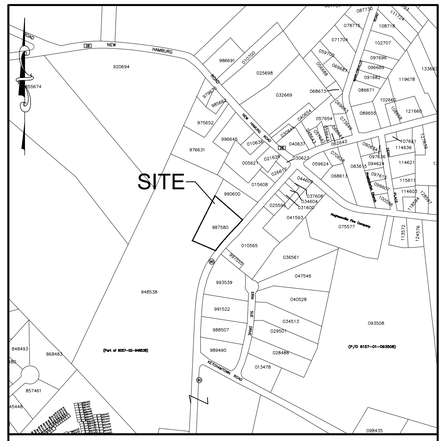


AREA MAP

SCALE: 1" = 500'

ADJOINING PARCEL OWNERS PER DC GIS

HARDIP KAUR
7 ERIN SUE DR
WAPPINGERS FALLS, NY 12590
FOR PROPERTY:135689006057000299353 9

RONALD M. EVANGELISTA
PO BOX 493
HUGHSONVILLE, NY 12537
FOR PROPERTY:135689006057000299755 5

P L. OBERCREEK
PO BOX 220
HUGHSONVILLE, NY 12537
FOR PROPERTY:135689006057000294853 8

SHIRLEY POILLUCCI
PO BOX 423
HUGHSONVILLE, NY 12537
FOR PROPERTY:135689006057000299060 0

MATTHEW L. WALLINGFORD
PO BOX 540
HUGHSONVILLE, NY 12537
FOR PROPERTY:135689006057000298758 0

CHARLES T. KELLER
PO BOX 284
HUGHSONVILLE, NY 12537
FOR PROPERTY:135689006157000101056 5

ZONE CLASSIFICATION	HM
ACTION:	CHANGE OF USE
FORMER USE:	FURNITURE STORE WITH ACCESSORY 1 BEDROOM APARTMENT WITH BARN
PROPOSED USE	PROPOSED PRIVATE, COMMUNITY OR FRATERNAL RECREATION CLUBS (§ 240-62) WITH 2 BEDROOM APARTMENT WITH BARN
TAX MAP PARCEL NO	135689-6057-02-987580
TOPOGRAPHIC DATUM	N/A
TOTAL ACREAGE:	1.40 AC.
WATER SUPPLY:	EXISTING INDIVIDUAL WELL
SEWAGE DISPOSAL:	EXISTING INDIVIDUAL SUBSURFACE DISPOSAL
FEMA:	NO FLOODPLAINS ONSITE
STEEP SLOPES:	PARCEL IS FLAT PER SITE VISIT
WETLANDS:	NO WETLANDS ONSITE PER SITE VISIT

TOWN OF WAPPINGER (HM ZONING DISTRICT) USE R-40 2X SETBACKS PER 240-62B

Bulk Regulations:	Required	EXISTING			PROPOSED		
		HOUSE	APT	BARN	HOUSE	APT	BARN
Minimum Lot Area (ac)	0.57	1.49			1.49		
Minimum lot width (feet)	50'	184'+			184'+		
Minimum lot depth (feet)	80'	170'+			170'+		
Minimum lot frontage (feet)	50'	184'+			184'+		
Minimum front yard (feet)	50' X 2 = 100'	34.5'	101.2'	82.0'	34.5'	101.2'	82.0'
Minimum side yard (feet)	25' X 2 = 50'	115.2'	112.5'	5.3'	115.2'	112.5'	5.3'
Accessory building <15 feet high	10' X 2 = 20'	---	---	---	---	---	---
Minimum rear yard (feet)	50' X 2 = 100'	105.3'	105.3'	42.9'	105.3'	105.3'	42.9'
Accessory building <15 feet high	10' X 2 = 20'	--	--	--	--	--	--
Maximum building height (stories/feet)	2.5/35	<2.5/35	<2.5/35	<2.5/35	<2.5/35	<2.5/35	<2.5/35
Maximum impervious area	50%	0.34/1.49 = 22.8%			0.35/1.49 = 23.4%		
Maximum building coverage	25%	0.12/1.49 = 8.0%			0.12/1.49 = 8.0%		
Minimum landscaping area	50%	1.02/1.49 = 68.4%			1.02/1.49 = 72.8%		
Maximum floor area ratio	0.5	0.12			0.12		

240-96: OFF STREET PARKING REQUIREMENTS:	REQUIRED	PROVIDED
	18	18

* 2 BEDROOM APARTMENT - ASSUME 2 SPACES
1,526 S.F. OF ASSEMBLY SPACE - 1 SPACE PER 100 S.F. = 16 SPACES REQUIRED
*THE CARE TAKERS APARTMENT WILL BE OCCUPIED BY A MEMBER OF THE ORGANIZATION. THE APARTMENT WILL NOT BE RENTED OUT TO THE PUBLIC. 2 VEHICLES WILL BE ASSOCIATED WITH THE APARTMENT.

ESTIMATED WATER USAGE:
- 2 CARETAKER APARTMENT 220 GPD
- 22 PATRONS ONSITE AT ONE TIME (ESTIMATED MAX) @ 15GPD/PERSON = 330 GPD
- TOTAL WATER USED - 440 GPD

EXISTING SEPTIC SYSTEM :
- 1,250 GALLON SEPTIC TANK ~ OK
- 3 LATERALS AT 50' EACH

PROPOSED SEPTIC SYSTEM:
- PRIMARY AREA ~ ADD 6 LATERALS AT 50' EA.
- REPLACEMENT AREA ~ 6 LATERALS @ 55' EA.

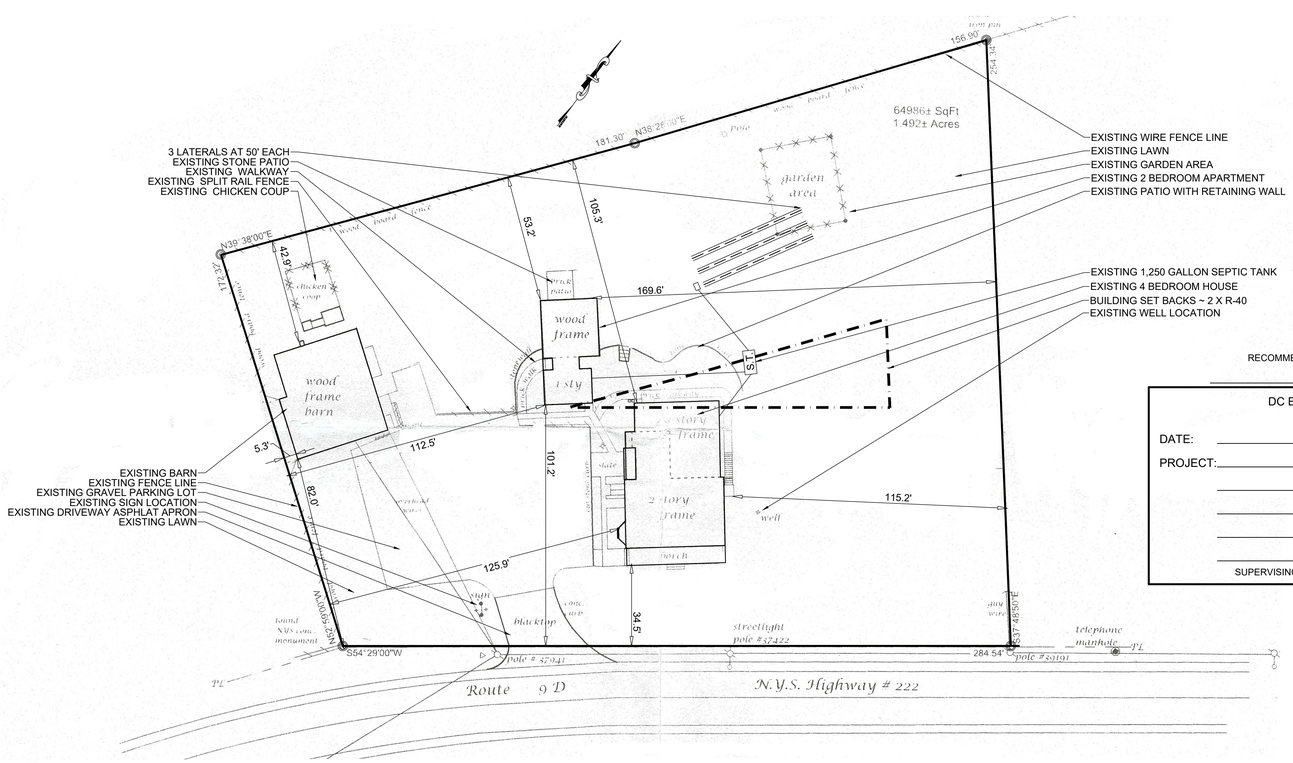
SITE SPECIFIC NOTES

SITE PLAN MODIFICATIONS AND CLARIFICATIONS:

1 AS-BUILT CONDITIONS TAKEN FROM AS BUILT SURVEY PREPARED BY RICHARD BARGER L.S. & P.E. DATED SEPTEMBER 22, 2003. SITE CONDITION UPDATED PER D & S SITE VISIT ON OCTOBER 25, 2022.

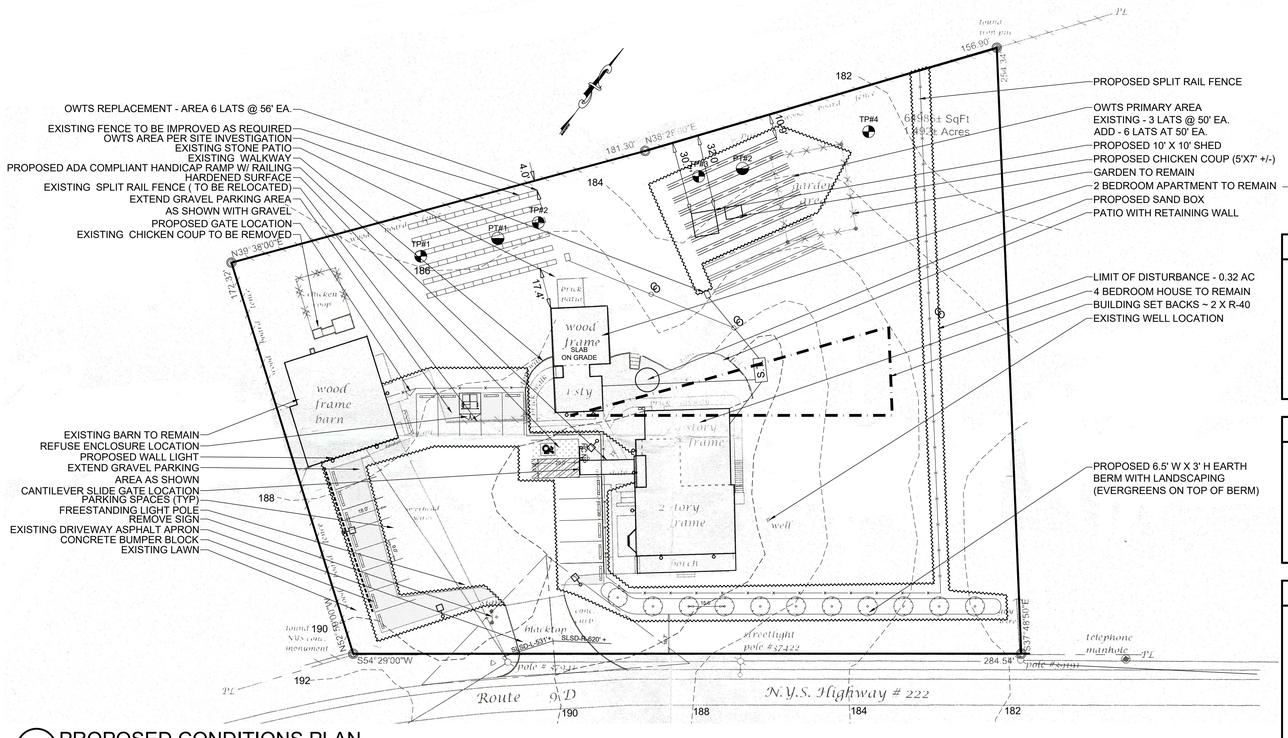
2. THE SITE WAS FORMALLY A FURNITURE STORE WITH A 1 BEDROOM APARTMENT.

3. THE FOLLOWING CLARIFICATIONS AND MODIFICATIONS ARE PROPOSED:
A. THE EXISTING 4 BEDROOM HOUSE SHALL REMAIN.
B. THE EXISTING 1 BEDROOM APARTMENT SHALL REMAIN.
C. THERE ARE NO CHANGES PROPOSED TO THE EXISTING BARN.
D. A FENCE AND ASSOCIATED GATES ARE TO BE INSTALLED AS SHOWN.
E. SCREENING IS PROPOSED VIA EARTH BERM AND EVERGREEN PLANTINGS ALONG THE FRONTAGE OF NYS 9D. SIGHT DISTANCE REMAINS UNCHANGED.
F. A SAND BOX IS PROPOSED TO BE INSTALLED ON THE REAR PATIO.
G. A 10' X 10' SHED IS PROPOSED TOWARD THE REAR OF THE PROPERTY.
H. 5 CHICKEN COUPS ARE PROPOSED TO BE INSTALLED AROUND THE EXISTING GARDEN.
I. THE EXISTING COMMERCIAL SIGN IS TO BE REMOVED.
J. THE EXISTING LIGHTING IS PROPOSED TO BE UPGRADED TO DARK SKY COMPLIANT FIXTURES.
K. AN ADA PARKING SPACE WITH HARDENED SURFACE HAS BEEN SHOWN WITH ADA RAMP LEADING TOWARD THE SIDE ENTRANCE DOOR. THE EXISTING DECK AT THE RECEIVING DOOR TO BE EXTENDED AS REQUIRED TO ALLOW FOR HANDICAPPED CHAIR ENTRY TO THE BUILDING.



1 EXISTING CONDITIONS PLAN

SCALE: 1" = 30'



2 PROPOSED CONDITIONS PLAN

SCALE: 1" = 30'

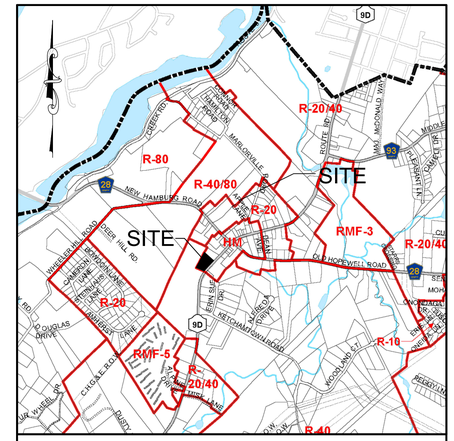
RECOMMENDED FOR APPROVAL

DC EHSD APPROVED

DATE: _____

PROJECT: _____

SUPERVISING PUBLIC HEALTH ENGINEER



ZONING MAP

N.T.S.

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SHEET #1 - EXISTING/PROPOSED CONSITIONS
SHEET #2 - CONSTRUCTION DETAILS
SHEET #3 - LIGHTING PLAN & CONSTRUCTION DETAILS
SHEET #4 - FLOOR PLAN
SHEET #5 - VEHICLE TURNING
SHEET #6 - ESC PLAN & DETAILS

PERCOLATION TEST DATA

SYMBOL ~ PT

ALL PERCOLATION TESTS HOLES WERE PERFORMED ON THE DATE OF NOVEMBER 30, 2022. PERCOLATION TEST HOLES WHERE PRE-SOAKED 24 HOURS IN ADVANCE OF TESTING.

T.H. NO.	DEPTH	PERCOLATION TEST RUN(S) 1	2	3	4	5	DESIGN RATE IMPLEMENTED
1	30"	22	30	34	36	36	31-45 MIN. DESIGN RATE
2	30"	30	34	41	41	---	

DEEP TEST SOIL DATA

SYMBOL ~ TP

DEEP TEST PITS AS INDICATED BY (LOT#-HOLE #) WERE PERFORMED ON THE DATE OF NOVEMBER 18, 2022. TESTS WITNESSED BY DAY & STOKOSA ENGINEERING AND DAN KEELER, PE FROM THE DCHD.

TEST HOLE	DEPTH	ROCK	IMP.	WATER	RESULTS
1	7'-6"	---	---	---	1"-30" GRAVELLY LOAM, BAL - TIGHT CLAY LOAM
2	7'-0"	---	---	---	1"-24" GRAVELLY LOAM, BAL - TIGHT CLAY LOAM
3	7'-6"	---	---	---	1"-18" GRAVELLY LOAM, BAL - GRAVELY CLAY LOAM
4	7'-0"	---	---	---	1"-12" GRAVELLY LOAM, BAL - TIGHT SILY LOAM

PROPOSED TILE FIELD SCHEDULE

LINEAL FT. OF ABSORPTION AREA INFILTRATOR		SAND & GRAVEL FILL (MINIMUM)	TOPSOIL COVER	TRENCH DEPTH (MAXIMUM)	TRENCH WIDTH	PUMP CHAMBER	D-BOX
PRIMARY AREA	REPLACEMENT AREA						
450' - 4" PVC	336' - QUICK4	---	6"	18"	24"	NO	YES

ONSITE WASTEWATER TREATMENT SYSTEM	SEPTIC TANK SIZE (GAL.)	CONFIGURATION FIELD		I.S.E. MIN. INV.
		PRIMARY AREA	REPLACEMENT AREA	
P-TILE FIELD, R-INFILTRATOR	1,250	9 LATS @ 50' EA.	6 LATS @ 56' EA.	HOUSE-188.1 ADU-188.25

LANDSCAPING SCHEDULE

SYMBOL	QTY.	COMMON NAME	SCIENTIFIC NAME	SIZING	NOTES
	11	Eastern White Pine	Pinus Strobus	Min. 3" DIA @ 5'	Nursery Grown, Plant in Spring of Year

GENERAL LEGEND

- EXISTING HOUSE (F.F.- 835.5)
- EXISTING/APPROVED OWTS AREA
- ST — SEPTIC TANK
- DISTRIBUTION BOX
- PRIMARY OWTS AREA
- REPLACEMENT OWTS AREA
- PROPOSED FENCE
- LIMIT OF DISTURBANCE
- PT# — PERCOLATION TEST LOCATION
- TP# — DEEP SOIL TEST LOCATION
- PROPOSED FREE STANDING LIGHT
- PROPOSED WALL MOUNTED LIGHT

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

OWNER/APPLICANT

OWNER
ANDREW MEYERS
53 WHITE STREET, SUIT M
NEW YORK NY 10013

APPLICANT
LARA TABATZINK
75 OAK HOLLOW ROAD,
GARRISON NY 10524

OWNER CONSENT

THE UNDERSIGNED OWNER(S) OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

OWNER _____ DATE _____

TOWN OF WAPPINGERS PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGERS FALLS, NEW YORK ON THE _____ DAY OF _____, 2023 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGERS FALLS PLANNING BOARD

SIGNED THIS_____ DAY OF _____, 2023

TOWN OF WAPPINGER PLANNING BOARD CHAIR

Brian J. Stokosa, PE

STATE OF NEW YORK · BRIAN J. STOKOSA · 083970 · LICENSED PROFESSIONAL ENGINEER

JANUARY 2, 2023	
OCTOBER 24, 2022	
Revisions	
Project No. 2022.385	License No. 083970

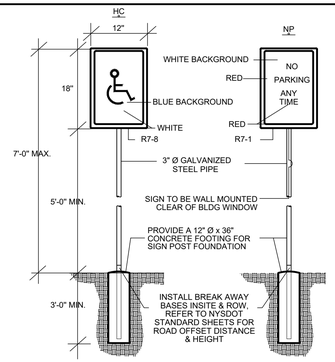
DAY | STOKOSA
ENGINEERING P.C.

3 Van Wyck
Wappingers Falls, New York
(845)-223-3202

PROJECT
Amended Site Plan -
Children's Enrichment Project
Town of Wappinger — Dutchess County, New York

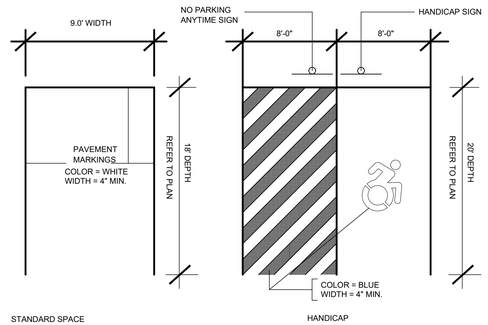
DRAWING
Existing/Proposed Conditions

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	1
DATE 9-23-22	CHECKED BY BJS	1 of 6



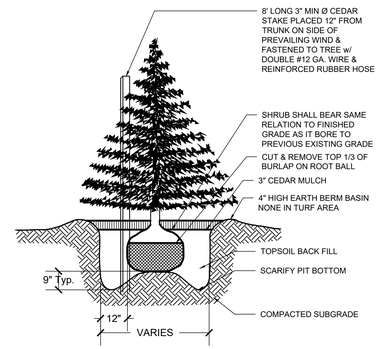
ALL EPOXY PAVEMENT MARKINGS AND ALL SIGNS SHALL BE IN CONFORMANCE WITH THE FEDERAL MUTCD AND THE NYS SUPPLEMENT.

1 SIGN DETAILS
NOT TO SCALE

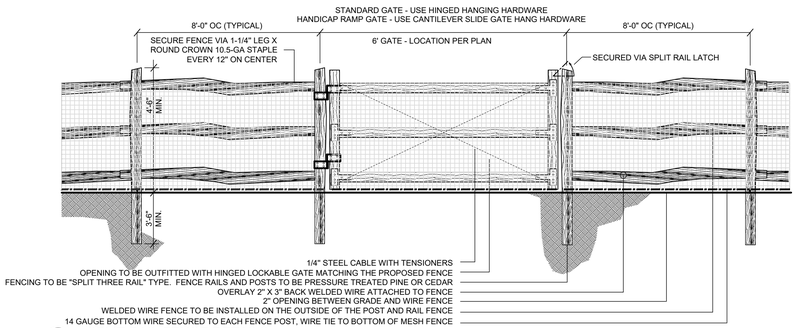


THE ABOVE PARKING DIMENSIONS ARE AS PER TOWN OF WAPPINGER ZONING ORDINANCE.
HANDICAP SPACE TO CONFORM TO NYS UNIFORM BUILDING CODE REQUIREMENTS

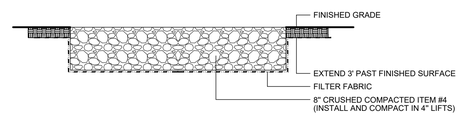
2 PARKING SPACE DETAIL
NOT TO SCALE



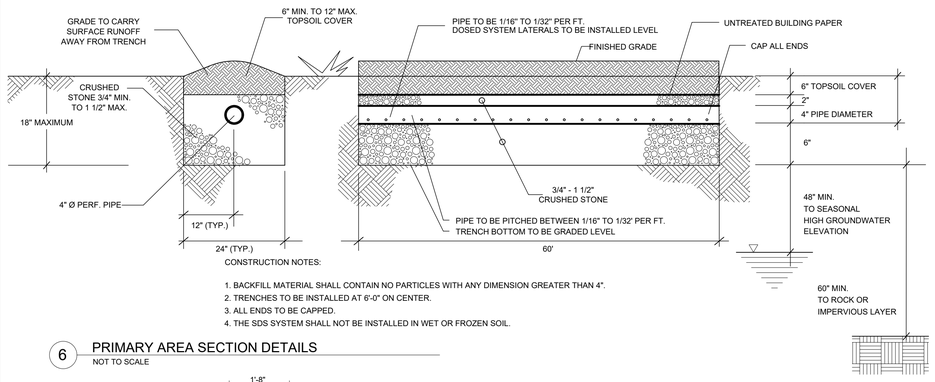
3 EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE



4 SPLIT RAIL FENCE DETAILS
NOT TO SCALE



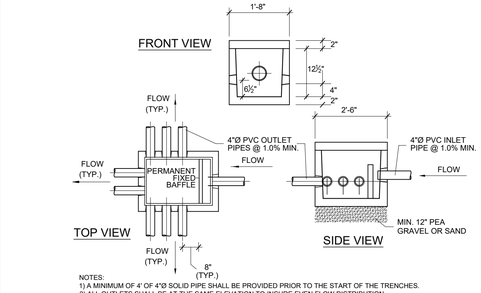
5 PARKING LOT GRAVEL SURFACE EXPANSION DETAIL
NOT TO SCALE



CONSTRUCTION NOTES:

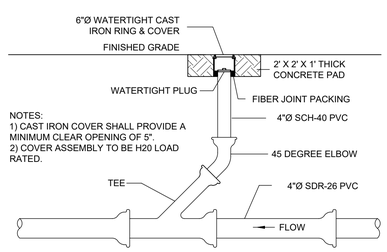
1. BACKFILL MATERIAL SHALL CONTAIN NO PARTICLES WITH ANY DIMENSION GREATER THAN 4".
2. TRENCHES TO BE INSTALLED AT 6'-0" ON CENTER.
3. ALL ENDS TO BE CAPPED.
4. THE SDS SYSTEM SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.

6 PRIMARY AREA SECTION DETAILS
NOT TO SCALE



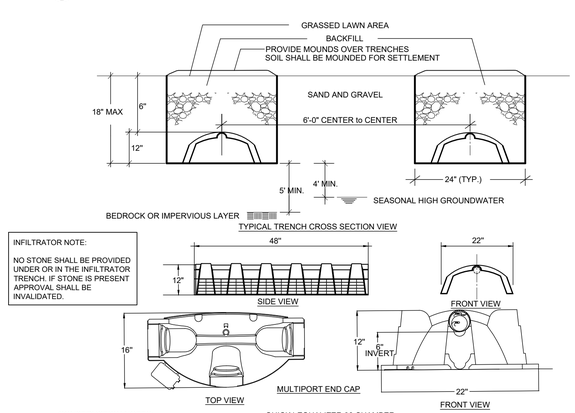
NOTES:
1) A MINIMUM OF 4' OF 4"Ø SOLID PIPE SHALL BE PROVIDED PRIOR TO THE START OF THE TRENCHES.
2) ALL OUTLETS SHALL BE AT THE SAME ELEVATION TO INSURE EVEN FLOW DISTRIBUTION.
3) ALL UNUSED OUTLETS MUST BE PLUGGED.
4) A BRICK BAFFLE SHALL BE PLACED AT THE INLET OPENING OF THE D-BOX.
5) A BEDDING OF MINIMUM 12" DEPTH OF PEA GRAVEL OR SAND SHALL BE PROVIDED UNDER THE D-BOX.
6) THE INVERT ON THE INLET PIPE SHALL BE A MINIMUM OF 2" HIGHER THAN THE INVERT OF ANY OF THE OUTLETS.
7) A 12" MAXIMUM LAYER OF TOPSOIL COVER SHALL BE PROVIDED.

8 DISTRIBUTION BOX DETAIL
NOT TO SCALE



NOTES:
1) CAST IRON COVER SHALL PROVIDE A MINIMUM CLEAR OPENING OF 5".
2) COVER ASSEMBLY TO BE H20 LOAD RATED.

9 CLEAN OUT DETAIL
NOT TO SCALE



INFILTRATOR NOTE:

NO STONE SHALL BE PROVIDED UNDER OR IN THE INFILTRATOR TRENCH. IF STONE IS PRESENT APPROVAL SHALL BE INVALIDATED.

CONSTRUCTION NOTES: QUICK4 EQUALIZER 36 CHAMBER

1. UNITS ARE TO BE QUICK4 EQUALIZER 36 INFILTRATOR.
2. TOPSOIL COVER IS TO BE PLACED OVER UNITS AS SHOWN. BACKFILL SHALL BE A MINIMUM OF 6" - 12" INCLUDING 4" OF TOPSOIL.
3. THE TOPSOIL LAYER SHALL BE SEEDED TO PROMOTE GRASS GROWTH.
4. UNITS TO BE SUPPLIED BY INFILTRATOR SYSTEMS INC., 6 OLD BUSINESS PARK ROAD, OLD SAYBROOK C.T. 06475.
5. UNITS TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
6. MANUFACTURE WEB SITE - HTTP://WWW.INFILTRATORSYSTEMS.COM
7. CHANGES IN INFILTRATOR MODEL, MANUFACTURE/INSTALLATION REQUIREMENTS WILL REQUIRE RE-APPROVAL FROM THE DCHD.
8. TRENCHES ARE TO BE GRADED LEVEL.
9. INFILTRATORS ARE TO BE SET LEVEL.
10. A SPLASH PAD TO BE PROVIDED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
11. SOIL OVER TRENCHES SHALL BE MOUNDED FOR SETTLEMENT.

7 REPLACEMENT AREA INFILTRATOR DETAIL
NOT TO SCALE

LANDSCAPE NOTES:

NO TRESS OR SHRUBS SHALL BE PLANTED ON EXISTING FOR PROPOSED UTILITY LINES

THE OWNER IS RESPONSIBLE FOR MAINTAINING THE SITE LANDSCAPING AS SHOWN ON THE APPROVED SITE PLAN THROUGHOUT THE DURATION OF USE.

THE LANDSCAPE CONTRACTOR SHALL CAREFULLY CORRELATE CONSTRUCTION ACTIVITIES WITH THAT OF THE EARTHWORK CONTRACTOR AND OTHER SITE DEVELOPMENT.

THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS AND INSPECT RELATED WORK AND ADJACENT SURFACES. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL FINISH GRADES WITHIN THE WORK AREA. THE CONTRACTOR SHALL REPORT TO THE LANDSCAPE ARCHITECT AND OWNER ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.

THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES, WHICH MAY NOT BE INDICATED ON THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND IS RESPONSIBLE FOR THEIR REPLACEMENT IF DAMAGED.

THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM RUBBISH AND ALL DEBRIS AT ALL TIMES AND SHALL ARRANGE MATERIAL STORAGE SO AS NOT TO INTERFERE WITH THE OPERATION OF THE PROJECT. ALL UNUSED MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE SITE. ALL LANDSCAPED AREAS MULCHED UNLESS OTHERWISE NOTED.

WARRANTY:
ALL PLANT MATERIAL (LAWNS, TREES, SHRUBS, ETC.) AND PLANTING SUPPLIES (EDGING, BARK, MULCH, ETC.) SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM THE DATE OF COMPLETION OF THE LANDSCAPING INSTALLATION. ALL REPLACEMENT STOCK SHALL BE SUBJECT TO THE SAME WARRANTY REQUIREMENTS AS THE ORIGINAL STOCK. ANY DAMAGE DUE TO REPLACEMENT OPERATIONS SHALL BE REPAIRED BY THE LANDSCAPE CONTRACTOR. AT THE END OF THE WARRANTY PERIOD, INSPECTIONS SHALL BE MADE JOINTLY BY LANDSCAPE ARCHITECT, OWNER, TENANT AND LANDSCAPE CONTRACTOR. ALL PLANT AND LAWN AREAS NOT IN A HEALTHY GROWING CONDITION SHALL BE REMOVED AND REPLACED WITH PLANTS AND TURF COVER OF A LIKE KIND AND SIZE BEFORE THE CLOSE OF THE NEXT PLANTING SEASON.

SPECIES AND VARIETY AS SPECIFIED ON THE DRAWINGS AND DELIVERED TO THE SITE SHALL BE CERTIFIED TRUE TO THEIR GENUS, SPECIES AND VARIETY AND AS DEFINED WITHIN THE CURRENT EDITION OF INTERNATIONAL CODE OF NOMENCLATURE FOR CULTIVATED PLANTS, ISSUED BY THE INTERNATIONAL UNION OF BIOLOGICAL SCIENCES. SUBSTITUTIONS ARE NOT PERMITTED WITHOUT TENANT'S LANDSCAPE ARCHITECT'S WRITTEN APPROVAL.

PLANTING STOCK SHALL BE WELL-BRANCHED AND WELL-FORMED, SOUND, VIGOROUS, HEALTHY, FREE FROM DISEASE, SUN-SCALD, WINDBURN, ABRASION, AND HARMFUL INSECTS AND INSECT EGGS; AND SHALL HAVE HEALTHY, NORMAL, UNBROKEN ROOT SYSTEMS. DECIDUOUS TREES AND SHRUBS SHALL BE SYMMETRICALLY DEVELOPED, OF UNIFORM HABIT OF GROWTH, WITH STRAIGHT TRUNKS AR STEMS, AND FREE FROM OBJECTIONABLE DISFIGUREMENTS. EVERGREEN TREES AND SHRUBS SHALL HAVE WELL-DEVELOPED SYMMETRICAL TOPS WITH TYPICAL SPREAD OF BRANCHES FOR EACH PARTICULAR SPECIES OR VARIETY. ONLY VINES AND GROUND COVER PLANTS WELL ESTABLISHED SHALL BE USED. PLANTS BUDDING INTO LEAF OR HAVING SOFT GROWTH SHALL BE SPRAYED WITH AND ANTI-DESICCANT AT THE NURSERY BEFORE DIGGING.

ALL STOCK SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN STOCK. BARE ROOT STOCK OF ANY KIND IS UNACCEPTABLE.

SEED:

EXPOSED SLOPES AND ALL GRADED AREAS SHALL BE SEEDED WITH THE FOLLOWING GRASS SEED MIX IMMEDIATELY UPON COMPLETION OF ITS CONSTRUCTION, OR IF PLANNED TO BE LEFT UNDISTURBED FOR MORE THAN 14 DAYS. GRASS SEED MIX TO BE APPLIED AT A RATE OF 50 POUNDS PER ACRE IN THE FOLLOWING PROPORTIONS:

KENTUCKY BLUEGRASS	40%
CREEPING RED FESCUE	40%
RYE GRASS	20%

GRASS SEED MIX MAY BE APPLIED BY EITHER MECHANICAL OR HYDROSEEDING METHODS. HYDROSEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF THE NYSDOT STANDARD SPECIFICATIONS, CONSTRUCTION AND MATERIALS, SECTION 610-3.02, METHOD No. 1.

SEEDED AREAS SHALL BE MULCHED WITH STRAW AT A RATE OF 2 TONS PER ACRE, OR 90 LBS. PER 1,000 SQUARE FEET, SUCH THAT IT FORMS A CONTINUOUS BLANKET.

SEED SHALL BE A BLEND OF CERTIFIED LAWN GRASS AND/OR GROUND COVER PLANT SEEDS COMMON TO THE SITE LOCATION.
PROVIDE FRESH, CLEAN, NEW-CROP SEED COMPLYING WITH ESTABLISHED TOLERANCES FOR GERMINATION AND PURITY IN

ACCORDANCE WITH THE U.S. DEPARTMENT OF AGRICULTURE RULES AND REGULATIONS UNDER THE LATEST EDITION OF THE FEDERAL SEED ACT, SEED SHALL BE MIXED BY THE DEALER AND SHALL BE DELIVERED TO THE SITE IN SEALED CONTAINERS WHICH SHALL BEAR THE DEALER'S GUARANTEED ANALYSIS.

MULCHES FOR PLANTINGS:
SHREDDED BARK MULCH, MEDIUM SIZE, FROM HARDWOOD TREES. NO PIECES OVER TWO INCHES (2") IN GREATEST DIMENSION. FREE FROM SAWDUST, STONES, DEBRIS, AND DELETERIOUS MATERIALS.

ALL VEGETATION SHOWN ON THIS PLAN SHALL BE MAINTAINED IN A HEALTHY AND VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF THE PROPOSED USE. ALL VEGETATION NOT SO MAINTAINED SHALL BE REPLACED WITH NEW VEGETATION AT THE BEGINNING OF THE NEXT GROWING SEASON.
ALL AREAS OF SITE NOT OCCUPIED BY BUILDINGS OR PAVEMENT AND NOT SPECIFIED AS BEING PLANTED WITH TREES, SHRUBS OR GROUND COVER SHALL BE SEEDED.

NO TREES OR SHRUBS SHALL BE PLANTED ON EXISTING OR PROPOSED UTILITY LINES.

LONGTERM PLANTING MAINTENANCE NOTES
THE OWNER/OPERATOR SHALL BE RESPONSIBLE FOR THE LONG-TERM MONITORING AND MAINTENANCE OF THE PLANTINGS WITHIN THE THE SITE IN PERPETUITY AND TO THE SATISFACTION OF THE CITY.

THE COVERAGE OF THE SEEDED AREAS SHALL BE UNIFORM WITH NO BARE AREAS LARGER THAN ONE-HALF SQUARE FEET.

THE ACCEPTABLE DENSITY OF COVERAGE SHALL BE A MINIMUM OF EIGHTY-FIVE PERCENT (85%) OF LANDSCAPE QUANTITY PLANTS SHOWN ON THE APPROVED PLANTING PLAN. IF LESS THAN EIGHTY-FIVE (85%) OF A PARTICULAR PLANT SPECIES SURVIVES, REPLACEMENT WITH SAME AND/OR ALTERNATIVE PLANT SPECIES ACCEPTABLE TO THE CITY PLANNING BOARD SHALL OCCUR, SERVING THE INTENDED FUNCTION OF THE ORIGINALLY PROPOSED PLANTINGS.

STANDARD NOTES FOR COMMERCIAL PROJECTS (ONSITE WATER SOURCE AND SEWAGE DISPOSAL) - W/NO PWS

THE DESIGN, CONSTRUCTION AND INSTALLATION SHALL BE IN ACCORDANCE WITH THIS PLAN AND GENERALLY ACCEPTED STANDARDS IN EFFECT AT THE TIME OF CONSTRUCTION WHICH INCLUDE:

"NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZED WASTEWATER TREATMENT SYSTEMS", NYSDEC

"APPENDIX 75-A, WASTE TREATMENT - INDIVIDUAL HOUSEHOLD SYSTEMS, NEW YORK STATE SANITARY CODE."

"RECOMMENDED STANDARDS FOR SEWAGE TREATMENT WORKS, (TEN STATES),"

"NEW YORK STATE DEPARTMENT OF HEALTH AND DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION POLICIES, PROCEDURES AND STANDARDS."

"DUTCHESS COUNTY AND NEW YORK STATE SANITARY CODES."

"DUTCHESS COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION CERTIFICATE OF APPROVAL LETTER."

THIS PLAN IS APPROVED AS MEETING THE APPROPRIATE AND APPLIED TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES FOR ARRANGEMENT OF SEWAGE DISPOSAL AND TREATMENT AND WATER SUPPLY FACILITIES.
UPON COMPLETION OF THE FACILITIES, THE FINISHED WORKS SHALL BE INSPECTED, TESTED, AND CERTIFIED COMPLETE TO THE DC EHSD BY THE NEW YORK STATE REGISTERED DESIGN PROFESSIONAL SUPERVISING CONSTRUCTION. NO PART OF THE FACILITIES SHALL BE PLACED INTO SERVICE UNTIL ACCEPTED BY THE DC EHSD.

APPROVAL OF ANY PLAN(S) OR AMENDMENT THERETO SHALL BE VALID FOR A PERIOD OF 5 YEARS FROM THE DATE OF APPROVAL. FOLLOWING THE EXPIRATION OF SAID APPROVAL, THE PLAN(S) SHALL BE RE-SUBMITTED TO THE COMMISSIONER OF HEALTH FOR CONSIDERATION FOR RE-APPROVAL. RE-SUBMISSION OR REVISED SUBMISSION OF PLANS AND/OR ASSOCIATED DOCUMENTS SHALL BE SUBJECT TO COMPLIANCE WITH THE TECHNICAL STANDARDS, GUIDELINES, POLICIES AND PROCEDURES IN EFFECT AT THE TIME OF THE RE-SUBMISSION.

ALL WELLS AND ONSITE WASTEWATER TREATMENT SYSTEM EXISTING OR APPROVED WITHIN 300 FEET OF THE PROPOSED WELLS AND ONSITE WASTEWATER TREATMENT SYSTEM ARE SHOWN ON THIS PLAN ALONG WITH ANY OTHER ENVIRONMENTAL HAZARDS IN THE AREA THAT MAY AFFECT THE DESIGN AND FUNCTIONAL ABILITY OF THE ONSITE WASTEWATER TREATMENT SYSTEM AND WELL.

IT SHALL BE DEMONSTRATED BY THE CONTRACTOR TO THE DC EHSD FIELD INSPECTOR AND/OR DESIGN PROFESSIONAL THAT THE TANK IS SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THIS SHALL REQUIRE, AT A MINIMUM, THE FILLING OF THE TANK WITH WATER TO OBSERVE IF IT IS IN FACT SEALED, WATERTIGHT AND ACCEPTABLE FOR USE. THE TANK MUST ALSO MEET ANY LOCAL TESTING REQUIREMENTS, INCLUDING POSSIBLE ELECTRICAL AND SAFETY STANDARDS.
ALL PROPOSED WELLS AND SERVICE LINES ON THIS PLAN ARE ACCESSIBLE FOR INSTALLATION AND PLACEMENT.

NO CELLAR, FOOTING, FLOOR, GARAGE, COOLER OR ROOF DRAINS SHALL BE DISCHARGED INTO THE ONSITE WASTEWATER TREATMENT SYSTEM OR WITHIN 50 FEET OF ANY WELL.

ALL BUILDINGS SHALL BE CONSTRUCTED AT AN ELEVATION HIGH ENOUGH TO ENSURE GRAVITY FLOW TO THE ONSITE WASTEWATER TREATMENT SYSTEM.

THERE SHALL BE NO VEHICULAR TRAFFIC OVER THE ONSITE WASTEWATER TREATMENT SYSTEM. PRIOR TO CONSTRUCTION, THE AREA OF THE SYSTEM SHALL BE STAKED OUT AND FENCED OFF.

ONSITE WASTEWATER TREATMENT SYSTEMS SHALL NOT BE INSTALLED IN WET OR FROZEN SOIL.

THE DC EHSD SHALL BE NOTIFIED PRIOR TO THE BACKFILLING OF ANY COMPLETED ONSITE WASTEWATER TREATMENT SYSTEM SO THAT A FINAL INSPECTION MAY BE PERFORMED.

THE DC EHSD SHALL BE NOTIFIED SIXTY DAYS PRIOR TO ANY CHANGE IN USE; USE CHANGES MAY REQUIRE RE-APPROVAL BY THE DC EHSD.

ALL REQUIRED EROSION & SEDIMENT CONTROL AND STORMWATER POLLUTION PREVENTION WATER QUALITY & QUANTITY CONTROL STRUCTURES, PERMANENT AND TEMPORARY, ARE SHOWN ON THE PLANS.

THE UNDERSIGNED OWNERS OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

FOR MAPS WITH EXISTING HOUSES WITH ONSITE WASTEWATER TREATMENT SYSTEMS

THE EXISTING ONSITE WASTEWATER TREATMENT SYSTEM(S) AND/OR WATER SUPPLY(IES) WERE INSTALLED PRIOR TO THE DATE OF THIS APPROVAL AND THEREFORE THIS APPROVAL SHALL NOT BE CONSTRUED TO MEAN THAT THE FUNCTIONAL ABILITY OR ADEQUACY OF THE EXISTING ONSITE WASTEWATER TREATMENT SYSTEM(S) AND/OR WATER SUPPLY(IES) ON THE EXISTING LOT HAVE BEEN APPROVED OR ACCEPTED.

ANY CONSTRUCTION OF AN ONSITE WASTEWATER TREATMENT SYSTEM AND/OR WATER SUPPLY ON AN AREA OF AN EXISTING LOT(S) WHICH IS NOT EXISTING AT THE TIME OF THIS APPROVAL BUT WAS APPROVED AS PART OF THIS APPROVAL SHALL BE INSPECTED AND APPROVED BY THE DC EHSD PRIOR TO USE.

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

OWNER CONSENT

THE UNDERSIGNED OWNER(S) OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

OWNER DATE

TOWN OF WAPPINGERS PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGERS FALLS, NEW YORK ON THE _____ DAY OF _____ _____, 2019 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGERS FALLS PLANNING BOARD

SIGNED THIS_____ DAY OF _____, 2020

TOWN OF WAPPINGER PLANNING BOARD CHAIR

	Brian J. Stokosa, PE
JANUARY 2, 2023	
OCTOBER 24, 2022	
Revisions	
Project No. 2022.385	License No. 083970

DAY STOKOSA ENGINEERING P.C.
3 Van Wyck
Wappingers Falls, New York
(845)-223-3202

PROJECT
Amended Site Plan - Children's Enrichment Project
Town of Wappinger Dutchess County, New York

DRAWING
Construction Details

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	2
DATE 9-23-22	CHECKED BY BJS	2 of 6

BEACON design . performance . technology

URBAN SERIES
URBAN LUMINAIRE

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

FEATURES
- Decorative transitional style lighting fixture series is suitable for walkway lighting and wall mounting
- Two unique shade and style options
- LED turtle-friendly option available
- Integral Surge and Thermal Protection

*3000K and warmer CCTs only

FIXTURE MOUNTED TO PRESSURE TREATED WOOD POLE MATCHING EXISTING LIGHTING ON PARCEL

CONTROL TECHNOLOGY
energeni

SPECIFICATIONS

CONSTRUCTION
- The drivers shall be located in the top cast housing and shall be accessible without tools by hinging the lower shade assembly. The driver and all electrical components shall be on a tray
- The lower shade shall be made from a one-piece aluminum spinning
- The housing is designed for LED thermal management without the use of metallic screens, cages, or fans. The top casting shall be able to be pendent mounted in place with a stainless steel safety pin and then permanently held in place with four stainless steel bolts

ELECTRICAL
- 100V through 277V, 50 Hz to 60 Hz (UNV), or 347V or 480V input
- Power factor is ≥0.90 at full load
- Dimming drivers are standard with connections for external dimming equipment available upon request
- Component-to-component wiring within the luminaire may carry no more than 80% of rated load and is listed by UL for use at 600VAC at 50°C or higher
- Plug disconnects are listed by UL for use at 600 VAC, 13A or higher. 13A rating applies to primary (AC) side only
- Fixture electrical compartment shall contain all LED driver components
- Button photocell available
- Ambient operating temperature -40°C to 40°C

ELECTRICAL (CONTINUED)
- Surge protection - 20KA
- Lifeshield™ Circuit - protects luminaire from excessive temperature. The device shall activate at a specific, factory-preset temperature, and progressively reduce power over a finite temperature range. A luminaire equipped with the device may be reliably operated in any ambient temperature up to 55°C (131°F). Operation shall be smooth and undetectable to the eye. Thermal circuit is designed to "fail on", allowing the luminaire to revert to full power in the event of an interruption of its power supply, or faulty wiring connection to the drivers. The device shall be able to co-exist with other 0-10V control devices (occupancy sensors, external dimmers, etc.)

CONTROLS
- Available with Energeni for optional set dimming, timed dimming with simple delay, or timed dimming based on time of night visit

FINISH
- IFS polyester powder-coat electrostatically applied and thermocured
- IFS finish consists of a five stage pretreatment regimen with a polymer primer sealer and top coated with a thermoset super TGIC polyester powder coat finish
- The finish meets the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance and resists cracking or loss of adhesion per ASTM D522 and resists surface impacts of up to 160 inch-pounds

CERTIFICATIONS
- DesignLights Consortium (DLC) qualified, consult DLC website for more details: http://www.designlights.org/QPL
- NRTL Certified, UL8750, UL 1598 and CSA22.2#250. 13-14 for wet locations
- IDA approved
- This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available.

WARRANTY
- 5 year warranty

KEY DATA	
Lumen Range	3,300–11,600
Wattage Range	55–136
Efficacy Range (LPW)	61–87

Current

currentlighting.com/beacon

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Page 1 of 5
Rev 08/04/22
Urban_LED_spec_sheet_Strike_R01

ORDERING GUIDE

Example: URB–CAP-21–36L-80–5K7–UNV–4–NRNW–BLT

CATALOG #

Model	Lens Option	Engine–Watts	CCT/CRI[6]	Voltage	Optics[2]	Electrical Options
URB Urban	CAP-21 21" Capitol	24L-27 27W, LED array	3K7 3000K, 70 CRI	UNV 120-277V	FR Type I	PCU Button Photocell, Universal
	MRDS-21 21" Miramar deep shade	24L-55 55W, LED array	4K7 4000K, 70 CRI	347 347V	2 Type II	
	MAR-21 21" Maritas	36L-80 85W, LED array	5K7 5000K, 70 CRI	480 480V	3 Type III	
	CAP-26 26" Capitol	48L-110 110W, LED array[1]			4 Type IV	
	MRSS-26 26" Miramar shallow shade	60L-136 136W, LED array[1]			4W Type IV wide	
	MRDS-26 26" Miramar deep shade				5R Type V rectangular	
	MAR-26 26" Maritas				5QM Type V square medium	
					5W Type V round wide	
					BC Backshield (available for FR, 2, 3, 4, 4W Opctics)	

Control Options	Mounting Style	Style	Sensor Option	Finish
GENI-XX Energeni[4]	PM Pendant mount	NRNW No rings	MOB Motion sensor 33% or 50% dimming[3,5,7]	BLT Black Matte Textured
	SM Side mount	3RNW Three rings		BLS Black Gloss Smooth
	YM Yoke mount			DBT Dark Bronze Matte Textured
				DBS Dark Bronze Gloss Smooth
				GTT Graphite Matte Textured
				LGS Light Grey Gloss Smooth
				PSS Platinum Silver Smooth
				WHT White Matte Textured
				WHS White Gloss Smooth
				VGT Verde Green Textured
				Color Option
				CC Custom Color

Notes:
1. 26" only
2. To rotate optics left or right 90 degrees, specify L or R after the optical distribution example: 4L
3. Not available with other control or sensor options
4. When ordering Energeni, specify the routine setting code (Example GENI-04). See Energeni brochure and Energeni instructions for setting table and options. Not available with sensor options
5. Specify time delay; dimming level and mounting height
6. This product is approved by the Florida Fish and Wildlife Conservation Commission. Separate spec available on our website.
7. Only available on 24L and 36L configurations

GN1LED13YRSTA

13 & 26 Watt Straight Shade LED Gooseneck Luminaire designed to match the architecture of Main Street storefronts and building perimeters. LED Gooseneck Straight Shade with 24" Goose Arm Style 1.

Color: Bronze Weight: 14.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	13W
120V	0.3A	Color Temp	3000K (Warm)
208V	0.3A	Color Accuracy	87 CRI
240V	0.3A	L70 Lifespan	100,000 Hours
277V	0.15A	Lumens	514 lm
Input Watts	15.6W	Efficacy	32.9 lm/W

Technical Specifications

Compliance

UL Listed: Suitable for wet locations. Suitable for mounting within 1.2m (4ft) of the ground.

IESNA LM-79 & LM-80 Testing: RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

Performance

Lifespan: 100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Wattage Equivalency: Equivalent to 75W Incandescent, 50W Metal Halide or 18W CFL

Construction

Fixture: The GN1LED13YRSTA comes with the GOOSE1A Arm

Housing: Precision die-cast aluminum housing, lens frame and mounting plate

Gaskets: High-temperature Silicone

Mounting: Heavy-duty mounting arm with "O" ring seal and stainless steel screw

Cold Weather Starting: The minimum starting temperature is -40°C (-40°F)

Shades: 15" Straight Shade offered

Finish: Formulated for high durability and long-lasting color

Green Technology: Mercury and UV free. RoHS-compliant components.

LED Characteristics

LED: Single multi-chip, 13W high-output, long-life LED

Color Stability: LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

Technical Specifications (continued)

LED Characteristics

Color Uniformity: RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Electrical

Driver: Constant Current, Class 2, 100-277V, 50/60 Hz, 100-240VAC 0.3 - 0.15A, 277VAC 0.15A, THD ≤20%, PF 97.5%.

Surge Protection: 4kV

Other

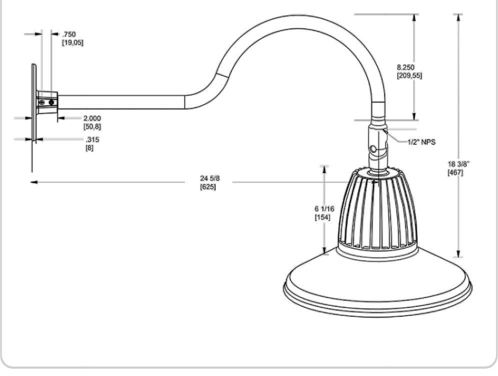
Patents: The design of the Gooseneck is protected by patents pending in US, Canada, China and Taiwan

Warranty: RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lead Time: 12 - 14 weeks standard shipping.

Buy American Act Compliance: RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

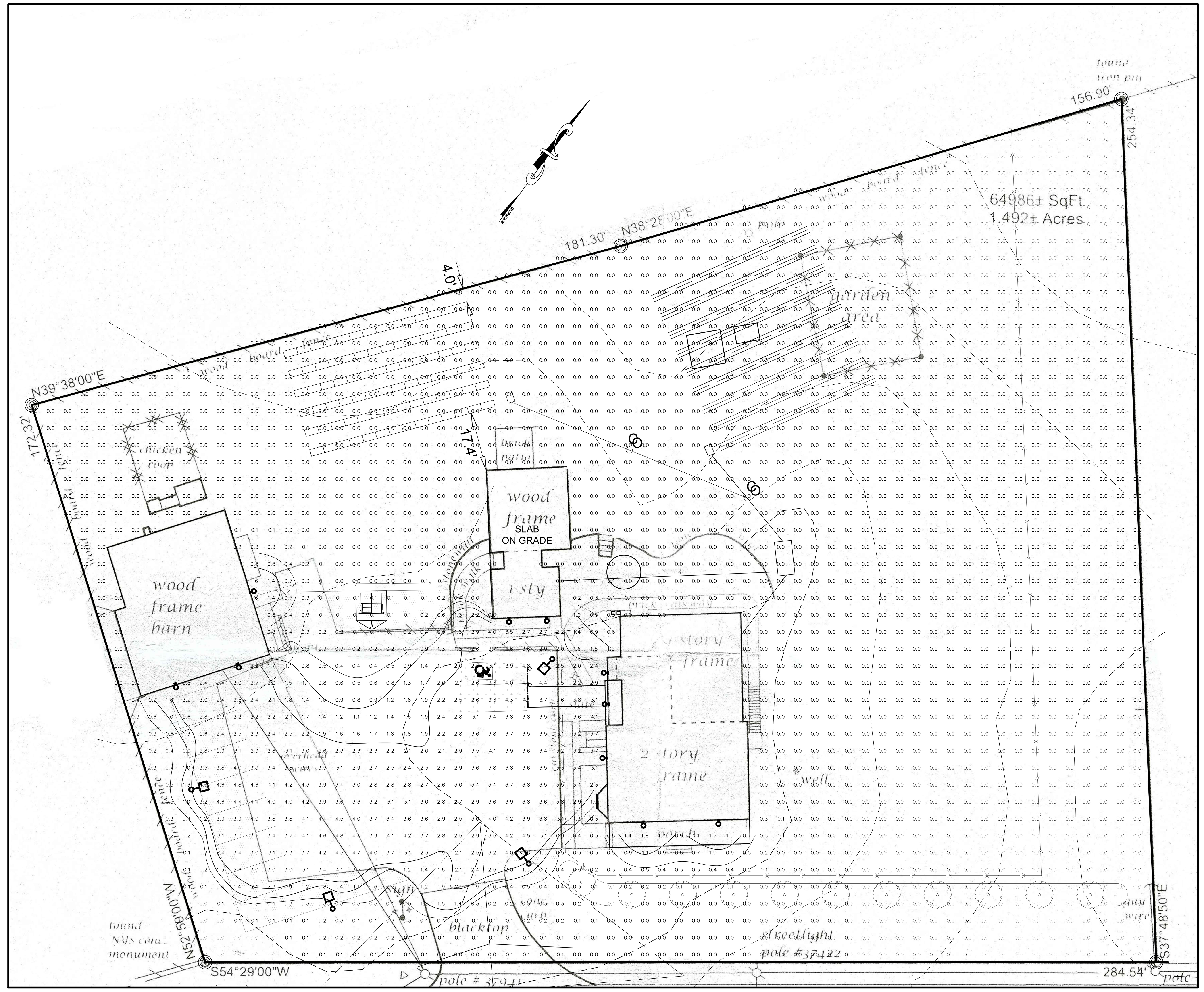
Dimensions



Features
- Adjustable 45° swivel joint
- Superior heat sink
- Die-cast aluminum housing
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Wattage	Color Temp	Reflector	Shade	ShadeSize	Finish
GN1LED	13	Y	R	ST		A
	13 = 13W 26 = 26W	Y = 3000K Warm N = 4000K Neutral	Blank = Flood R = Rectangular S = Spot	ST = Straight Shade	11 = 11" Blank = 15"	B = Black W = White A = Bronze S = Silver G = Hunter Green YL = Yellow LB = Light Blue BL = Royal Blue BWN = Brown I = Ivory R = Red



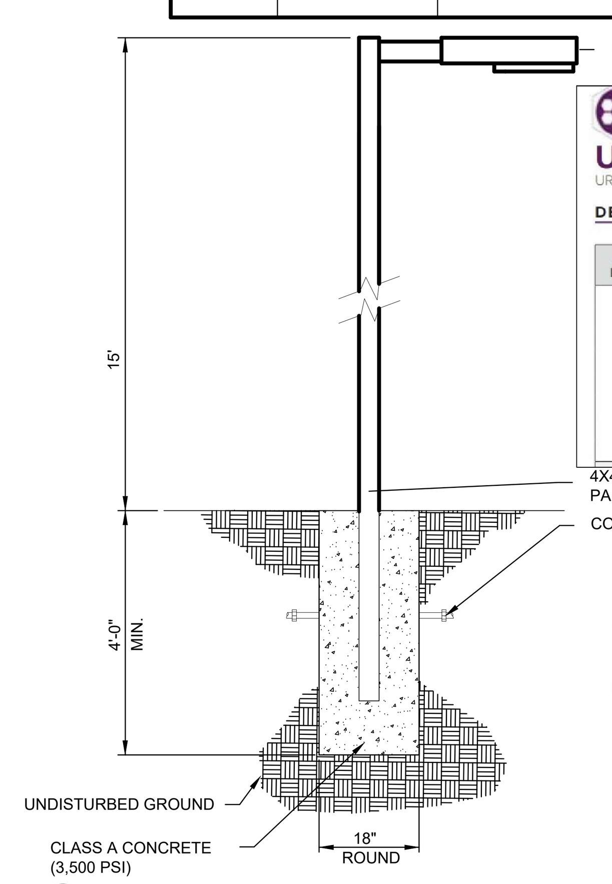
1 PHOTOMETRIC PLAN
1" = 20'

GENERAL PHOTOMETRIC SCHEDULE

AVERAGE FOOT-CANDLES	0.44
MAXIMUM FOOT-CANDLES	4.8
MINIMUM FOOT-CANDLES	0.0
MINIMUM TO MAXIMUM FC RATIO	0.00
MAXIMUM TO MINIMUM FC RATIO	4.85 / 0.00
AVERAGE TO MINIMUM FC RATIO	0.44 / 0.00

LUMINAIRE SCHEDULE

CALLOUT	SYMBOL	DESCRIPTION	MODEL	MOUNTING	QUANTITY
Pole Mount		URBAN SERIES BY BEACON LIGHITNG	URB-XXXX-21-24L-55-3K7-4-U	15' WOOD POLE	4
Wall Mount		DECORATIVE GOOSNECK BY RAB LIGHTING	GNLED13YSTB /FLOOD REF/FROSTED LENS	12' HIGH WALL	10



BEACON design . performance . technology

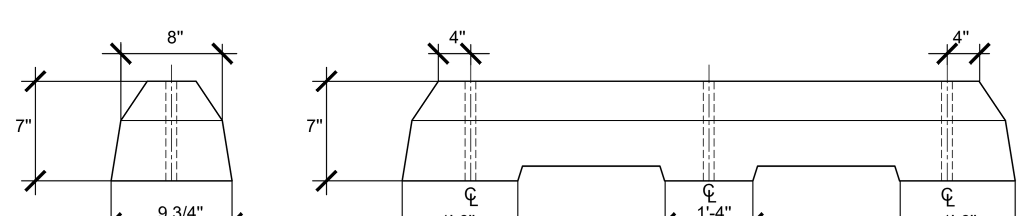
URBAN SERIES
URBAN LUMINAIRE

DELIVERED LUMENS

# of LEDs	DRIVE CURRENT (mA)	SYSTEM WATTS	DISTRIBUTION TYPE	5K (5000K nominal, 70 CRI) LUMENS	LPW	B	U	G	4K (4000K nominal, 70 CRI) LUMENS	LPW	B	U	G	3K (3000K nominal, 70 CRI) LUMENS	LPW	B	U	G
24	350mA	27W	FR	3871	138	1	0	0	3990	143	1	0	0	3667	131	0	0	0
			2	3750	134	2	0	0	3838	137	1	0	1	3528	126	1	0	1
			3	3638	130	1	0	1	3750	134	1	0	1	3446	123	1	0	1
			4	3680	131	0	0	1	3794	135	0	0	1	3486	129	0	0	1
			4W	3612	129	1	0	1	3723	133	1	0	1	3422	122	1	0	1
			5QM	3750	134	2	0	0	3866	138	2	0	0	3553	127	2	0	0
			5R	3763	134	2	0	2	3879	139	2	0	2	3565	127	2	0	2
			5W	3556	127	2	0	1	3666	131	3	0	1	3369	120	2	0	1

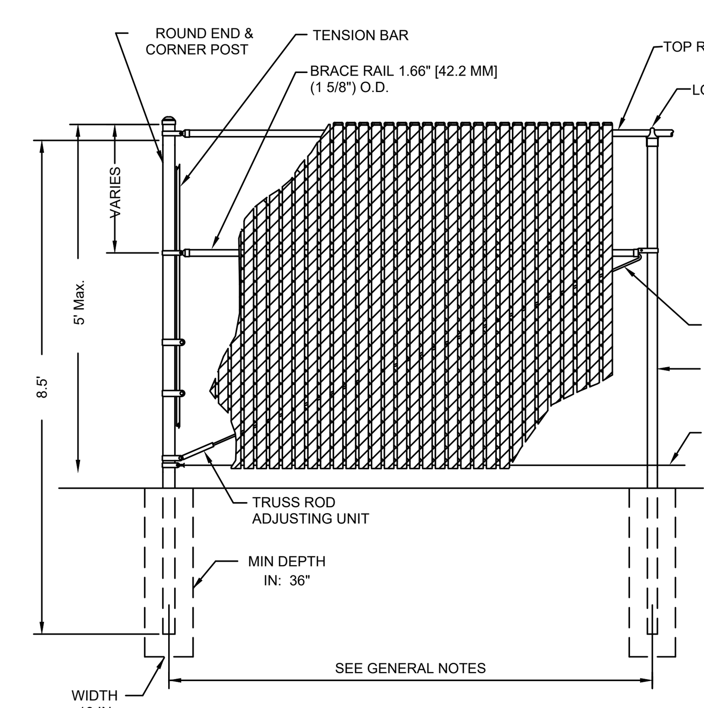
NOTES
1. 4 x 4 LIGHT POLE TO BE PRESSURE TREATED.
2. FINAL HEIGHT OF THE LIGHT POLE SHALL BE NO MORE 15 FEET FROM THE FINISHED GRADE.
3. POLE TO BE PAINTED WHITE MATCHING EXISTING LIGHT POLES.

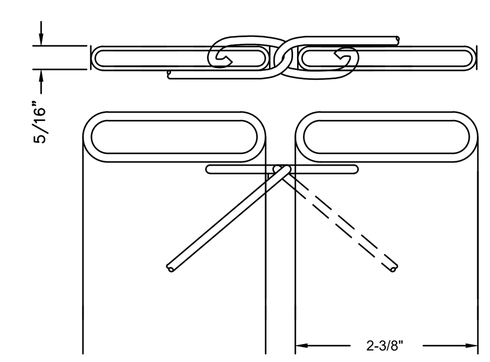
2 FREE STANDING LIGHT POLE DETAIL
NOT TO SCALE



PRECAST REINFORCED CONCRETE BUMPER BLOCKS FOR PARKING LOTS ARE 8 FOOT IN LENGTH. EACH BLOCK SHALL BE PROVIDED THREE 3/4" BY 15" EXPOXY COATED ANCHORING PINS FOR SECURING PURPOSES.

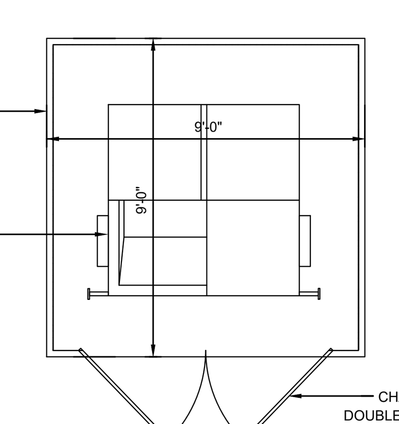
3 BUMPER BLOCK DETAIL
NOT TO SCALE





TYPICAL PVC SLAT RETENTION DETAIL

GENERAL NOTES:
1. BRACE RAILS SHOULD BE USED THROUGHOUT
2. STANDARD FABRIC IS 9 GA. WITH 1.2 OZ. GBW COATING.



PLAN VIEW

NOTES:
1. PVC SLATS TO BE GREEN
2. SPECIFICATIONS SHOWN CAN BE CHANGED BY THE MANUFACTURER ONLY.
3. FOOTING WIDTH TO BE 18" IN WIDTH, 3,500 PSI CONCRETE.

4 DUMPSTER ENCLOSURE DETAIL
NOT TO SCALE

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OWNER CONSENT

THE UNDERSIGNED OWNER(S) OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

OWNER DATE

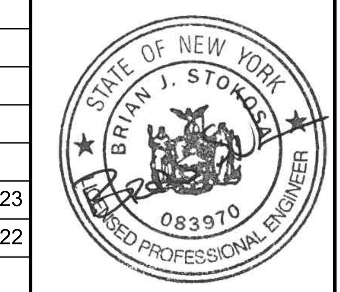
TOWN OF WAPPINGERS PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGERS FALLS, NEW YORK ON THE ______________ DAY OF ______________, 2023 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGERS FALLS PLANNING BOARD

SIGNED THIS____________ DAY OF ____________________________, 2023

TOWN OF WAPPINGER PLANNING BOARD CHAIR

Brian J. Stokosa, PE



JANUARY 2, 2023
OCTOBER 24, 2022
Revisions

Project No. 2022.385 License No. 083970

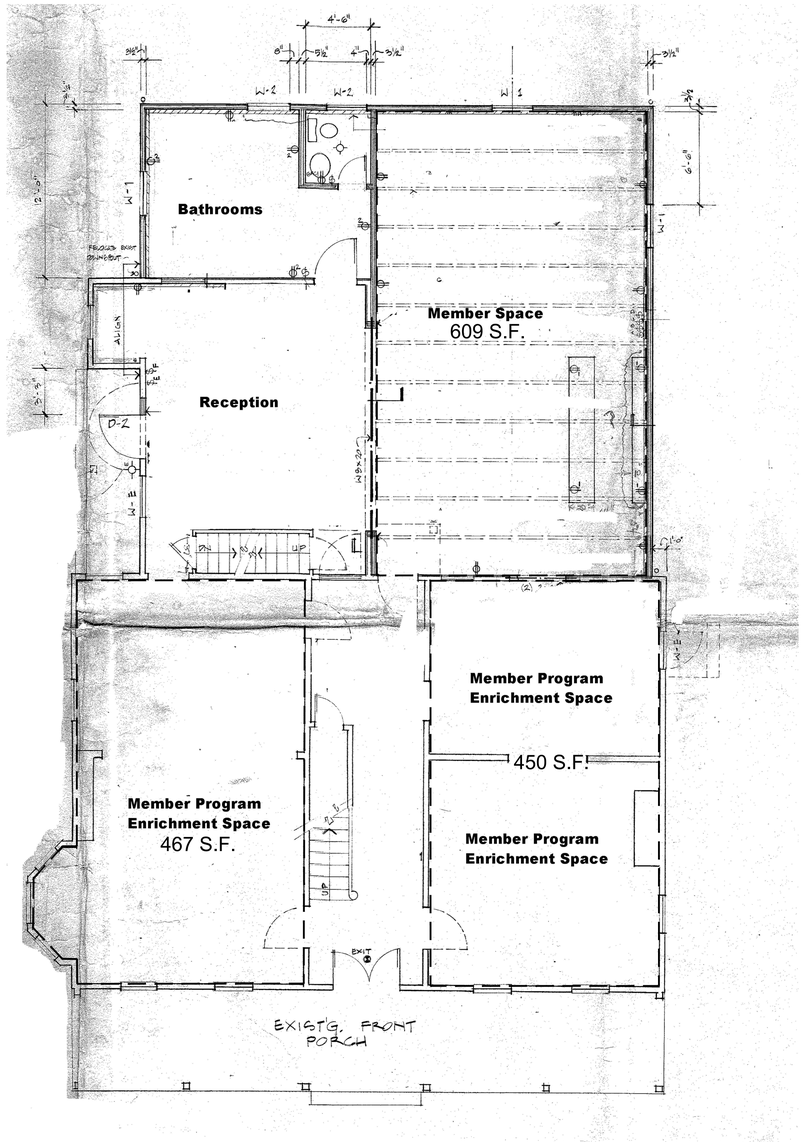
DAY | STOKOSA
ENGINEERING P.C.

3 Van Wyck
Wappingers Falls, New York
(845)-223-3202

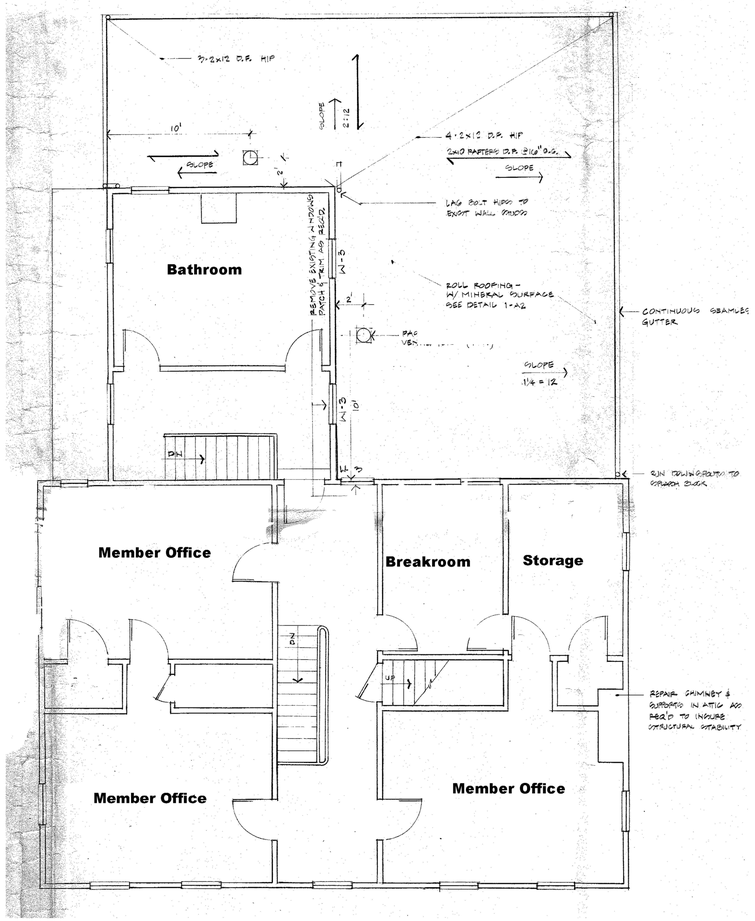
PROJECT
Amended Site Plan -
Children's Enrichment Project
Town of Wappinger Dutchess County, New York

DRAWING
Lighting Plan & Construction Details

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	3
DATE 9-23-22	CHECKED BY BJS	3 of 6



1 FIRST FLOOR ROOM DESIGNATION
SCALE: 1' = 5'



2 SECOND FLOOR ROOM DESIGNATION
SCALE: 1' = 5'

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	Brian J. Stokosa, PE
JANUARY 2, 2023	
OCTOBER 24, 2022	
Revisions	
Project No. 2022.385	License No. 083970

OWNER CONSENT

THE UNDERSIGNED OWNER(S) OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

OWNER _____ DATE _____

TOWN OF WAPPINGERS PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGERS FALLS, NEW YORK ON THE _____ DAY OF_____ _____, 2019 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGERS FALLS PLANNING BOARD

SIGNED THIS_____ DAY OF _____, 2020

TOWN OF WAPPINGER PLANNING BOARD CHAIR

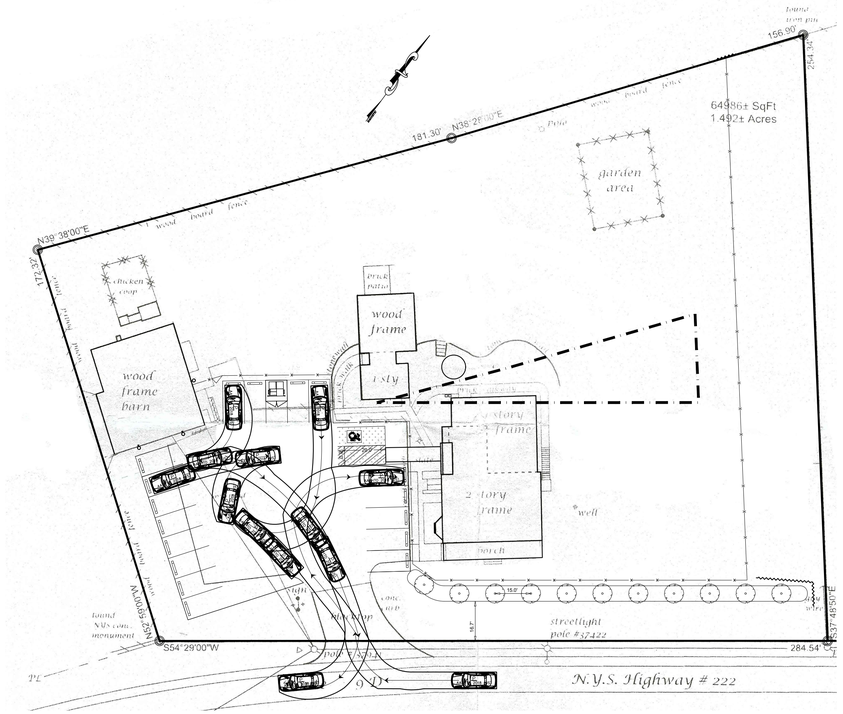
DAY | STOKOSA
ENGINEERING P.C.

3 Van Wyck
Wappingers Falls, New York
(845)-223-3202

PROJECT
Amended Site Plan -
Children's Enrichment Project
Town of Wappinger — Dutchess County, New York

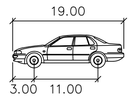
DRAWING
Floor Plan

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	4
DATE 9-23-22	CHECKED BY BJS	4 of 6



VEHICLE TURNING PATH - CAR

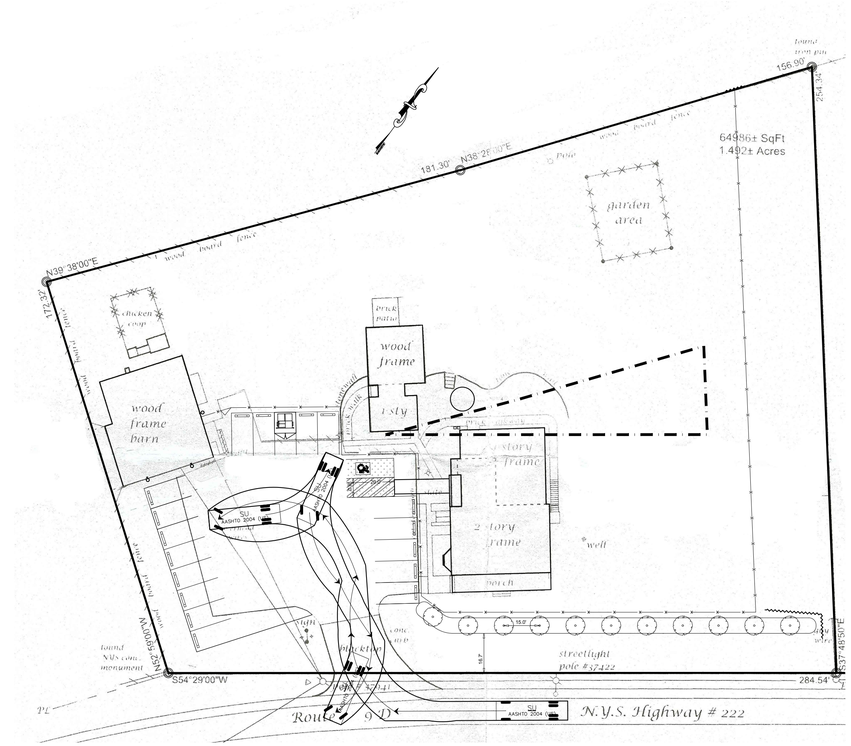
SCALE: 1" = 30'



P

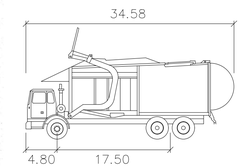
	feet
Width	: 7.00
Track	: 6.00
Lock to Lock Time	: 6.0
Steering Angle	: 31.6

VEHICLE TURNING TEMPLATE



VEHICLE TURNING PATH - GARBAGE TRUCK

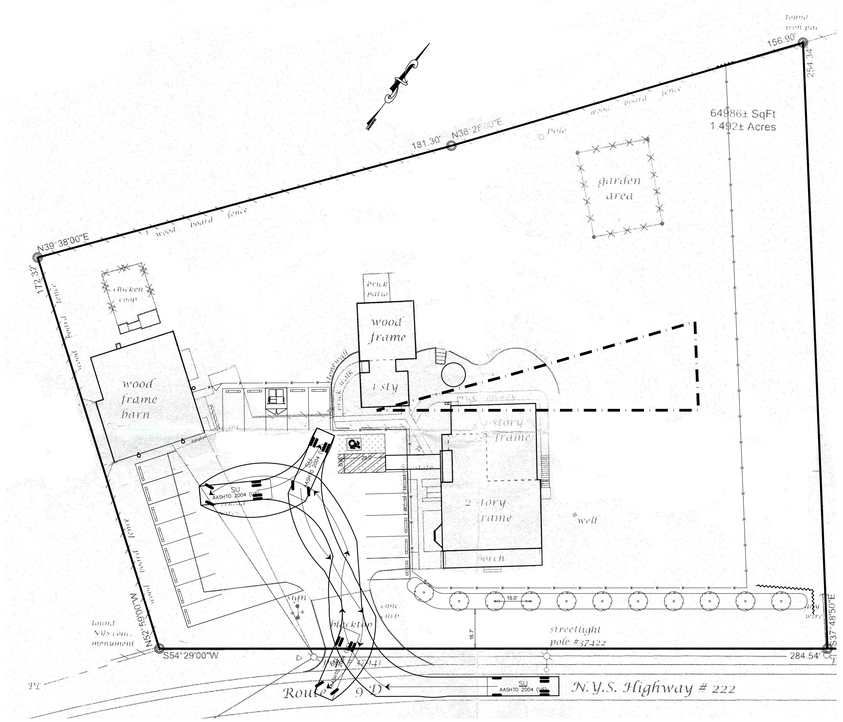
SCALE: 1" = 30'



Garbage–Front–Loader

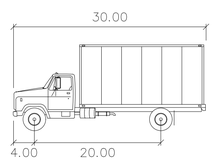
	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 27.4

VEHICLE TURNING TEMPLATE



VEHICLE TURNING PATH - BOX TRUCK

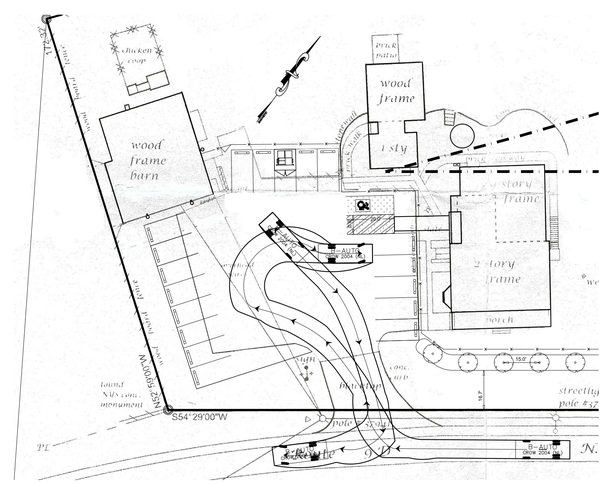
SCALE: 1" = 30'



SU

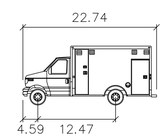
	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 31.8

VEHICLE TURNING TEMPLATE



VEHICLE TURNING PATH - AMBULANCE

SCALE: 1" = 30'



B–AUTO

	feet
Width	: 7.71
Track	: 7.71
Lock to Lock Time	: 6.0
Steering Angle	: 47.8

VEHICLE TURNING TEMPLATE

OWNER CONSENT

THE UNDERSIGNED OWNER(S) OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

OWNER DATE

TOWN OF WAPPINGERS PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGERS FALLS, NEW YORK ON THE _____ DAY OF _____ _____, 2019 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGERS FALLS PLANNING BOARD

SIGNED THIS_____ DAY OF _____, 2020

TOWN OF WAPPINGER PLANNING BOARD CHAIR

IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW FOR ANY PERSONS TO ALTER THESE PLANS, SPECIFICATIONS, OR REPORTS IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR.

Brian J. Stokosa, PE

STATE OF NEW YORK · BRIAN J. STOKOSA · 083970 · LICENSED PROFESSIONAL ENGINEER

JANUARY 2, 2023
OCTOBER 24, 2022
Revisions

Project No. 2022.385
License No. 083970

DAY | STOKOSA
ENGINEERING P.C.

3 Van Wyck
Wappingers Falls, New York
(845)-223-3202

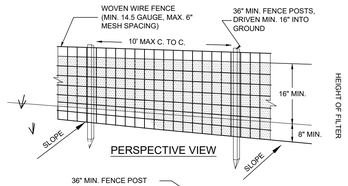
PROJECT

Amended Site Plan -
Children's Enrichment Project
Town of Wappinger — Dutchess County, New York

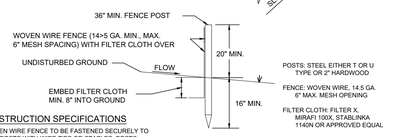
DRAWING

Vehicle Turning &
Construction Details

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	5
DATE 9-23-22	CHECKED BY BJS	5 of 6



PERSPECTIVE VIEW



SECTION

CONSTRUCTION SPECIFICATIONS

1) 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.

2) FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.

3) WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.

4) PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.

5) MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

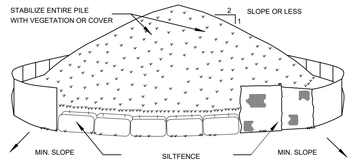
1. MAX. ALLOWABLE SLOPE LENGTHS CONTRIBUTING RUNOFF TO A SILT FENCE IN A SLOPE ARE:

SLOPE STEEPNESS	MAXIMUM LENGTH
2:1	25
3:1	50
4:1	75
5:1 OR FLATTER	100

2. MAX. DRAINAGE AREA FOR OVERLAND FLOW TO A SILT FENCE SHALL NOT EXCEED ¼ ACRE PER 100' OF FENCE, WITH MAXIMUM PONDING DEPTH OF 1.5' BEHIND THE FENCE.

SILT FENCING DETAIL

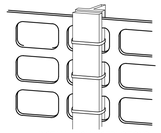
NOT TO SCALE



INSTALLATION NOTES

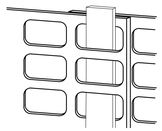
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION

TOPSOIL STOCKPILE DETAIL



INSTALLATION INSTRUCTIONS

1. T-POST SHOULD BE PLACED A MAXIMUM OF 10 FEET APART
2. VERTICAL STRAND OF FENCE SHOULD BE SANDWICHED BETWEEN FLAT SIDE OF T-POST AND 1"X2" WOOD SLAT
3. WIRE TIES OR PLASTIC CABLE TIES CAN THEN BE USED TO SECURE THE SLAT AND FENCE STRAND TO THE T-POST.



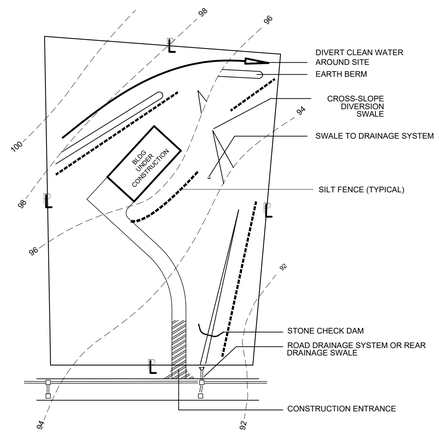
SPLICING INSTRUCTIONS

1. TO CONNECT FENCE SECTIONS, OVERLAP 2 STRAND SECTION FROM EACH END END WEAVE A 1"X2" SLAT THROUGH THE OVERLAPPED STRANDS
2. FENCE SHOULD BE TENSIONED BY HAND ONLY DO NOT USE MECHANICAL TENSIONERS.

ORANGE CONSTRUCTION FENCE DETAIL

STOCKPILE DETAILS

NOT TO SCALE



TYPICAL ESC PLAN

NOT TO SCALE

SEEDING NOTES:

1) EXPOSED SLOPES AND ALL GRADED AREAS SHALL BE SEEDED WITH THE FOLLOWING GRASS SEED MIX AS REQUIRED:

STEEP SLOPES (3:1)

TEMPORARY SEEDING -
SUMMER SEASON - GERMAN MILLET @ 40 LBS PER ACRE
WINTER SEASON - RYE GRAIN @ 120 LBS PER ACRE

PERMANENT SEEDING - SPRING/FALL
TALL FESCUE @ 100 LBS PER ACRE
KOBE LESPEDEZA @ 10 LBS PER ACRE
BAHIAGRASS @ 25 LBS PER ACRE
RYE GRAIN @ 40 LBS PER ACRE

4) GRASS SEED MIX MAY BE APPLIED BY EITHER MECHANICAL OR HYDROSEEDING METHODS. HYDROSEEDING SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITION OF N.Y. STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL.

5) SEEDED AREAS SHALL BE MULCHED AS REQUIRED:

MID-SUMMER, LATE FALL OR WINTER
APPLY AT A RATE OF 100 LBS/1,000 SQ.FT. GRAIN STRAW, COVER WITH NETTING AND STAPLE TO THE SLOPE.

SPRING OR EARLY FALL
APPLY AT A RATE OF 45 LBS/1,000 SQ.FT. WOOD FIBER IN A HYDRO SEEDER SLURRY.

EROSION AND SEDIMENT CONTROL MEASURES:

1. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE IN STRICT COMPLIANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL", AUGUST 2016.
2. DAMAGE TO SURFACE WATERS RESULTING FROM EROSION AND SEDIMENTATION SHALL BE MINIMIZED BY STABILIZING DISTURBED AREAS AND BY REMOVING SEDIMENT FROM CONSTRUCTION SITE DISCHARGES.
3. AS MUCH AS IS PRACTICAL, EXISTING VEGETATION SHALL BE PRESERVED. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES IN ANY PORTION OF THE SITE, PERMANENT VEGETATION SHALL BE ESTABLISHED ON ALL EXPOSED SOILS.
4. SITE PREPARATION ACTIVITIES SHALL BE PLANNED TO MINIMIZE THE SCOPE AND DURATION OF SOIL DISRUPTION.
5. PERMANENT TRAFFIC CORRIDORS SHALL BE ESTABLISHED AND "ROUTES OF CONVENIENCE" SHALL BE AVOIDED. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT ALL POINTS OF ENTRY ONTO THE PROJECT SITE.
6. SEEDED AREAS TO BE MULCHED WITH STRAW OR HAY MULCH IN ACCORDANCE WITH VEGETATIVE COVER SPECIFICATIONS.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE COURSE OF CONSTRUCTION.
8. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST BY SPRINKLING EXPOSED SOIL AREAS PERIODICALLY WITH WATER AS REQUIRED. THE CONTRACTOR IS TO SUPPLY ALL EQUIPMENT AND WATER. SCHEDULE CONSTRUCTION OPERATIONS TO MINIMIZE THE AMOUNT OF DISTURBED AREAS AT ANY ONE TIME DURING THE COURSE OF WORK. APPLY TEMPORARY SOIL STABILIZATION PRACTICES SUCH AS MULCHING, SEEDING, AND SPRAYING (WATER). STRUCTURAL MEASURES (MULCH, SEEDING) SHALL BE INSTALLED IN DISTURBED AREAS BEFORE SIGNIFICANT BLOWING PROBLEMS DEVELOP. WATER SHALL BE SPRAYED AS NEEDED, REPEAT AS NEEDED, BUT AVOID EXCESSIVE SPRAYING, WHICH COULD CREATE RUNOFF AND EROSION PROBLEMS
9. WHEN ALL DISTURBED AREAS ARE STABLE, ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED.

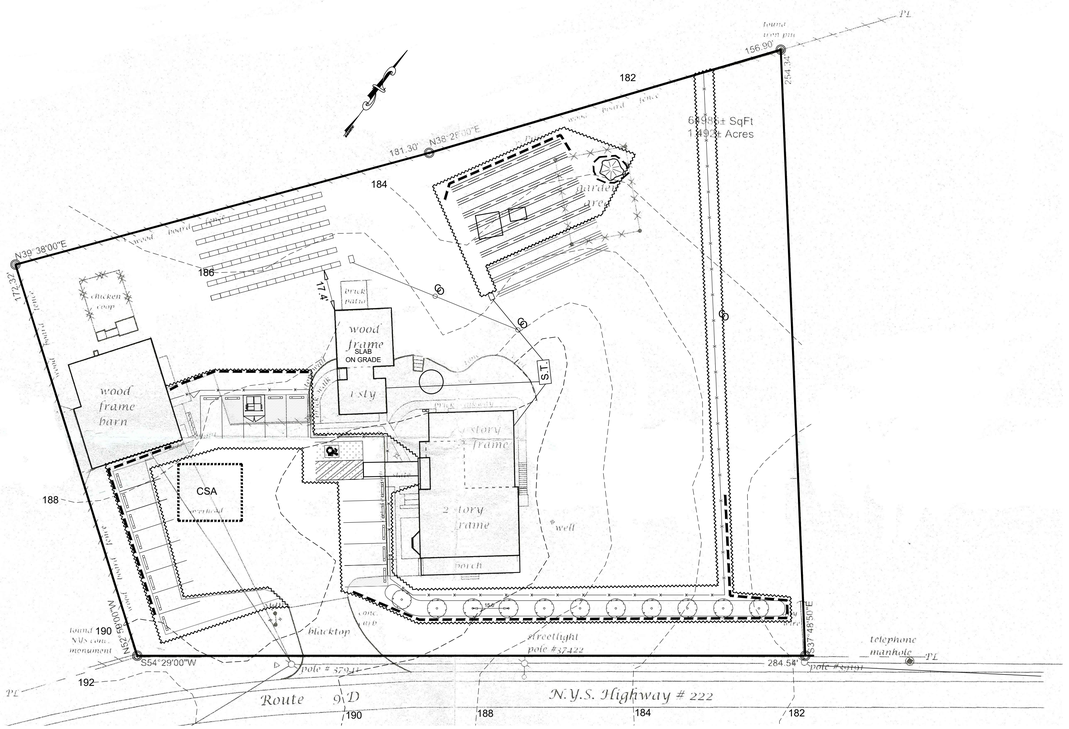
LANDGRADING SPECIFICATIONS

1. ALL GRADED OR DISTURBED AREAS INCLUDING SLOPES SHALL BE PROTECTED DURING CLEARING AND CONSTRUCTION IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN UNTIL THEY ARE PERMANENTLY STABILIZED.
2. ALL SEDIMENT CONTROL PRACTICES AND MEASURES SHALL BE CONSTRUCTED, APPLIED AND MAINTAINED IN ACCORDANCE WITH THE APPROVED SEDIMENT CONTROL PLAN AND THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
3. TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNT NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
4. AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
5. AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF FOUR INCHES PRIOR TO PLACEMENT OF TOPSOIL.
6. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
7. ALL FILL TO BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
8. EXCEPT FOR APPROVED LANDFILLS, FILL MATERIAL SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
9. FROZEN MATERIALS OR SOFT, MUCKY OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED IN FILLS.
10. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
11. ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
12. SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
13. ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
14. STOCKPILES, BORROW AREAS AND SPOIL AREAS SHALL BE SHOWN ON THE PLANS AND SHALL BE SUBJECT TO THE PROVISIONS OF THIS STANDARD AND SPECIFICATION.
15. ALL DISTURBED AREAS THAT WILL REMAIN PERVIOUS WILL BE REQUIRED TO MEET TABLE 5.3 SOIL RESTORATION REQUIREMENTS FOUND ON SHEET #8 OF THIS PLAN SET.

MAINTENANCE TABLE WITH RESPONSIBLE PARTIES:

IN ORDER FOR ANY PLAN TO OPERATE AS IT WAS ORIGINALLY INTENDED, IT MUST BE MAINTAINED PROPERLY. FOLLOWING THE COMPLETION OF CONSTRUCTION ACTIVITIES, THE PARCEL OWNER SHALL ASSUME RESPONSIBILITY FOR MAINTENANCE OF STRUCTURES AND SMP FACILITIES LOCATED WITHIN THE PARCEL BOUNDARIES. THE FOLLOWING MEASURES HAVE BEEN IMPLEMENTED IN THE OVERALL DESIGN.

EROSION SEDIMENT CONTROL MEASURE	RESPONSIBLE ENTITIY	INSPECTION FREQUENCY	MAINTENANCE REQUIRED
SILT FENCE	CONTRACTOR	MINIMUM WEEKLY AND AFTER STORM EVENTS	REPLACEMENT WHEN TORN OR OTHERWISE DAMAGED. MATERIAL REMOVED WHEN BULGING
CONSTRUCTION ENTRANCE	CONTRACTOR	MINIMUM WEEKLY AND AFTER STORM EVENTS	TOPDRESS STONE IF EVIDENCE OF TRACKING OUTSIDE CONSTRUCTION AREA. FULL REPLACEMENT IF TOPDRESSING NO LONGER EFFECTIVE
STONE CHECK DAM	CONTRACTOR	MINIMUM WEEKLY AND AFTER STORM EVENTS	RESHAPE AND/OR REPLACE STONE AS REQUIRED. REMOVE BUILT UP DEBRIS AND SEDIMENT



ESC PLAN

SCALE: 1" = 30'

SEDIMENT & EROSION PLAN LEGEND

- CSA — CONSTRUCTION STAGING AREA
- DISTURBANCE LIMITS
- PROPOSED SILT FENCING
- CHECK DAM LOCATION (FOLLOW DAM SPACING TABLE)
- TEMPORARY SOIL STOCKPILE WITH SILT FENCING EROSION CONTROL

OWNER CONSENT

THE UNDERSIGNED OWNER(S) OF THE PROPERTY HEREON STATE THAT THEY ARE FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

OWNER _____ DATE _____

TOWN OF WAPPINGERS PLANNING BOARD

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF WAPPINGERS FALLS, NEW YORK ON THE _____ DAY OF _____, 2019 SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL.
TOWN OF WAPPINGERS FALLS PLANNING BOARD

SIGNED THIS_____ DAY OF _____, 2020

TOWN OF WAPPINGER PLANNING BOARD CHAIR

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Brian J. Stokosa, PE
STATE OF NEW YORK · BRIAN J. STOKOSA · 083970 · LICENSED PROFESSIONAL ENGINEER
License No. 083970

Revisions	
JANUARY 2, 2023	
OCTOBER 24, 2022	
Project No. 2022.385	

DAY | STOKOSA ENGINEERING P.C.
3 Van Wyck
Wappingers Falls, New York
(845)-223-3202

PROJECT
Amended Site Plan - Children's Enrichment Project
Town of Wappinger — Dutchess County, New York

DRAWING
Erosion & Sediment Control

SCALE	DRAWN BY	DRAWING No.
AS NOTED	BJS	6
DATE 9-23-22	CHECKED BY BJS	6 of 6