

Agency
Landscape + Planning

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Cambridge, MA 02140
www.agencylp.com

DESIGN TEAM :

PLAYGROUND SAFETY & INCLUSION

ABUNDANT PLAYSCAPES

5051 Faye Drive SE
Iowa City, IA 52240
(319) 351-2738

PLAYGROUND AND ENGAGEMENT

INCLUSION

KANICS INCLUSIVE DESIGN

Swansboro, NC

**MECHANICAL, ELECTRICAL, &
PLUMBING ENGINEERING**

CES

811 Middle Street
Middletown, CT 06457
(860) 632-1682

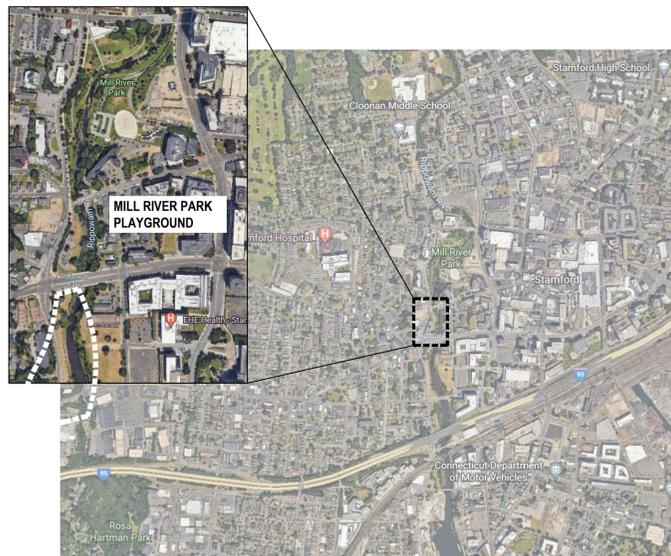
CIVIL & STRUCTURAL ENGINEERING

LANGAN ENGINEERING

Long Wharf Maritime Center
555 Long Wharf Drive
New Haven, CT 06511
(203) 562-5771

MILL RIVER PARK PLAYGROUND

STAMFORD, CT



**100% DESIGN DEVELOPMENT
ISSUED: MARCH 31, 2023**

SHEET LIST :

G-00	COVER SHEET
C00-00	EXISTING CONDITIONS PLAN
C01-00	DEMOLITION PLAN
C02-00	NOT USED
C03-00	EROSION CONTROL PLAN
C04-00	EROSION CONTROL DETAILS
C04-01	EROSION CONTROL DETAILS
C05-00	UTILITY & DRAINAGE PLAN
C06-00	UTILITY & DRAINAGE DETAILS
C06-01	UTILITY & DRAINAGE DETAILS
L01-00	SITE MATERIALS PLAN
L02-00	SITE GRADING PLAN
L03-00	PLANTING PLAN
L03-01	PLANT SCHEDULE
L04-00	SLOPE SECTIONS - SLIDE AND STONE SCRAMBLE
L04-01	SLOPE SECTIONS - PLAY SURFACING AND PLAY RINGS
L04-02	SLOPE SECTIONS - STAIRS AND HANDRAILS
L05-00	SITE DETAILS - PAVING
L05-01	SITE DETAILS - SEAT WALLS AND CURBS
L05-02	SITE DETAILS - FURNISHINGS
L05-03	SITE DETAILS - FURNISHINGS
L05-04	SITE DETAILS - PLAY EQUIPMENT
L06-00	PLANTING DETAILS
PE01-00	PLAY EQUIPMENT PLAN & ELEVATIONS - SENIOR
PE02-00	PLAY EQUIPMENT PLAN & ELEVATIONS - JUNIOR
PE03-00	PLAY EQUIPMENT DETAILS - FOOTINGS
E01-00	ELECTRICAL SITE PLAN
E02-00	ELECTRICAL DETAILS
P01-00	PLUMBING PLAN
P02-00	PLUMBING DETAILS

GENERAL NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES, AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR, PRIOR TO THE START OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES IN THE FIELD. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "CONNECTICUT 811" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST THE EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED, IN WRITING, OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTIONS TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
2. PROPERTY LINE, EXISTING UTILITY INFORMATION AND TOPOGRAPHY WERE TAKEN FROM THE SURVEY INFORMATION PROVIDED BY ROCCO V. D. ANDREA, INC. RECEIVED ON MARCH 23, 2009 WITH UPDATES RECEIVED JUNE 18, 2009 & OCTOBER 26, 2015. PROVIDED TO AGENCY BY MILL RIVER PARK COLLABORATIVE ON SEPTEMBER 27, 2022
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY PERMITS AND/OR CONNECTION FEES REQUIRED TO CARRY OUT THE WORK.
5. ALL SIGNAGE WILL BE PURCHASED BY OTHERS.
6. RESTROOMS AND TOPIARY FROG STRUCTURES SUPPLIED BY OTHERS.

3/31/23 10:48:48 AM G:\Shared Drives\Projects\2022\AG2227 - Mill River Park\02_Working\05_CAD\02_SheetFiles\02_Design_Development\00-00 COVER SHEET.dwg

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Owner

**Mill River Park
Collaborative**

Mill River Park Collaborative
1050 Washington Blvd
Stamford, CT 06901
(203) 989-0321

1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp

**DRAFT SD SET
NOT FOR CONSTRUCTION**

Project Title:

**Mill River Park
Playground**

Stamford, CT

Drawing Title:

GENERAL NOTES

Project No: AG 2227 Scale: N.T.S.
 Drawn By: KW
 Checked By: AF
 Approved By: KT
 Date: 03.31.2023

Drawing No:

GO-01

SITE DEMOLITION NOTES

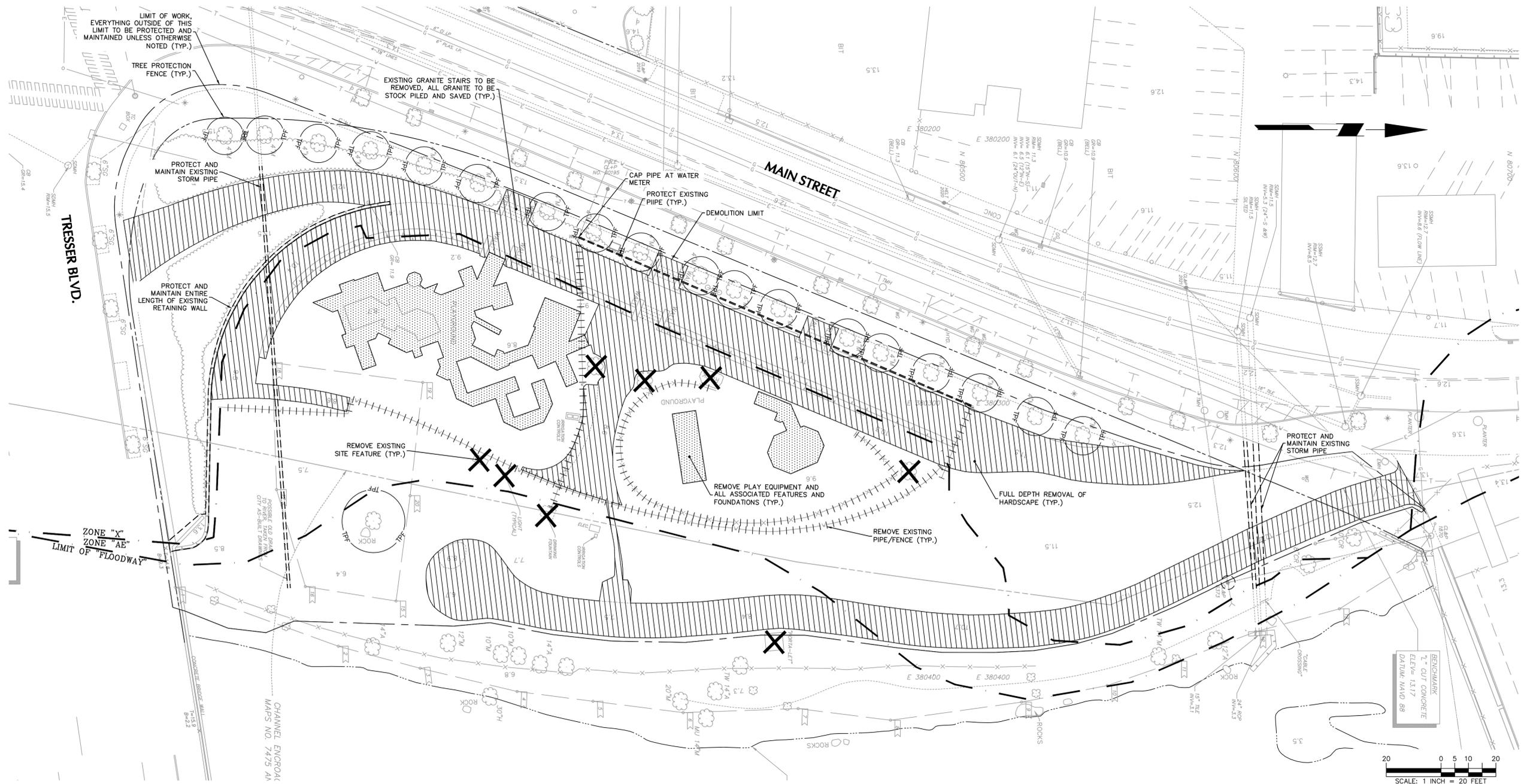
- THE CONTRACTOR SHALL INSPECT THE SITE THOROUGHLY AND FIELD-VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES. SOME UNDERGROUND UTILITIES MAY BE LOCATED DIFFERENTLY THAN SHOWN ON THIS PLAN. IN ADDITION, THERE MAY BE EXISTING UNDERGROUND UTILITIES PRESENT THAT ARE NOT SHOWN ON THIS PLAN. ALL CONTRACTORS USING THESE PLANS FOR DEMOLITION OR CONSTRUCTION SHALL CONFIRM ALL UTILITIES IN THE FIELD TO ESTABLISH LOCATIONS, SIZES, MATERIALS, AND ELEVATIONS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND THE CONSTRUCTION MANAGER.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING "CALL BEFORE YOU DIG" (811) PRIOR TO EXCAVATING THE HOLES, AND PERFORMING ANY ADDITIONAL RESEARCH OR INVESTIGATIONS REQUIRED IN ORDER TO ENSURE THAT PROPOSED UTILITIES TO REMAIN ARE PROTECTED FROM DAMAGE DURING DEMOLITION. ANY DAMAGE TO EXISTING UTILITIES TO REMAIN IS REQUIRED TO BE REPAIRED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY AND OBTAIN ALL SHUTOFFS FOR ALL APPLICABLE UTILITIES PRIOR TO THE COMMENCEMENT OF DEMOLITION.
- THE CONTRACTOR SHALL LOCATE/CONFIRM ALL DRAINAGE INFRASTRUCTURE AND MAINTAIN ADEQUATE STORM DRAINAGE THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL LOCATE/CONFIRM ALL SANITARY SEWER INFRASTRUCTURE AND MAINTAIN ADEQUATE SANITARY SEWER DRAINAGE THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR SHALL FIELD LOCATE AND PROPERLY DISCONNECT APPROPRIATE LATERALS TO LIVE MAINS PRIOR TO DEMOLITION AND IN ACCORDANCE WITH UTILITY COMPANY STANDARDS.
- THE CONTRACTOR SHALL MAINTAIN THE SAFETY AND PROTECTION OF BOTH PEDESTRIANS AND MOTORISTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TAKE ALL NECESSARY PRECAUTIONARY AND PROTECTIVE MEASURES, INCLUDING SIGNS, LIGHTS, BARRIERS, FENCING AND TRAFFIC FLAGMEN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DEMOLITION ASSOCIATED PERMITS.
- THE CONTRACTOR SHALL REMOVE AND LEGALLY DISPOSE OF ALL MATERIALS WITHIN THE PROJECT LIMITS UNLESS INDICATED TO REMAIN.
- THE CONTRACTOR SHALL INCLUDE IN THEIR BID ALL TEMPORARY FACILITIES AND SERVICES NECESSARY TO SATISFY FEDERAL, STATE & LOCAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO BRACING, SHORING, PAVEMENT REPAIR, FENCING, PEDESTRIAN AND VEHICLE ACCESS, CONCRETE PADS, ETC.
- THE CONTRACTOR SHALL PROVIDE PERIMETER FENCING AND OTHER SECURITY MEASURES AS REQUIRED BY THE OWNER.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN ACCESS AS REQUIRED BY THE OWNER.

GENERAL NOTES

- BOUNDARY AND TOPOGRAPHIC INFORMATION RECEIVED ELECTRONICALLY, OCTOBER 12, 2022.
- THE SITE IS LOCATED IN ZONE X, AN AREA OF MINIMAL FLOOD HAZARD PER FIRM MAP 09001C0516S, EFFECTIVE JULY 8, 2013.
- PROPOSED WORK IS BASED OFF OF PLANS RECEIVED ELECTRONICALLY FROM AGENCY L+P, DATED MARCH 20, 2023.

LEGEND

	PROPOSED
PROPERTY LINE	---
LIMIT OF WORK	---
FLOODWAY/FLOODPLAIN LIMIT	---
EDGE OF RIVER	---
FULL DEPTH REMOVAL OF HARDSCAPE	▨
REMOVE EXISTING PLAY GROUND EQUIPMENT AND FOUNDATIONS	▨
REMOVE PIPE/FENCE	---
REMOVE SITE FEATURE	X
PROTECT AND MAINTAIN FEATURE	---
TREE PROTECTION FENCING	--- TPF --- TPF



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1	100% SCHEMATIC DESIGN	1.13.2023
2	100% DESIGN DEVELOPMENT	3.31.2023

DWG ISSUE & REVISION HISTORY

STAMP
DRAFT DD SET NOT FOR CONSTRUCTION

Project Title:
Mill River Park Playground
Stamford, CT

DEMOLITION PLAN

Project No: AG 2227 Scale: 1" = 20' - 0"
Drawn By: EP
Checked By: KG
Approved By: KG
Date: 03-31-2023

Drawing No: **C01-00**

SOIL EROSION-SEDIMENT CONTROL NOTES

PROPOSED DEVELOPMENT

- CONSTRUCTION WILL INCLUDE EARTHWORK, CURBING, PAVING, UTILITY INSTALLATION, LANDSCAPING AND BUILDING CONSTRUCTION. ALL DEMOLITION DEBRIS AND SOIL REMOVAL RELATED TO CONSTRUCTION SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAWS GOVERNING SUCH ACTIVITIES.
- THE DETAILED EROSION AND SEDIMENT CONTROL MEASURES ARE SHOWN ON DRAWING C6101. THE PROPOSED MEASURES HAVE BEEN DESIGNED TO PREVENT THE MIGRATION OF SOIL SEDIMENT FROM THE SITE.

SOIL EROSION AND SEDIMENT CONTROL NOTES

- THE SOIL AND SEDIMENT CONTROL PRACTICES MUST BE INSTALLED IN ACCORDANCE WITH THE LOCAL GOVERNING AUTHORITY, THE CONNECTICUT EROSION AND SEDIMENT CONTROL GUIDELINES AND THE CONNECTICUT STORMWATER STANDARDS
- EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF DEMOLITION AND CONSTRUCTION AND DISTURBANCE OF SITE CONTRIBUTORY DRAINAGE AREAS. THE OWNER OR ITS CONTRACTOR SHALL INSPECT, REPAIR AND REMOVE ALL SEDIMENT AND EROSION CONTROL DEVICES, AS INDICATED HEREIN. ALL EARTH CHANGES SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED IN SUCH A MANNER SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST POSSIBLE PERIOD OF TIME.
- DISPOSAL OF COLLECTED SEDIMENT SHALL BE MADE TO AREA DESIGNATED BY THE OWNER'S SOIL ENGINEER.
- FILTER FABRIC/SILT FENCE WILL BE INSTALLED ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
- ALL TOPSOIL NOT TO BE USED FOR FINAL GRADING/LANDSCAPED AREAS SHALL BE REMOVED FROM THE SITE IMMEDIATELY, IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW. ALL TOPSOIL TO BE USED IN LANDSCAPED AREAS SHALL BE STORED/STOCKPILED IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL LAW STANDARDS.
- ALL AREAS WITHIN 500 FEET OF AN INHABITED DWELLING SHALL BE WETTED AS NECESSARY TO PROVIDE DUST CONTROL.
- PAVEMENT BASE COURSE MUST BE PLACED IN ALL NEW ROADWAY AREAS UPON COMPLETION OF FINE GRADING.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL PAVED ROADWAYS, ON AND OFF-SITE, WHICH MUST BE KEPT FREE OF SITE GENERATED SEDIMENT AT ALL TIMES. DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHOD.
- ALL STORM DRAINAGE OUTLETS MUST BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
- SILT FENCES AND BARRIERS MUST BE CLEANED OR REPLACED PERIODICALLY TO REMOVE BUILT-UP SILT.
- SEDIMENT TRAPS MUST BE CLEANED WHEN CAPACITY HAS BEEN REDUCED BY AN AVERAGE OF 2"-0" OVER ITS TOTAL AREA OR TO 70% OF ITS DESIGN VOLUMES, WHICHEVER OCCURS FIRST.
- ALL EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSPECTED ON A DAILY BASIS AND CLEANED IMMEDIATELY AFTER EACH STORM.
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED FOR THE CONVEYANCE OF WATER AROUND, THROUGH, OR FROM THE EARTH CHANGE AREA SHALL BE DESIGNED TO LIMIT THE WATER FLOW TO A NON-EROSIVE VELOCITY.
- THE CONTRACTOR SHALL CORRECT ANY OMISSIONS, ERRORS, OR FIELD OPERATIONS IMMEDIATELY AND IN ACCORDANCE WITH THE GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
- ANY CONVEYANCE OF THIS PROJECT PRIOR TO ITS COMPLETION WILL TRANSFER FULL RESPONSIBILITY FOR COMPLIANCE

WITH THE CERTIFIED PLAN TO ANY SUBSEQUENT OWNERS.

- SOIL EROSION AND SEDIMENT CONTROLS MUST BE INSPECTED BY THE ZONING ENFORCEMENT OFFICER BEFORE WORK MAY COMMENCE.
- THE PROPERTY OWNER AND/OR HIS/HER AGENTS MUST MAINTAIN (REPAIR/REPLACE), WHEN NECESSARY, THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

TEMPORARY STABILIZATION

SEDIMENT DISPOSAL AREAS AND TOPSOIL STOCKPILES NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN THIRTY (30) DAYS OF DISTURBANCE SHALL BE STABILIZED AS FOLLOWS:

- SOIL AMENDMENTS AS NECESSARY.
- ANNUAL RYE GRASS SEEDING APPLIED AT A RATE OF NOT LESS THAN 1 LB. PER 1,000 SF.
- MULCH ALL NEWLY SEEDED AREAS WITHIN 80 LBS. OF SALT HAY OR SMALL GRAIN STRAW PER 1,000 SF.
- WHEN DISTURBED AREAS ARE SCHEDULED FOR IMMEDIATE LANDSCAPING THEY MAY BE MULCHED AND SEEDED PER ITEM C ABOVE.

PERMANENT STABILIZATION

REFER TO PLANTING PLANS & DETAILS FOR PERMANENT STABILIZATION METHODS + PROPOSED SEED MIXES.

- PERMANENT VEGETATION IS TO BE SEEDED OR SODDED ON ALL DISTURBED LAND AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADING. MULCH AS NECESSARY FOR SEED PROTECTION AND ESTABLISHMENT. AMEND SOIL AS NEEDED PRIOR TO PERMANENT SEEDING. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER COMPLETION OF AN EARTH CHANGE OR WHEN SIGNIFICANT EARTH CHANGE ACTIVITY CEASES, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED. ALL DISTURBED AREAS, STOCKPILES OF FILL OR EXCAVATED MATERIAL SHALL BE STABILIZED IN SUCH A MANNER AS NOT TO CAUSE UNREASONABLE HAZARD TO PERSONS OR PROPERTY.
- MATERIALS SPECIFICATION: LAWN + MEADOW AREAS
 - ANY SOIL HAVING A pH OF FOUR OR LESS CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE INCHES OF SOIL HAVING A pH OF FIVE OR MORE PRIOR TO SEED BED PREPARATION.
- MULCHING SHALL BE DONE AT THE RATE OF SEVENTY TO NINETY POUNDS (70-90 LBS) PER 1,000 SQUARE FEET WITH UNROTTED SALT HAY.
- LIQUID MULCH BINDERS MUST BE USED TO ANCHOR SALT HAY, HAY OR STRAY MULCHES.
 - APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH IN VALLEYS AND AT CREATED BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
 - USE ONE OF THE FOLLOWING: SYNTHETIC OR ORGANIC BINDERS, BINDERS SUCH AS CURASOL DCA-70, PETRO SET, TERRA TACH, HYDRO MULCH AND AEROSPRAY MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER OF ANCHOR MULCH MATERIALS. BINDERS CONTAINING PETROLEUM PRODUCTS SHALL NOT BE USED.

NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE TO THE EXCLUSION OF OTHER PRODUCTS.

- FILL MATERIAL SHALL BE FREE FROM DEBRIS, PERISHABLE OR COMBUSTIBLE MATERIAL AND FROZEN OR WET EARTH OR STONES LARGER THAN THREE INCHES IN MAXIMUM DIMENSION.
- CONSTRUCTION AREAS SHALL BE PERIODICALLY SPRAYED WITH WATER UNTIL THE SURFACE IS WET TO CONTROL THE GENERATION OF DUST.
- ALL REVISIONS AFTER APPROVAL HAS BEEN GRANTED SHALL BE FORWARDED TO THE APPROPRIATE DISTRICT FOR REVIEW.
- THE LOCAL GOVERNING AUTHORITY SHALL RECEIVE WRITTEN NOTIFICATION SEVENTY TWO HOURS BEFORE THE START OF ANY CONSTRUCTION.
- SEEDBED PREPARATION:
 - TOPSOIL SHOULD BE A MINIMUM OF SIX INCHES DEEP (LIGHTLY COMPACTED) BEFORE SEEDING.
 - TOPSOIL SHALL BE TESTED PRIOR TO SEEDING.
 - WORK SOIL AMENDMENTS INTO SOIL AS NECESSARY AS NEARLY AS PRACTICAL TO A DEPTH OF FOUR INCHES WITH A DISC, SPRINGTOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE ALL CLAY OR SILTY SOIL AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEED BED WHEREVER FEASIBLE.
 - REMOVE FROM THE SURFACE ALL STONES ONE INCH OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.
 - INSPECT SEED BED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT SOIL COMPACT, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.

CONTINGENCY SOIL EROSION AND SEDIMENT CONTROL NARRATIVE

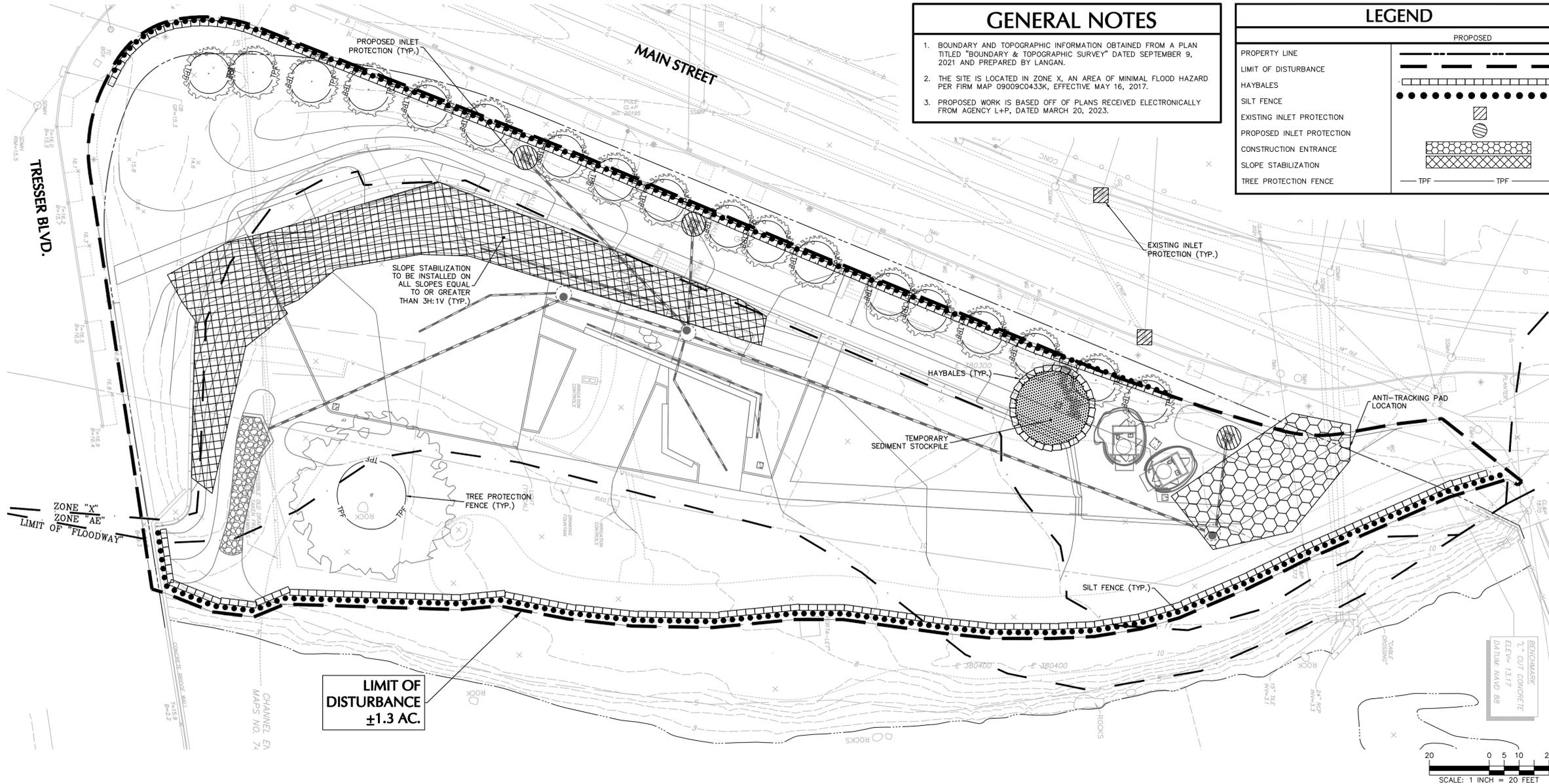
- THE GENERAL CONTRACTOR WILL DESIGNATE PERSONNEL FOR 24 HOUR EMERGENCY RESPONSE IN THE EVENT OF SEVERE WEATHER AND INCREASED POTENTIAL FOR SEVERE EROSION.
- THE GENERAL CONTRACTOR IS REQUIRED TO MAINTAIN ON SITE OR HAVE THE ABILITY TO RETRIEVE WITHIN 12 HOURS THE FOLLOWING MATERIALS IN THE EVENT THAT THERE ARE DEFICIENCIES IN THE SESC MEASURES:
 - 25% OF THE INSTALLED LENGTH OF SILT FENCE
 - EQUIVALENT TONNAGE OF STONE FOR STABILIZATION OF 2 STABILIZATION ENTRANCES. STONE COULD BE USED FOR SLOPE REPAIRS, ENERGY DISSIPATER ENHANCEMENTS, ETC.
 - HEAVY EQUIPMENT CAPABLE OF TRENCHING/EXCAVATING LARGE AREAS TO DIVERT AND CONTROL RUNOFF IN A CONTROLLED MANNER.
 - HAVE DESIGNATED A HYDRO-SEED CONTRACTOR CAPABLE OF RESPONDING TO THE SITE WITHIN 12 HOURS
- ANY STUMP GRINDINGS OR WOOD CHIPS GENERATED ON-SITE SHOULD BE RETAINED FOR USE TO BACK UP SILT FENCES.

GENERAL NOTES

- BOUNDARY AND TOPOGRAPHIC INFORMATION OBTAINED FROM A PLAN TITLED "BOUNDARY & TOPOGRAPHIC SURVEY" DATED SEPTEMBER 9, 2021 AND PREPARED BY LANGAN.
- THE SITE IS LOCATED IN ZONE X, AN AREA OF MINIMAL FLOOD HAZARD PER FIRM MAP 09009C0433K, EFFECTIVE MAY 16, 2017.
- PROPOSED WORK IS BASED OFF OF PLANS RECEIVED ELECTRONICALLY FROM AGENCY L+P, DATED MARCH 20, 2023.

LEGEND

	PROPOSED
PROPERTY LINE	---
LIMIT OF DISTURBANCE	---
HAYBALES	▨
SILT FENCE	●●●●●●●●●●
EXISTING INLET PROTECTION	▨
PROPOSED INLET PROTECTION	▨
CONSTRUCTION ENTRANCE	▨
SLOPE STABILIZATION	▨
TREE PROTECTION FENCE	▨



LIMIT OF DISTURBANCE ±1.3 AC.

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NO.	DESCRIPTION	DATE
1	100% SCHEMATIC DESIGN	1.13.2023
2	100% DESIGN DEVELOPMENT	3.31.2023

DWG ISSUE & REVISION HISTORY

STAMP

**DRAFT DD SET
NOT FOR CONSTRUCTION**

Project Title:
**Mill River Park
Playground**
Stamford, CT

Drawing Title:
**EROSION
CONTROL PLAN**

Project No: AG 2227 Scale: 1" = 20' - 0"
Drawn By: EP
Checked By: KG
Approved By: KG
Date: 03-31-2023

Drawing No: **C03-00**

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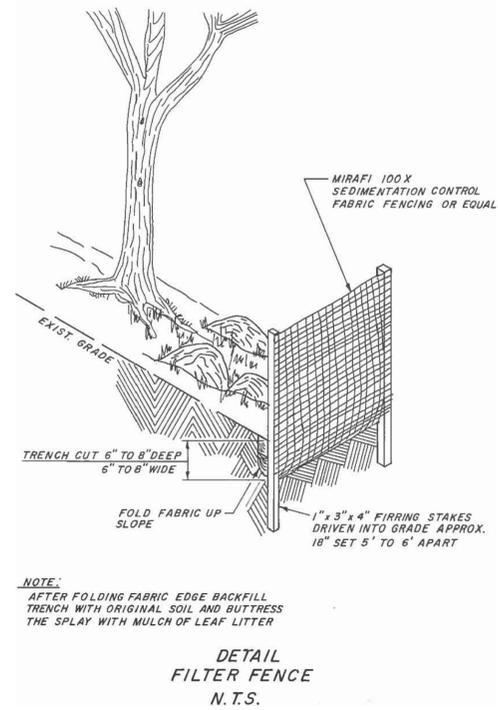
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Playground**

Stamford, CT

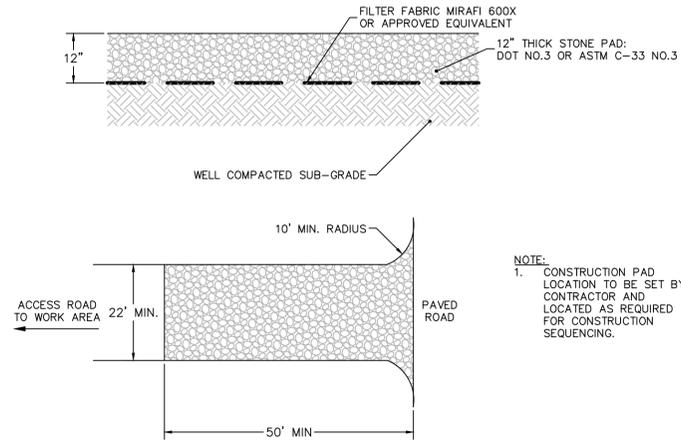
Drawing Title:
**EROSION
CONTROL
DETAILS**

Project No: AG 2227 Scale: N.T.S.
Drawn By: EP
Checked By: KG
Approved By: KG
Date: 03-31-2023

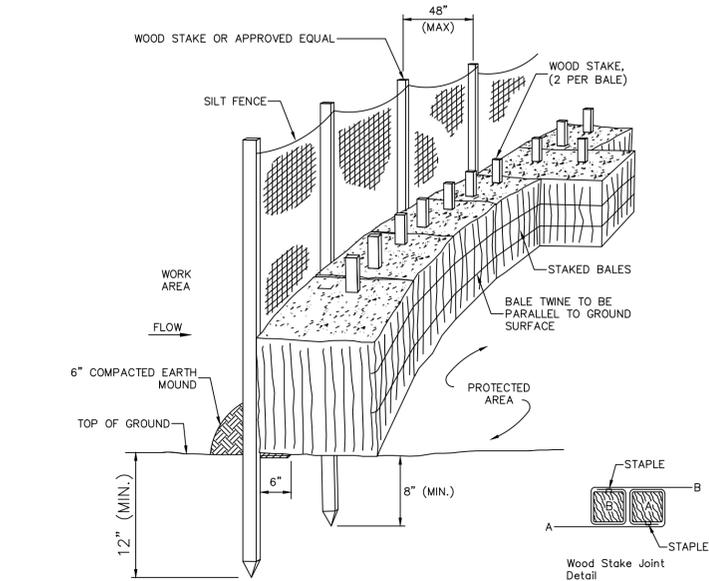
Drawing No: **C04-00**



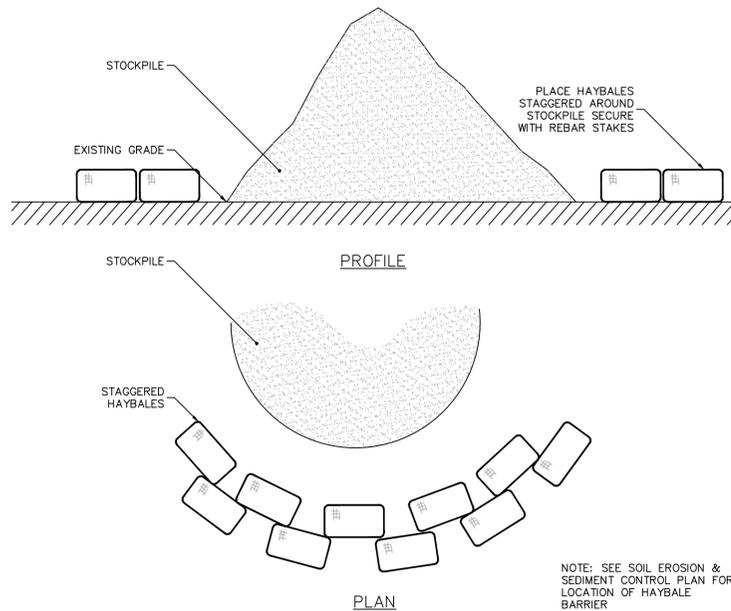
5 **FILTER FENCE**
N.T.S.
DETAIL PROVIDED BY
CITY OF STAMFORD



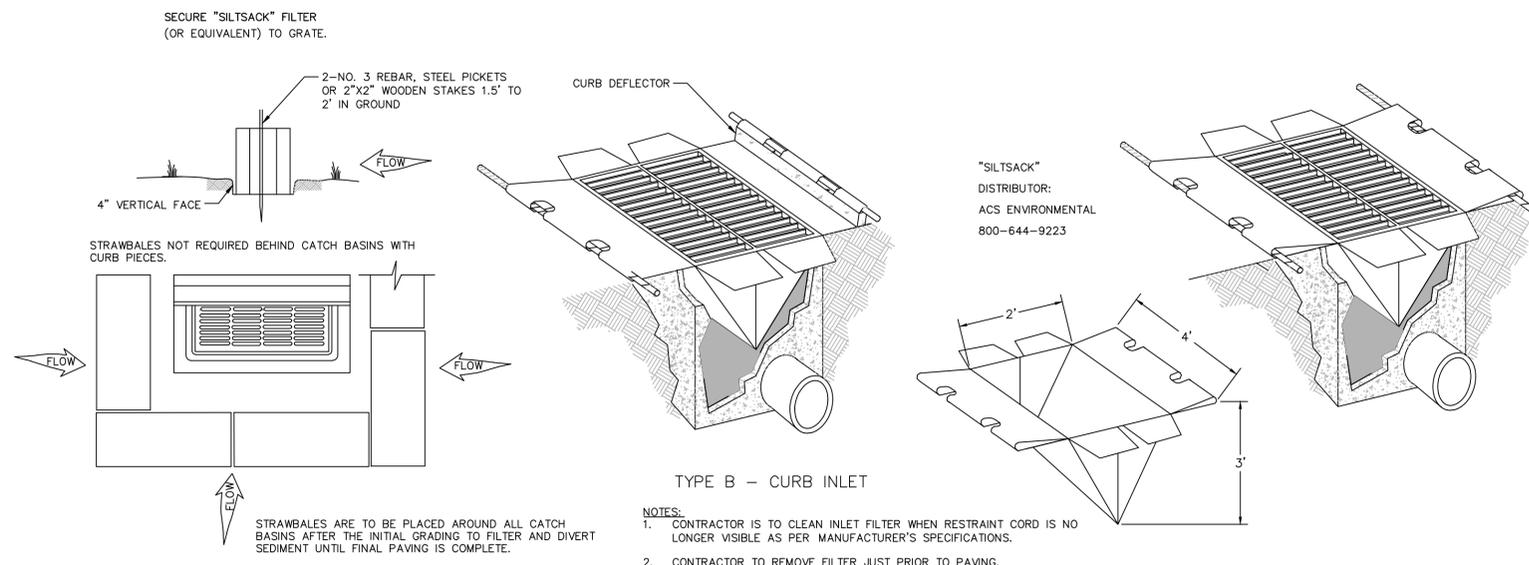
4 **CONSTRUCTION ENTRANCE**
N.T.S.



3 **STAKED HAY BALES/SILT FENCE**
N.T.S.



2 **TEMPORARY STOCKPILE**
N.T.S.



1 **INLET PROTECTION**
N.T.S.

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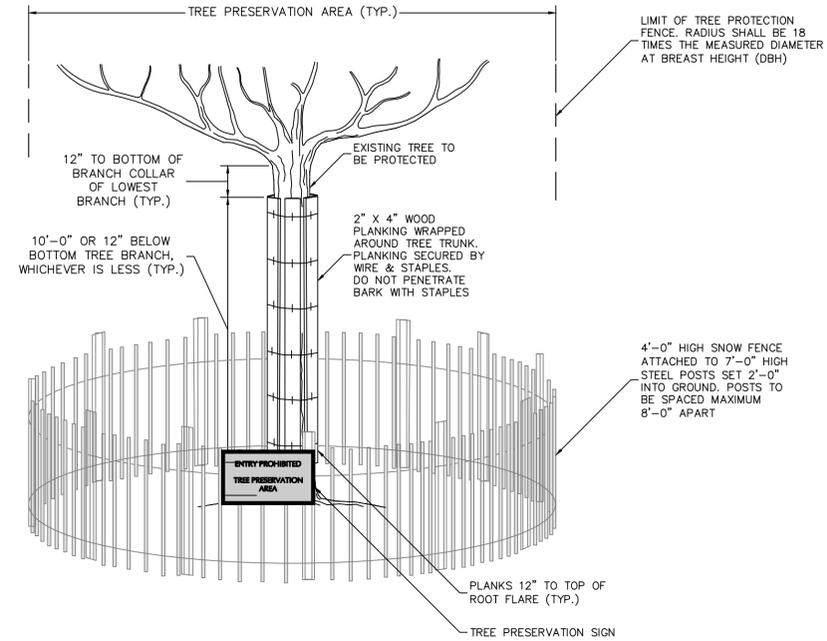
Drawing Title:
**EROSION
CONTROL
DETAILS II**

Project No: AG 2227 Scale: N.T.S.
Drawn By: EP
Checked By: KG
Approved By: KG
Date: 03-31-2023

Drawing No:
C04-01

NOTES:

1. ALL EXISTING TREES WITHIN THE LIMITS OF TREE PROTECTION FENCING SHALL BE PROTECTED THROUGHOUT THE DURATION OF WORK. THE LIMIT OF TREE PROTECTION FENCE RADIUS SHALL BE 18 TIMES THE MEASURED DIAMETER-AT-BREAST-HEIGHT (DBH), UNLESS CONDITIONS WARRANT THE FENCE TO BE LOCATED CLOSER TO THE TREE. THE PROJECT LANDSCAPE ARCHITECT TO APPROVE THE LOCATION OF ALL FENCING PRIOR TO EXCAVATION.
2. TREE PROTECTION PLANKING SHALL BE INSTALLED ON ALL EXISTING TREES WHERE WORK IS TO BE DONE WITHIN THE LIMIT OF TREE PROTECTION FENCING. REFER TO DETAIL ON THIS SHEET.
3. IF TREE PROTECTION FENCING NEEDS TO BE MOVED OR BREACHED DUE TO TEMPORARY CONSTRUCTION ACTIVITY WITHIN THE TREE PROTECTION ZONE, THE FENCING WILL BE RESET TO ITS ORIGINAL LOCATION IMMEDIATELY AFTER CONSTRUCTION WITHIN THE TREE PROTECTION ZONE IS COMPLETE.
4. TREE PROTECTION FENCING SHALL BE MAINTAINED TO PROTECT TREES AT ALL TIMES. ANY DAMAGED FENCING SHALL BE IMMEDIATELY REPLACED WHEN DAMAGED.
5. DEMOLITION WORK WITHIN THE TREE PROTECTION FENCE OF PROTECTED TREES SHALL BE PERFORMED BY NON-MECHANICAL METHODS. CONTRACTOR TO PROTECT ROOT MASS AGAINST DAMAGE DURING EXCAVATION. ANY TREE ROOTS THAT ARE DISTURBED, BROKEN, OR CUT SHALL BE PRUNED BACK WITH CLEAN SHARP TOOLS.
6. ALL TEMPORARILY EXPOSED TREE ROOTS SHALL BE COVERED WITH 2 INCHES OF SHREDDED HARDWOOD MULCH AND THOROUGHLY IRRIGATED ON A DAILY BASIS AS DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT.
7. ALL WORK TO BE PERFORMED UNDER THE DIRECT SUPERVISION OF THE PROJECT LANDSCAPE ARCHITECT.



N.T.S
TREE PROTECTION

2



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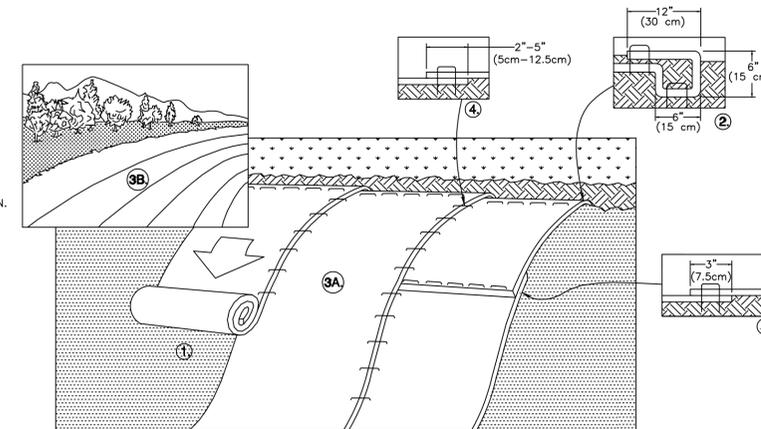
BIONET SC150BN DOUBLE NET STRAW BLANKET – BIODEGRADABLE (OR APPROVED EQUAL)

SLOPE INSTALLATION

1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM*, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" - 5" (5 CM - 12.5 CM) OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE RECP's WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.

NOTE:
CONTRACTOR TO PROVIDE EROSION CONTROL BLANKET ON ALL SLOPES 3:1 OR STEEPER.



SLOPE STABILIZATION (SLOPES ≥3H:1V)

N.T.S

1

UTILITY NOTES

GENERAL:

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS IN A MANNER WHICH WILL NOT NEGATIVELY AFFECT ANY EXISTING USERS OF THESE UTILITIES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS (WATER, SEWER, GAS, ELECTRIC, TELEPHONE AND CABLE), INVERTS AND CONDITIONS PRIOR TO CONSTRUCTION. ANY CONDITIONS FOUND TO DIFFER FROM THOSE SHOWN ON THE DRAWINGS AND REQUIRING MODIFICATIONS TO THE SITE DESIGN SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONSTRUCTION. DIFFERING UTILITY CONDITIONS THAT ARE ENCOUNTERED BY THE CONTRACTOR, THAT REQUIRE MODIFICATION OF SITE DESIGN AND THAT ARE NOT BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CORRECT AT HIS SOLE COST.
- THE CONTRACTOR SHALL ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY PROVIDERS FOR SERVICE INSTALLATIONS AND CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WORK TO BE PERFORMED BY THE VARIOUS UTILITY PROVIDERS AND SHALL PAY ALL FEES FOR CONNECTIONS, DISCONNECTIONS RELOCATIONS, INSPECTIONS, AND DEMOLITION UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATIONS MANUAL AND/OR GENERAL CONDITIONS OF THE CONTRACT.
- ALL UNDERGROUND UTILITIES MUST BE CLEARLY & PERMANENTLY MARKED WITH UNDERGROUND MARKING TAPE AND AS REQUIRED BY THE APPROPRIATE UTILITY COMPANY.
- BUILDING UTILITY PENETRATIONS AND LOCATIONS ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MEP PLANS AND SPECIFICATIONS FOR ACTUAL LOCATIONS OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE AND GAS SERVICE, ROOF DRAINS, AND ALL OTHER UTILITIES.
- CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND TO ENSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO LOCATION OF AND SCHEDULING OF CONNECTIONS TO THEIR FACILITIES.
- ALL MANHOLE COVERS, GRATES, RIMS, AND UTILITY STRUCTURES TO REMAIN SHALL BE ADJUSTED TO PROPOSED ELEVATION.
- CONTRACTOR TO PROVIDE ALL FITTINGS AND BENDS NECESSARY TO ACCOMPLISH WORK.
- A MINIMUM EIGHTEEN (18) INCHES VERTICAL CLEARANCE BETWEEN WATER, GAS, ELECTRICAL,

AND TELEPHONE LINES AND STORM PIPING SHALL BE PROVIDED.

- UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO UTILITY PROVIDER AND GOVERNING AUTHORITY STAFF REVIEW.
- ALL EXISTING PAVEMENT WHERE UTILITY PIPING IS TO BE INSTALLED SHALL BE SAW CUT. AFTER UTILITY INSTALLATION IS COMPLETED, THE CONTRACTOR SHALL INSTALL PERMANENT PAVEMENT REPAIR AS DETAILED ON THE DRAWINGS OR AS REQUIRED BY THE OWNER HAVING JURISDICTION. IN THE EVENT THAT PAVEMENT REPAIR CANNOT BE PROVIDED DUE TO WEATHER CONDITIONS, PROVIDE TEMPORARY PAVEMENT REPAIR UNTIL PERMANENT REPAIR CAN BE PROVIDED.
- ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION FOR APPROVAL PRIOR TO BACKFILLING, IN ACCORDANCE WITH THE APPROPRIATE UTILITY PROVIDER REQUIREMENTS.
- SITE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND CABLES FOR SITE LIGHTING WITH THE BUILDING ELECTRICAL CONTRACTOR.
- THE CONTRACTOR SHALL ARRANGE AND COORDINATE WITH UTILITY PROVIDERS FOR WORK TO BE PERFORMED BY UTILITY PROVIDERS. THE CONTRACTOR SHALL PAY ALL UTILITY FEES UNLESS OTHERWISE STATED IN THE PROJECT SPECIFICATION MANUAL AND GENERAL CONDITIONS, AND REPAIR PAVEMENTS AS NECESSARY.
- ALTERNATIVE METHODS AND PRODUCTS OTHER THAN THOSE SPECIFIED MAY BE USED IF REVIEWED AND APPROVED BY THE OWNER, ENGINEER, AND APPROPRIATE REGULATORY AGENCIES PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL MAINTAIN ALL FLOWS AND UTILITY CONNECTIONS TO EXISTING BUILDINGS WITHOUT INTERRUPTION UNLESS/UNTIL AUTHORIZED TO DISCONNECT BY THE OWNERS, THE CIVIL ENGINEER, UTILITY PROVIDERS AND GOVERNING AUTHORITIES.
- ALL REQUIRED UTILITIES SERVING THE BUILDINGS SHALL BE COORDINATED AND CONSTRUCTED TO WITHIN FIVE FEET OF BUILDING UTILITY ENTRANCE LOCATION AT THE INVERTS NOTED. ALL REQUIRED CONNECTION FEES SHALL BE PAID BY THE BUILDING CONTRACTOR. ANY NECESSARY EXTENSIONS, RELOCATIONS, OR CORRECTIONS WITHIN FIVE FEET OF THE BUILDING NECESSARY TO COMPLETE CONNECTION OF UTILITIES TO THE BUILDINGS SHALL BE MADE BY THE BUILDING CONTRACTOR.
- ALL ON-SITE UTILITIES SHALL BE UNDERGROUND, WHERE APPLICABLE.

ELECTRIC, TELEPHONE, & GAS:

- THE LOCATIONS OF EXISTING GAS MAINS ARE APPROXIMATE. THE CONTRACTOR MUST CONSULT THE LOCAL UTILITY COMPANIES FOR ADDITIONAL INFORMATION. ALL PROPOSED GAS WORK AND OTHER ASSOCIATED APPURTENANCES WILL BE IN CONFORMANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL GUIDELINES AND REQUIREMENTS.
- THE LOCATION OF EXISTING ELECTRIC LINES ARE APPROXIMATE. THE CONTRACTOR MUST CONSULT THE LOCAL UTILITY COMPANIES FOR ADDITIONAL INFORMATION. ALL PROPOSED ELECTRICAL WORK, TRANSFORMER PADS, AND ASSOCIATED APPURTENANCES WILL BE IN CONFORMANCE WITH APPLICABLE LOCAL, COUNTY, STATE AND FEDERAL GUIDELINES AND

REQUIREMENTS.

- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 30 INCHES OF COVER FOR ALL UNDERGROUND ELECTRIC, TELEPHONE AND GAS UTILITIES OR AS REQUIRED BY THE UTILITY COMPANY, WHICHEVER IS MORE RESTRICTIVE.
- ALL DETAILS OF ELECTRIC, GAS, & TELEPHONE UTILITY SERVICE SHALL BE APPROVED BY THE APPLICABLE UTILITY COMPANY AND INSTALLED TO THEIR REQUIREMENTS.

WATER & SANITARY:

- THE CONTRACTOR MUST VERIFY THE LOCATION, SIZE, AND SERVICEABILITY OF THE EXISTING WATER AND SANITARY SEWER MAINS PRIOR TO BEGINNING ANY SITE OR BUILDING CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 4 FEET OF COVER FOR ALL WATER DISTRIBUTION PIPING OR PER REGIONAL WATER AUTHORITY REQUIREMENTS.
- SANITARY LATERAL SHALL MAINTAIN (10' MIN. HORIZONTAL 1.5' VERTICAL MIN.) SEPARATION DISTANCE FROM WATER LINES OR ADDITIONAL PROTECTION MEASURES WILL BE REQUIRED WHERE PERMITTED, WHICH SHALL INCLUDE CONCRETE ENCASEMENT OF PIPING UNLESS OTHERWISE DIRECTED BY THE UTILITY PROVIDERS AND CIVIL ENGINEER.
- THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES, ELBOWS AND PLUGS.
- ALL NEW WATER LINES SHALL BE PRESSURE TESTED AND LEAKAGE TESTED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA STANDARD C600, OR THE REGIONAL WATER AUTHORITY REQUIREMENTS, WHICHEVER IS MORE RESTRICTIVE.
- ALL NEW WATER MAINS SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA STANDARD C651, OR THE REGIONAL WATER AUTHORITY REQUIREMENTS, WHICHEVER IS MORE RESTRICTIVE.
- ALL SANITARY SEWER PIPE TO BE PUSH JOINT POLYVINYL CHLORIDE (PVC) SDR-35. ALL JOINTS BETWEEN PVC PIPE SECTIONS AND BETWEEN PIPE AND PRECAST MANHOLES SHALL HAVE WATER-TIGHT RUBBER GASKET CONNECTIONS. ALL PVC PIPES AND FITTINGS SHALL COMPLY WITH ASTM D3034-93. ALL MAINS SHALL BE TESTED FOR LEAKAGE IN ACCORDANCE WITH THE LOW PRESSURE AIR TEST METHOD.
- WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18-INCHES BETWEEN THE OUTSIDE OF WATER MAIN AND THE OUTSIDE OF SEWER. IN CASES WHERE THE VERTICAL SEPARATION IS LESS THAN 18-INCHES OR AS OTHERWISE SPECIFIED ON THIS DRAWING OR THE PROFILE SHEETS, STORM OR SANITARY SEWER PIPE SHALL BE ENCASED WITH K-KRETE 5-FT MINIMUM IN EACH DIRECTION OF PIPE RUN AND 6-INCHES MINIMUM AROUND THE PIPE DIAMETER. AT ALL CROSSING ONE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS ARE MAXIMUM DISTANCE FROM SEWER.
- CONTRACTOR TO OBTAIN A SEWER PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS PRIOR TO CONNECTION OF THE SANITARY SEWER.
- CONTRACTOR TO CONTACT THE WATER DEPARTMENT TO PERFORM ALL WATER TAPS.

GENERAL NOTES

- BOUNDARY AND TOPOGRAPHIC INFORMATION RECEIVED ELECTRONICALLY, OCTOBER 12, 2022.
- THE SITE IS LOCATED IN ZONE X, AN AREA OF MINIMAL FLOOD HAZARD, ZONE AE, AN AREA WHERE BASE FLOOD ELEVATIONS HAVE BEEN DETERMINED TO BE ABOUT 11", AND THE FLOODWAY, PER FIRM MAP 09001C0516G, EFFECTIVE JULY 8, 2013.
- PROPOSED WORK IS BASED OFF OF PLANS RECEIVED ELECTRONICALLY FROM AGENCY L+P, DATED MARCH 20, 2023.

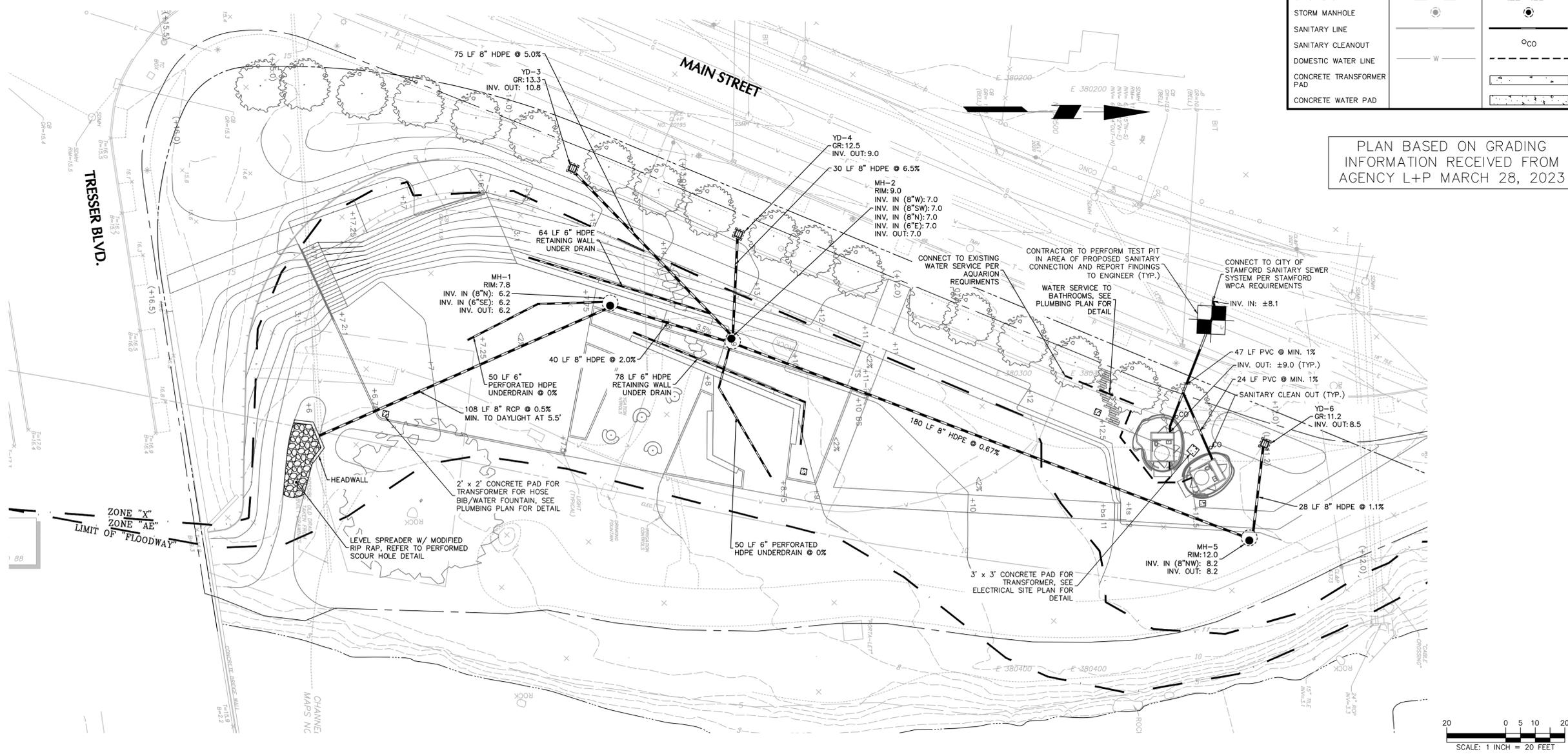
DRAINAGE NOTES

- ALL PROPOSED STORM DRAINAGE PIPING TO UTILIZE WATER-TIGHT JOINTS.
- CLEANOUTS SHALL BE PROVIDED FLUSH TO GRADE AT ALL LOCATIONS OF ROOF DRAIN INTERSECTIONS, BENDS AND UPSTREAM ENDS.
- CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE APPROPRIATE SIZES OF THE DRAINAGE CATCH BASINS AND MANHOLES TO RECEIVE PIPING SHOWN.
- STORM DRAINAGE PIPING INSTALLATION SHALL COMMENCE AT THE FURTHEST DOWNSTREAM POINT AND PROCEED UPSTREAM "IN THE DRY".
- ABBREVIATIONS: RCP=REINFORCED CONCRETE PIPE
HDPE=HIGH DENSITY POLYETHYLENE PIPE
MH=MANHOLE
WOU=WATER QUALITY UNIT
AD=AREA DRAIN
OCS=OUTLET CONTROL STRUCTURE

LEGEND

	EXISTING	PROPOSED
PROPERTY LINE	---	---
LIMIT OF WORK	---	---
STORM LINE	---	---
CATCH BASIN	---	---
STORM MANHOLE	---	---
SANITARY LINE	---	---
SANITARY CLEANOUT	---	---
DOMESTIC WATER LINE	---	---
CONCRETE TRANSFORMER PAD	---	---
CONCRETE WATER PAD	---	---

PLAN BASED ON GRADING
INFORMATION RECEIVED FROM
AGENCY L+P MARCH 28, 2023



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NO.	DESCRIPTION	DATE
1	100% SCHEMATIC DESIGN	1.13.2023
2	100% DESIGN DEVELOPMENT	3.31.2023

DWG ISSUE & REVISION HISTORY

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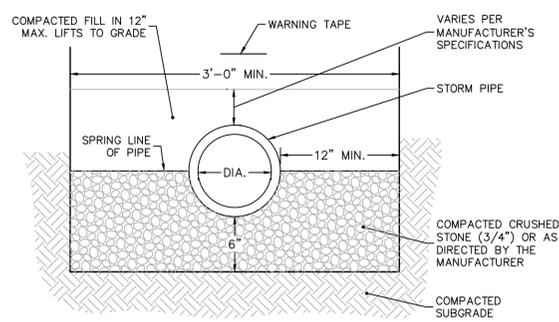
Project Title:
**Mill River Park
Playground**

Stamford, CT

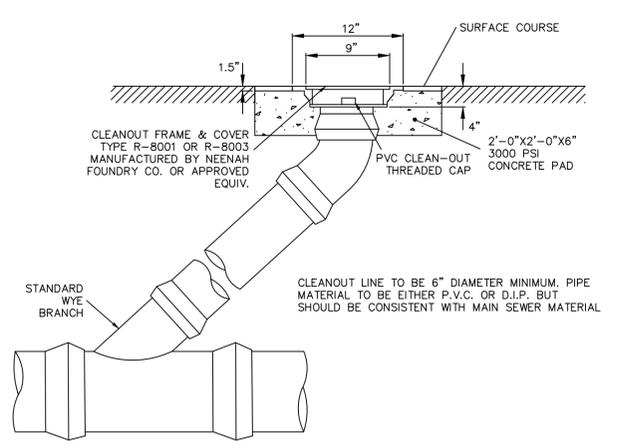
UTILITY & DRAINAGE PLAN

Project No: AG 2227 Scale: 1" = 20' - 0"
Drawn By: EP
Checked By: KG
Approved By: KG
Date: 03-31-2023

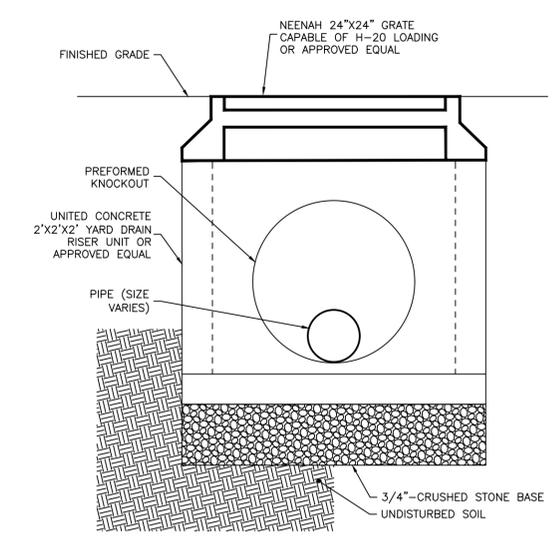
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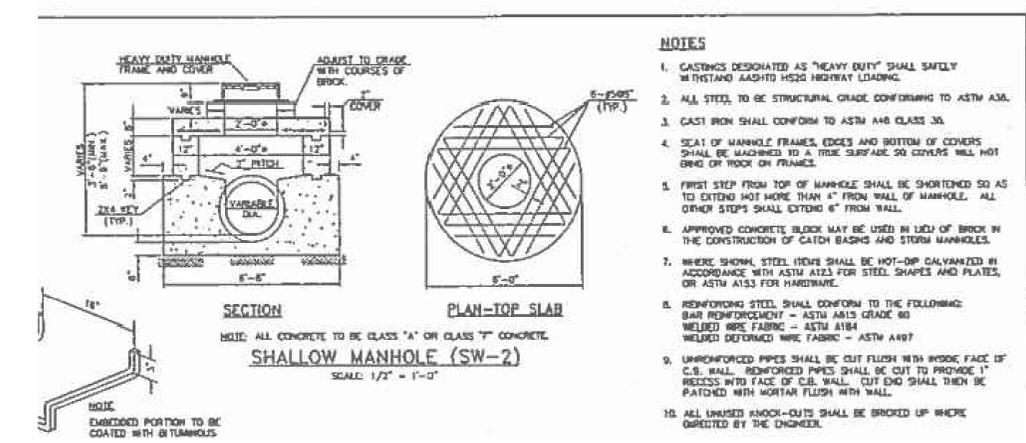
8 STORM PIPE BEDDING
N.T.S.



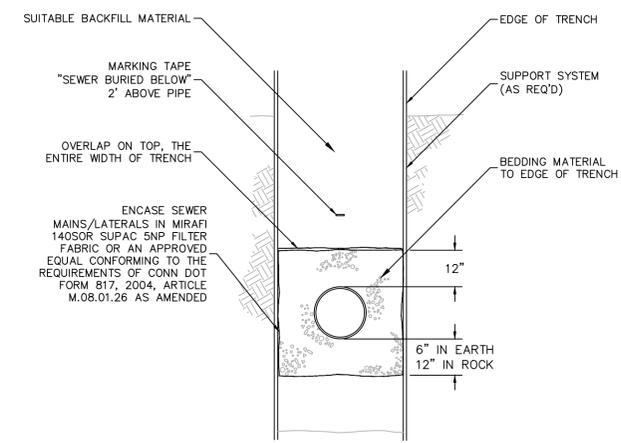
7 STORM CLEANOUT
N.T.S.



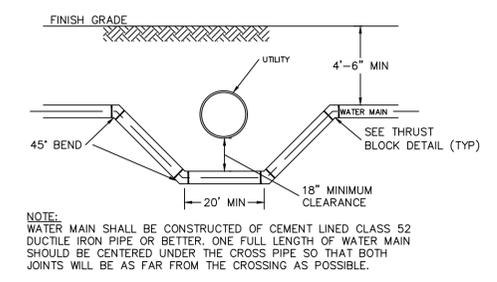
6 YARD DRAIN
N.T.S.



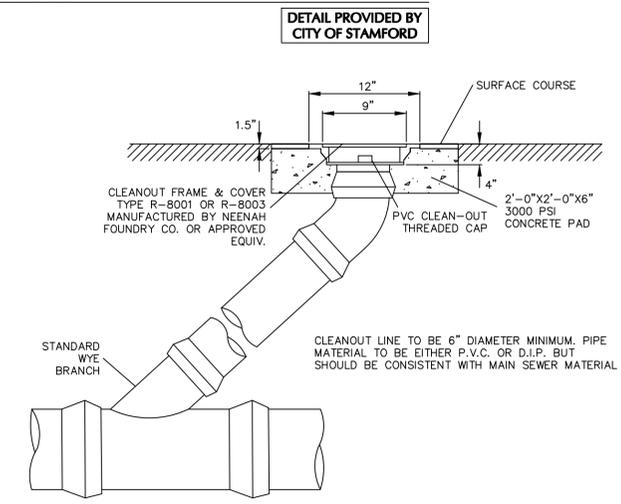
5 SHALLOW MANHOLE
N.T.S.



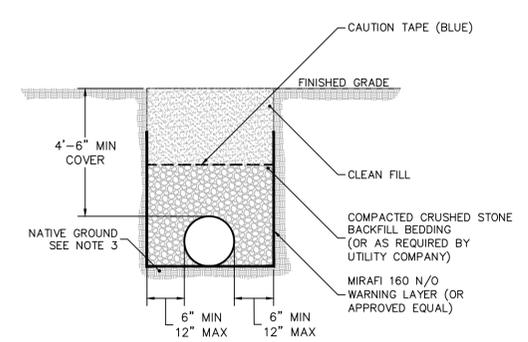
4 SANITARY TRENCH
N.T.S.



3 WATER MAIN DROP
N.T.S.



2 SANITARY CLEANOUT
N.T.S.



1 WATER MAIN TRENCH
N.T.S.

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2	100% DESIGN DEVELOPMENT	3.31.2023

DWG ISSUE & REVISION HISTORY

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Project Title:

Mill River Park Playground

Stamford, CT

UTILITY AND DRAINAGE DETAILS

Project No: AG 2227 Scale: N.T.S.
Drawn By: EP
Checked By: KG
Approved By: KG
Date: 03-31-2023

Drawing No: **C06-00**

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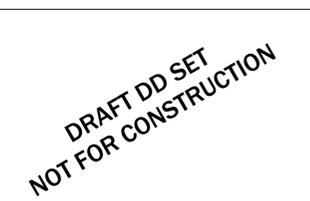
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1	100% SCHEMATIC DESIGN	1.13.2023
2	100% DESIGN DEVELOPMENT	3.31.2023

DWG ISSUE & REVISION HISTORY

STAMP


Project Title:
Mill River Park Playground
 Stamford, CT

Drawing Title:
UTILITY AND DRAINAGE DETAILS

Project No: AG 2227 Scale: N.T.S.
 Drawn By: EP
 Checked By: KG
 Approved By: KG
 Date: 03-31-2023

Drawing No:
C06-01

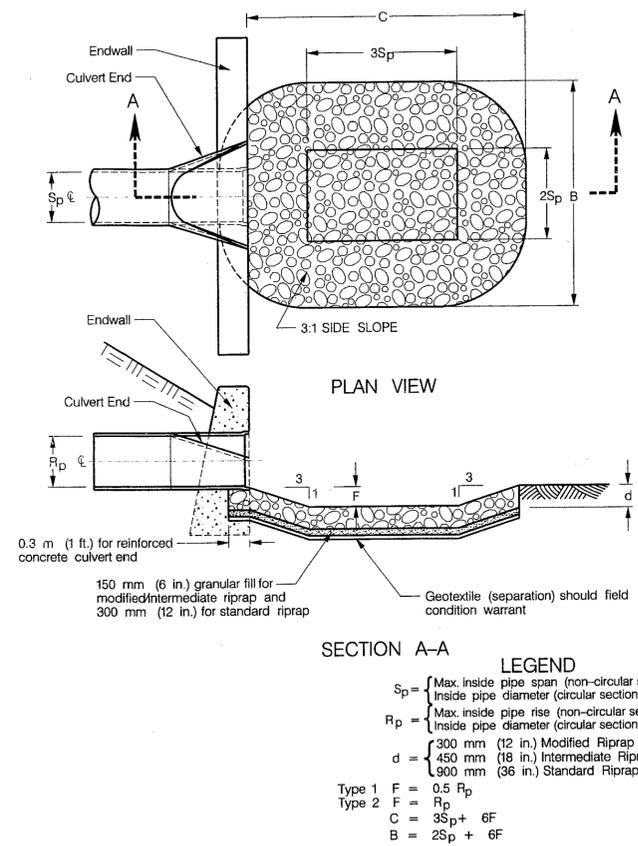
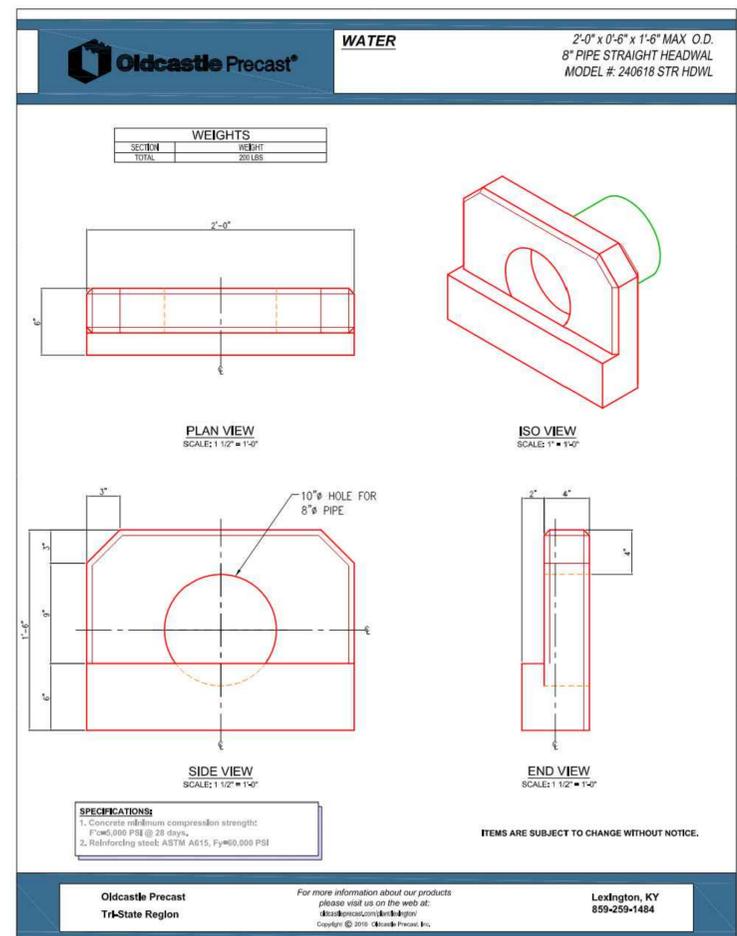


Figure 11-15 Preformed Scour Hole Type 1 and Type 2

May 2002

ConnDOT Drainage Manual



CONCRETE HEADWALL
 N.T.S.

2

PREFORMED SCOUR HOLE
 N.T.S.

1

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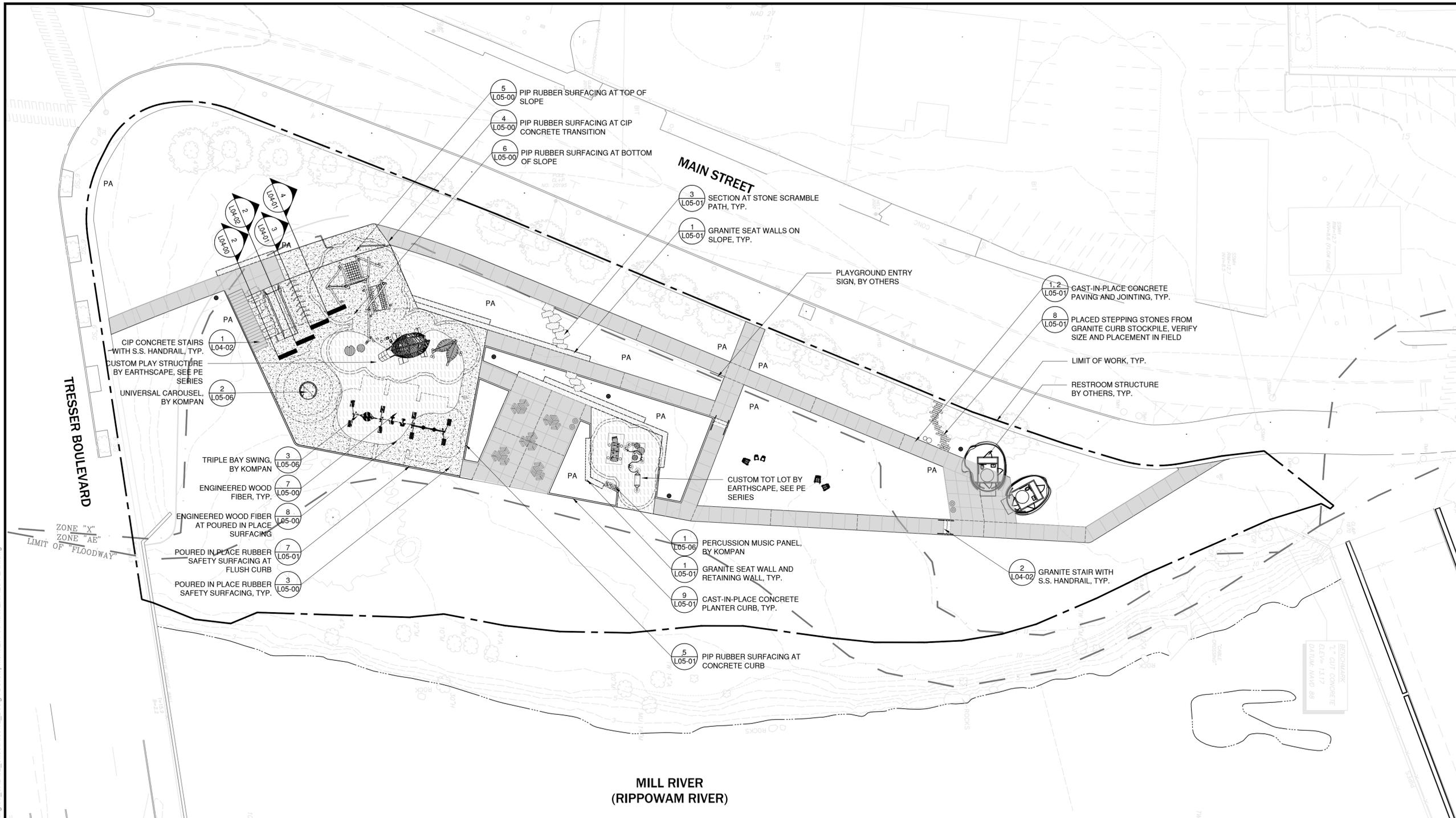
Project Title: Mill River Park Playground

Stamford, CT

Drawing Title: SITE MATERIALS PLAN

Project No: AG 2227 Scale: 1" = 20' - 0"
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 01.13.2023

Drawing No:
L01-00



LEGEND

SYMBOLS	DESCRIPTION
	LIMIT OF WORK
	FLOODWAY/FLOODPLAIN
	FALL ZONE
	CONTROL JOINT
	EXPANSION JOINT
	C.I.P CONCRETE PAVING
	SALVAGED GRANITE
	P.I.P. RUBBER SAFETY SURFACE
	ENGINEERED WOOD FIBER
	1 L05-03 ADIRONDACK CHAIRS
	6 L05-02 PICNIC TABLE
	1 L05-05 LIGHT POLE
	1 L05-04 LITTER/RECYCLING RECEPTACLES
	PA PLANTED AREA
	3 L05-02 DRINKING FOUNTAIN

MATERIALS NOTES:

- PROVIDE EXPANSION JOINTS AT ALL CURBS, WALLS, STEPS, LIGHT POLE BASES, PULL BOXES, MANHOLES, ETC. AND AS SHOWN ON PLAN.
- CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONTINUING WORK.
- LIMIT OF WORK LINE IS NOTED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.

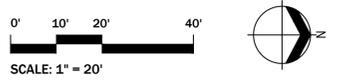
LAYOUT NOTES:

- EXISTING CONDITIONS FROM BASE SURVEY PROVIDED BY ROCCO V.D. ANDREA, INC. VIA MILL RIVER PARK COLLABORATIVE, RECEIVED SEPTEMBER 2022.
- ALL LINE AND GRADE WORK PER DRAWINGS AND SPECIFICATIONS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR SURVEYOR ENGAGED BY THE CONTRACTOR.
- ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.
- STORAGE AREAS FOR CONTRACTOR'S EQUIPMENT AND MATERIALS SHALL BE IN AND WITHIN LIMITS OF WORK AS SHOWN ON PLANS AND AS APPROVED BY THE ARCHITECT.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES IN THE SITE SURVEY TO THE

ARCHITECT PRIOR TO STARTING WORK.

- ALL LAYOUTS FOR WALKS AND PATHS SHALL BE ADEQUATELY STAKED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL ESTABLISH PERMANENT CONSTRUCTION BENCH MARKS. MAINTAIN ALL ESTABLISHED BOUNDS AND BENCH MARKS AND REPLACE AS DIRECTED ANY WHICH ARE DESTROYED OR DISTURBED.
- CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONTINUING WORK.

- LIMIT OF WORK LINE IS NOTED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER.
- PROVIDE EXPANSION JOINTS AT ALL CURBS, WALLS STEPS, LIGHT POLE BASES, PULL BOXES, MANHOLES, ETC. AND AS SHOWN ON PLAN.



3/31/23 10:50:34 AM G:\Shared Drives\Projects\2022\AG2227 - Mill River Park\02 Working\05 CAD\02 Sheet\Files\02 Design Development\L01-00 MATERIALS PLAN.dwg

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Mill River Park Collaborative
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NO.	DESCRIPTION	DATE
1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

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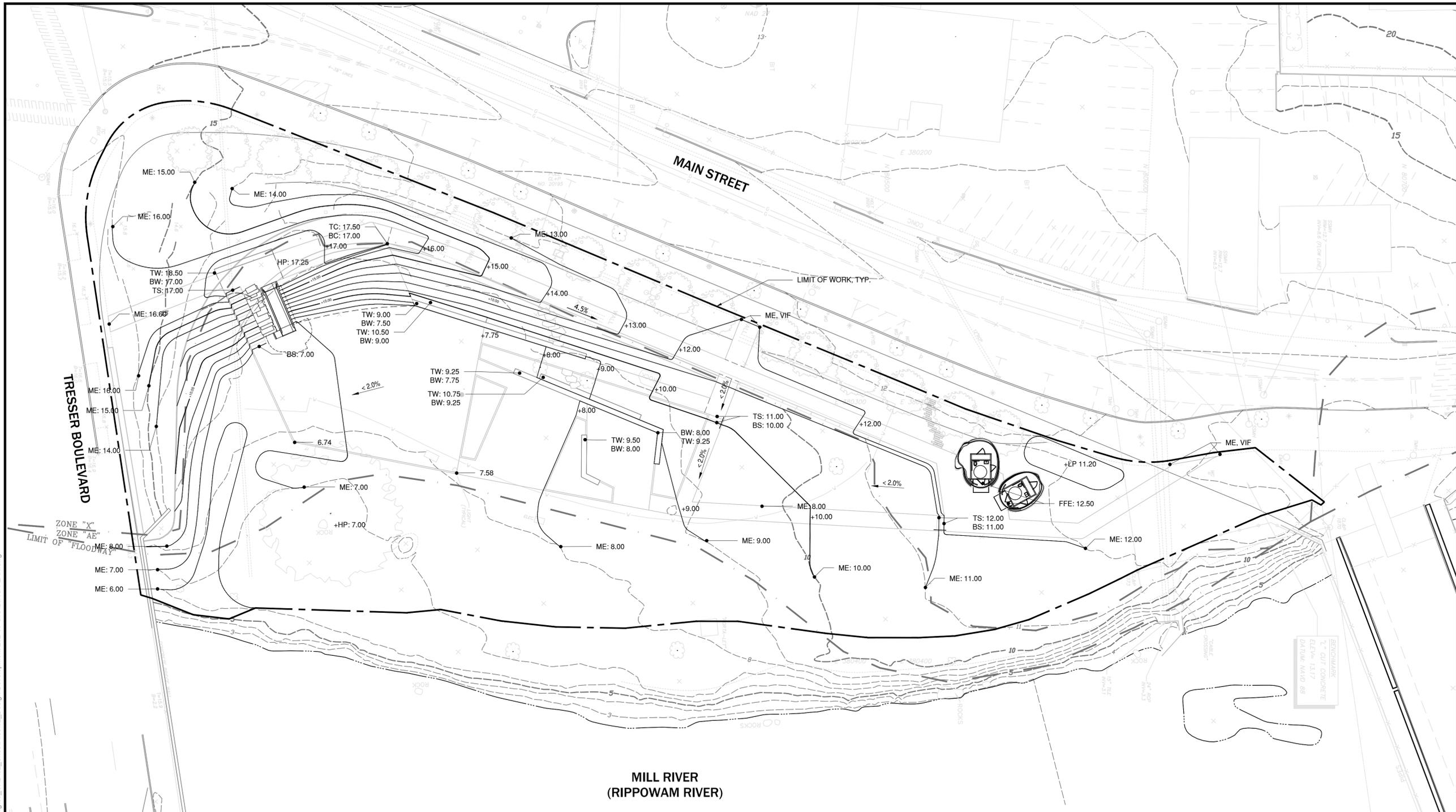
Project Title: Mill River Park Playground

Stamford, CT

Drawing Title: GRADING PLAN

Project No: AG 2227 Scale: 1" = 20' - 0"
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 03.31.2023

Drawing No: **L02-00**



LEGEND

SYMBOLS	DESCRIPTION
---	LIMIT OF WORK
---	FLOODWAY/FLOODPLAIN
---	PROPOSED MAJOR CONTOUR
---	PROPOSED MINOR CONTOUR
---	GRADE BREAK
---	EXISTING MAJOR CONTOUR
---	EXISTING MINOR CONTOUR
ME.	MEET EXISTING
T.W.	TOP OF WALL
B.W.	BOTTOM OF WALL
T.S.	TOP OF STAIR
B.S.	BOTTOM OF STAIR
+X.XX	SPOT ELEVATION
1%	SLOPE

GRADING NOTES:

- PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE "DIG SAFE" NOTIFICATION PROCEDURES PROMOTED BY RESPECTIVE UTILITY COMPANIES. THE "DIG SAFE" TELEPHONE NUMBER FOR MASSACHUSETTS IS 1-888-344-7233.
- BOTTOM OF CURB ELEVATIONS BETWEEN EXISTING SPOT GRADES SHOWN ON SURVEY ARE INTERPOLATIONS. CONTRACTOR SHALL VERIFY ALL EXISTING GRADES IN THE FIELD AND SHALL REPORT ANY DISCREPANCIES BETWEEN EXISTING AND PROPOSED CONDITION TO THE ARCHITECT.
- ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.

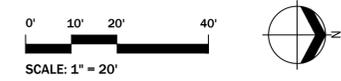
- COMPACT SUBGRADE PRIOR TO ANY FINISH GRADING. REMOVE ALL SOFT SPOTS OBSERVED OR IDENTIFIED IN FIELD.
- PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM SLOPE OF ONE-EIGHTH INCH (1/8") PER FOOT. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE ARCHITECT PRIOR TO CONTINUING WORK.
- CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDINGS AT ALL TOP AND BOTTOM OF SLOPES.
- EXCAVATION REQUIRED WITHIN DRIP LINE OF TREES DESIGNATED TO REMAIN SHALL BE DONE BY HAND. PLANT MATERIALS DAMAGED BY CONTRACTOR SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS
- ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO

PUBLIC ROADS OR ABUTTING PROPERTY.

- AT ALL LOCATIONS WHERE EXISTING PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. WHERE NEW PAVING MEETS EXISTING PAVING, MEET LINE AND GRADE OF EXISTING WITH NEW.
- MAXIMUM CROSSPITCH OF ALL SIDEWALKS IS 2%. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE ARCHITECT.
- ALL GRADING SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE MASSACHUSETTS ARCHITECTURAL ACCESS BOARD (AAB) AND THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG), LATEST EDITION. IN CASE OF CONFLICT BETWEEN REGULATIONS, THE GUIDELINE PROVIDING GREATER ACCESS SHALL APPLY.

- UTILITIES SHOWN ON THIS PLAN FOR REFERENCE ONLY. REFER TO CIVIL ENGINEERS PLAN FOR ALL UTILITY INFORMATION. CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). EXCAVATION REQUIRED WITHIN PROXIMITY OF UTILITY LINES SHALL BE DONE BY HAND. ANY DAMAGE AND INCURRED COSTS DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
- CONTRACTOR SHALL MAINTAIN OR ADJUST TO PROPOSED FINISH GRADE AS NECESSARY ALL UTILITY AND SITE STRUCTURES SUCH AS LIGHT POLES, SIGN POLES, MAN HOLES, CATCH BASINS, HAND HOLES, WATER AND GAS GATES, HYDRANTS, ETC., FROM MAINTAINED UTILITY AND SITE SYSTEMS UNLESS OTHERWISE NOTED ON UTILITY DRAWINGS OR AS DIRECTED BY ARCHITECT.

- CONTRACTOR SHALL PROVIDE FULL DEPTHS OF LOAM AS NOTED ON DETAILS AND AS SPECIFIED, FOR ALL PLANTING.
- MAINTAIN THE INTEGRITY OF THE EXISTING DRAINAGE SYSTEM AT ALL TIMES, UNLESS OTHERWISE NOTED ON CIVIL ENGINEER'S DRAWINGS.
- LIMIT OF WORK LINE IS NOTED ON DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF THE CONTRACT LIMIT LINE. ANY AREAS OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL MEET LINE AND GRADE OF EXISTING CONDITIONS AT LIMIT OF WORK LINE.



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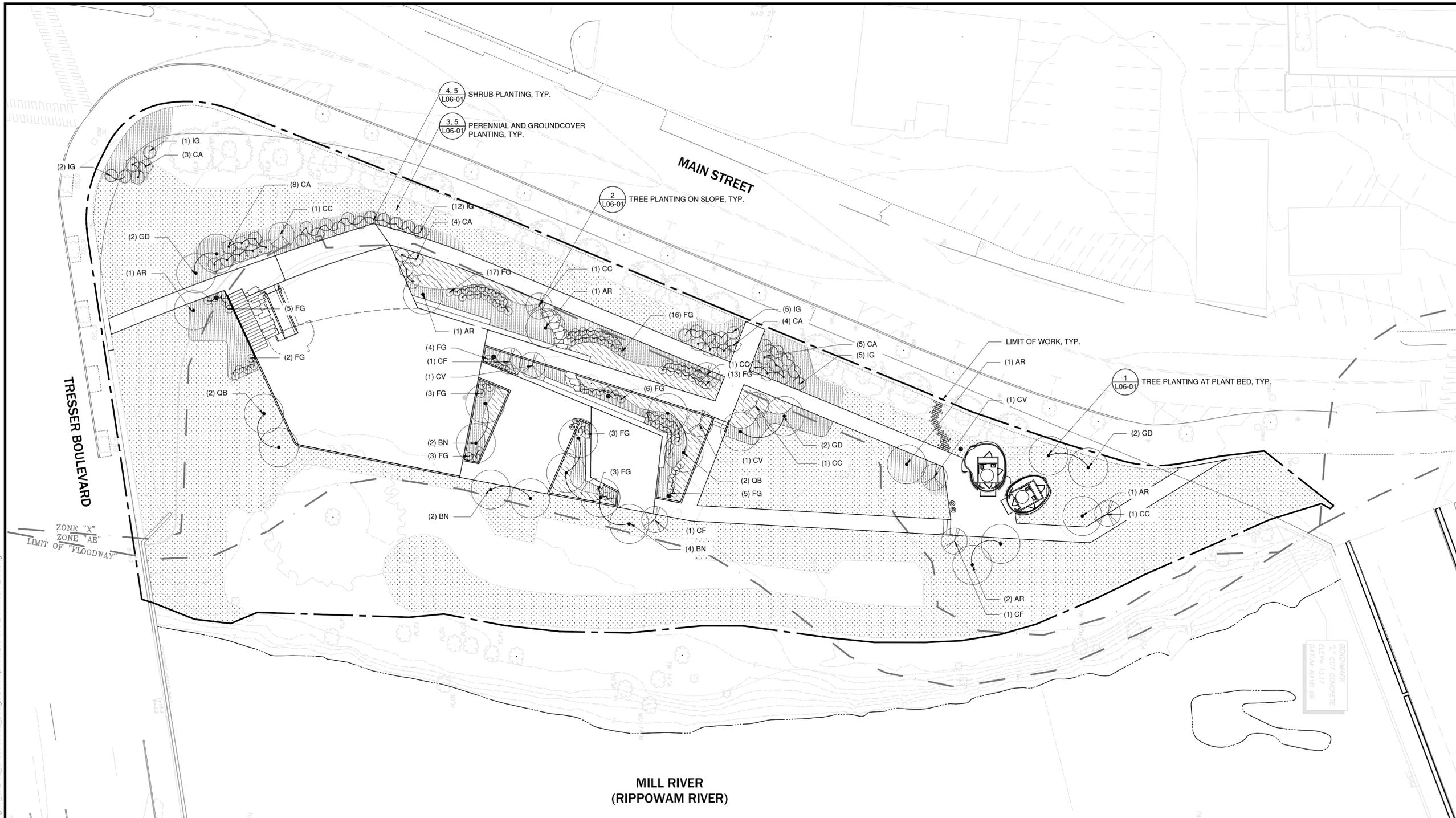
Project Title: Mill River Park Playground

Stamford, CT

Drawing Title: SITE PLANTING PLAN

Project No: AG 2227 Scale: 1" = 20' - 0"
 Drawn By: KW
 Checked By: AF
 Approved By: KT
 Date: 01.13.2023

Drawing No: **L03-00**



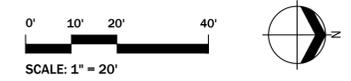
MILL RIVER (RIPPOWAM RIVER)

LEGEND

SYMBOLS	DESCRIPTION
	LIMIT OF WORK
	FLOODWAY/FLOODPLAIN
	LAWN
	EXISTING TREE

NOTE: SEE SHEET L03-01 FOR PLANT SCHEDULE.

- ### PLANTING NOTES:
- IF DISCREPANCIES EXIST BETWEEN THE NUMBER OF PLANTS DRAWN ON THE PLANTING PLAN AND THE NUMBER OF PLANTS IN THE PLANT LIST, THE PLANTING PLAN SHALL GOVERN.
 - ALL NEW PLANT MATERIAL SHALL CONFORM TO THE MINIMUM GUIDELINES ESTABLISHED FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF SPECIMEN QUALITY.
 - ALL NEW PLANTS TO BE BALLED AND BURLAPPED OR CONTAINER-GROWN, UNLESS OTHERWISE NOTED ON THE PLANT LIST.
 - THE CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
 - ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE, AND ONLY AFTER WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
 - ALL NEW PLANTS SHALL BE TAGGED AND APPROVED BY THE LANDSCAPE ARCHITECT AT THE NURSERY PRIOR TO DIGGING OR DELIVERY TO THE SITE.
 - CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE LANDSCAPE ARCHITECT.
 - STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF PLANTING.
 - NEW SHRUBS AND GROUND COVER SHALL BEAR THE SAME RELATIONSHIP TO GRADE AS IT BORE TO PREVIOUS GRADE. TREES SHALL BE SET 3" HIGHER THAN PREVIOUS GRADE. NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING.
 - ALL PLANT BEDS TO RECEIVE TWO INCHES (2") OR THREE INCHES (3") OF BARK MULCH AS PER SPECIFICATIONS.
 - ALL EXISTING TREES TO REMAIN SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION. PROTECTION TECHNIQUES SHALL BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT AS SPECIFIED.
 - PRUNE TREES IN ACCORDANCE WITH THE SPECIFICATIONS.
 - CONTRACTOR SHALL PROVIDE FULL DEPTHS OF LOAM AS NOTED ON DETAILS AND AS SPECIFIED, FOR ALL PLANTING.
 - CONTRACTOR SHALL COORDINATE LOCATION OF ALL UTILITIES (LINES, DUCTS, CONDUITS, SLEEVES, FOOTINGS, ETC.) WITH LOCATIONS OF PROPOSED LANDSCAPE ELEMENTS (WALLS, FENCE, FOOTINGS, TREE ROOTBALLS, PROPOSED LIGHTING FOOTINGS, ETC.). CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR TO CONTINUING WORK.
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 - ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDED.



3/31/23 9:02:46 AM G:\Shared Drives\Projects\2022\AG2227 - Mill River Park\02_Working\05_CAD\02_Sheet\Files\02_Design Development\L03-00 PLANTING PLAN.dwg

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Project Title:

Mill River Park Playground

Stamford, CT

Drawing Title:

PLANT SCHEDULE

Project No: AG 2227 Scale: 1" = 20' - 0"

Drawn By: KW

Checked By: AF

Approved By: KT

Date: 01.13.2023

Drawing No:

L03-01

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (O.C)	QUANTITY	
CANOPY TREES							
	AR	Acer rubrum	Red Maple	4.5" cal		7	
	BN	Betula nigra 'BNMTF'	Dura-Heat River Birch	4.5" cal		8	
	GD	Gymnocladus dioicus	Kentucky Coffeetree	4.5" cal		6	
	QB	Quercus bicolor	Swamp White Oak	4.5" cal		4	
UNDERSTORY TREES							
	CC	Cercis canadensis	Eastern Redbud	3.5" cal		5	
	CF	Cornus florida	Flowering Dogwood	3.5" cal		3	
	CV	Chioanthus virginicus	Fringetree	3.5" cal		3	
SHRUBS							
	FG	Fothergilla gardenii	Fothergilla	7 gal	36"	164	
	IG	Ilex glabra	Inkberry	15 gal	60"	29	
	CA	Clethra alnifolia	Summer Sweet Clethra	15 gal	60"	28	
PERENNIALS & GRASSES							
	AMF	Achillea millefolium	Common Yarrow	3 gal	30"	12.5%	
	CLT	Chasmanthium latifolium	Northern Sea Oats	3 gal	24"	12.5%	
	EPP	Echinacea purpurea	Purple Coneflower	3 gal	24"	12.5%	
	ERT	Echinops ritro	Blue Globe Thistle	3 gal	24"	12.5%	
	HJB	Hordeum jubatum	Foxtail Barleygrass	3 gal	12"	12.5%	
	LAG	Lavendula angustifolia	Lavender	3 gal	36"	12.5%	
	PVS	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass	3 gal	24"	12.5%	
	RBF	Rudbeckia fulgida	Black Eyed Susan	3 gal	24"	12.5%	
						Total:	1,586 sf
GROUNDCOVERS							
	SBZ	Stachys byzantina 'Silver Carpet'	Silver Carpet Lamb's Ear	3 gal	24"	50.0%	
	TPX	Thymus praecox	Creeping Mother of Thyme	3 gal	6"	50.0%	
						Total:	4,773 sf



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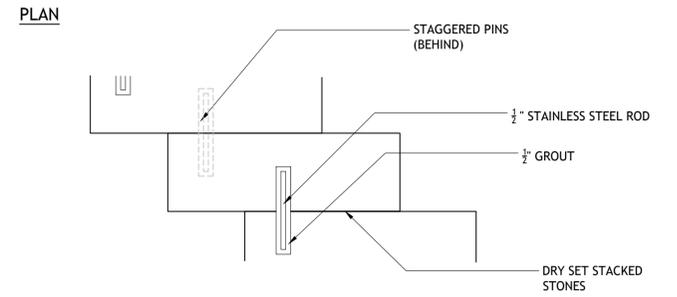
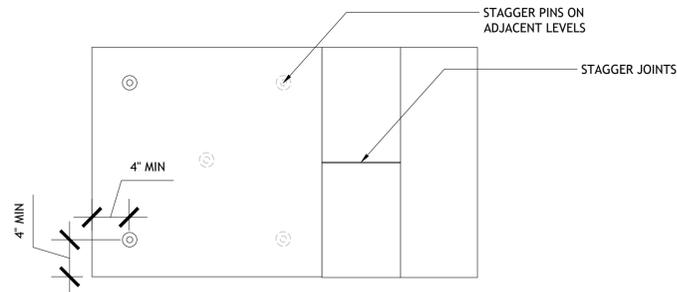
Project Title:
**Mill River Park
Playground**

Stamford, CT

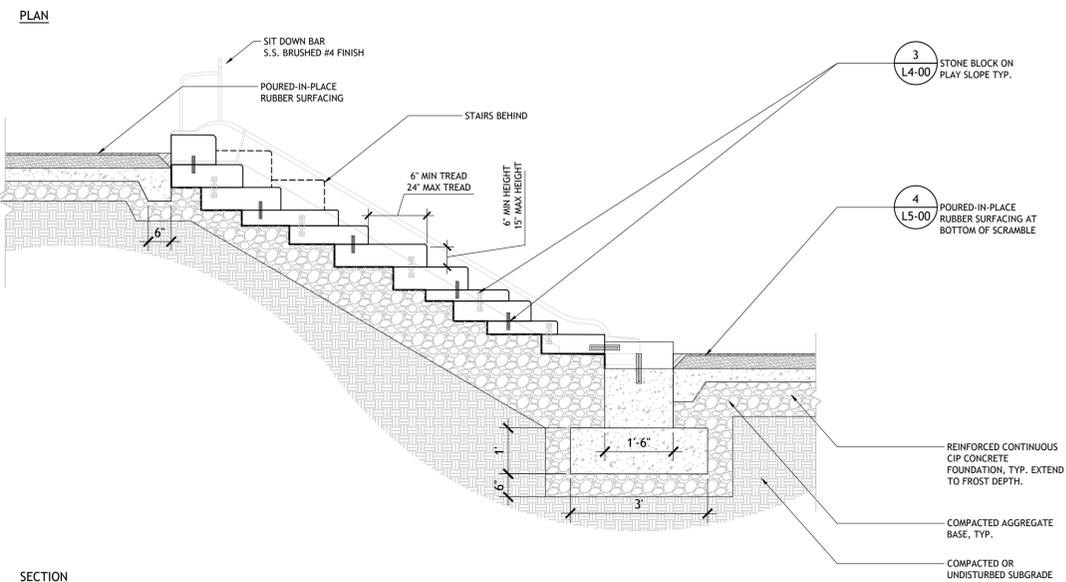
Drawing Title:
**SLOPE SECTIONS
- SLIDE AND ROCK
SCRAMBLE**

Project No: AG 2227 Scale:
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 03.31.2023

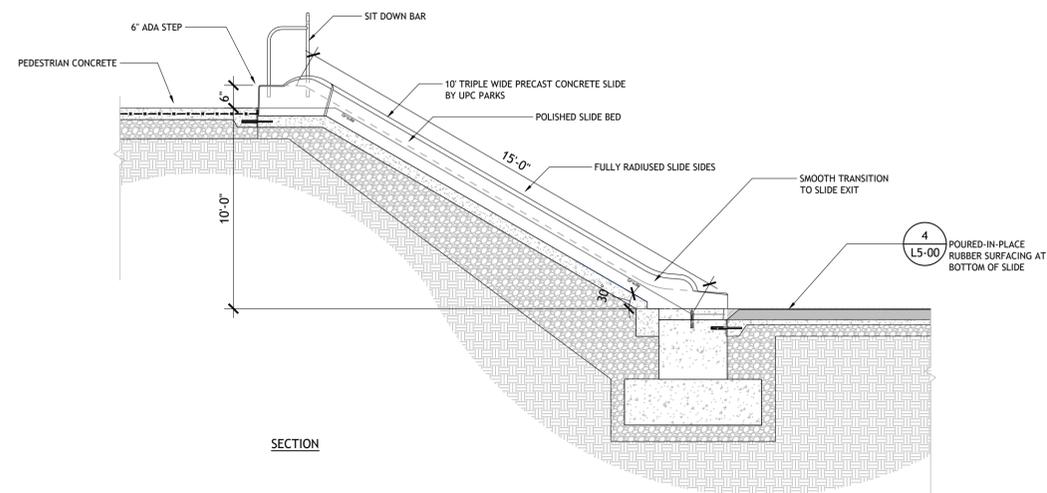
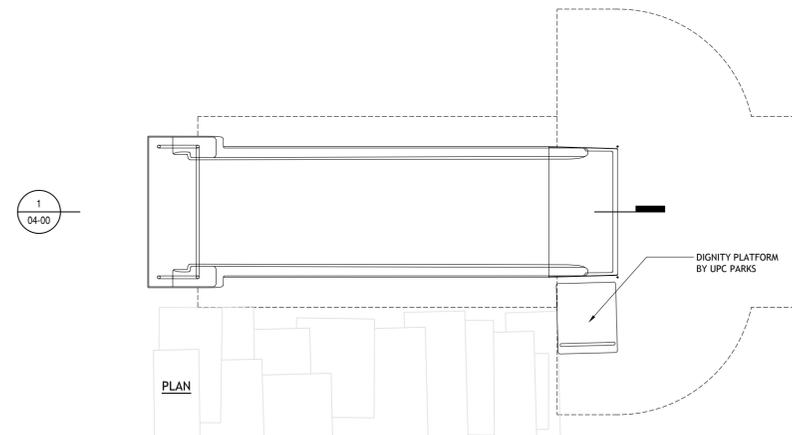
Drawing No:
L04-00



SECTION
3 STONE BLOCK ON PLAY SLOPE, TYP.
SCALE 1"=1'



SECTION
2 SECTION AT STONE SCRAMBLE
SCALE 1/2"=1'



SECTION
1 SECTION AT QUADRUPLE WIDE CONCRETE SLIDE
SCALE 1/2"=1'

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Stamford, CT

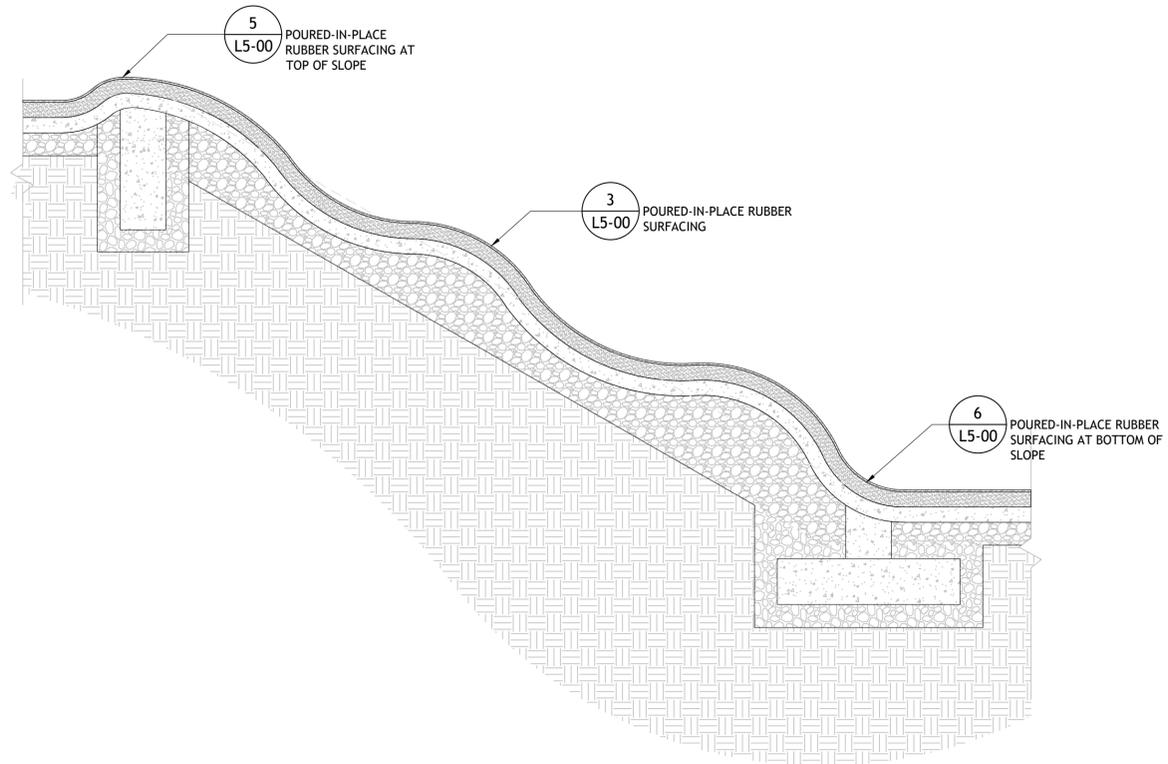
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SLOPE SECTIONS - PLAY SURFACING AND PLAY RINGS

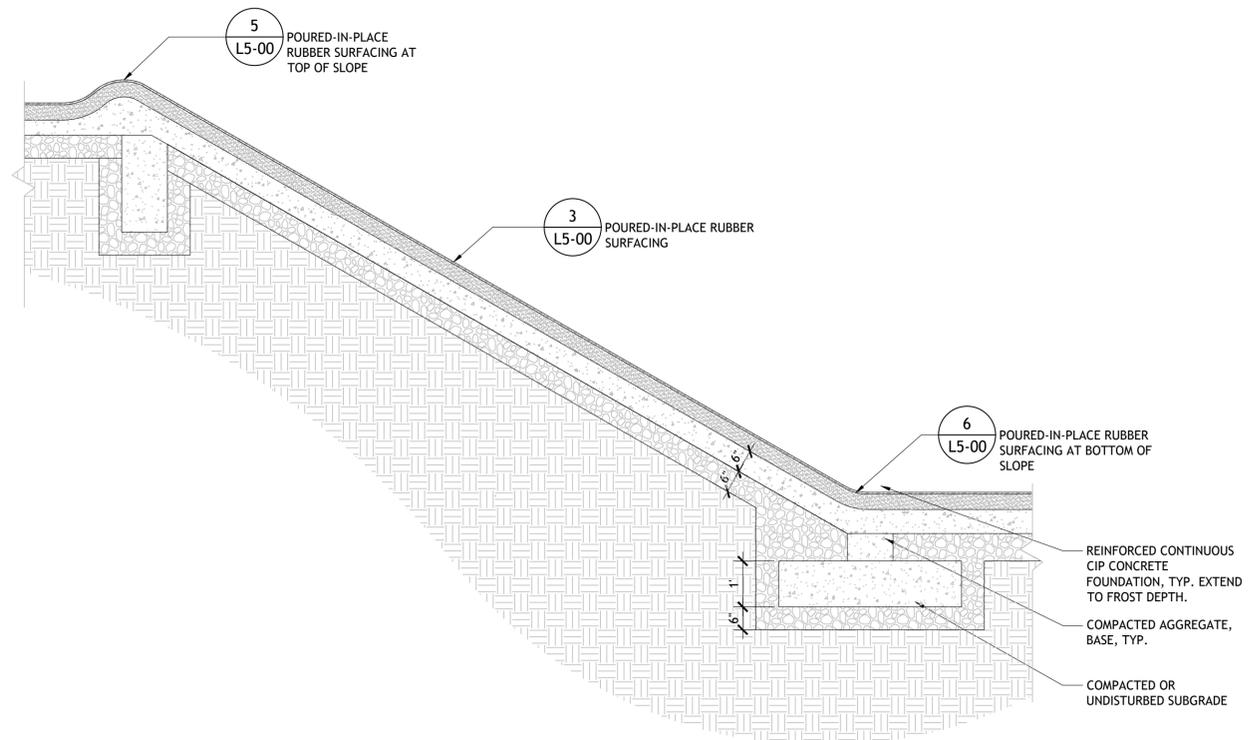
Project No: AG 2227 Scale:
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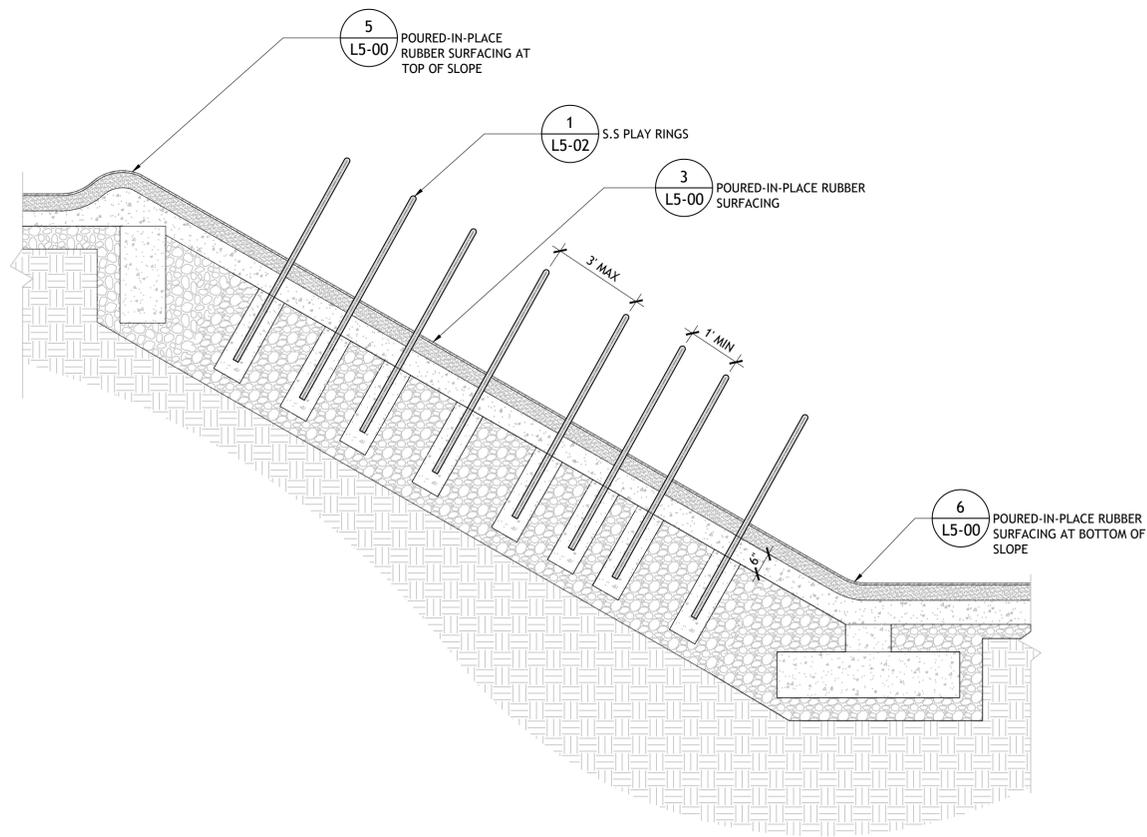
L04-01



2 SECTION AT PLAY SAFETY SURFACE SLOPE WITH UNDULATIONS
SCALE 1/2"=1'

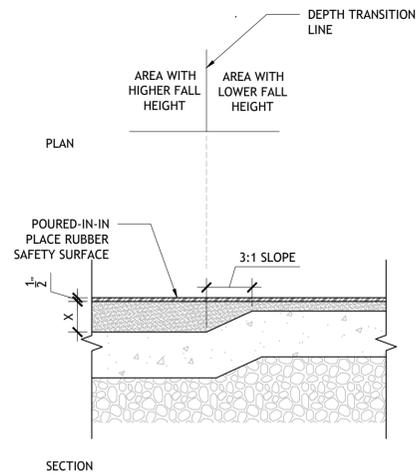


1 SECTION AT PLAY SAFETY SURFACE SLOPE
SCALE 1/2"=1'

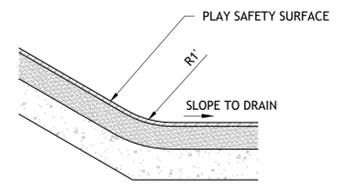


3 SECTION AT PLAY SAFETY SURFACE SLOPE WITH PLAY RINGS
SCALE 1/2"=1'

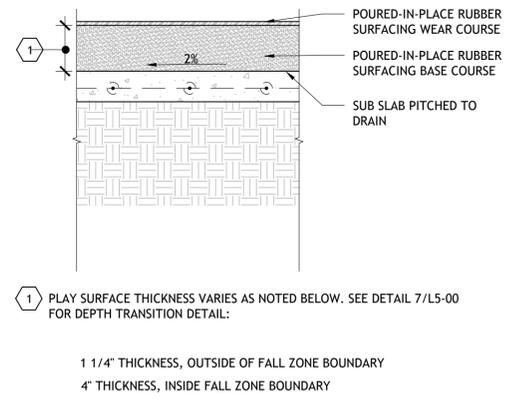
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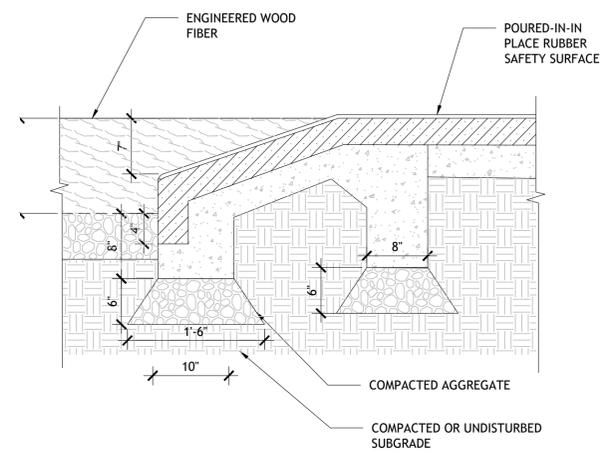
9 POURED-IN-PLACE RUBBER SURFACING DEPTH TRANSITION
SCALE: 1"=1'-0"



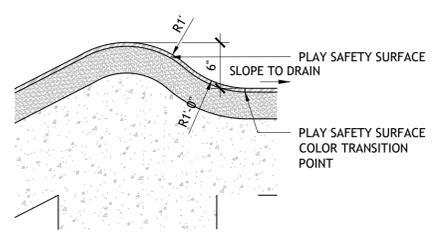
6 POURED-IN-PLACE RUBBER SURFACING BOTTOM OF SLOPE
SCALE: 1"=1'-0"



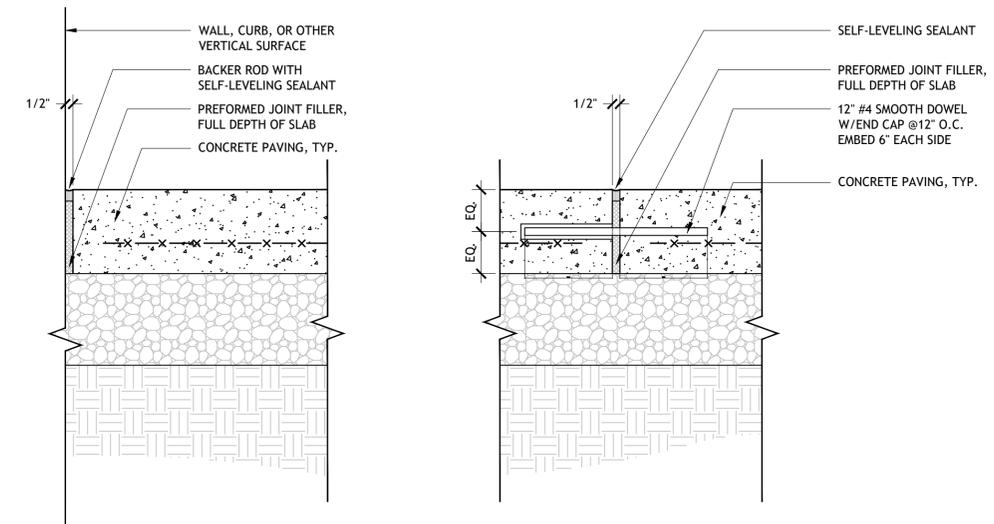
3 POURED-IN-PLACE RUBBER SURFACING
SCALE: 1"=1'-0"



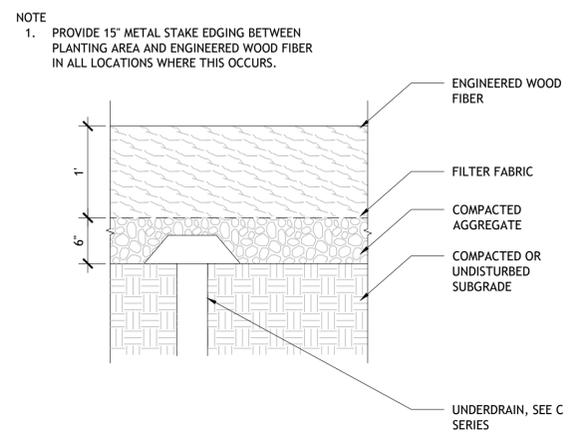
8 ENGINEERED WOOD FIBER TRANSITION AT POURED-IN-PLACE RUBBER SURFACING
SCALE: 1"=1'-0"



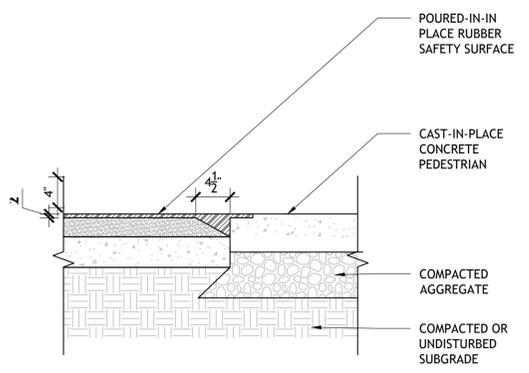
5 POURED-IN-PLACE RUBBER SURFACING TOP OF SLOPE
SCALE: 1"=1'-0"



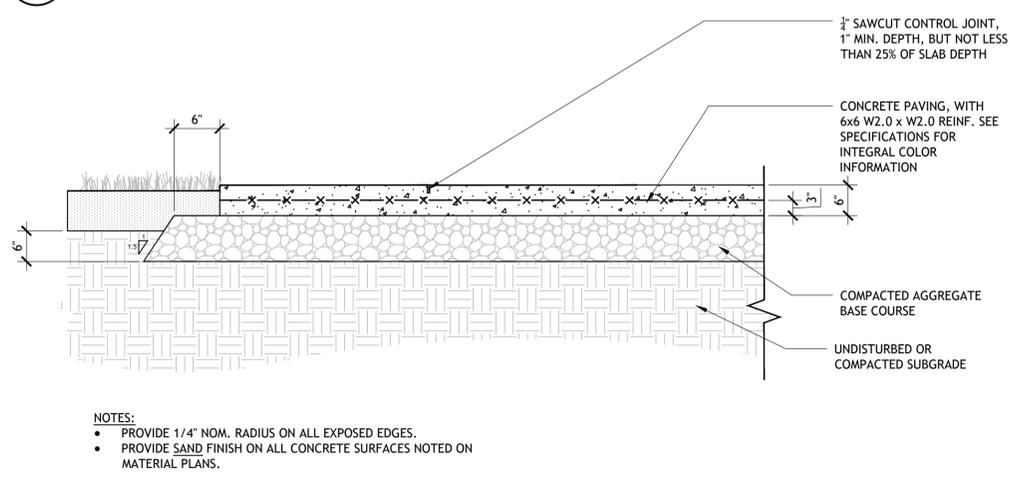
2 CAST-IN-PLACE CONCRETE PAVING EXPANSION JOINT
SCALE: 2"=1'-0"



7 ENGINEERED WOOD FIBER
SCALE: 1"=1'-0"



4 POURED-IN-PLACE RUBBER SURFACING CIP CONCRETE TRANSITION
SCALE: 1"=1'-0"



1 CAST IN PLACE CONCRETE PAVING
SCALE: 1"=1'-0"

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Stamford, CT

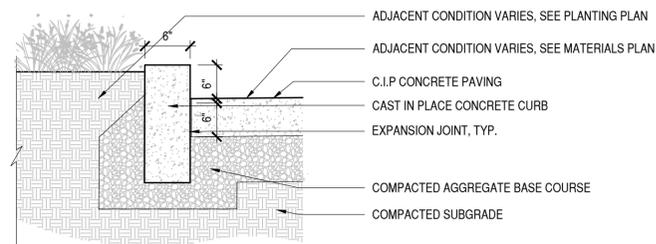
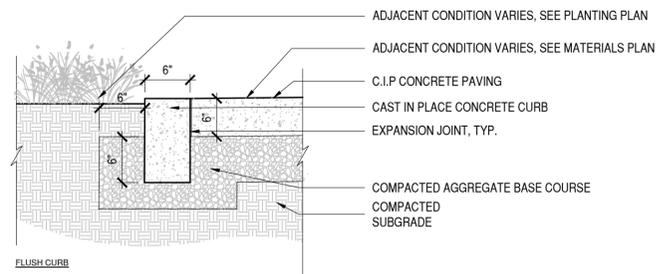
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L05 SITE DETAILS - L05-00 - PAVING

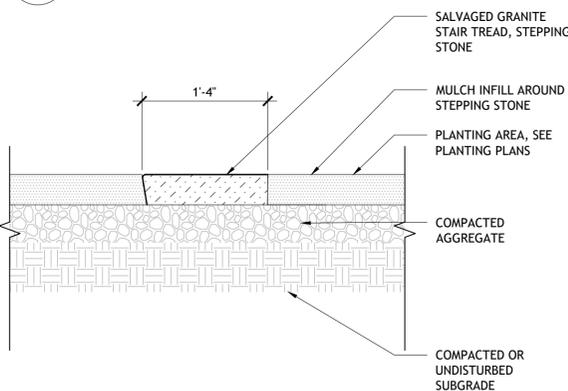
Project No: AG 2227 Scale:
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 03.31.2023

Drawing No: _____

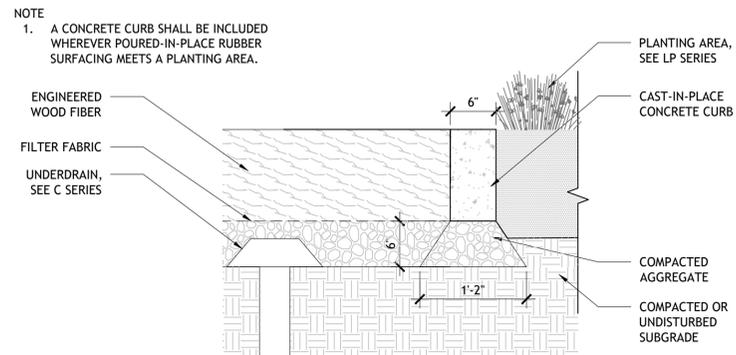
3/30/23 4:58:25 PM G:\Shared Drives\Projects\2022\AG2227 - Mill River Park\02_Working\05_CAD\02_SheetFiles\02_Design Development\L05_SITE DETAILS.dwg



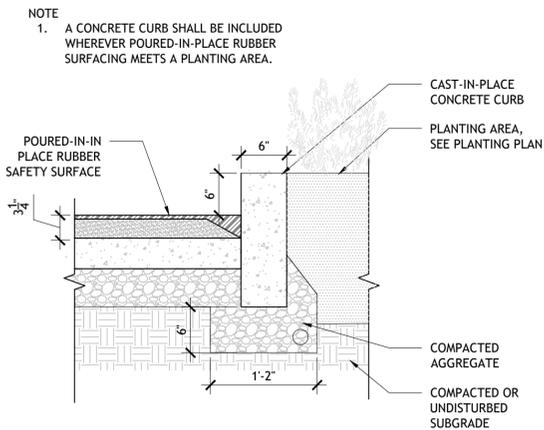
9 CAST IN PLACE CONCRETE CURB
SCALE 1" = 1'-0"



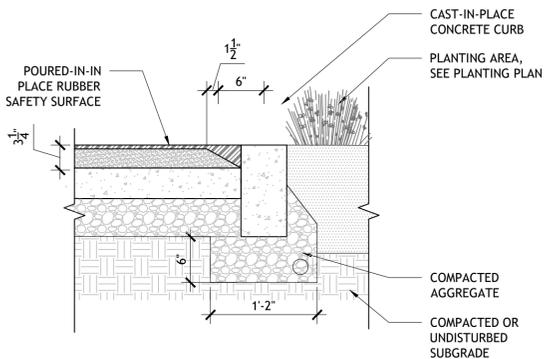
8 STEPPING STONE PATH
SCALE: 1" = 1'-0"



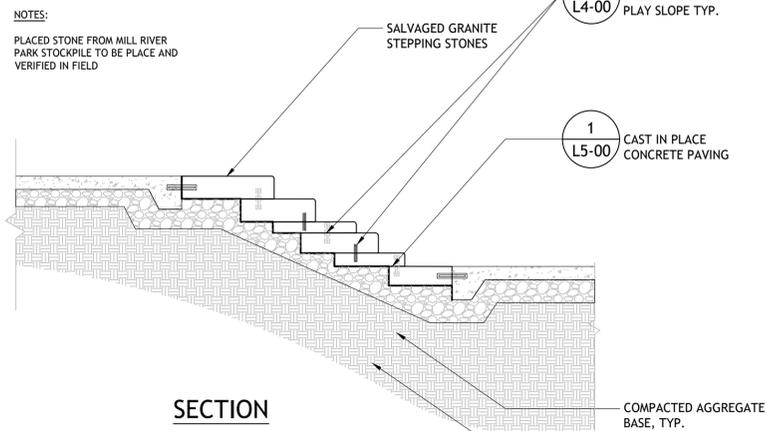
7 ENGINEERD WOOD FIBER AT FLUSH CONCRETE CURB
SCALE: 1" = 1'-0"



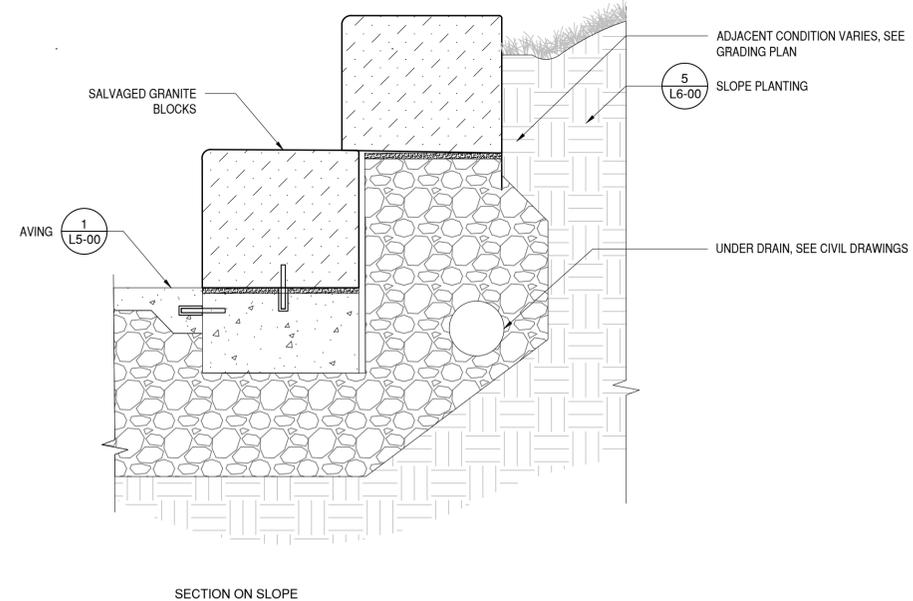
5 POURED-IN-PLACE RUBBER SURFACING AT CONCRETE CURB
SCALE: 1" = 1'-0"



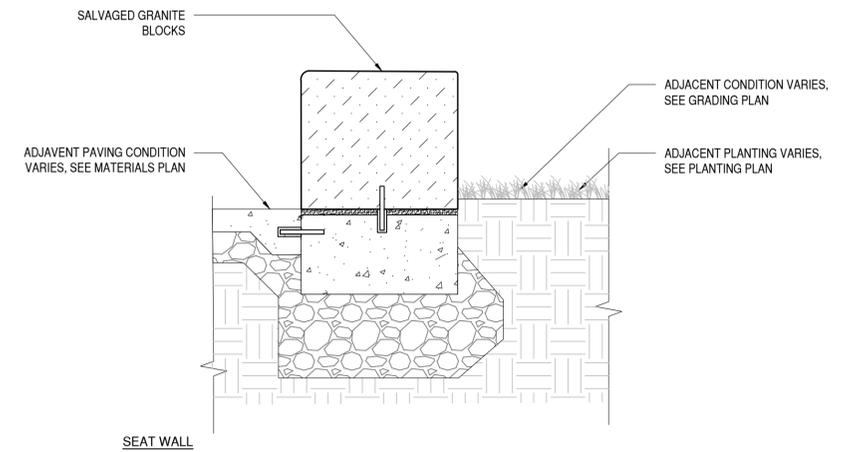
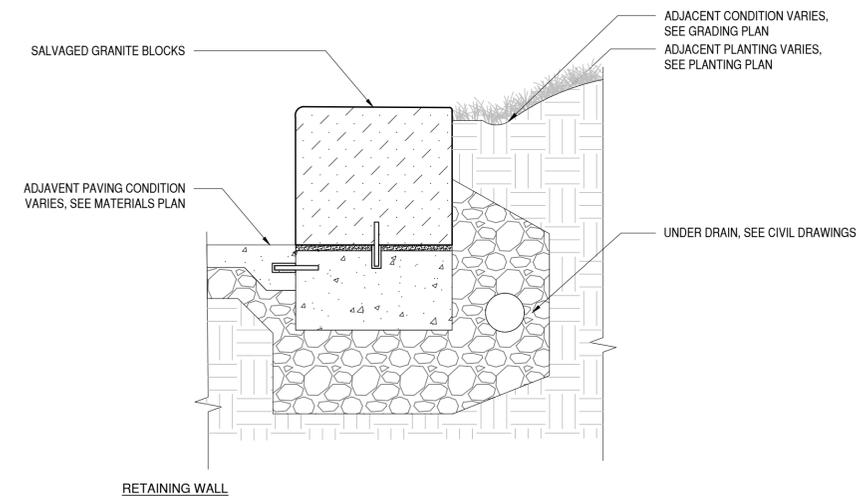
4 POURED-IN-PLACE RUBBER SURFACING AT FLUSH CONCRETE CURB
SCALE: 1" = 1'-0"



3 SECTION AT STONE SCRAMBLE PATH
SCALE 1/2" = 1'



2 GRANITE SEATWALLS ON SLOPE
SCALE 1-1/2" = 1'-0"



1 GRANITE SEATWALL AND RETAINING WALL
SCALE 1-1/2" = 1'-0"

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Mill River Park Collaborative
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(203) 989-0321

1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023
DWG ISSUE & REVISION HISTORY		

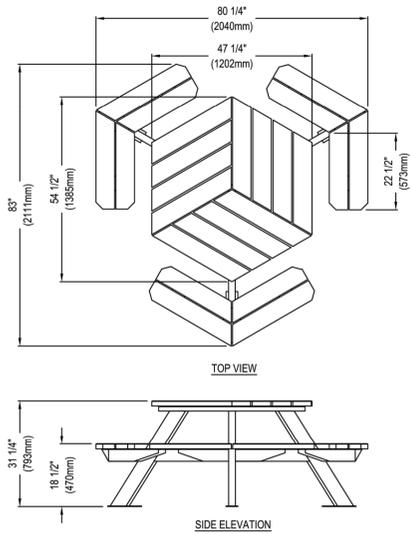
Stamp
DRAFT SD SET NOT FOR CONSTRUCTION

Project Title:
Mill River Park Playground
Stamford, CT

Drawing Title:
SITE DETAILS - SEAT WALLS AND CURBS

Project No: AG 2227 Scale:
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 03.31.2023

Drawing No:
L05-01



NOTES:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
 3. DO NOT SCALE DRAWINGS.
 4. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info REFERENCE NUMBER 2896-022.

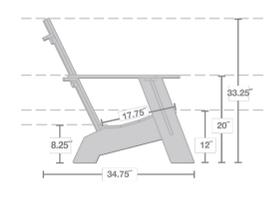
6 EP 2850 PICNIC TABLE
 NOT TO SCALE



curve compact
 SKU: AD-4SCC-(color code)

dimensions:
 width: 28.5" (72.4cm)
 depth: 34.75" (88.1cm)
 height: 33.25" (84.3cm)
 seat depth: 17.75" (45.1cm)
weight: 39 lbs (17.7kg)

312 reclaimed milk jugs



ship dimensions: 30" x 6" x 30"
 ship weight: 53 lbs (24.0kg)

use with:



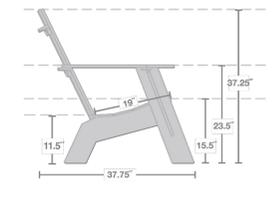
compact ottoman: OT-C



curve tall
 SKU: AD-4SCT-(color code)

dimensions:
 width: 30" (76.2cm)
 depth: 37.75" (95.7cm)
 height: 37.25" (94.3cm)
 seat depth: 19" (48.1cm)
weight: 49 lbs (22.2kg)

392 reclaimed milk jugs



ship dimensions: 30" x 6" x 30"
 ship weight: 49 lbs (22.2kg)

use with:



4 slat tall ottoman: OT-4ST

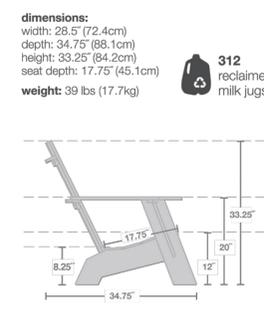
4 KIDS ADIRONDACK CHAIR
 NOT TO SCALE



curve compact
 SKU: AD-4SCC-(color code)

dimensions:
 width: 28.5" (72.4cm)
 depth: 34.75" (88.1cm)
 height: 33.25" (84.3cm)
 seat depth: 17.75" (45.1cm)
weight: 39 lbs (17.7kg)

312 reclaimed milk jugs



ship dimensions: 30" x 6" x 30"
 ship weight: 53 lbs (24.0kg)

use with:



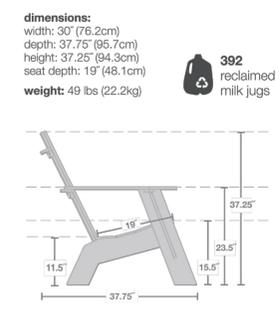
compact ottoman: OT-C



curve tall
 SKU: AD-4SCT-(color code)

dimensions:
 width: 30" (76.2cm)
 depth: 37.75" (95.7cm)
 height: 37.25" (94.3cm)
 seat depth: 19" (48.1cm)
weight: 49 lbs (22.2kg)

392 reclaimed milk jugs



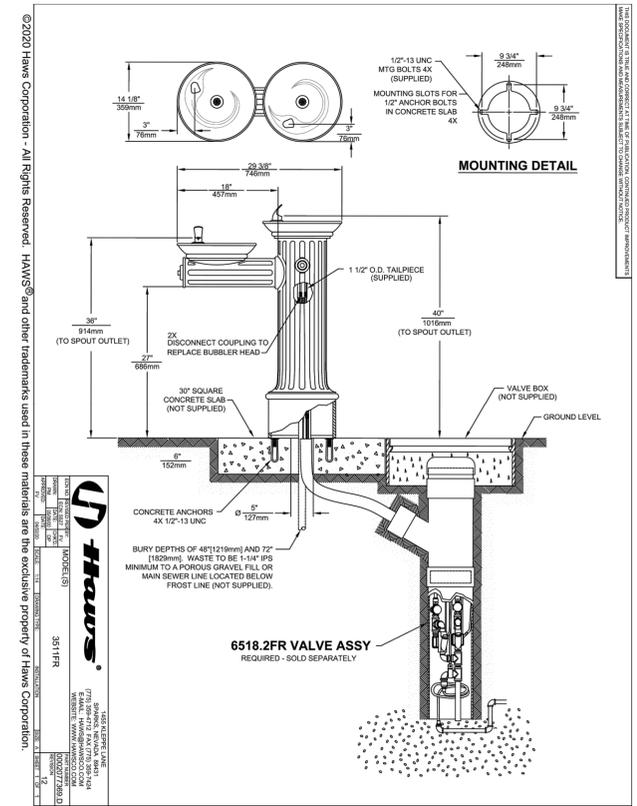
ship dimensions: 30" x 6" x 30"
 ship weight: 49 lbs (22.2kg)

use with:



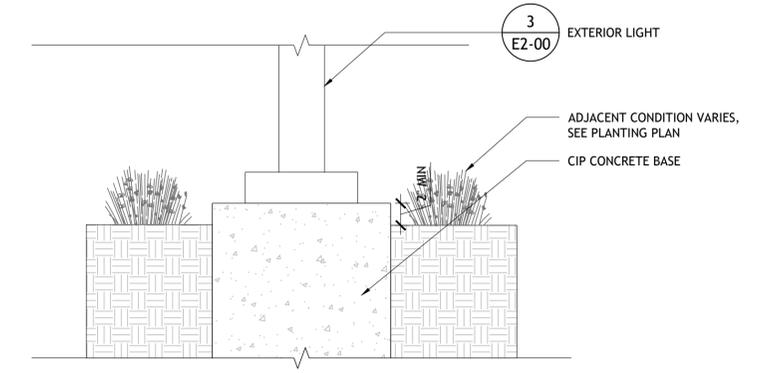
4 slat tall ottoman: OT-4ST

5 4 SLAT ADIRONDACK CHAIR
 NOT TO SCALE

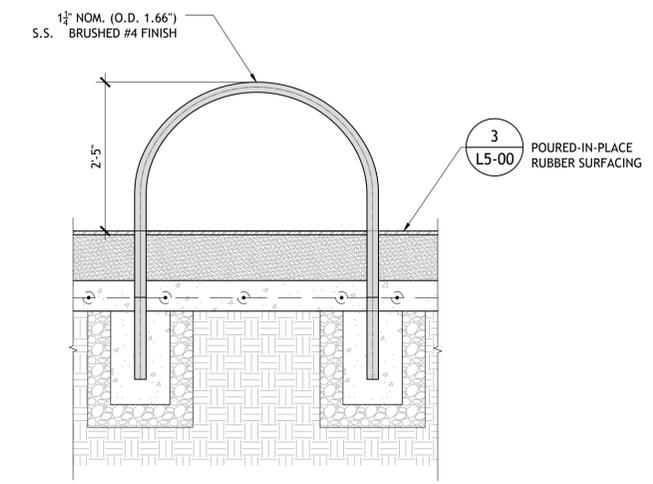


3 DRINKING FOUNTAIN
 NOT TO SCALE

2 LIGHTING IN PLANTING BED
 SCALE: 1"=1'-0"



1 PLAY RINGS IN PIP RUBBER SURFACING
 SCALE: 1"=1'-0"



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1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp

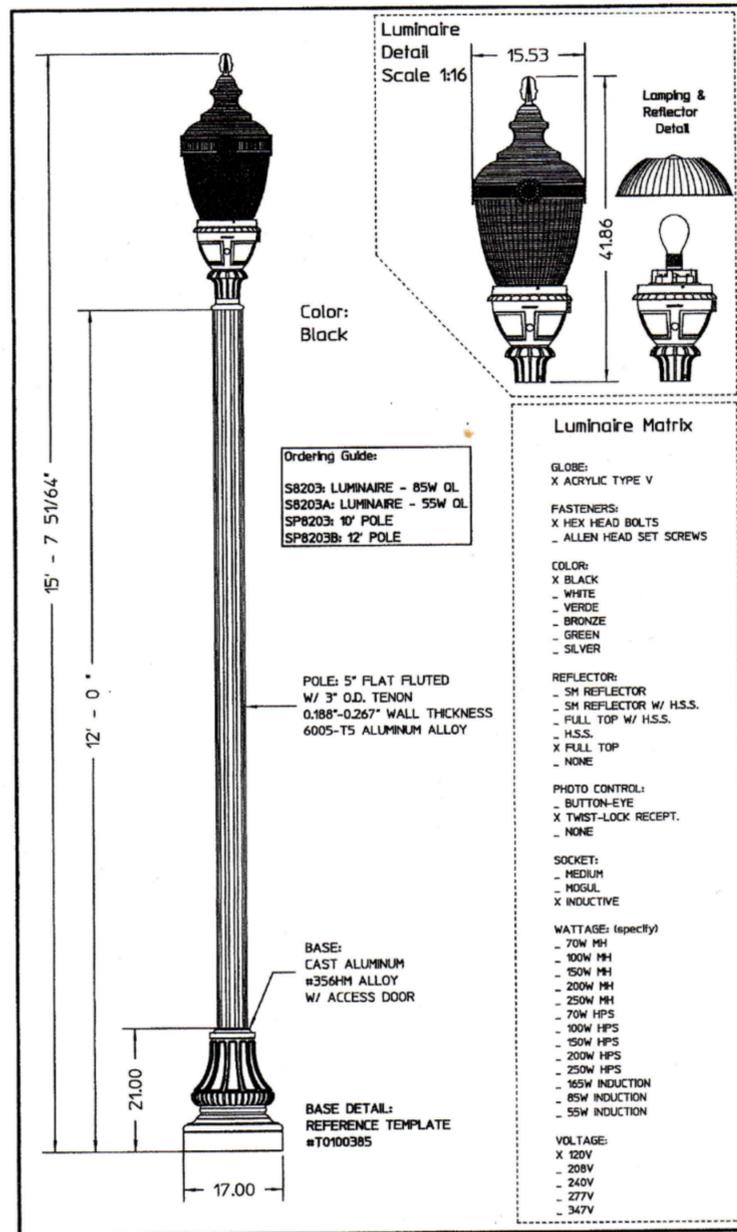
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 NOT FOR CONSTRUCTION**

Project Title:
Mill River Park Playground
 Stamford, CT

Drawing Title:
**SITE DETAILS
 - FURNISHINGS**

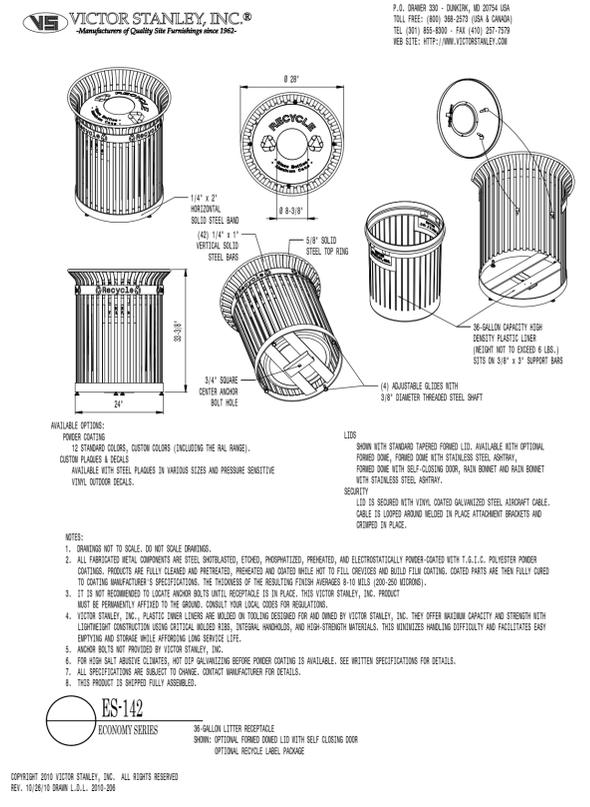
Project No: AG 2227 Scale:
 Drawn By: KW
 Checked By: AF
 Approved By: KT
 Date: 03.31.2023

Drawing No:
L05-02

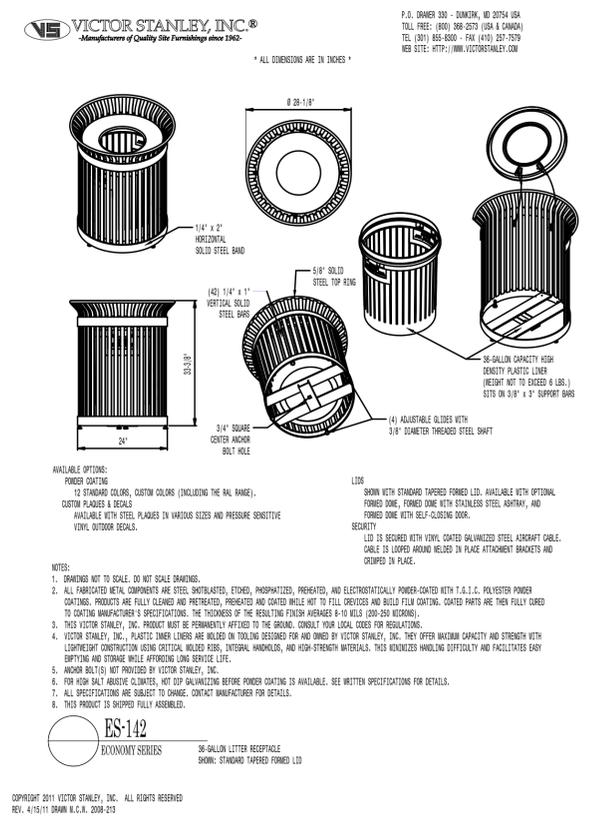


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JOB NAME: City of Stamford - Mill River Park Perimeter	
REP. TERRITORY: 27	DRAWN BY: SMK
SCALE DATE: 1:20 08/25/07	
DRAWING NUMBER: S8203-DWG04	
REP: Lightoller-Connecticut	
REV: E	PCN: 08-089
BY: SMK	DATE: 12/04/08

3 LIGHT POLE
NOT TO SCALE



2 RECYCLING RECEPTACLE WITH FORMED DOMED LID
NOT TO SCALE



1 LITTER RECEPTACLE
NOT TO SCALE

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1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp

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Project Title:
Mill River Park Playground
Stamford, CT

Drawing Title:
SITE DETAILS - FURNISHINGS

Project No: AG 2227 Scale:
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 03.31.2023

Drawing No: **L05-03**

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1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp
**DRAFT SD SET
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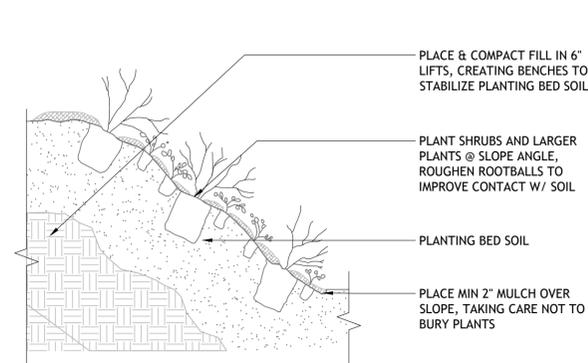
Project Title:
**Mill River Park
Playground**

Stamford, CT

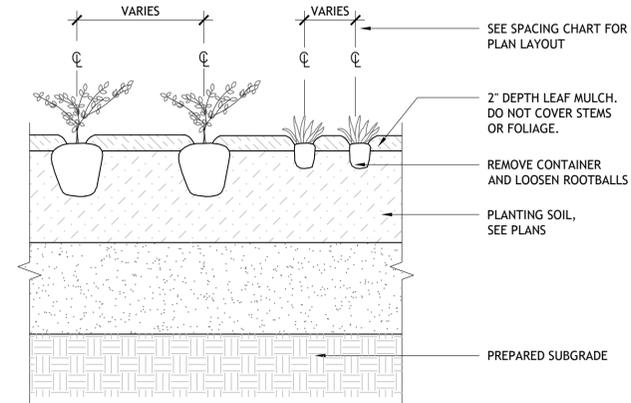
Drawing Title:
PLANTING DETAILS

Project No: AG 2227 Scale:
Drawn By: KW
Checked By: AF
Approved By: KT
Date: 03.31.2023

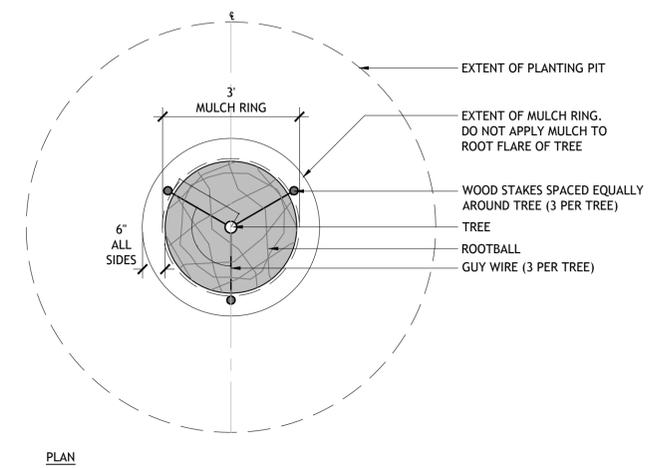
Drawing No:
L06-00



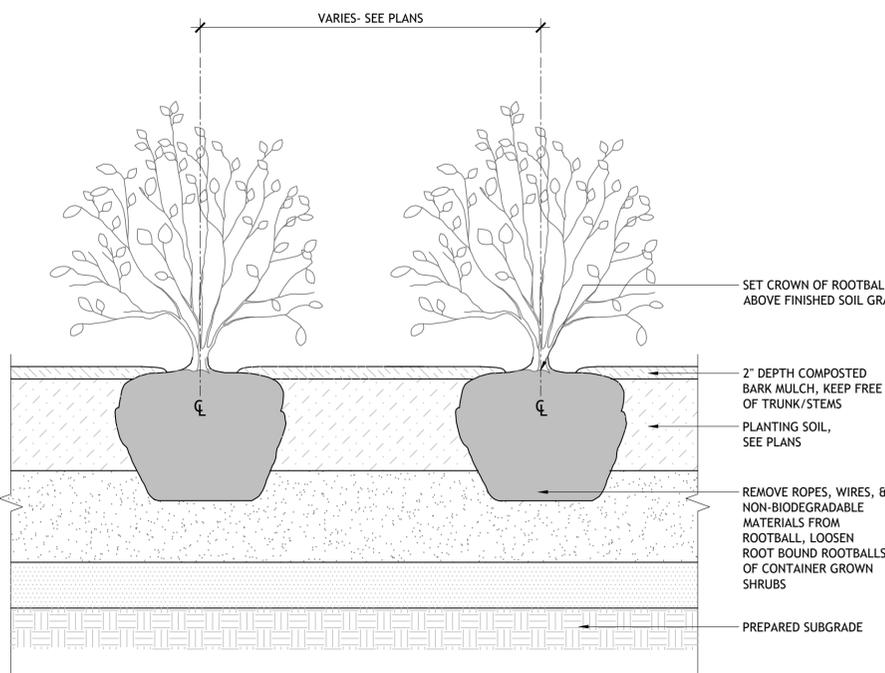
5 SHRUBS AND GROUNDCOVER PLANTING ON SLOPE
SCALE 1"=1'



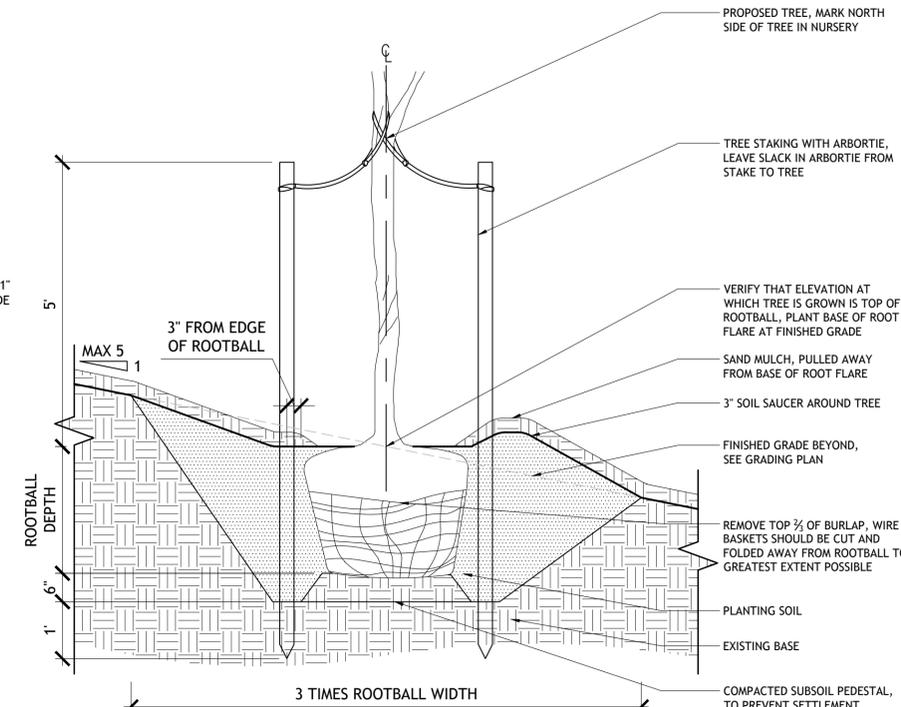
3 PERENNIAL AND GROUNDCOVER PLANTING
SCALE 1"=1'



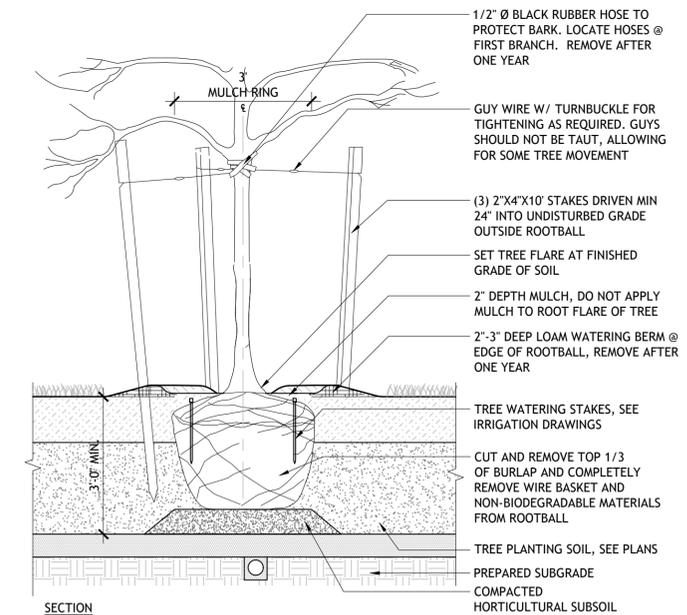
PLAN



4 SHRUBS AND GROUNDCOVER PLANTING
SCALE 1"=1'



2 TREE PLANTING, DECIDUOUS & EVERGREEN ON SLOPE
SCALE: 1/2"=1'-0"



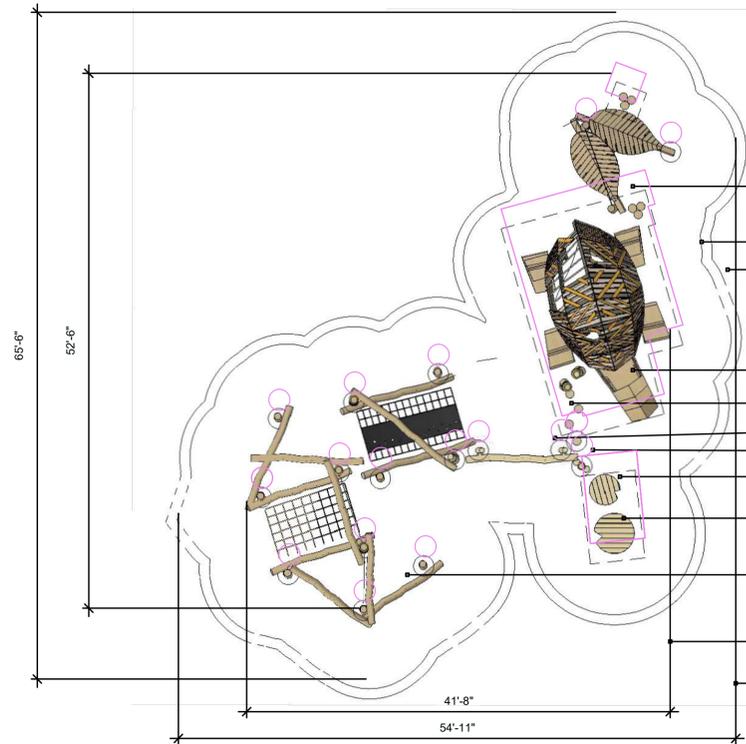
SECTION

- NOTE:
1. SET TREE TRUNK PLUMB VERTICAL.
 2. MULCH SHALL NOT COVER BASE OF TREE TRUNK.
 3. PRUNE BROKEN, CROSSING OR RUBBING BRANCHES.
 4. REFER TO SPECIFICATIONS FOR STAKING INFORMATION.

NEW TREE

1 TREE PLANTING AT PLANTING BED
SCALE 1/2"=1'

01 PLAN VIEW
SCALE: 3/32" = 1'-0"



- DUAL LEAF CLIMBER.
- 6' FALL ZONE REQUIRED.
- 7' FALL ZONE RECOMMENDED.
- LARGE TURTLE SCULPTURE.
- LOG STEPPER.
- TRAVERSE RINGS
- BOG STILTS
- SMALL LILYPAD WOBBLE BOARD.
- LARGE LILYPAD WOBBLE BOARD.
- HURON LOG JAM
- INNER MEASUREMENTS FOR EQUIPMENT DIMENSIONS.
- OUTER MEASUREMENTS FOR OVERALL FALL ZONE.

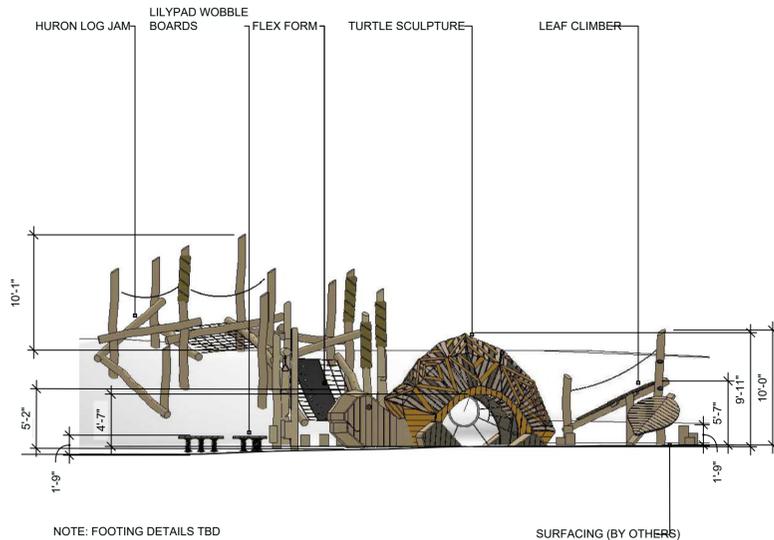
KEY DATA
 MAXIMUM EQUIPMENT HEIGHT: 13'-9"
 CRITICAL FALL HEIGHT: 9'-10"
 AREA OF FALL ZONE: ~1983 ft²
 INTENDED AGE GROUP: 5-12

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 - SURFACING: WHEN AN IMPACT-ABSORBING SURFACE MATERIAL IS REQUIRED, IT MUST COMPLY WITH ASTM F-1292 (MOST RECENT EDITION) FOR THE DEFINED FALL HEIGHT OF THE EQUIPMENT SPECIFIED IN DRAWINGS BY EARTHSCAPE OR A CONTRACTUALLY OBLIGATED CRITICAL HEIGHT SPECIFIED IN ADVANCE. ENSURE USE ZONES, SAFETY ZONES, AND/OR PROTECTIVE SURFACING ZONES AROUND ALL PLAY EQUIPMENT ARE COMPLIANT WITH ASTM F-1292 (MOST RECENT EDITION) - BY OTHERS.
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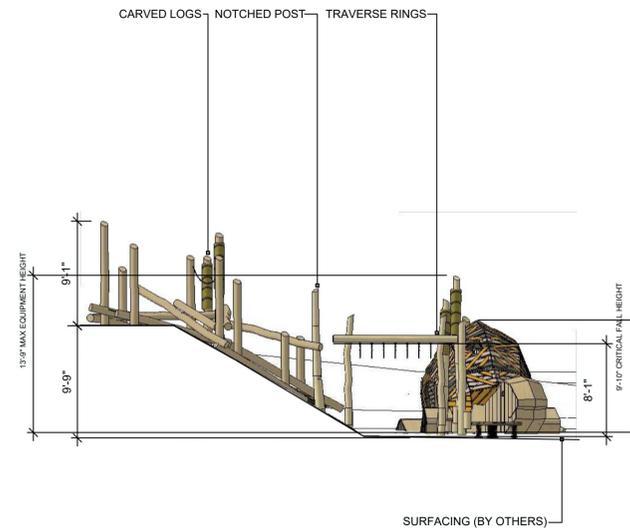
NOT FOR CONSTRUCTION

APPROXIMATE FOOTING LOCATION - SEE DETAILS ON PE-05

01 SIDE ELEVATION
SCALE: 3/16" = 1'-0"



02 FRONT ELEVATION
SCALE: 3/16" = 1'-0"



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NO.	DESCRIPTION	DATE
1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp

Project Title:

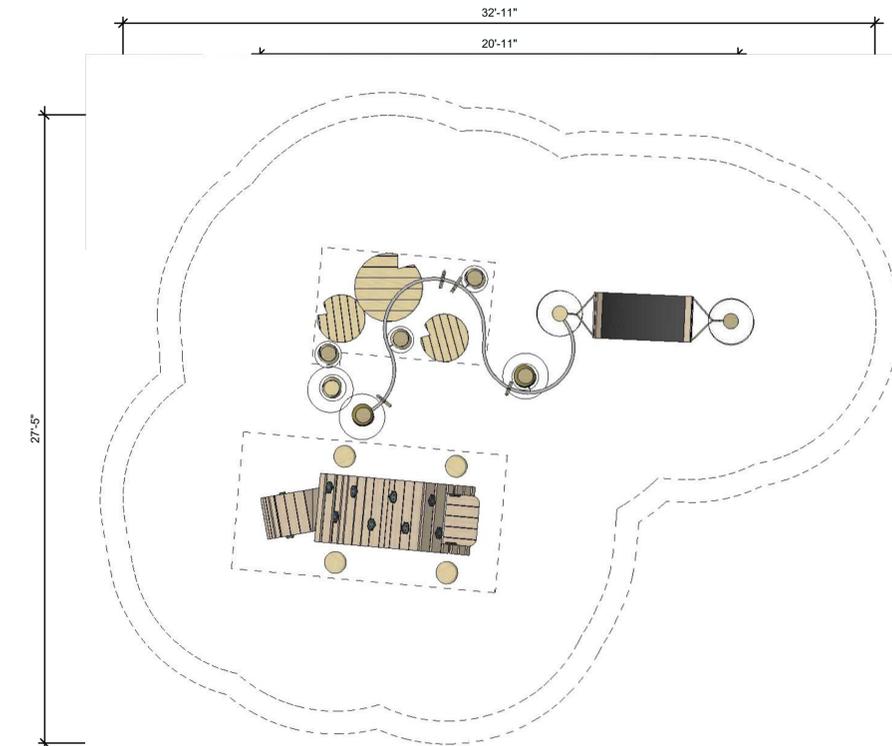
Drawing Title: Sr. Area Plan View & Elevations

PLAY EQUIPMENT PLAN & ELEVATION- SENIOR

Project No: AG 2227 Scale: 1/8"=1'-0"
 Drawn By:
 Checked By:
 Approved By:
 Date: 01.13.2023

Drawing No: **PE01-00**

01 PLAN VIEW
SCALE: 1/4" = 1'-0"



— INNER MEASUREMENTS FOR EQUIPMENT DIMENSIONS.
— OUTER MEASUREMENTS FOR OVERALL FALLZONE.

— 7' FALL ZONE RECOMMENDED.
— 6' FALL ZONE REQUIRED.

— FLEX FORM TRIANGLES.
— LILYPAD STEPPING PLATFORMS.
— FLEX FORM HAMMOCK.
— NOTCHED POSTS.
— MAGNACUS.

— SMALL TURTLE SCULPTURE.
— TURTLE LEG STEPPERS.

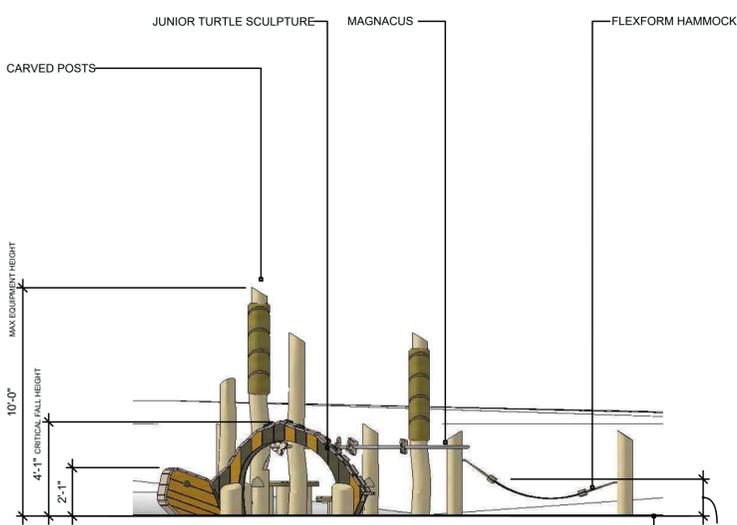
KEY DATA
 MAXIMUM EQUIPMENT HEIGHT: 10'-0"
 CRITICAL FALL HEIGHT: 4'-1"
 AREA OF FALL ZONE: ~603 ft²
 INTENDED AGE GROUP: 2-5

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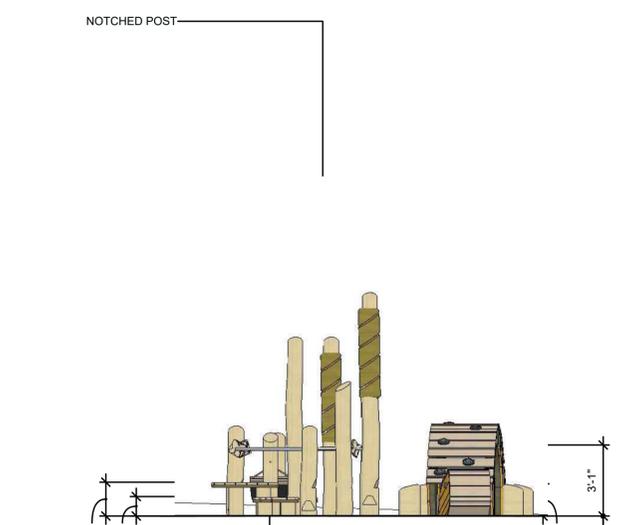
— APPROXIMATE FOOTING LOCATION - SEE DETAILS ON PE-05

01 SIDE ELEVATION
SCALE: 1/4" = 1'-0"



NOTE: FOOTING DETAILS TBD

02 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



NOTE: FOOTING DETAILS TBD

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Mill River Park Collaborative

Mill River Park Collaborative
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1	100% SCHEMATIC DESIGN	01.13.2023
2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp

Project Title:

Drawing Title: Jr. Area Plan View & Elevations

PLAY EQUIPMENT PLAN & ELEVATION - JUNIOR

Project No: AG 2227 Scale: 1/4"=1'-0"
 Drawn By:
 Checked By:
 Approved By:
 Date: 01.13.2023

Drawing No: **PE02-00**

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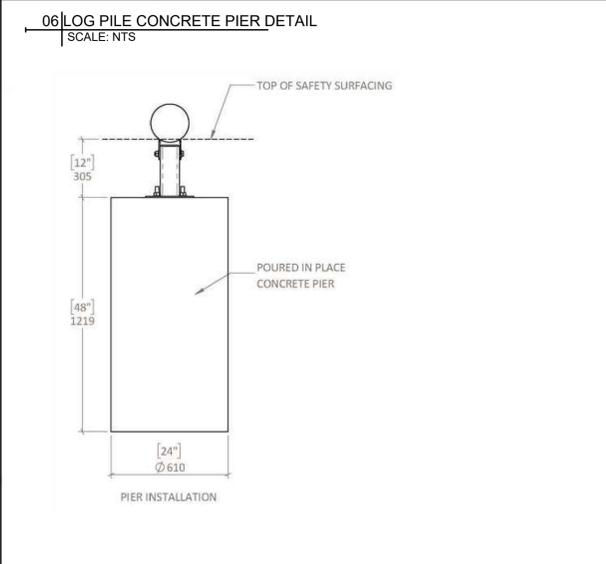
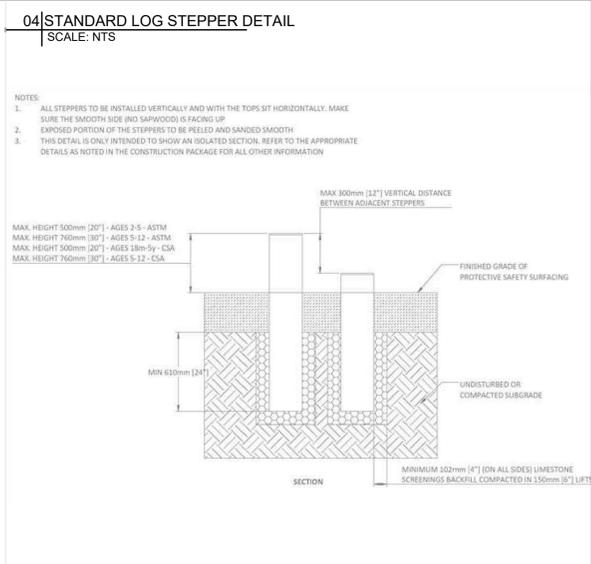
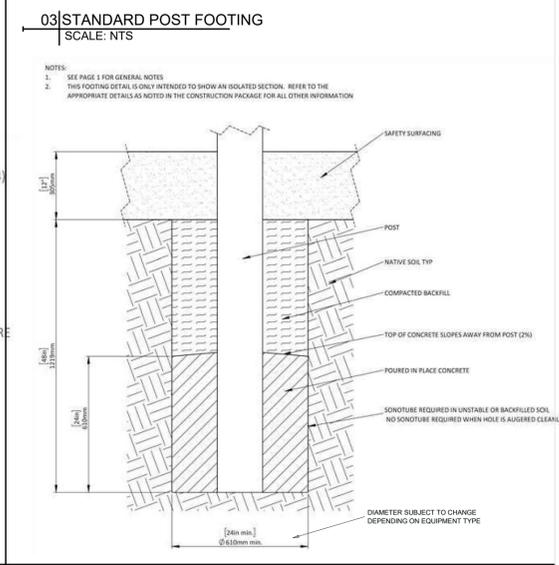
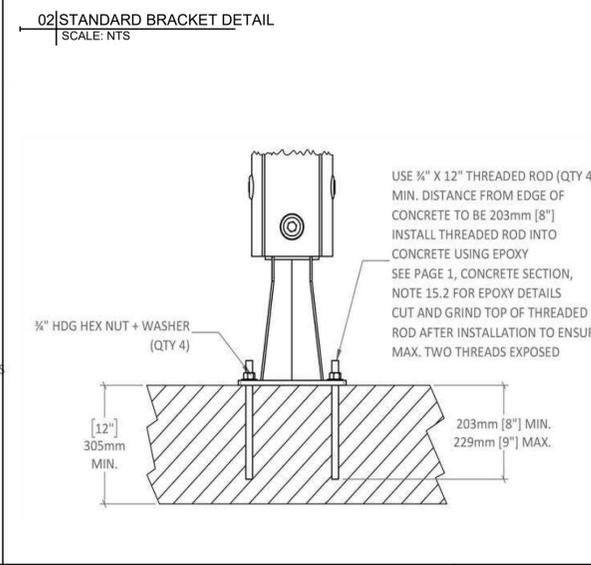
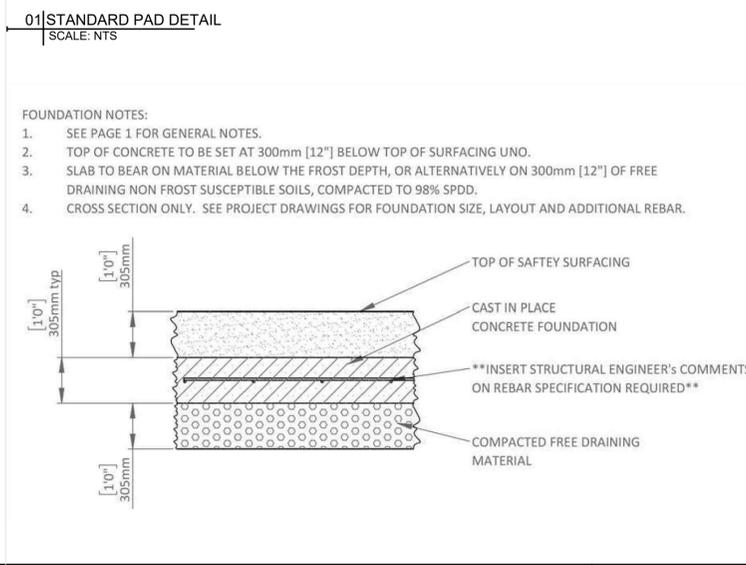
Stamp

Project Title:

Drawing Title: Preliminary Footing Details
**PLAY EQUIPMENT
DETAILS - FOOTINGS**

Project No: AG 2227 Scale: NTS
Drawn By:
Checked By:
Approved By:
Date: 01.13.2023

Drawing No: **PE03-00**



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PROPERTY OF EARTHSCAPE

PROPERTY OF EARTHSCAPE

ELECTRICAL SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
■	SURFACE MOUNTED PANELBOARD	⊕	DUPLEX RECEPTACLE WITH WEATHERPROOF COVER
□	DISCONNECT SWITCH	⊕	SPECIAL PURPOSE CONNECTION
⊕	FUSED DISCONNECT SWITCH	S	SINGLE POLE TOGGLE SWITCH
⊕	COMBINATION STARTER/DISCONNECT SWITCH	E	EMERGENCY CALL TOGGLE SWITCH
⊕	ELECTRICAL MOTOR	⊕	EMERGENCY CALL FOR AID COMBINATION BUZZER/LIGHT
⊕	BRANCH CIRCUIT WIRING, CONCEALED IN WALLS OR CEILINGS	⊕	EXTERIOR BUILDING MOUNTED LIGHTING FIXTURE
⊕	HOMERUN TO PANELBOARD, UNLESS INDICATED OTHERWISE SHALL BE CONNECTED TO A 1 POLE, 20 AMP CIRCUIT BREAKER	⊕	PENDANT MOUNTED FLUORESCENT LIGHTING FIXTURE
⊕	BRANCH CIRCUIT WIRING, SWITCHED	⊕	RECESSED FLUORESCENT LIGHTING FIXTURE
⊕	BRANCH CIRCUIT WIRING BELOW GRADE/SLAB	⊕	WALL MOUNTED FLUORESCENT LIGHTING FIXTURE
⊕	UNDERGROUND PRIMARY ELECTRICAL SERVICE	⊕	FLOURESCENT INDUSTRIAL OR STRIP TYPE FIXTURE
⊕	UNDERGROUND SECONDARY ELECTRICAL SERVICE	⊕	WALL SCONCE
⊕	JUNCTION BOX	⊕	WALL MOUNTED LIGHTING FIXTURE
⊕	DUPLEX WALL MOUNTED RECEPTACLE	⊕	SELF CONTAINED EMERGENCY LIGHTING FIXTURE WITH BATTERY
⊕	DUPLEX RECEPTACLE, MOUNT ABOVE COUNTER HEIGHT	⊕	SELF CONTAINED EMERGENCY LIGHTING FIXTURE WITH REMOTE CAPABILITY
⊕	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTION	⊕	REMOTE EMERGENCY HEAD

ELECTRICAL ABBREVIATIONS			
A/AMP	AMPERE	JB	JUNCTION BOX
AC	ALTERNATING CURRENT	KMIL	THOUSAND CIRCULAR MILS
ACU	AIR CONDITIONING UNIT	KVA	KILOVOLT AMPERE
AFF	ABOVE FINISHED FLOOR	KW	KILOWATT
AFG	ABOVE FINISHED GRADE	MAX	MAXIMUM
AHU	AIR HANDLING UNIT	MAU	MAKE UP AIR UNIT
AIC	AMPS INTERRUPTING CURRENT	MCC	MOTOR CONTROL CENTER
ATS	AUTOMATIC TRANSFER SWITCH	MCCB	MOLDED CASE CIRCUIT BREAKER
AWG	AMERICAN WIRE GAUGE	MH	METAL HALIDE
BSMT	BASEMENT	MIN	MINIMUM
C	CONDUIT	MLO	MAIN LUGS ONLY
CATV	CABLE TELEVISION	NA	NOT APPLICABLE
C/B	CIRCUIT BREAKER	NEC	NATIONAL ELECTRIC CODE
CKT	CIRCUIT	NIC	NOT IN CONTRACT
COMP	COMPRESSOR	NL	NEW LOCATION OF EXISTING RELOCATED
CP	CONDENSATE PUMP	NR	NEW TO REPLACE EXISTING
CT	CURRENT TRANSFORMER	NTS	NOT TO SCALE
CU	CONDENSING UNIT, COPPER	P	POLE
CUH	CABINET UNIT HEATER	PE	PRIMARY ELECTRICAL SERVICE
DETD	DUAL ELEMENT TIME DELAY	PF	POWER FACTOR
DIA/Ø	DIAMETER	PH/Ø	PHASE
DN	DOWN	PNL	PANEL
DWG	DRAWING	PVC	POLYVINYL CHLORIDE CONDUIT
E	EXISTING TO REMAIN	RE	REMOVE EXISTING
EF	EXHAUST FAN	RGS	RIGID GALVANIZED STEEL CONDUIT
ELEC	ELECTRICAL	RL	RELOCATE EXISTING
ELEV	ELEVATOR	RM	ROOM
EMT	ELECTRIC METALLIC TUBING	RR	REMOVE AND REPLACE ON NEW SURFACE
EUH	ELECTRIC UNIT HEATER	RTU	ROOFTOP UNIT
EWC	ELECTRIC WATER COOLER	SE	SECONDARY ELECTRICAL SERVICE
EWH	ELECTRIC WATER HEATER	SPEC	SPECIFICATION
F	FAHRENHEIT	SWBD	SWITCHBOARD
FA	FIRE ALARM	TELE	TELECOMMUNICATIONS/TELEPHONE
FAFP	FIRE ALARM CONTROL PANEL	TV	TELEVISION
FC	FOOT CANDLE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
FCU	FAN COIL UNIT	T/TX	TRANSFORMER
G	GROUND	TYP	TYPICAL
GFI	GROUND FAULT INTERRUPTER	UH	UNIT HEATER
HP	HORSE POWER	V	VOLTS
HPS	HIGH PRESSURE SODIUM	VA	VOLT AMPERE
HR	HOUR	VAC	VOLTS ALTERNATING CURRENT
HZ	HERTZ	W	WATT, WIRE
IG	ISOLATED GROUND	WG	WIRE GUARD
IN	INCHES	WP	WEATHERPROOF

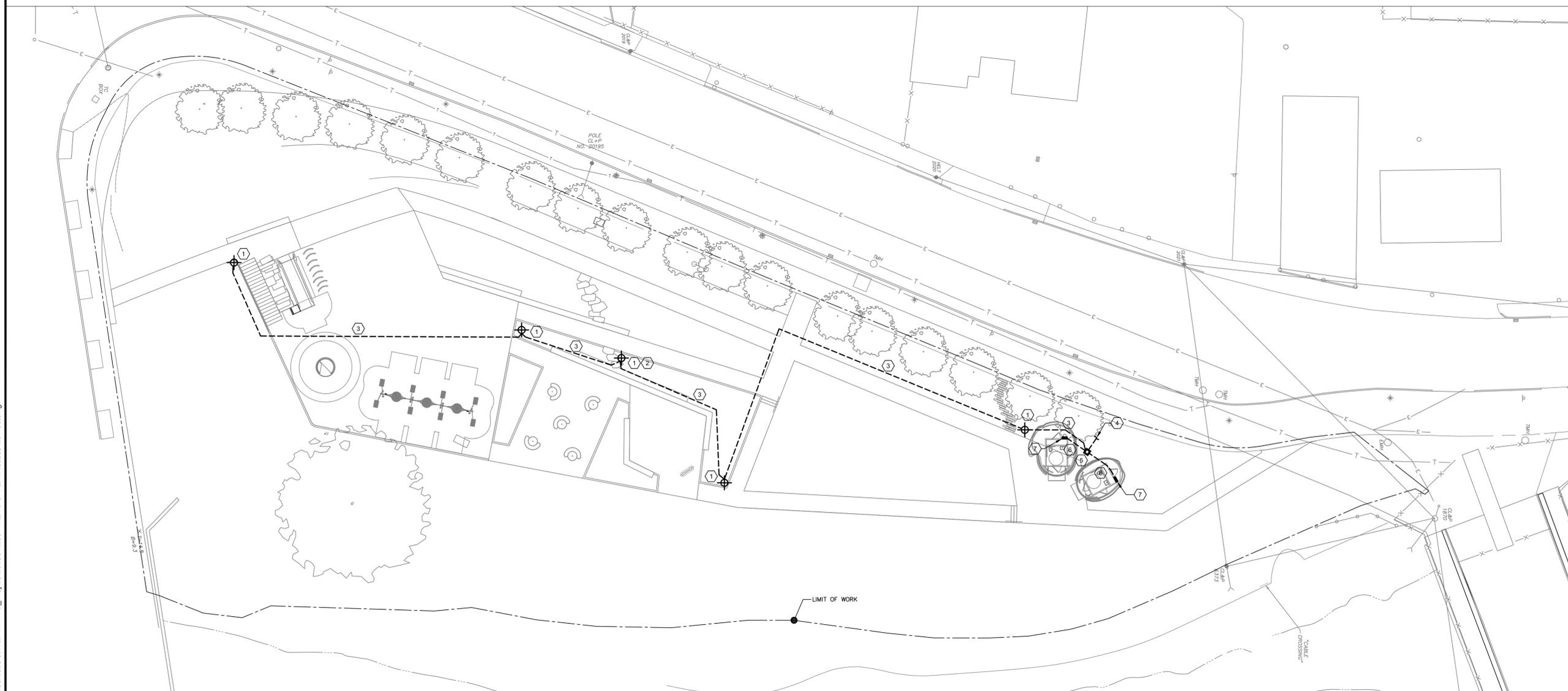
ELECTRICAL KEYNOTES	
1	TOWN OF STAMFORD STANDARD SINGLE GLOBE LIGHT POLE, HADCO C13813 WITH LUMINOUS LED ENGINE AND FULL TOP REFLECTOR; SEE SPECIFICATIONS FOR MORE INFORMATION.
2	PROVIDE LIGHTING POLE WITH WEATHERPROOF RECEPTACLE OPTION INSTALLED ABOVE POLE BASE. PROVIDE 2#12, 1#12G IN 1" CONDUIT TO LIGHT FIXTURE POLES, FEED FROM 20A-1P BREAKER IN LOAD CENTER OF METER ENCLOSURE.
4	100A 120/208V SINGLE PHASE PRIMARY FEEDER IN 3" SCHEDULE 40 CONDUIT FROM EVERSOURCE DISTRIBUTION; PROVIDE WITH 1/4" NYLON DRAG DRAG LINE FOR PULLING OF SERVICE FEEDERS.
5	PROVIDE PAD MOUNTED OUTDOOR METER ENCLOSURE WITH INTEGRAL LOAD CENTER RATED FOR 100A. PROVIDE MILBANK CP3B51215ANEUSPX.
6	2#3, #6 IN 2" CONDUIT FOR FEEDER FROM LOAD CENTER IN ENCLOSURE TO LOAD CENTER MOUNTED TO OUTSIDE OF RESTROOM.
7	100A MLO LOAD CENTER PROVIDED BY RESTROOM MANUFACTURER, FEED FROM 100A-2P BREAKER IN OUTDOOR LOAD CENTER.

ELECTRICAL SITE NOTES	
1.	REFER TO DRAWING E02-00 FOR SITE ELECTRICAL DETAILS.
2.	WHERE UNDERGROUND UTILITIES ARE LIKELY TO BE ENCOUNTERED THE CONTRACTOR SHALL EXCAVATE BY HAND.
3.	REFER TO LANDSCAPE & CIVIL SITE PLANS FOR FINAL LOCATIONS OF LIGHTING FIXTURES, EQUIPMENT PADS AND OTHER SITE UTILITIES.
4.	EXACT PATH OF NEW UNDERGROUND UTILITY FEED NOT SHOWN. COORDINATE FINAL ROUTING TO POINT OF INTERCONNECTION WITH UTILITY.
5.	PROVIDE CONDUIT PLUGS WITH 1/4" NYLON DRAG LINE ATTACHED IN ALL EMPTY CONDUITS.

UNDERGROUND UTILITY NOTE	
THE CONTRACTOR IS TO BE FULLY RESPONSIBLE FOR CONTACTING THE LOCAL CABLE, TELEVISION COMPANY, POWER COMPANY, TELEPHONE COMPANY, GAS COMPANY, WATER AND SEWER COMPANY AND ANY OTHER UTILITY COMPANY WITHIN THE AREA PRIOR TO PROCEEDING WITH ANY EXCAVATION. BY LAW, THE CONTRACTOR IS REQUIRED TO CALL BEFORE DOING ANY EXCAVATION, DIGGING HOLES OR DRIVING POSTS REGARDLESS OF WHETHER IT IS WITHIN THE STREET LINE OR ON PRIVATE PROPERTY. OBTAIN INFORMATION REGARDING THE EXISTENCE AND LOCATION OF ANY UNDERGROUND FACILITIES BY CALLING 1-800-922-4455.	

SYMBOL LIST NOTE

THE SYMBOL LIST AND ABBREVIATIONS DEFINE ITEM INDICATED ON THE DRAWINGS. NOT ALL SYMBOLS AND ABBREVIATIONS DEFINED HEREIN ARE NECESSARILY USED ON THIS PROJECT.



3/30/2023 9:17:24 AM P:_Proj\23\2023012.00 - Mill River Park\Plottiles\E01-00.dwg

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2	100% DESIGN DEVELOPMENT	03.31.2023

DWG ISSUE & REVISION HISTORY

Stamp

NOT FOR CONSTRUCTION

Project Title:
**Mill River Park Collaborative
Playground**

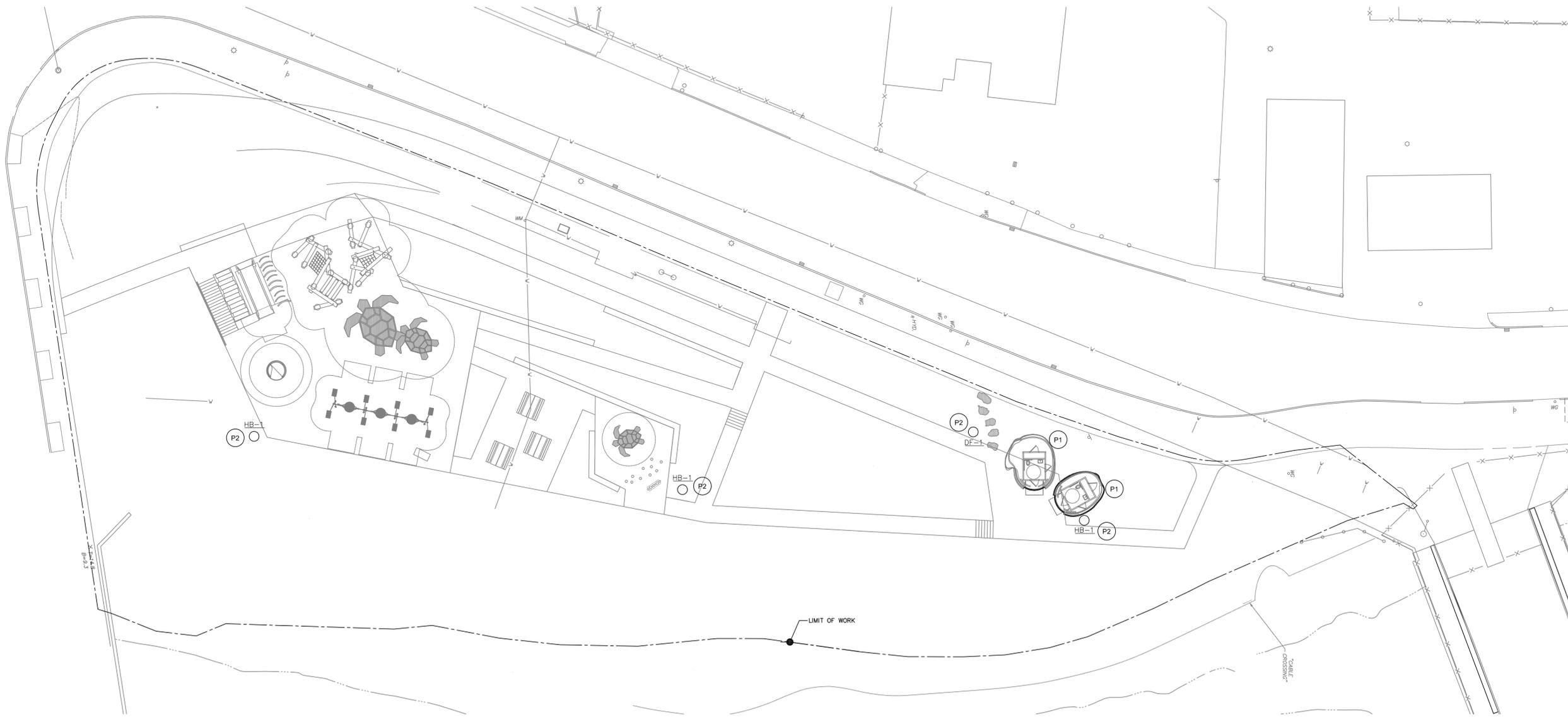
Stamford, CT

Drawing Title:
ELECTRICAL SITE PLAN

Project No: 2023012.00 Scale: 1" = 20'-0"
 Drawn By: MHP
 Checked By: RSM
 Approved By: MTB
 Date: 03/31/2023

Drawing No:
E01-00

PLUMBING KEY NOTES	
P1	PLUMBING CONTRACTOR TO CONNECT FROM UNDERGROUND CW SUPPLY LINE INTO BATHROOM PIPING CAVITY. PROVIDE SHUTOFF VALVE AND CAPPED TEE FOR DRAINING / WINTERIZING. CONNECT SAN TO CIVIL.
P2	PLUMBING CONTRACTOR TO CONNECT FROM UNDERGROUND CW SUPPLY LINE INTO BASE OF FIXTURE. PROVIDE SHUTOFF VALVE AND CAPPED TEE FOR DRAINAGE / WINTERIZING.



1 PLUMBING PLAN
SCALE: 1"=20'0"

3/30/2023 11:46:49 AM P:_Proj\23\2023012.00 - Mill River Park\Plottings\P01-00.dwg

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DWG ISSUE & REVISION HISTORY

Stamp

NOT FOR CONSTRUCTION

Project Title:
**Mill River Park
Playground**

Stamford, CT

Drawing Title:
PLUMBING PLAN

Project No: 2023012.00 Scale: 1" = 20'-0"
Drawn By: MMW
Checked By: MTB
Approved By: MTB
Date: 03/31/2023

Drawing No:
P01-00

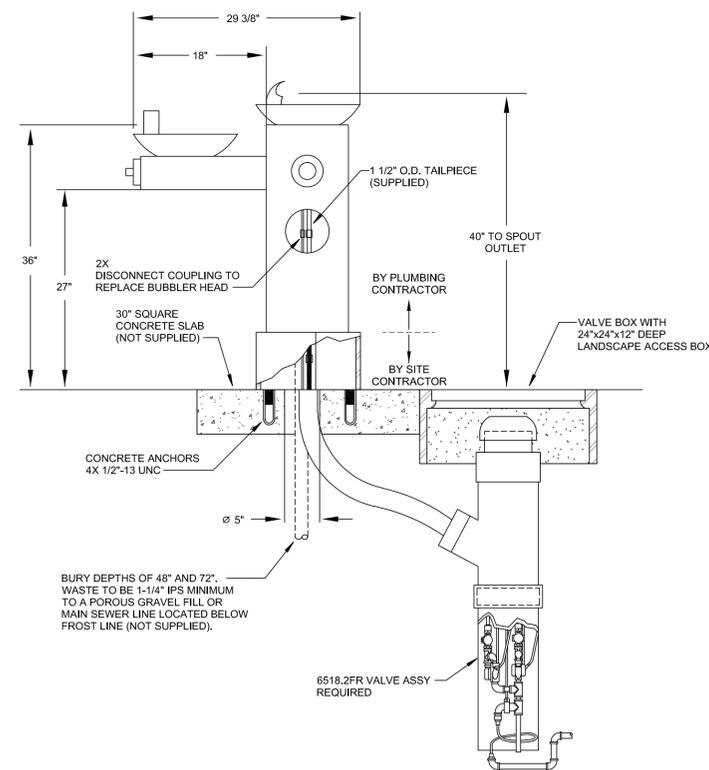
PLUMBING FIXTURE SCHEDULE				
SYMBOL	MANUFACTURER/ MODEL NUMBER	DESCRIPTION	TRIM AND ACCESSORIES	REMARKS
DF-1	HAWS CO MODEL #3511FR	DRINKING FOUNTAIN, FREEZE RESISTANT, HI-LO, BARRIER FREE, HEAVY DUTY CAST ALUMINUM	CHROME PLATED BRASS BUBBLER HEAD W/ INTEGRAL BASIN SHANK, VANDAL RESISTANT, INCLUDE 6518.2FR VALVE ASSEMBLY	#1,2
HB-1	ELKAY MODEL #LK4461YHLHB	HOSE BIB, YARD HYDRANT WITH LOCKING HOSE BIB, NON-FILTERED, NON-REFRIGERATED	HEAVY DUTY, VANDAL RESISTANT	#1,2
REMARKS: 1. PROVIDE ISOLATION VALVES AT THE SUPPLY PIPE CONNECTIONS. 2. COLOR SHALL BE SELECTED BY OWNER.				

PLUMBING ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BTU	BRITISH THERMAL UNIT
CFH	CUBIC FEET PER HOUR
CI	CAST IRON
CW	COLD WATER
DF	DRINKING FOUNTAIN
DN	DOWN
DSN	DOWN SPOUT NOZZLE
DW	DIRECT WASTE
ET	EXPANSION TANK
EWC	ELECTRIC WATER COOLER
FCO	FLOOR CLEANOUT
FFE	FINISHED FLOOR ELEVATION
FGCO	FINISHED GRADE CLEANOUT
FM	FORCED MAIN
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
INT	INTERCEPTOR
INV ELEV	INVERT ELEVATION
IW	INDIRECT WASTE
LAV	LAVATORY
MBH	THOUSAND BTU PER HOUR
NPW	NON-POTABLE WATER
PRV	PRESSURE REDUCING VALVE
PW	POTABLE WATER
RPPB	REDUCED PRESSURE BACKFLOW PREVENTER
SAN	SANITARY
SS	SOIL STACK
ST	STORM
SST	SECONDARY STORM
TMV	THERMOSTATIC MIXING VALVE
TP	TRAP PRIMER
TW	TEMPERED WATER
TYP	TYPICAL
U	URINAL
V	VENT
VS	VENT STACK
VTR	VENT THRU ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
WHA	WATER HAMMER ARRESTOR
WHYD	WALL HYDRANT
WS	WASTE STACK
W&V	WASTE AND VENT
YH	YARD HYDRANT

PLUMBING PIPING LEGEND	
SYMBOL	DESCRIPTION
---	COLD WATER
----	HOT WATER (110°F)
-----	HOT WATER (140°F)
-----140°F-----	HOT WATER RECIRCULATION (110°F)
-----140°F-----	HOT WATER RECIRCULATION (140°F)
-----TW-----	TEMPERED WATER (85°F)
-----PW-----	POTABLE WATER
-----NPW-----	NON-POTABLE WATER
-----NPCW-----	NON POTABLE COLD WATER
-----NPHW-----	NON POTABLE HOT WATER
-----	SANITARY WASTE ABOVE FLOOR
-----	SANITARY WASTE BURIED
-----	VENT
-----	90° ELBOW DOWN
-----	90° ELBOW UP
-----	TEE UP
-----	TEE DOWN
-----	DROP AND RUN
-----	TEE OFF TOP OF PIPE
-----	TEE OFF BOTTOM OF PIPE
-----	CONCENTRIC REDUCER
-----	ECCENTRIC REDUCER
-----	UNION
-----	FLANGE
-----	END CAP
-----	CLEANOUT
-----	FLOOR CLEANOUT
-----	HOSE BIBB
-----	WALL HYDRANT
-----	PIPE GUIDES
-----	PIPE ANCHORS
-----	DIRECTION OF FLOW

PLUMBING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
[Symbol]	OS&Y GATE VALVE
[Symbol]	GATE VALVE
[Symbol]	CHECK VALVE
[Symbol]	BALL VALVE
[Symbol]	BALANCING VALVE
[Symbol]	THERMOSTATIC MIXING VALVE
[Symbol]	GLOBE VALVE
[Symbol]	BUTTERFLY VALVE
[Symbol]	PLUG VALVE
[Symbol]	EMERGENCY GAS SHUT-OFF VALVE
[Symbol]	RELIEF VALVE
[Symbol]	DOUBLE CHECK VALVE ASSEMBLY
[Symbol]	REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY AND DRAIN
[Symbol]	STRAINER
[Symbol]	FLOOR DRAIN/FLOOR SINK/AREA DRAIN WITH PIPE TRAP
[Symbol]	ROOF/OVERFLOW DRAIN
[Symbol]	PUMP
[Symbol]	TRAP PRIMER
[Symbol]	WATER METER
[Symbol]	GAS METER
[Symbol]	FIXTURE TYPE
[Symbol]	THERMOMETER
[Symbol]	PRESSURE GAUGE
[Symbol]	PRESSURE REGULATOR
[Symbol]	CONNECT NEW TO EXISTING
[Symbol]	GATE VALVE ON RISE
[Symbol]	PIPE TRAP
[Symbol]	WATER HAMMER ARRESTOR
[Symbol]	VENT THRU ROOF
[Symbol]	GATE VALVE IN ROAD CURB BOX
[Symbol]	BACKWATER VALVE
[Symbol]	ADA ACCESSIBLE FIXTURE
[Symbol]	VIBRATION ISOLATION FITTING
[Symbol]	PIPE EXPANSION FITTING (AT BUILDING EXPANSION JOINT)

- PLUMBING GENERAL NOTES**
- THESE GENERAL NOTES ARE APPLICABLE TO ALL PLUMBING DRAWINGS.
 - DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL INTENT OF WORK, SEE DETAILS, SCHEDULES, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - PLUMBING CONTRACTOR MUST REVIEW DRAWINGS OF THE OTHER TRADES AS PART OF THIS CONTRACT FOR ADDITIONAL WORK REQUIRED AND OR COORDINATION OF HIS WORK FOR OPERATIONS OR CONNECTIONS TO OTHER SYSTEM.



1 DRINKING FOUNTAIN MOUNTING DETAIL
SCALE: NTS

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Mill River Park Playground

Stamford, CT

Drawing Title:

PLUMBING DETAILS

Project No: ~~2022~~ 2022.00 Scale: NTS

Drawn By: MMW

Checked By: MTB

Approved By: MTB

Date: 03/31/2023

Drawing No:

P02-00