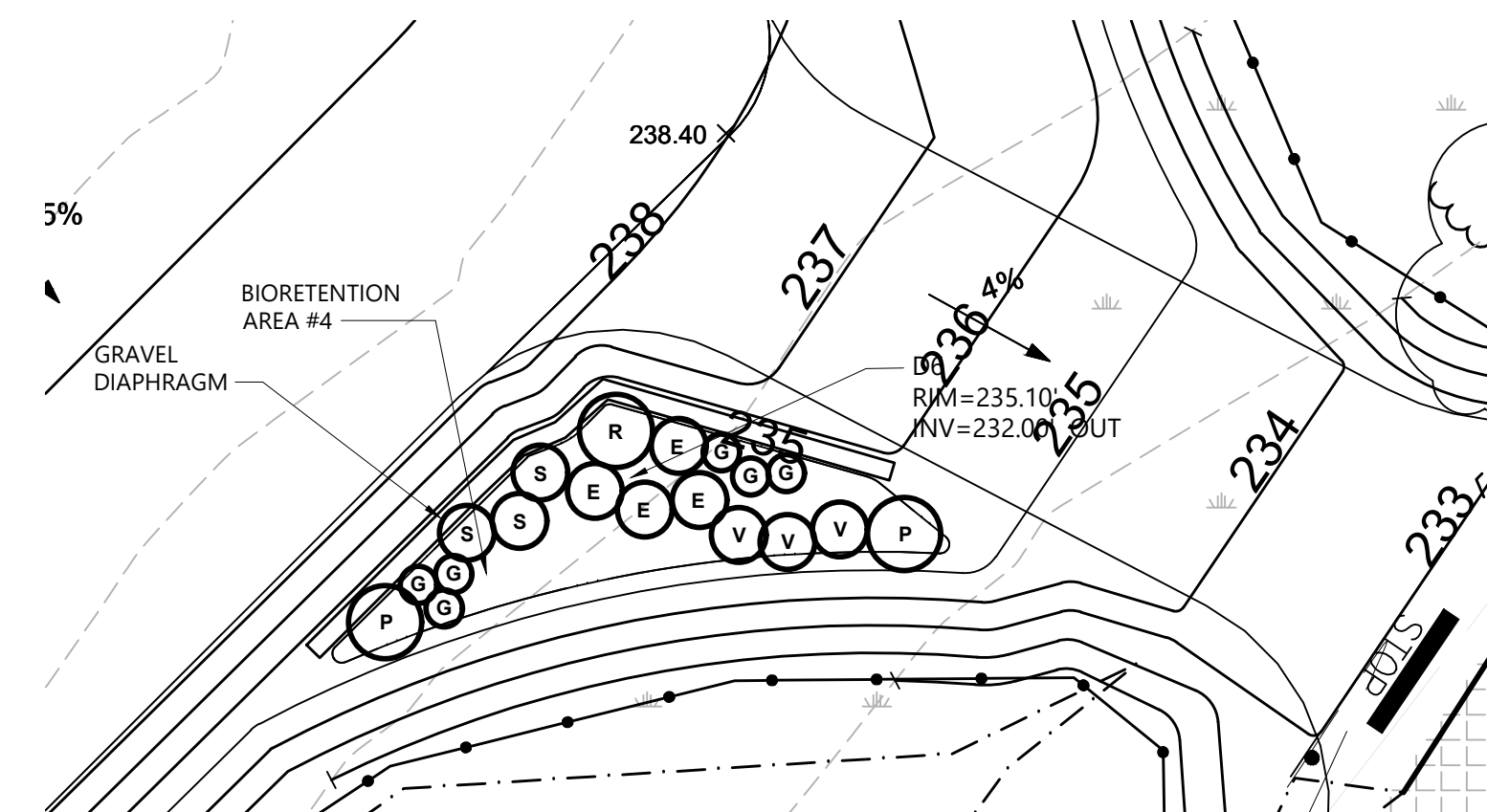
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SCALE: 1"=20'



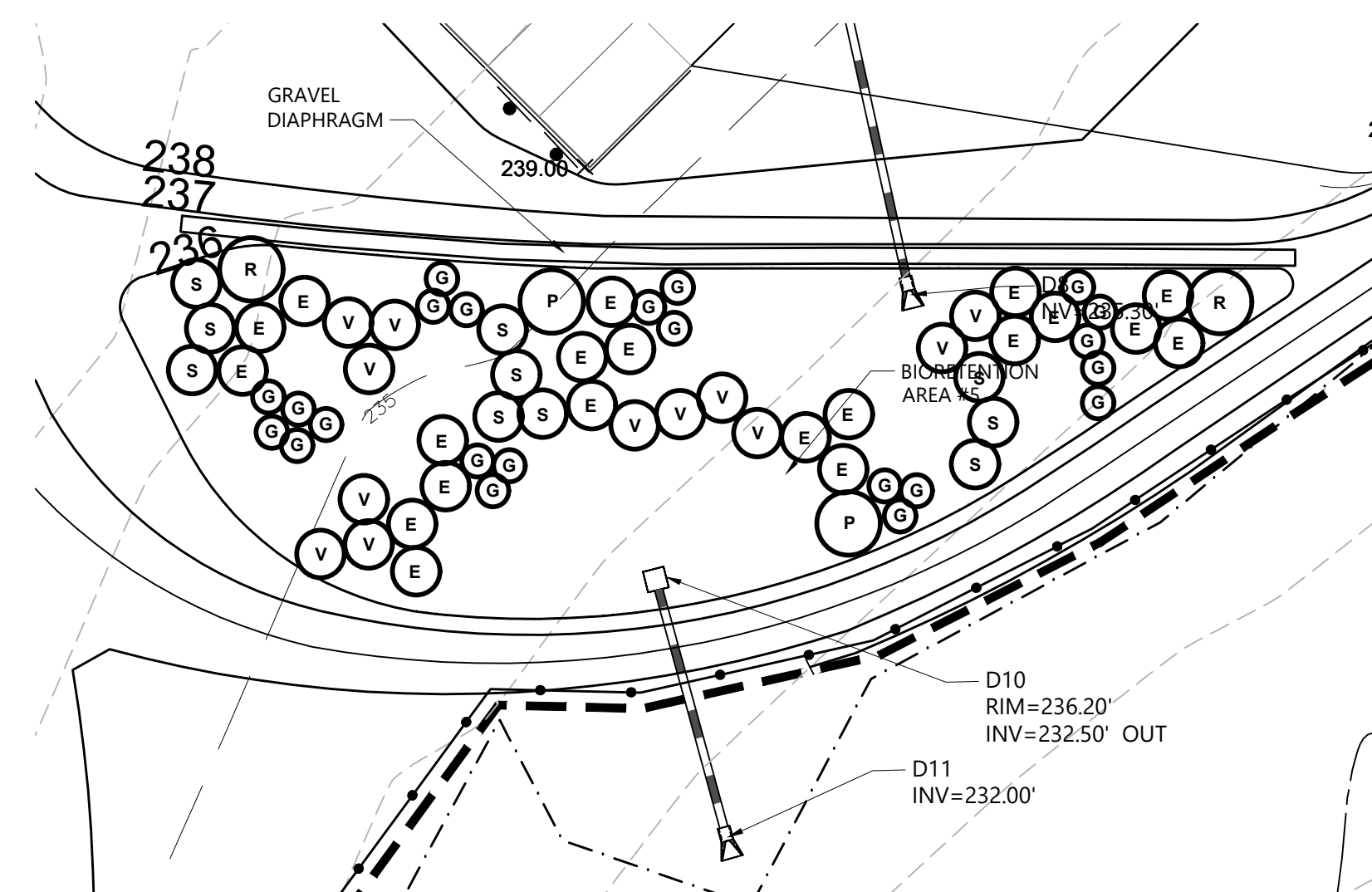
### BIORETENTION BASIN #3

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	EUTROCHUM MACULATUM	SPOTTED JOE PYE WEED	#1 CONT.	24"
G	X	LOBELIA SIPHILITICA	GRREAT BLUE LOBELIA	#1 CONT.	12"
R	X	CORNUS SERICEA	REDOSM DOGWOOD	#1 CONT.	47"
X	X	ILEX VERTICILLATA	COMMON WINTERBERRY	#1 CONT.	4"
V	X	CAREX VULPINOIDEA	FOX SEDGE	#1 CONT.	12"
X	X	ASCLEPIUS INCARNATA	BUTTERFLY MILKWEED	#1 CONT.	24"

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76 Beaver Street, 2nd Floor  
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**Facade**  
Front Inc.  
100 E. Broadway Street, #501  
New York, NY 10002  
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### Key Plan



Description	Filing Set
1. <b>Amended Complaint</b>	1
2. <b>Answer</b>	1
3. <b>Discovery</b>	1
4. <b>Motion</b>	1
5. <b>Settlement</b>	1
6. <b>Final Judgment</b>	1
7. <b>Appeal</b>	1
8. <b>Reversal</b>	1
9. <b>Remand</b>	1
10. <b>Final Disposition</b>	1

Date  
06/17/22

## Project

# Storm King Art Center Site Development

Seal

**NOT FOR CONSTRUCTION**

**Drawing Title**

## Site Details

Date 06/17/22

Scale	N/A
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## Drawing

C-606

Sheet Size ARCH D