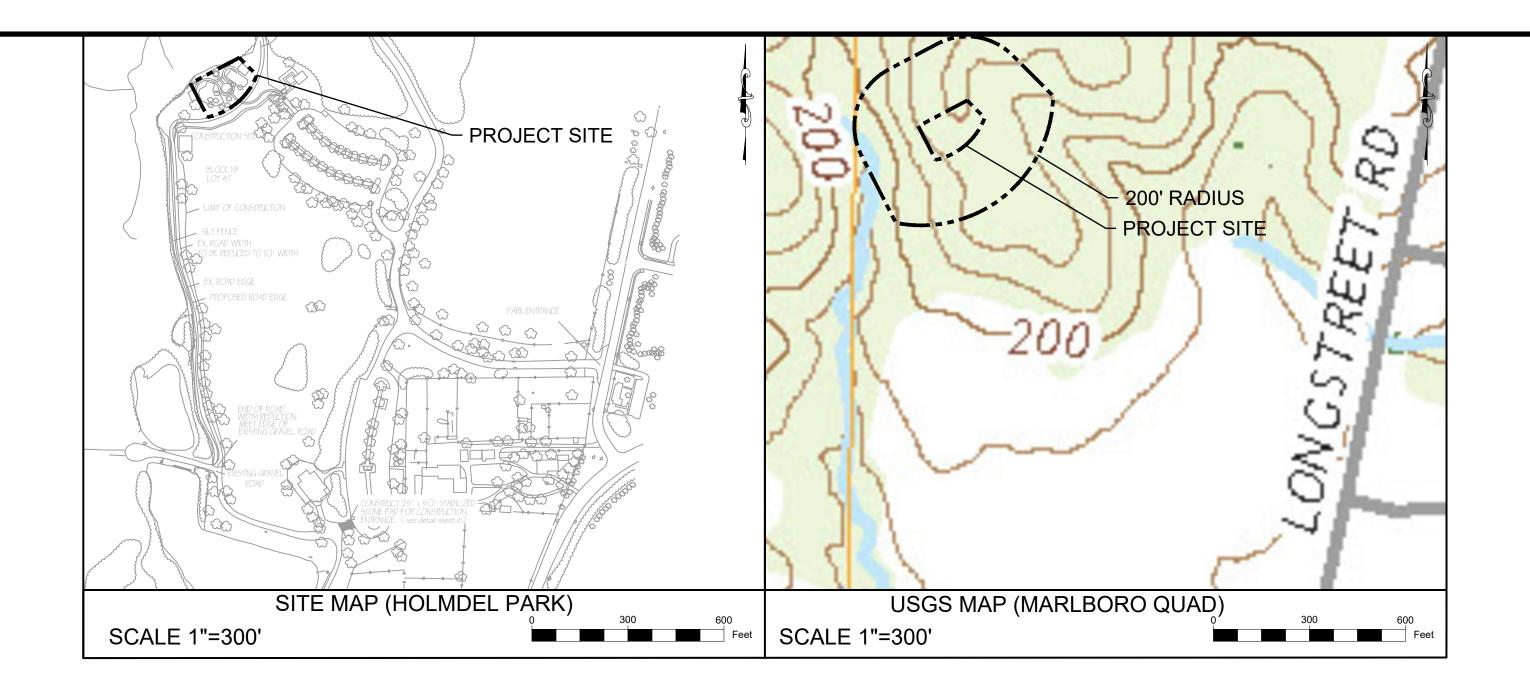
- MONMOUTH COUNTY PARK SYSTEM 805 NEWMAN SPRING ROAD LINCROFT, NEW JERSEY 07738 PHONE: 732-842-4000
- TOPOGRAPHIC INFORMATION SHOWN HEREON WAS TAKEN FROM A PLAN ENTITLED "PARTIAL TOPOGRAPHIC SURVEY FOR HOLMDEL PARK, LONGSTREET FARM, BLOCK 19 LOT 47," PREPARED BY ENGINEERING & LAND PLANNING ASSOCIATES INC., DATED SEPTEMBER 30, 2022 OR LAST REVISED.
- THESE PLANS ARE NOT TO BE USED AS SURVEYS. REFER TO REFERENCE SOURCES FOR BOUNDARY AND TOPOGRAPHIC INFORMATION (NOTE # 2 ABOVE).
- ALL ELEVATIONS GIVEN ARE ON USGS DATUM.
- THE SUBJECT PARCEL, BLOCK 19 LOT 47, CONSISTS OF 5,810,468 S.F. (133.39 ACRES).
- NO DEED RESTRICTIONS OR COVENANTS ARE PROPOSED FOR THE SITE.
- THE CONTRACTOR SHALL CONFINE ALL CONSTRUCTION ACTIVITIES TO WITHIN THE LIMIT OF WORK
- THE CONTRACTOR SHALL OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY LOCAL, COUNTY OR STATE JURISDICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPLICATION, PAYMENT AND APPROVAL OF SAID PERMITS. NO ADDITIONAL PAYMENT SHALL BE MADE BY THE OWNER.
- THE CONTRACTOR SHALL NOTIFY THE MONMOUTH COUNTY PARK SYSTEM OFFICE 72 HOURS PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES, INCLUDING THE COUNTY SOIL CONSERVATION DISTRICT PRIOR TO THE START OF CONSTRUCTION AND AS NECESSARY THROUGH PROJECT COMPLETION.
- THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS BEFORE BEGINNING CONSTRUCTION.
- CONSTRUCTION STAKING WILL BE PROVIDED BY THE CONTRACTOR. TWO COPIES OF STAKING NOTES TO BE PROVIDED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- THESE DRAWINGS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE "ON THE OWNER AND ALL OTHER PERSONS HAVING AUTHORIZED OR CONTRACTOR SHALL PERFORM HIS WORK IN A SAFE MANNER AND IN COMPLIANCE WITH ALL APPLICABLE LOCAL STATE AND FEDERAL REGULATIONS INCLUDING OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION) AND 652, NO. 172.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER OF ALL DEVIATIONS OF SITE CONDITIONS AND/OR IF DEPARTURES FROM THE APPROVED DESIGN BECOME NECESSARY DUE TO SUCH DEVIATIONS.
- 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LINES, ELEVATIONS, AND MEASUREMENTS, EXERCISING PRECAUTION TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER SHOULD DEPARTURES FROM THE APPROVED DESIGN BECOME NECESSARY DUE TO CIRCUMSTANCES WHICH ARISE DURING CONSTRUCTION.
- ITEMS NOT SPECIFIED BUT NECESSARY FOR PROPER CONSTRUCTION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR THE SAME AS IF SPECIFIED.
- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE IN PLACE AND FUNCTIONING PRIOR TO ANY OTHER DISTURBANCE ON THE SITE.

FHA PERMIT-BY-RULE 10 NOTES

- GENERAL CONSTRUCTION ACTIVITIES LOCATED OUTSIDE A FLOOD HAZARD AREA IN A RIPARIAN ZONE
- APPLICANT COMPLIES WITH FLOOD HAZARD AREA PERMIT BY RULE N.J.A.C. 7:13-7.10 PERMIT-BY-RULE 10, WHICH AUTHORIZES GENERAL CONSTRUCTION ACTIVITIES LOCATED OUTSIDE A FLOOD HAZARD AREA IN A RIPARIAN ZONE, PROVIDED:
- 2.1. NO FUEL TANK, SOLAR PANEL, OR UNDERGROUND UTILITY LINE THAT CONVEYS A GAS OR LIQUID WILL BE CONSTRUCTED;
- NO DISTURBANCE IS LOCATED WITHIN 25 FEET OF ANY TOP OF BANK, UNLESS THE PROJECT LIES ADJACENT TO A LAWFULLY EXISTING BULKHEAD, RETAINING WALL, OR REVETMENT ALONG A TIDAL WATER OF IMPOUNDED FLUVIAL WATER;
- 2.3. ALL CLEARING, CUTTING, AND/OR REMOVAL OF RIPARIAN ZONE VEGETATION IS LIMITED TO ACTIVELY DISTURBED AREAS; AND
- THE PROJECT, IN COMBINATION WITH ALL ACTIVITIES ONSITE SINCE NOVEMBER 5, 2007, WILL NOT RESULT IN A NET LOSS OF GREATER THAN ONE-QUARTER ACRE OF RIPARIAN ZONE VEGETATION.



100% BID DOCUMENTS FOREST EDGE PLAYGROUND AT HOLMDEL PARK

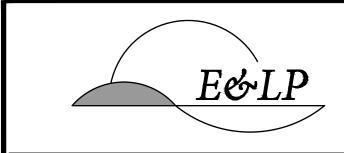
44 LONGSTREET RD HOLMDEL TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY PREPARED BY

ENGINEERING & LAND PLANNING ASSOCIATES, INC.

140 WEST MAIN STREET, HIGH BRIDGE, NEW JERSEY 08829

PLAN INDEX			
SHEET NO.	TITLE		
C-001	COVER SHEET		
C-100	EXISTING CONDITIONS		
C-200	TREE PROTECTION PLAN		
C-210	DEMOLITION PLAN		
C-300	SITE AND MATERIALS PLAN		
C-310	LAYOUT PLAN		
C-311	PLAYGROUND SURFACING PATTERN PLAN		
C-400	GRADING AND DRAINAGE PLAN		
C-500	PLANTING PLAN		
C-600	SOIL EROSION AND SEDIMENT CONTROL PLAN		
C-610	SOIL EROSION AND SEDIMENT CONTROL NOTES & DETAILS		
C-611	SOIL EROSION AND SEDIMENT CONTROL NOTES & DETAILS		
C-700	CONSTRUCTION DETAILS		
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C-703	CONSTRUCTION DETAILS		
C-704	PLANTING DETAILS		
C-710	PLAYGROUND DETAILS		
C-711	PLAYGROUND DETAILS		
C-712	PLAYGROUND DETAILS		

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140 WEST MAIN STREET HIGH BRIDGE, NJ 08829 PH. 908-238-0544 FAX. 908-238-9572

A PROFESSIONAL ASSOCIATION

CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2024 7 100% BID DOCUMENTS MMS 05/18/23

6	REVISED PER SCD COMMENTS	SBP	04/10/23
5	SCD SUBMISSION	JFM	02/23/23
4	95% CD	MMS	02/08/23
3	50% CD	MMS	12/16/22
2	100% DESIGN DEVELOPMENT	MMS	11/18/22
1	50% DESIGN DEVELOPMENT	MMS	10/25/22
NO.	REVISION	BY	DATE

05/18/23 DATE

EDWARD CONFAIR PROFESSIONAL ENGINEER NO. 24GE05187900

DRAWING NO.:

C-001

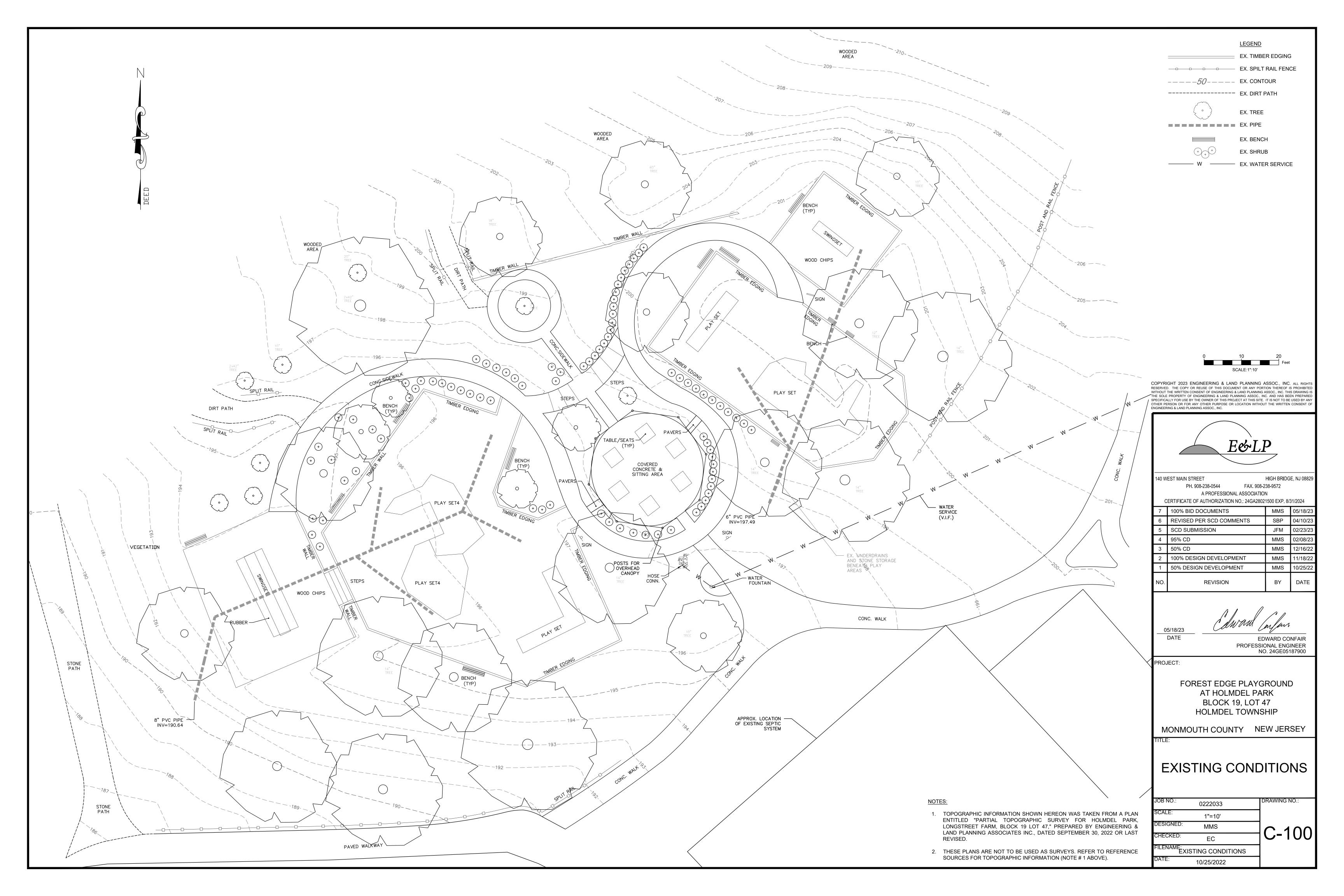
PROJECT:

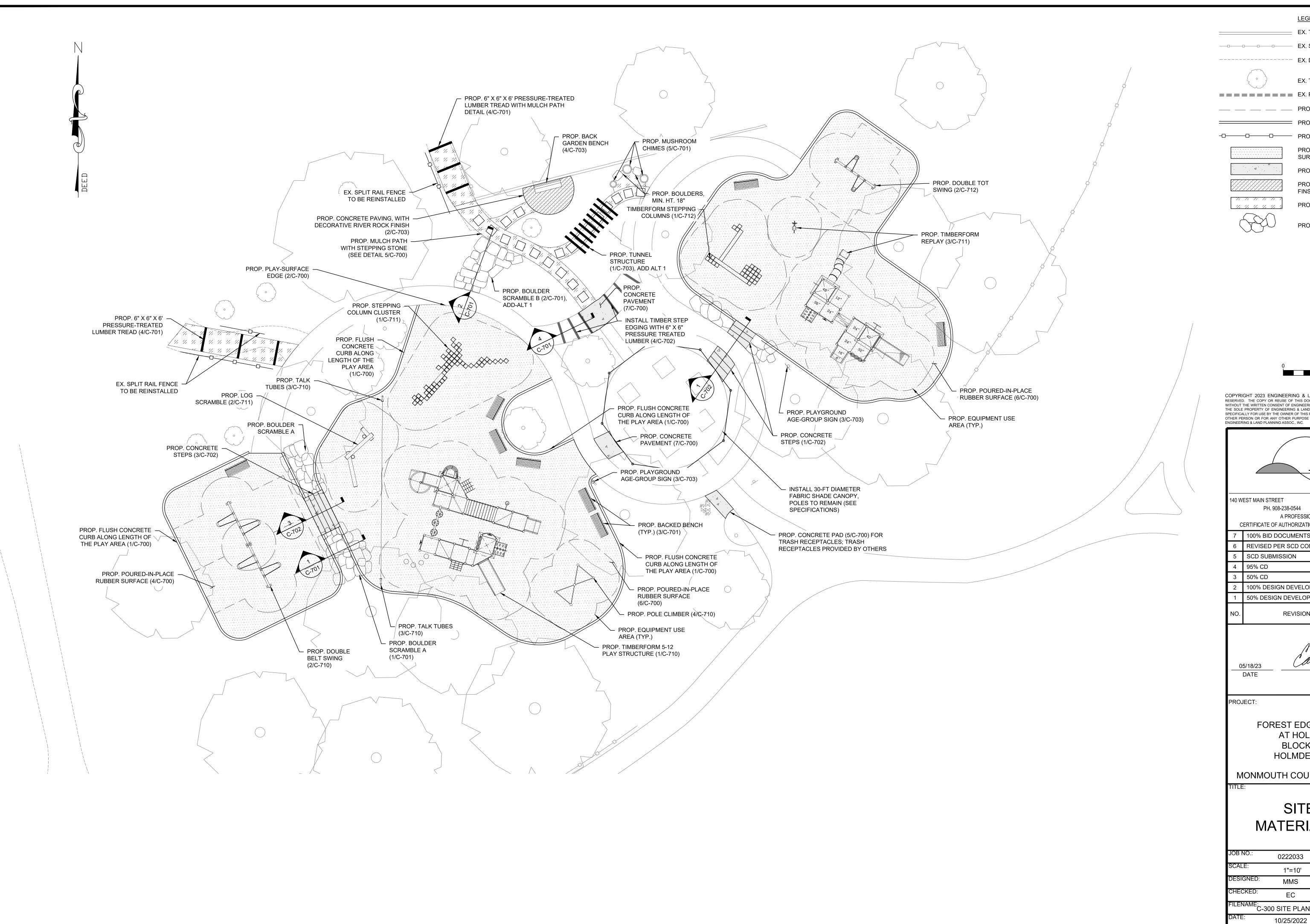
FOREST EDGE PLAYGROUND AT HOLMDEL PARK BLOCK 19, LOT 47 HOLMDEL TOWNSHIP

MONMOUTH COUNTY NEW JERSEY

COVER SHEET

JOB NO.:	0222033
SCALE:	N.T.S.
DESIGNE	D: MMS
CHECKED	EC EC
FILENAME	E: C-001 COVER.DWG
DATE:	10/25/2022

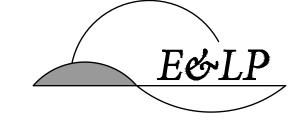




<u>LEGEND</u> EX. TIMBER EDGING EX. SPILT RAIL FENCE EX. DIRT PATH EX. TREE **EX. PIPE** ____ PROP. PLAY EQUIPMENT USE AREA PROP. FLUSH CONCRETE CURB PROP. POURED-IN-PLACE PLAY SURFACING PROP. CONCRETE PAVEMENT PROP. DECORATIVE EXPOSED CONC PROP. MULCH PATH PROP. BOULDERS



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A PROFESSIONAL ASSOCIATION CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2024

7 100% BID DOCUMENTS MMS 05/18/23 6 REVISED PER SCD COMMENTS SBP 04/10/23 5 SCD SUBMISSION JFM 02/23/23 MMS 02/08/23 MMS 12/16/22

MMS 11/18/22 2 100% DESIGN DEVELOPMENT MMS 10/25/22 1 50% DESIGN DEVELOPMENT BY DATE REVISION

EDWARD CONFAIR

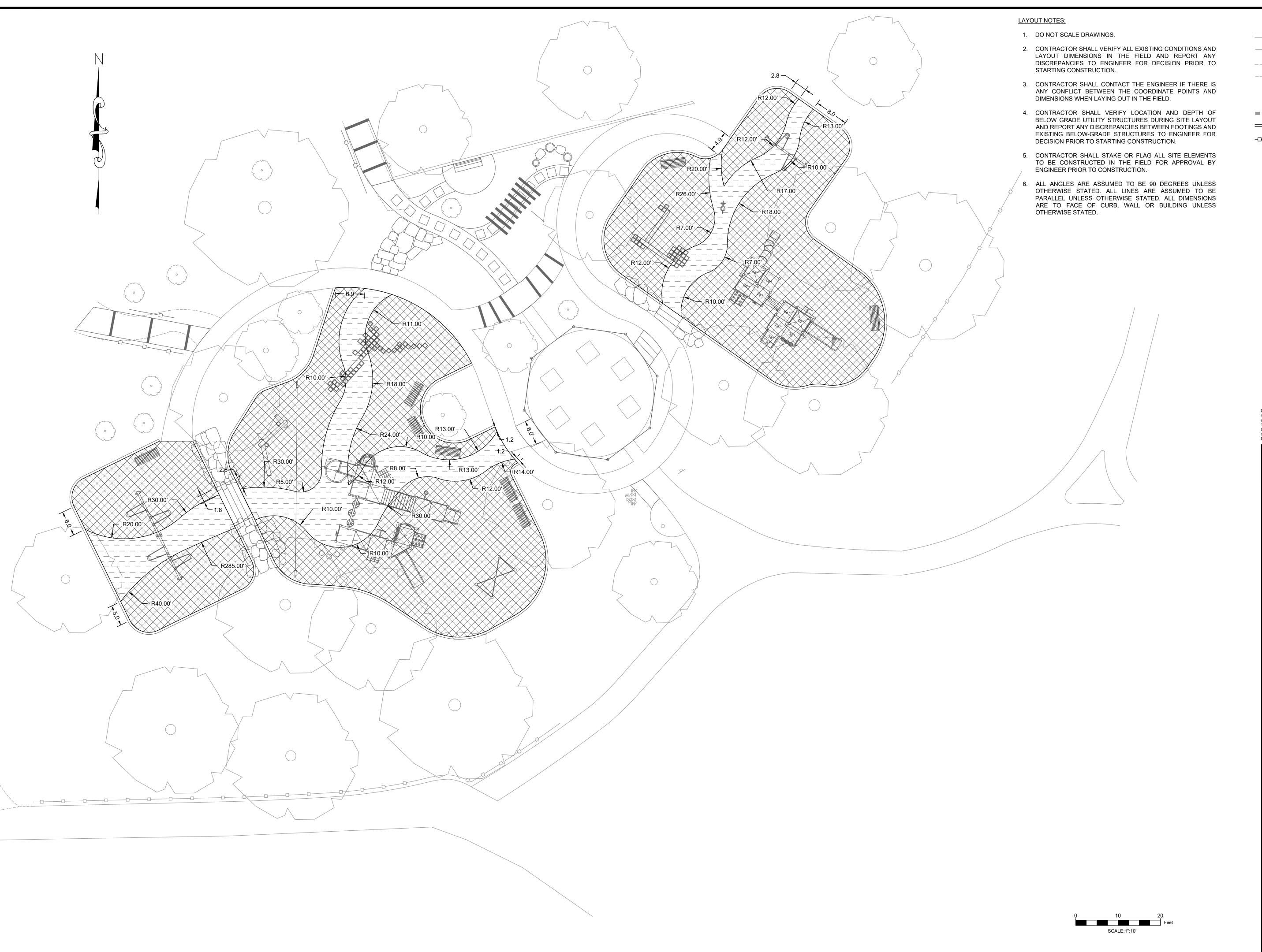
PROFESSIONAL ENGINEER NO. 24GE05187900

FOREST EDGE PLAYGROUND AT HOLMDEL PARK BLOCK 19, LOT 47 HOLMDEL TOWNSHIP

MONMOUTH COUNTY NEW JERSEY

SITE AND MATERIALS PLAN

JOB NO.:	0222033	DRAWING NO.:
SCALE:	1"=10'	
DESIGNED:	MMS	\Box
CHECKED:	EC	
FILENAME: C-30	00 SITE PLAN.DWG	



EX. TIMBER EDGING

EX. SPILT RAIL FENCE

EX. CONTOUR

EX. DIRT PATH

EX. TREE

EX. TREE

EX. PIPE

PROP. FLUSH CONCRETE CURB

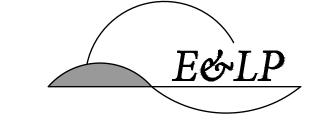
PROP. BOULDERS

PROP. SPLIT RAIL FENCE

PROP. POURED-IN-PLACE COLOR 1 (BEIGE, SEE SPECIFICATIONS)

PROP. POURED-IN-PLACE COLOR 2 (SKY BLUE, SEE SPECIFICATIONS)

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CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500 EXP. 8/31/2024

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05/18/23 DATE

EDWARD CONFAIR PROFESSIONAL ENGINEER NO. 24GE05187900

HIGH BRIDGE, NJ 08829

PROJECT:

FOREST EDGE PLAYGROUND AT HOLMDEL PARK BLOCK 19, LOT 47 HOLMDEL TOWNSHIP

MONMOUTH COUNTY NEW JERSEY

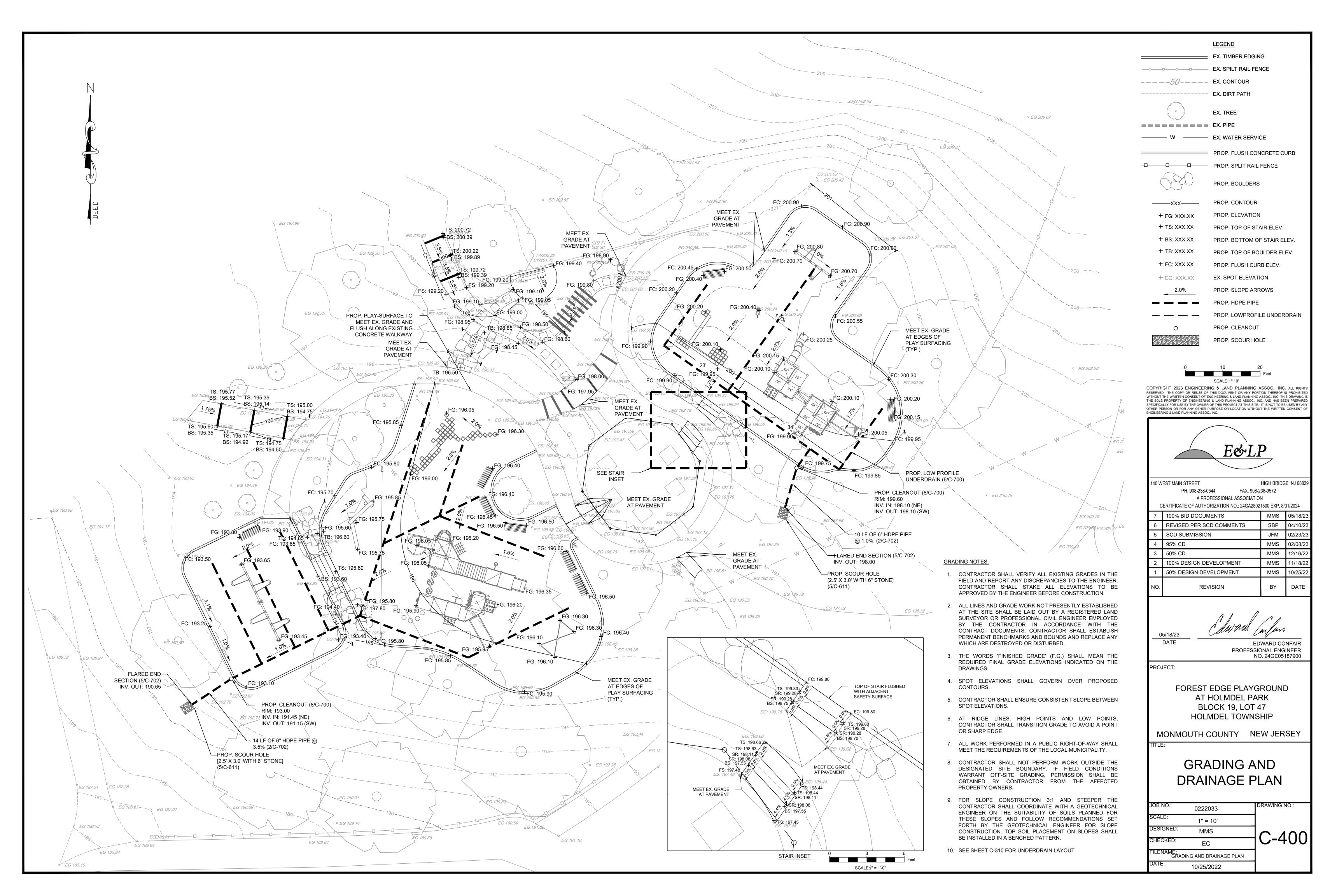
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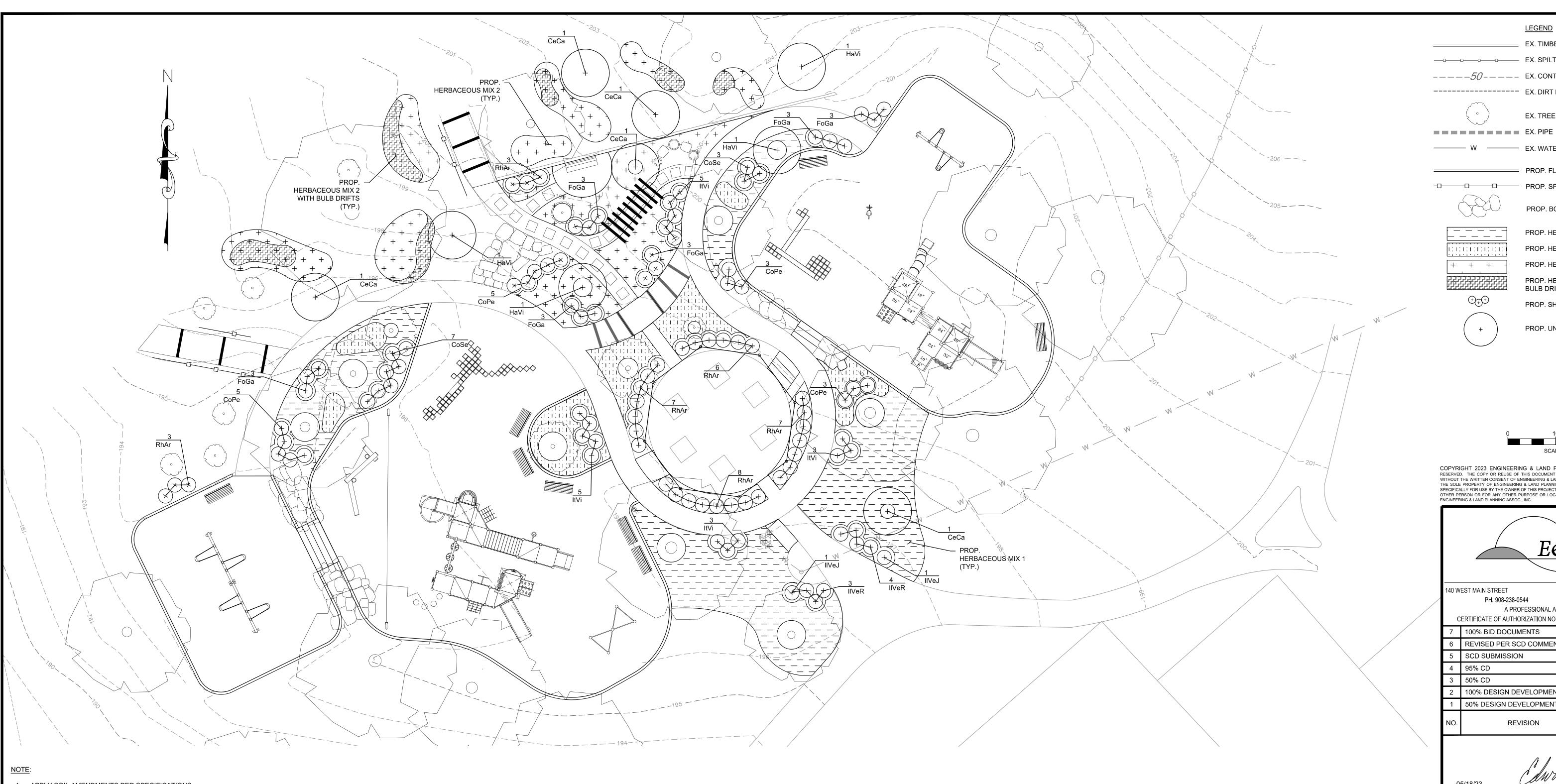
PLAY SURFACING PATTERN PLAN

JOB NO.:	0222033
SCALE:	1"=10'
DESIGNED:	MMS
CHECKED:	EC
FILENAME: C-310	LAYOUT PLAN.DWG

10/25/2022

C-311





1. APPLY SOIL AMENDMENTS PER SPECIFICATIONS.

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
HaVi	4	Hamamelis Virginiana	American witch-hazel	1.75" - 2.25" Cal.	PER PLAN	B+B
CeCa	5	Cercis Canadensis	Dogwood	1.75" - 2.25" Cal.	PER PLAN	B+B
SHRUBS			,		-	
FoGa	18	Fothergilla Gardenii	Witch-Alder	3 Gal, 36" MIN. HT.	PER PLAN	Cont
IIVeJ	2	llex verticillata 'Jim Dandy'	'Jim Dandy' Winterberry	3 Gal, 36" MIN. HT.	PER PLAN	Cont
IIVeR	7	llex verticillata 'Red Sprite'	'Red Sprite' Winterberry	3 Gal, 36" MIN. HT.	PER PLAN	Cont
RhAr	34	Rhus Aromatica 'Low Grow'	Fragrant Sumac	3 Gal, 36" MIN. HT.	PER PLAN	Cont
ItVi	16	Itea Virginica	Virginia Sweetspire	3 Gal, 36" MIN. HT.	PER PLAN	Cont
CoSe	10	Cornus Sericea	Redtwig Dogwood	3 Gal, 36" MIN. HT.	PER PLAN	Cont
CoPe	11	Comptonia Peregrina	Sweetfern	3 Gal, 36" MIN. HT.	PER PLAN	Cont
PERENNIALS/GRASSES			<u> </u>	•		
Herbaceous Mix 1 and 1A	241	Phlox divarcata	Blue Woodland Phlox	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	Basis of Design for landscape plugs: Northcreek nursery 388 N Creek Rd Landenberg, PA 19350 HTTPS://WWW.NORTHCREEKNURSERIES.CC Tel.: (610) 255-0100
	241	Polystichum acrostichoides	Christmas Fern	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	
	335	Carex pensylvanica	Pennsylvania Sedge	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	
Herbaceous Mix 1A	65	Carex albicans	White-tinged Sedge	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	
	32	Spigelia marilandica	Indian Pink	#1 CONTAINER	18" o.c.	Cont
	32	Asarum canadense	Canadian Wild Ginger	#1 CONTAINER	18" o.c.	
Herbaceous Mix 2	168	Tiarella Cordifolia	Heartleaf Foamflower	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	Basis of Design for landscape plugs:
	112	Dryopteris marginalis	Marginal Woodfern	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	Northcreek nursery 388 N Creek Rd Landenberg, PA 19350
	224	Osmunda Cinnamomea	Cinnamon Fern	PLUG, 2.25" DEEP, 1.52" WIDTH MIN.	18" o.c.	HTTPS://WWW.NORTHCREEKNURSERIES.COM Tel.: (610) 255-0100
Bulb Drift	23	Stylophorum diphyllum	Celandine Poppy	BULB	SEE MIX	
	23	Mertensia Virginica	Virginia Bluebells	BULB	SEE MIX	

LANDSCAPE NOTES:

- 1. ALL TOPSOIL SHALL BE PER SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL INSTALL ALL PLANT MATERIALS PER THE PLANTING DETAILS AND SPECIFICATIONS. THE CONTRACTOR SHALL REPLACE ANY PLANT MATERIALS WITHIN ONE GROWING SEASON FOR PLANT MATERIALS THAT ARE NO LONGER VIABLE
- 3. ALL PLANT MATERIAL SHALL CONFORM TO THE HORTICULTURAL STANDARDS AS SET FORTH BY THE AMERICAN NURSERYMEN AND LANDSCAPING ASSOCIATION (ANLA 2000). CONTRACTOR SHALL REMOVE ALL NON-BIODEGRADABLE ROOT WRAPPING PRIOR TO
- 4. TOPSOIL AND SEED ALL DISTURBED AREAS AS A RESULT OF ANY AND ALL CONSTRUCTION OR AREAS OF EQUIPMENT STORAGE CONTRACTOR SHALL FIELD VERIFY AREAS OF
- 5. ALL REMAINING DISTURBED AREAS SHALL BE SEEDED UNLESS NOTED OTHERWISE.

<u>LEGEND</u>

EX. TIMBER EDGING

— EX. SPILT RAIL FENCE

---- EX. CONTOUR ----- EX. DIRT PATH

— W — EX. WATER SERVICE

PROP. FLUSH CONCRETE CURB PROP. SPLIT RAIL FENCE

PROP. BOULDERS

1111111111111111 1 - 1 - 1 - 1 - 1 - 1 - 1 + + +

PROP. HERBACEOUS MIX 1 PROP. HERBACEOUS MIX 1A

PROP. HERBACEOUS MIX 2 PROP. HERBACEOUS MIX 2 WITH **BULB DRIFT**

PROP. SHRUB



++++

PROP. UNDERSTORY TREE



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140 WEST MAIN STREET

PH. 908-238-0544 FAX. 908-238-9572 A PROFESSIONAL ASSOCIATION

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REVISION

05/18/23 DATE

EDWARD CONFAIR PROFESSIONAL ENGINEER NO. 24GE05187900

BY

DATE

HIGH BRIDGE, NJ 08829

PROJECT:

FOREST EDGE PLAYGROUND AT HOLMDEL PARK BLOCK 19, LOT 47 HOLMDEL TOWNSHIP

MONMOUTH COUNTY NEW JERSEY

PLANTING PLAN

JOB NO.:	0222033	DRAWING NO.:
SCALE:	1"=10'	
DESIGNED:	MMS	$] \subset F \cap C$
CHECKED:	EC] C- 50
FILENAME: C-500	PLANTING PLAN.DWG	

10/25/2022

C-500