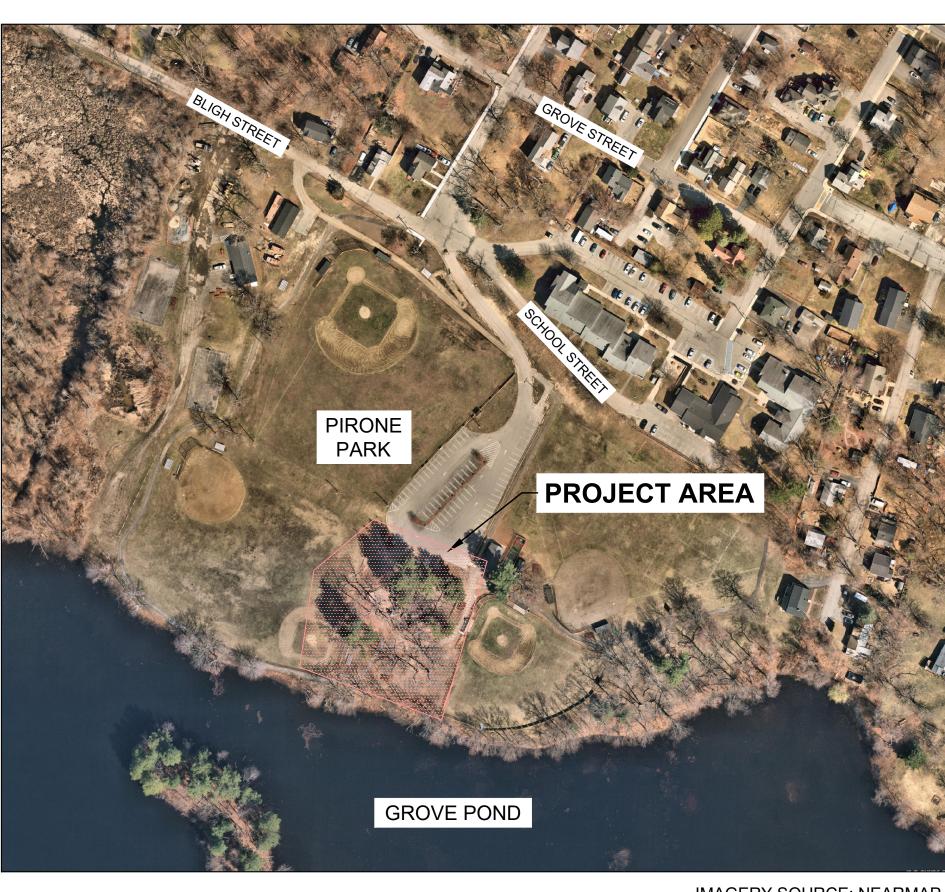
# TOWN OF AYER, MASSACHUSETTS KIDDIE JUNCTION PLAYGROUND IMPROVEMENTS

AYER, MASSACHUSETTS JULY 2023 PERMIT SET

PREPARED FOR:

TOWN OF AYER, MA

1 MAIN STREET AYER, MA 01432



IMAGERY SOURCE: NEARMAP IMAGERY DATE: APRIL 2021





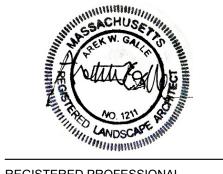
PREPARED BY:



# **PLAN INDEX**

SHEET NO.	<b>DESCRIPTION</b>
L-1	COVER
L-2	GENERAL NOTES
L-3	EXISTING CONDITIONS PLAN
L-4	SITE PREPARATION
L-5	MATERIALS PLAN
L-5.1	PLAYGROUND EQUIPMENT
L-6	LAYOUT PLAN
L-7	GRADING PLAN
D-1 - D-3	DETAILS

FOR REVIEW ONLY



7/26/2023

REGISTERED PROFESSIONAL

# **GENERAL NOTES**

- 1. ALL WORK SHALL CONFORM TO THE MASSACHUSETTS STATE BUILDING CODE AND ITS APPLICABLE REFERENCED STANDARDS.
- 2. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO THE OWNER'S REPRESENTATIVE ALL OBSERVATIONS AND ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- 3. WORK WITHIN THE LOCAL RIGHT-OF-WAY SHALL CONFORM TO LOCAL MUNICIPAL STANDARDS. WORK WITHIN THE STATE RIGHT-OF-WAY SHALL CONFORM TO THE LATEST EDITION OF THE STATE HIGHWAY DEPARTMENTS STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES.
- 4. CONTRACTOR SHALL NOTIFY "DIG-SAFE" (1-888-344-7233) AT LEAST 72 HOURS BEFORE EXCAVATING. THE CONTRACTOR SHALL RECORD THE LOCATION OF ANY/ALL DIG-SAFE UTILITY MARKINGS ON PROJECT RECORD DOCUMENTS.
- 5. THE LOCATION, SIZE, AND MATERIAL OF EXISTING UTILITIES ARE SHOWN AS APPROXIMATE REPRESENTATIONS ONLY. THE OWNER OR ITS REPRESENTATIVE HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, SERVICEABILITY, OR OTHER DATA CONCERNING THE UTILITIES THAT MAY BE PRESENT. PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACT LOCATIONS, SIZES, AND ELEVATIONS OF THE POINTS OF CONNECTIONS TO EXISTING UTILITIES AND SHALL CONFIRM THAT THERE ARE NO INTERFERENCES WITH EXISTING UTILITIES WITHIN PROJECT LIMITS AND THE PROPOSED UTILITY ROUTES, INCLUDING ROUTES WITHIN THE PUBLIC RIGHT-OF-WAY.
- 6. THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE TO ALL UTILITIES (BOTH ABOVE AND BELOW GRADE) WITHIN THE PROJECT AREA. DAMAGE TO ANY UTILITIES AS A RESULT OF ACTIONS BY THE CONTRACTOR SHALL BE RESTORED BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE, TO CONDITIONS EQUAL TO CONDITIONS PRIOR TO THE DAMAGE.
- 7. UPON AWARD OF CONTRACT, CONTRACTOR SHALL MAKE NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN NECESSARY PERMITS. PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK INDICATED ON DRAWINGS. IN THE SPECIFICATIONS. AND IN THE CONTRACT DOCUMENTS. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, AND FIRE HYDRANTS, WITHOUT APPROPRIATE PERMITS.
- 8. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 9. THE CONTRACTOR SHALL PREVENT DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE AND SHALL BE RESPONSIBLE FOR CLEAN-UP, REPAIRS, AND CORRECTIVE ACTION IF SUCH OCCURS.
- 10. DAMAGE RESULTING FROM CONSTRUCTION LOADS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 11. ANY DAMAGE TO EXISTING PAVEMENT, BRIDGES, SIDEWALKS, FENCES, ETC. CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 12. TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED ON AN ON-THE-GROUND SURVEY PERFORMED IN MAY 2022 BY LANDTECH CONSULTANTS, INC. UTILIZING A COMBINATION OF CONVENTIONAL SURVEY METHODOLOGIES AND 3D LASER SCANNING TECHNOLOGIES.
- 13. HORIZONTAL INFORMATION SHOWN HEREON AND THE COORDINATES THEY ARE BASED ON ARE IN U.S. SURVEY FEET IN THE MA. STATE PLANE COORDINATE SYSTEM REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), CORS ADJUSTMENT (NA2011/GEOID 12A) AS DETERMINED BY REDUNDANT GPS OBSERVATIONS PERFORMED IN NOVEMBER OF 2017 UTILIZING MAINE TECHNICAL SOURCE RTK GPS NETWORK.
- 14. THE VERTICAL DATUM FOR THIS PROJECT IS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), CORS ADJUSTMENT (NA2011/GEOID 12A) AS DETERMINED BY REDUNDANT GPS OBSERVATIONS PERFORMED ON NOVEMBER OF 2017 UTILIZING THE MAINE TECHNICAL SOURCE RTK GPS NETWORK.
- 15. FLAGGED WETLAND LOCATIONS SHOWN ON THIS MAP WERE DELINEATED BY NORSE ENVIRONMENTAL SERVICES, INC. ON SEPTEMBER 25, 2017 AND FIELD LOCATED BY LANDTECH CONSULTANTS, INC. IN NOVEMBER 2017
- 16. A BOUNDARY SURVEY WAS NOT PERFORMED
- 17. A SUBSURFACE UTILITY INVESTIGATION WAS NOT PERFORMED.
- 18. LAND OUTSIDE THE PROPOSED LIMIT OF WORK SHALL NOT BE DISTURBED BY THE CONTRACTOR.
- 19. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL TOWN OF AYER REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCH MARKS NECESSARY FOR THE WORK.
- 21. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ANY PERMITS AND/OR CONNECTION FEES REQUIRED TO CARRY OUT THE WORK INCLUDING BUT NOT LIMITED TO DEMOLITION.
- 22. ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- 23. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OF RELOCATIONS THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE DRAWINGS. INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL COSTS SHALL BE BORNE BY THE CONTRACTOR.

# **CONSTRUCTION NOTES:**

- 1. THE CONTRACTOR SHALL CALL "DIG-SAFE" AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO EXCAVATION IN ACCORDANCE WITH STATE OF MASSACHUSETTS, GENERAL LAWS.
- 2. THE CONTRACTOR SHALL NOTIFY ALL APPROPRIATE AGENCIES AND UTILITY COMPANIES IN WRITING 48 HOURS PRIOR TO ANY CONSTRUCTION WITHIN 15 FEET OF A UTILITY LINE.
- 3. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY CODES, REGULATIONS, LEGAL REQUIREMENTS, PERMIT CONDITIONS, ETS.
- 4. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL WALKS, STREETS, PAVEMENTS, HIGHWAY GUARDS, CURBING, EDGING, TREES AND PLANTINGS ON OR OF THE PREMISES. AND SHALL REPAIR AND REPLACE OR OTHERWISE MAKE GOOD AT HIS/HER OWN EXPENSE AS DIRECTED BY THE ENGINEER ANY ITEMS DAMAGED AS A RESULT OF THE CONTRACTOR'S WORK.
- 5. THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SHORING OF ALL EXCAVATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF GOVERNING CODES AND REGULATIONS.
- 6. ALL SURFACES OUTSIDE THE LIMIT OF WORK THAT ARE DISTURBED SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, AS DETAILED, OR AS SPECIFIED BY THE ENGINEER
- 7. ALL EXISTING PIPING AND STRUCTURES EXPOSED DURING EXCAVATION SHALL BE ADEQUATELY SUPPORTED, BRACED, OR OTHERWISE PROTECTED DURING CONSTRUCTION ACTIVITIES.
- 8. WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT (INCLUDING DRIVEWAYS), SAW CUT EXISTING PAVEMENT SMOOTH AND STRAIGHT. WHERE NEW BITUMINOUS CONCRETE MEETS EXISTING BITUMINOUS CONCRETE SURFACES, SAW CUT EDGES ARE TO BE SEALED WITH BITUMEN AND BACK SANDED.
- 9. WORK WITHIN PUBLIC WAYS SHALL COMPLY WITH APPLICABLE MUNICIPAL AND STATE REQUIREMENTS.
- 10. IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.

# **SOIL EROSION AND SEDIMENTATION CONTROL NOTES:**

- ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USE, APPLICATION RATES, AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED IN ACCORDANCE WITH THE MASSACHUSETTS DEP SPECIFICATIONS.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE OWNER'S REPRESENTATIVE WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAY BALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED.
- 3. THE HAY BALE / SILT FENCE LINE ILLUSTRATED ON THESE PLANS. IS TO BE STAKED IN THE FIELD PRIOR TO CONSTRUCTION AND SHALL SERVE AS THE STRICT LIMIT OF DISTURBANCE FOR THE PROJECT. NO ALTERATIONS, INCLUDING VEGETATIVE CLEARING OR SURFACE DISTURBANCE, SHALL OCCUR BEYOND THE HAY BALE / SILT FENCE LINE.
- 4. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER AN EVENT WHICH GENERATES .25 INCHES OF RAIN IN A TWENTY-FOUR (24) HOUR PERIOD. MAINTENANCE SHALL INCLUDE CLEAN OUT OF ACCUMULATED SEDIMENT BEHIND THE BALES IF 1/2 THE ORIGINAL HEIGHT OF THE BALES / FENCE BARRIER BECOMES FILLED WITH SEDIMENT. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE HAS BEEN REMOVED SHOULD BE ADDRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED, AND SEEDED.
- 5. THE TOE OF ANY FILL SLOPE IS TO REMAIN AT LEAST ONE (1) FOOT INSIDE OF ALL EROSION CONTROLS. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR COVER ANY PORTION OF THE EROSION CONTROLS WITH FILL MATERIAL. ANY FILL MATERIAL WHICH IS PLACED ON ANY EROSION CONTROLS BY THE CONTRACTOR, SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR, AND ANY NECESSARY REPAIRS TO THE EROSION CONTROLS ACCOMPLISHED. AT NO COST TO THE OWNER.
- 6. THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES FOR OUTLET PROTECTION PRIOR TO CLEANING AND FLUSHING STORM WATER DRAINAGE. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL ALL FLUSHED SEDIMENTS ARE REMOVED. AT ALL OUTFALL LOCATIONS WHERE PIPES ARE TO BE CLEANED AND FLUSHED, OUTLET PROTECTION SHALL BE INSTALLED TO TRAP SEDIMENTS. THESE SEDIMENTS SHALL THEN BE REMOVED AND DISPOSED OF LEGALLY BEFORE THE OUTLET PROTECTION DEVICES ARE REMOVED. IF OUTLET PROTECTION AT THE OUTFALL IS NOT FEASIBLE, THEN THE OUTLET PIPE OF THE LAST DRAINAGE STRUCTURE TO BE CLEANED SHALL BE PLUGGED TO CAPTURE ALL MATERIALS FLUSHED FROM PIPES. AFTER THE MATERIALS ARE REMOVED FROM THE DRAINAGE STRUCTURES, THE OUTLET SHALL BE UNPLUGGED TO RESUME NORMAL FUNCTIONING.

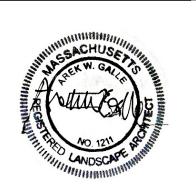
## SITE PREPARATION & DEMOLITION NOTES:

- 1. ALL ITEMS DESIGNATED TO BE REMOVED AND DISPOSED (R&D) SHALL BE TAKEN FROM THE SITE AND LEGALLY DISPOSED.
- 2. ALL ITEMS DESIGNATED TO BE REMOVED AND STOCKPILED (R&S) SHALL BE DISASSEMBLED AND STOCKPILED AT A LOCATION DETERMINED BY THE OWNER'S REPRESENTATIVE.
- 3. DEBRIS OF ANY NATURE SHALL NOT BE ALLOWED TO ACCUMULATE IN THE STREETS. PARKING LOT. SIDEWALK AREAS OR GROUNDS SURROUNDING THE PROJECT AREA.
- 4. FOR ALL HOLES, PITS OR OTHER HAZARDOUS DEPRESSIONS ADJACENT TO OR WITHIN EIGHT (8) FEET OF ANY SIDEWALK AREA AND ARE UNPROTECTED, A TEMPORARY GUARD FENCE SHALL BE IMMEDIATELY ERECTED FOR THE PROTECTION OF PEDESTRIANS. THE FENCING MATERIAL SHALL BE FREE FROM NAILS, FASTENINGS OR SPLINTERS AND SHALL PRESENT A REASONABLY SMOOTH SURFACE ON THE SIDES OF POSSIBLE CONTACT. SUCH TEMPORARY FENCES SHALL BE LEFT IN PLACE AND SHALL BE PROPERLY MAINTAINED UNTIL THE HOLES, PITS OR DEPRESSIONS HAVE BEEN PROPERLY FILLED
- 5. ALL STUMPS AND ROOTS OF TREE AND SHRUBS INDICATED TO BE REMOVED AND DISPOSED SHALL BE LEGALLY DISPOSED OF OFF SITE. IN SPECIFIC LOCATIONS, STUMPS MAY BE GROUND IN PLACE, AS SHOWN.
- 6. ALL EXISTING VEGETATION (TREES, SHRUBS, GRASSES, ETC.) TO REMAIN SHALL BE PROTECTED FROM INJURY. INDIVIDUAL TREES AND SHRUBS TO BE SAVED WITHIN THE DESIGNATED WORK AREA SHALL BE PROTECTED AS SPECIFIED HEREIN. THE CONTRACTOR SHALL REMOVE ALL PROTECTIVE BARRIERS ONLY AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- 7. THE CONTRACTOR SHALL STRIP AND STOCKPILE EXISTING LOAM FROM THOSE AREAS WHICH ARE TO BE EXCAVATED OR FILLED. STOCKPILED LOAM SHALL NOT BE MIXED WITH ANY SUBSOIL OR OTHER UNSUITABLE MATERIAL UNLESS DIRECTED BY THE OWNER'S REPRESENTATIVE. ALL STOCKPILED LOAM REMAINS THE PROPERTY OF THE OWNER.
- 8. ALL STOCKPILED LOAM OR OTHER SOIL MATERIAL SHALL BE SURROUNDED BY EROSION CONTROL DEVICES.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIALS SHALL BE DISPOSED OF IMMEDIATELY TO A LEGAL, OFF-SITE LOCATION UNLESS OTHERWISE INDICATED ON THE PLAN.
- 10. DURING THE DEMOLITION PROCESS THE CONTRACTOR SHALL USE SUFFICIENT WATER OR NON-SALVABLE MATERIALS TO PREVENT EXCESSIVE SPREADING OF DUST DURING OPERATIONS.
- 11. THE REMOVAL AND DISPOSAL OF ALL MATERIALS SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE STATE AND TOWN ORDINANCES. RULES AND REGULATIONS.
- 12. UNVEGETATED SLOPES SHALL NOT BE UNATTENDED OR EXPOSED FOR PERIODS IN EXCESS OF TWO (2) WEEKS OR THROUGH THE INACTIVE WINTER SEASON.
- 13. PRUNING STANDARDS:
- 13.A. PRUNE TREE ACCORDING TO ANSI A300.
- 13.B. EXPERIENCED WORKMEN UNDER THE IMMEDIATE SUPERVISION OF A LICENSED ARBORIST SHALL PERFORM ALL TREE TRIMMING.
- 13.C. CLIMBING IRONS OR OTHER EQUIPMENT INJURIOUS TO TREES SHALL NOT BE PERMITTED.
- 13.D. CUT BRANCHES WITH SHARP PRUNING INSTRUMENTS: DO NOT BREAK OR CHOP.
- 13.E. PRUNE TREES TO REMAIN THAT ARE AFFECTED BY TEMPORARY AND PERMANENT CONSTRUCTION.
- 13.F. ALL DOWNED AND CUT PLANT MATERIAL TOGETHER WITH MISCELLANEOUS DEBRIS FROM THIS WORK SHALL BE REMOVED BY THE CONTRACTOR FROM THE PROJECT ON A DAILY BASIS. MATERIALS FROM THE WORK WILL NOT BE PERMITTED TO REMAIN ON SITE RESULTING IN DELAYING OR IMPEDING OTHER WORK ON PROJECT SITE.
- 13.G. NO MATERIAL OR DEBRIS SHALL BE DUMPED WITHIN THE LIMITS OF THE SITE OR ABUTTING PROPERTY.

PREPARED BY



REGISTERED PROFESSIONAL



SUBCONSULTANT

PROJECT

**Kiddie Junction Playground Improvements** 

Ayer, MA

TITLE

**GENERAL NOTES** 

NO.	RE	VISIONS	DATE
DRAWN BY:		CC	
DESIGNED BY: RC			

CHECKED BY: RC ISSUE DATE: 07/12/23

BETA JOB NO.: 10222

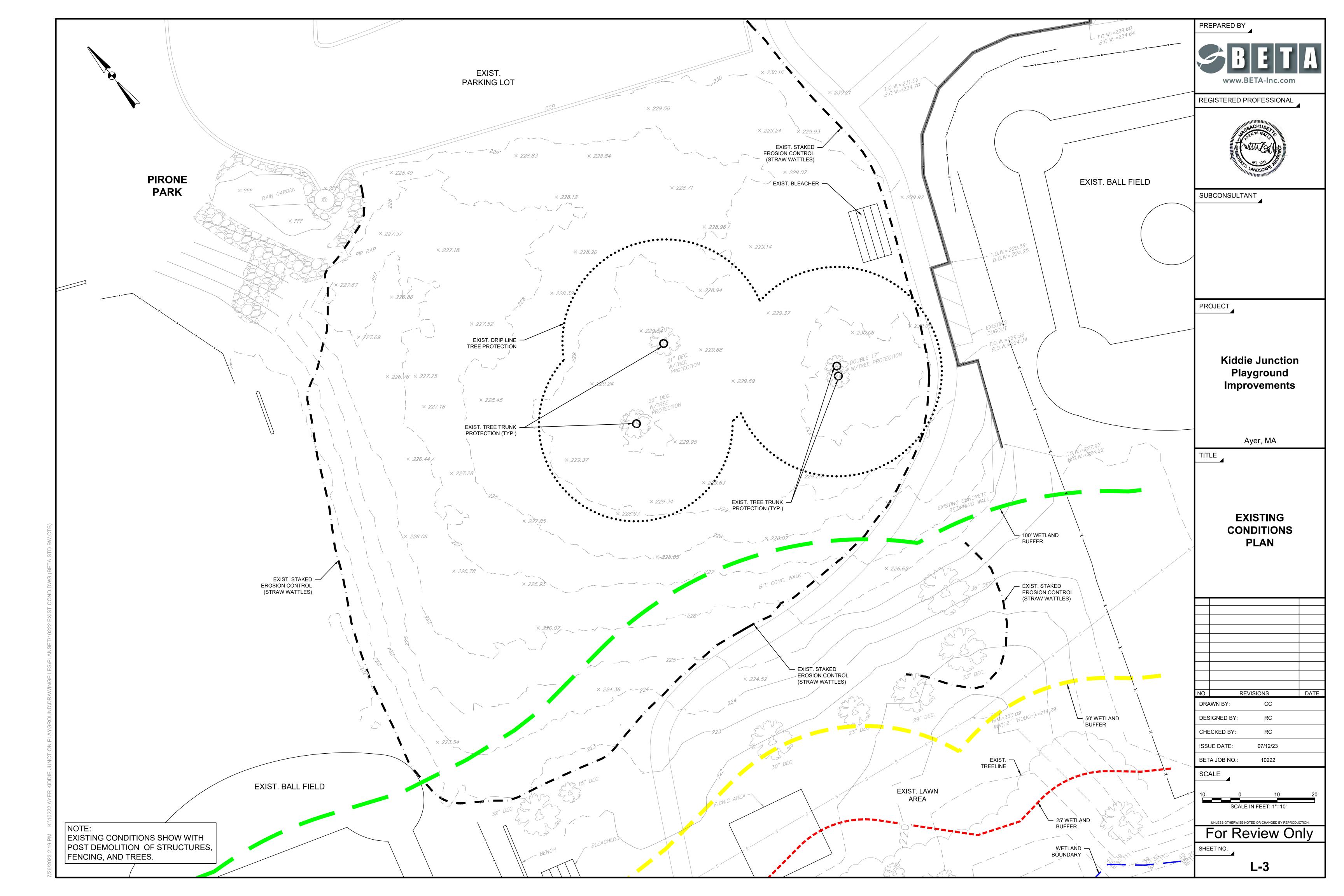
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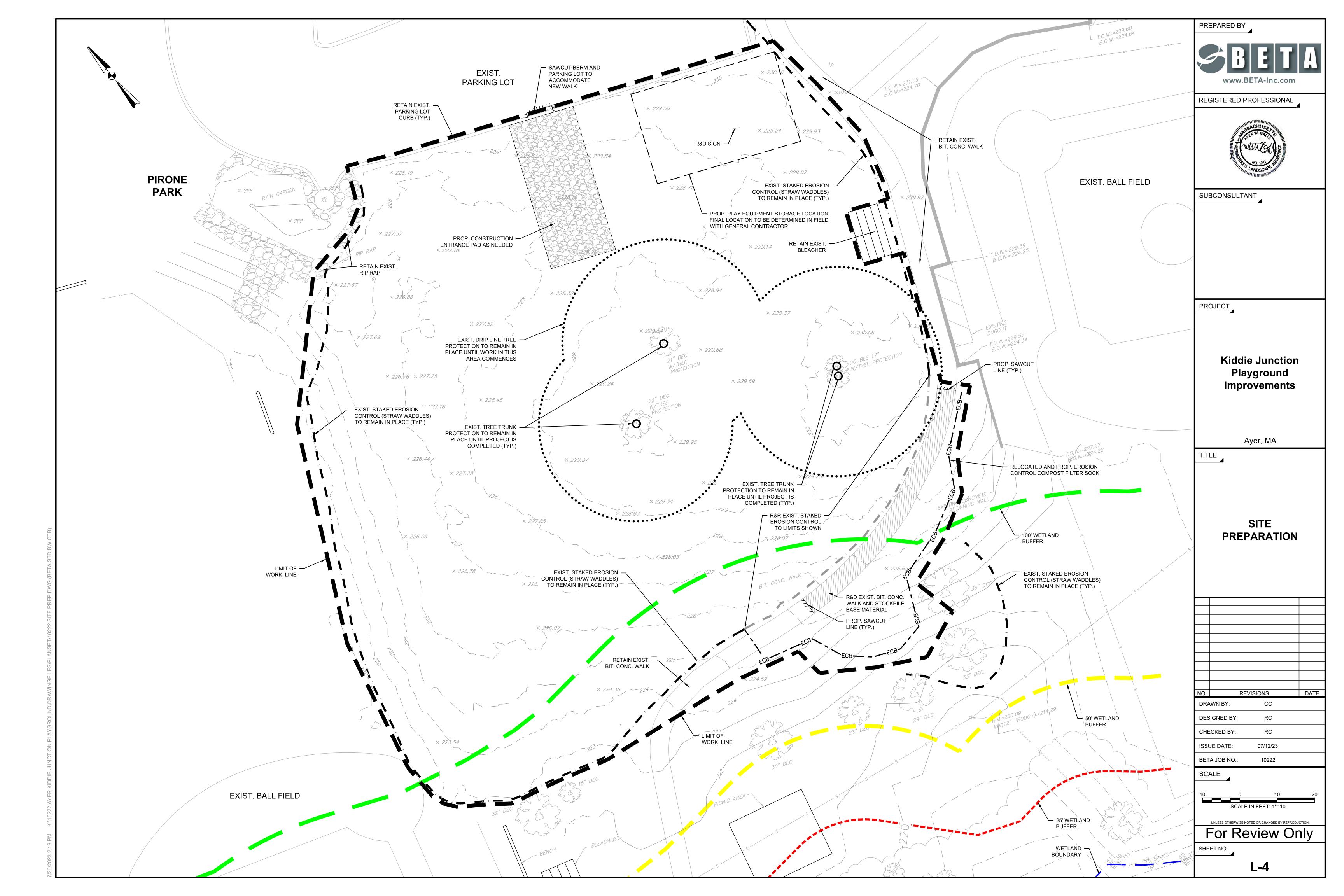
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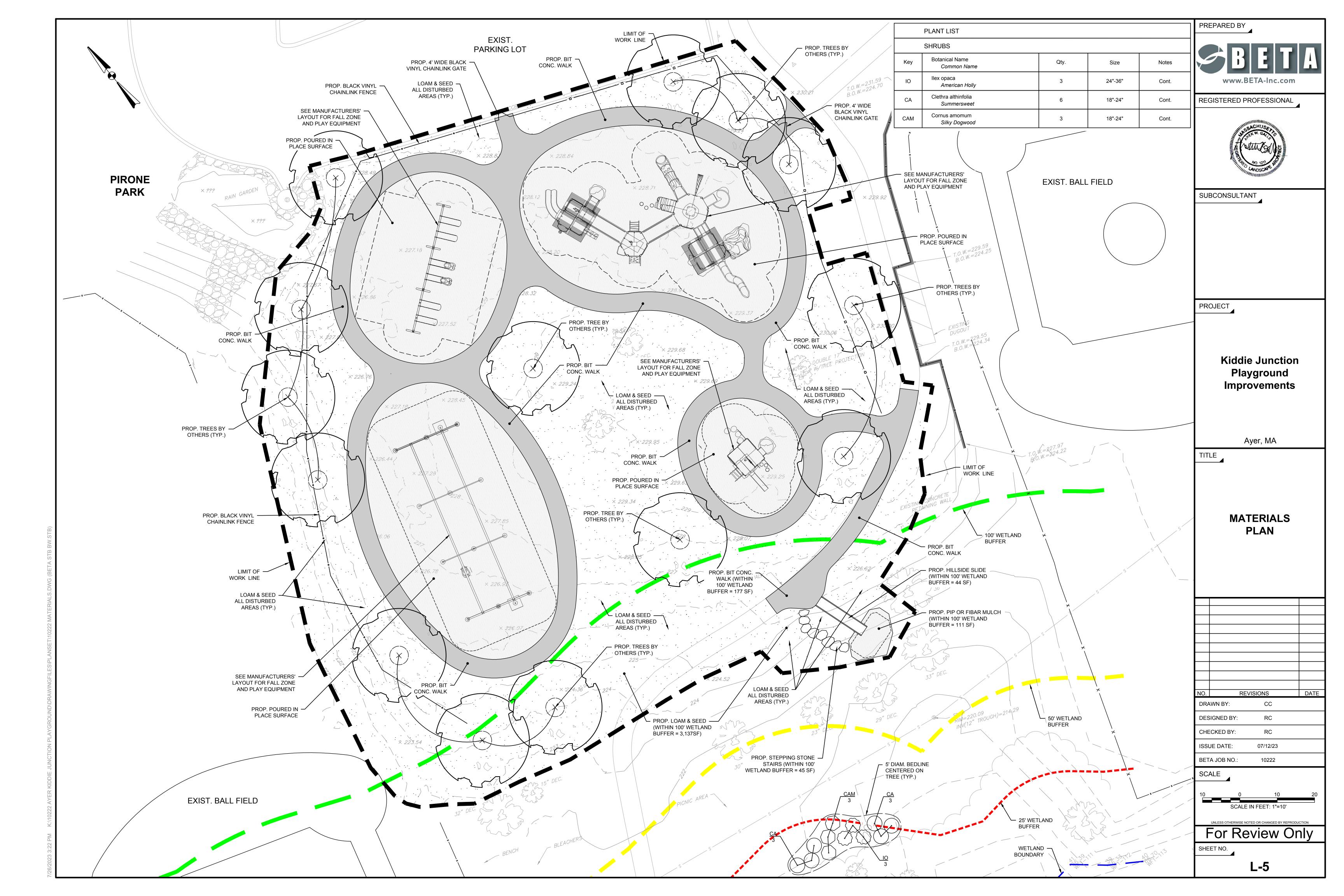
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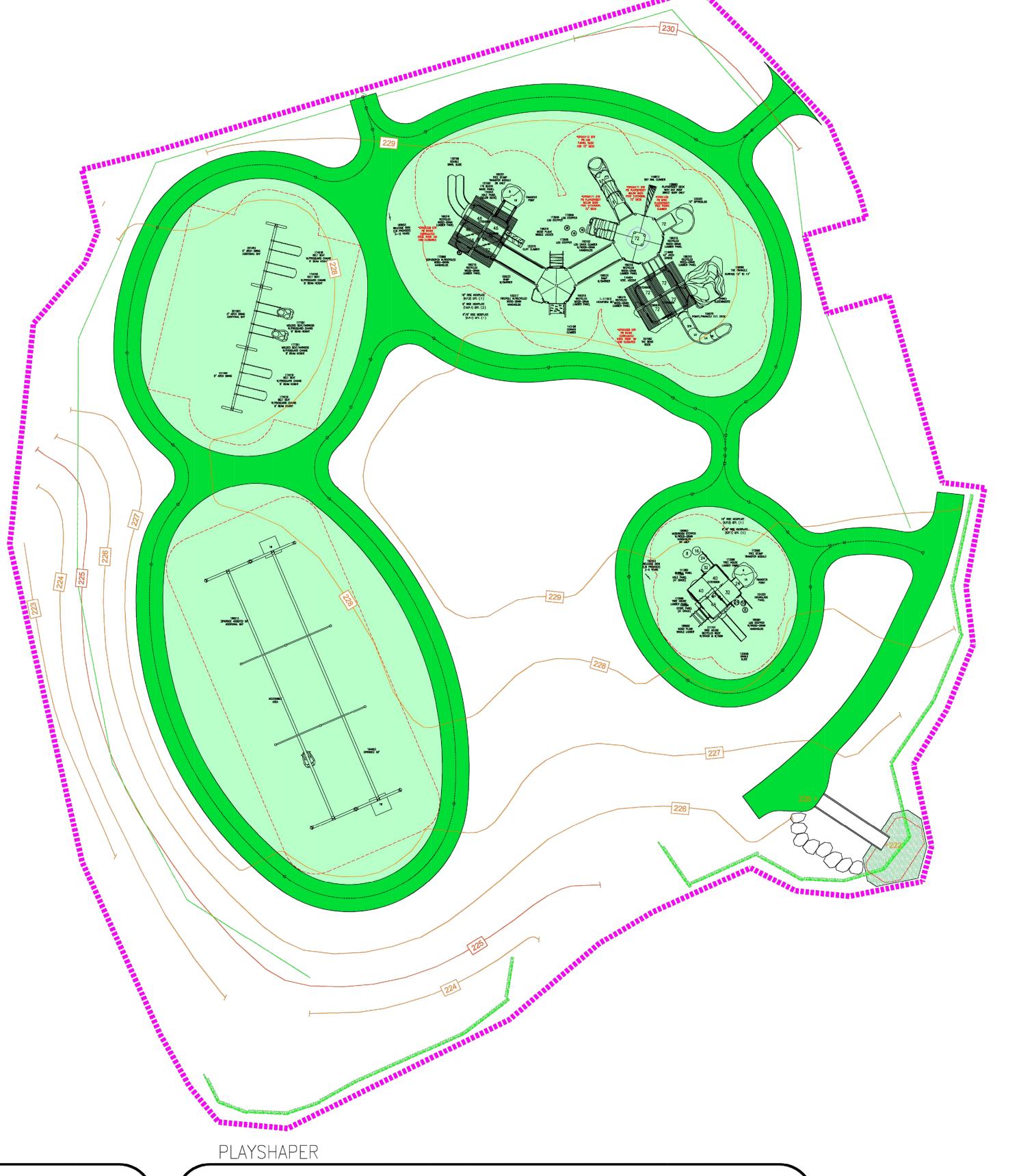
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**L-2** 









DESIGNED BY:

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landscape structures

The play components identified on this plan are IPEMA certified. (Unless model number is preceded with \*) The use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit www.ipema.org

THIS PLAY AREA & PLAY EQUIPMENT IS DESIGNED FOR AGES 2-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.

IT IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US. PRIOR TO CONSTRUCTION, DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE

MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND

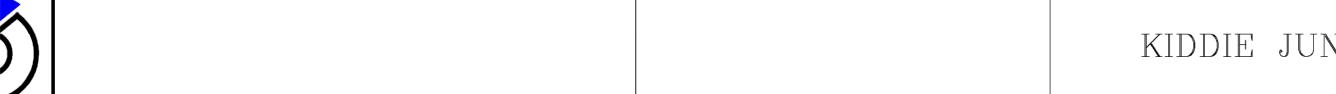
DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILED OR SLOPED 1/8" TO 1/4" PER FOOT TO A STORM SEWER OR A "FRENCH DRAIN".

IT IS THE MANUFACTURER'S OPINION AND INTENT THAT THE LAYOUT OF THESE

COMPONENTS CONFORM WITH THE U.S. CONSUMER PRODUCT

SAFETY COMMISSION'S (CPSC)
"HANDBOOK FOR PUBLIC PLAYGROUND SAFETY".

Previous Drawing #



M.E. O'BRIEN & SONS, INC. COLIN BOUTIN

SYSTEM TYPE: PB/PS/IND

ME023656





KIDDIE JUNCTION PLAYGROUND

AYER, MA

NOTE: RECOMMENDED 6" BUFFER FOR

SAFETY ZONES TO PERIMETER TO

PREVENT INSTALL ERRORS.

DRAWING #:

TOTAL ELEVATED PLAY COMPONENTS 16 TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP O <u>REQUIRED</u> O TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER 16 REQUIRED TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN 12 REQUIRED

PLAYBOOSTER/SWINGS/ZIP KROOZ

TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS 4

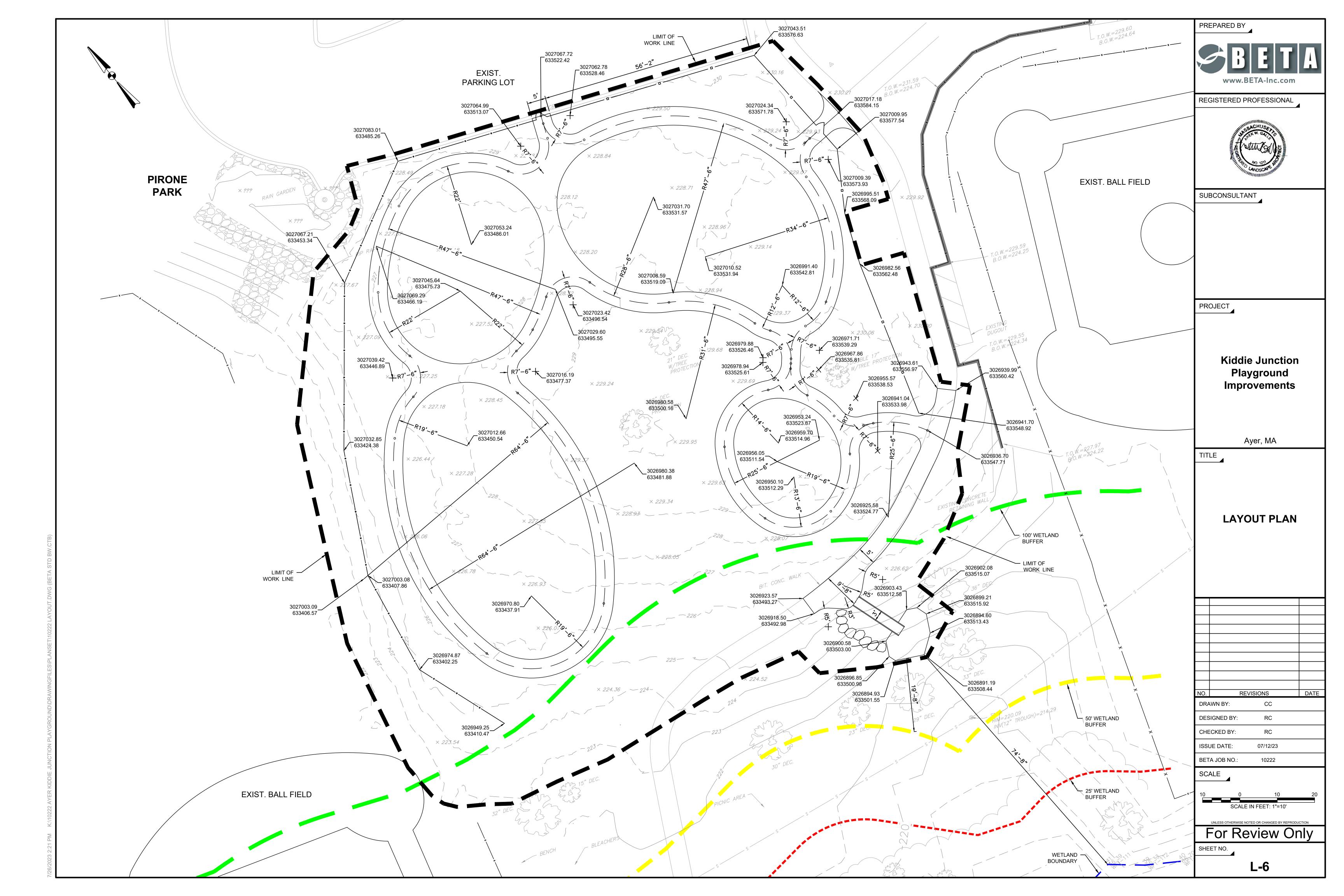
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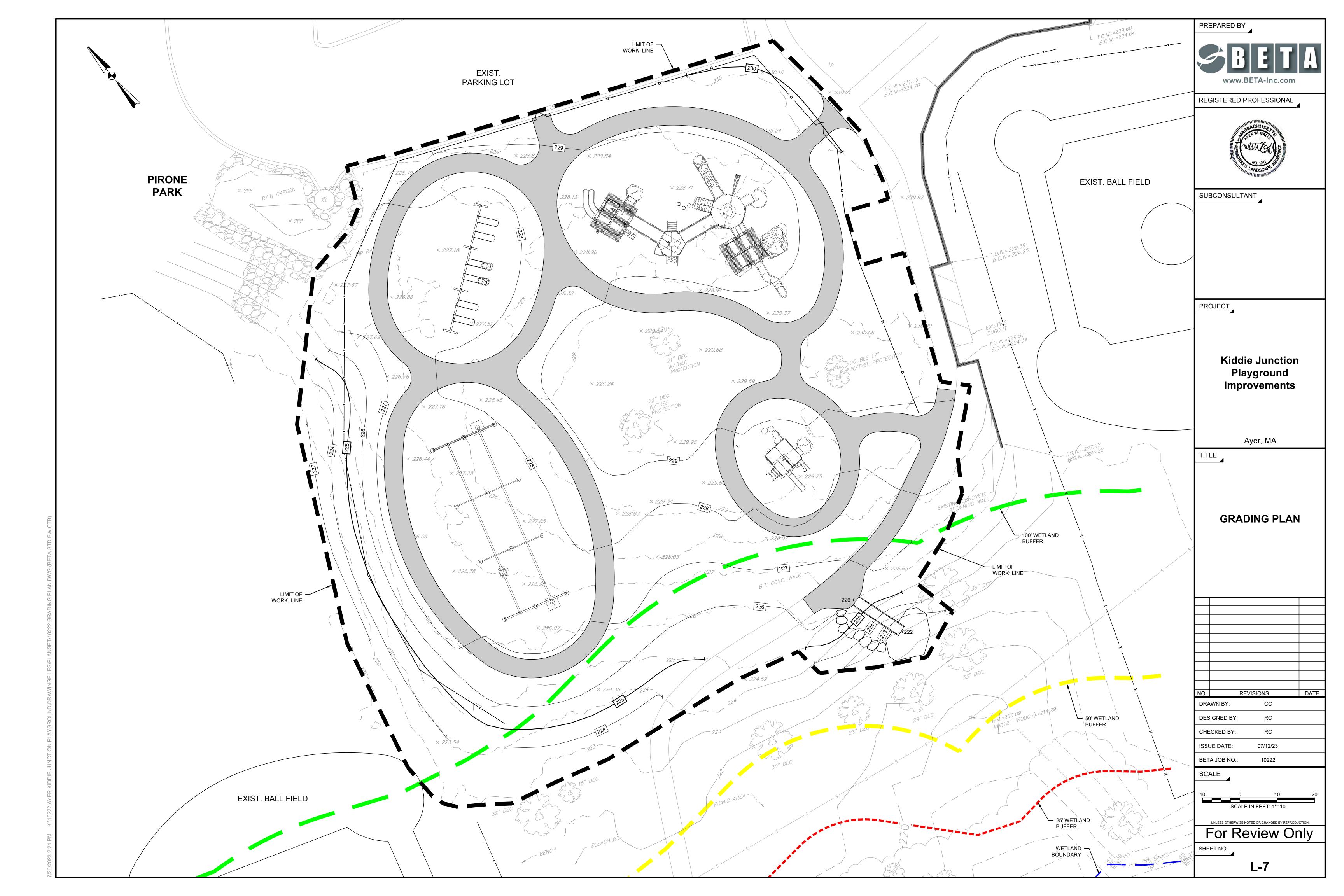
TOTAL ELEVATED PLAY COMPONENTS 6 TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP

TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER 6 REQUIRED TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN

TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS 2

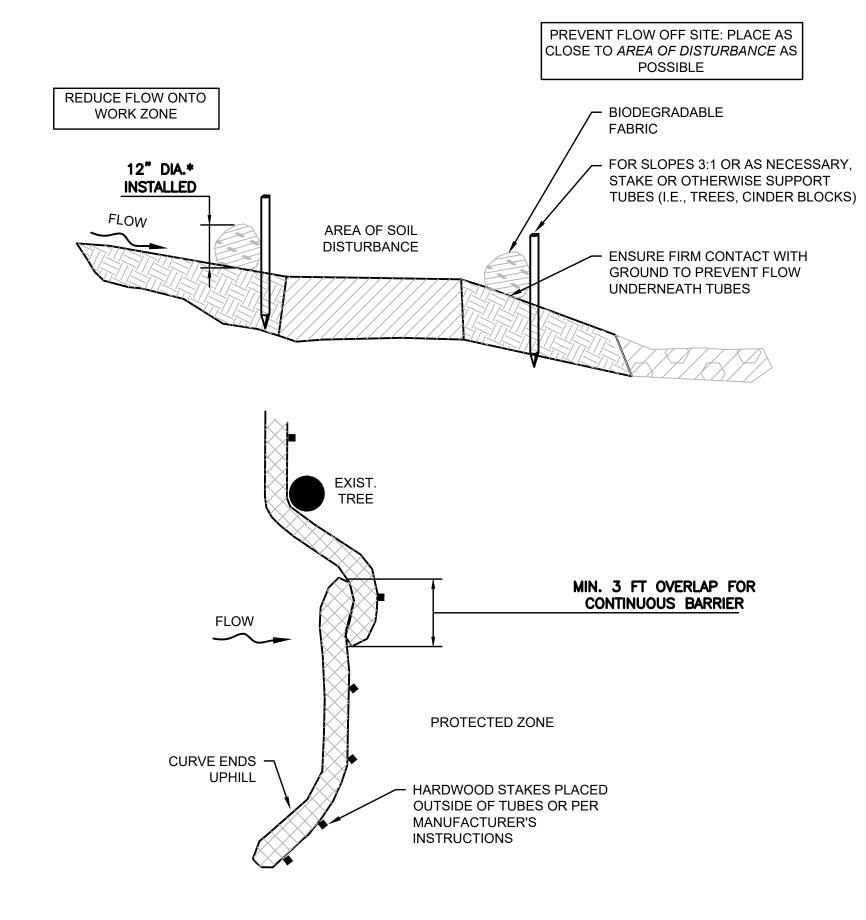
REQUIRED





- 1. LENGTH AND WIDTH OF POLYPROPYLENE FABRIC MUST EXCEED EXISTING CATCH BASIN FRAME DIMENSIONS BY A MINIMUM OF 8".
- 2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE.

# CATCH BASIN SEDIMENT CONTROL DEVICE - SILT SACK NOT TO SCALE

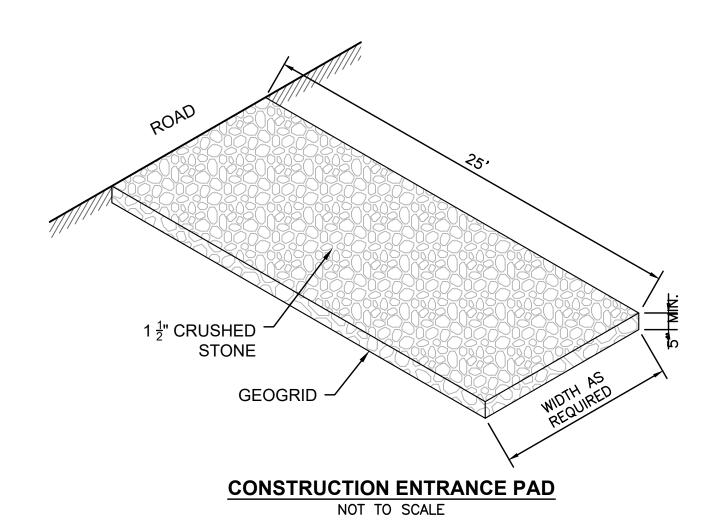


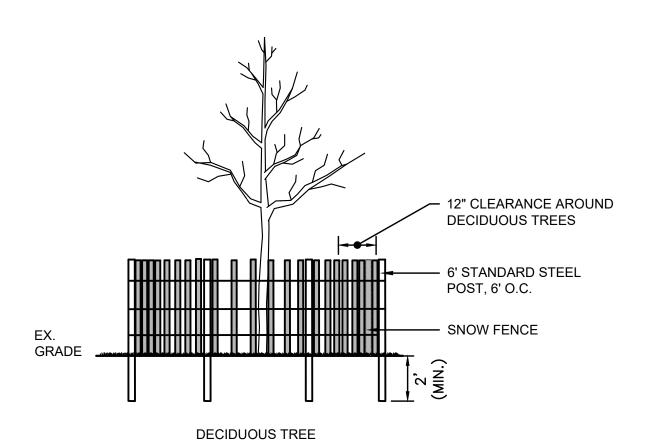
# 1. PLACE TUBE ALONG CONTOURS AND PERPENDICULAR TO FLOW.

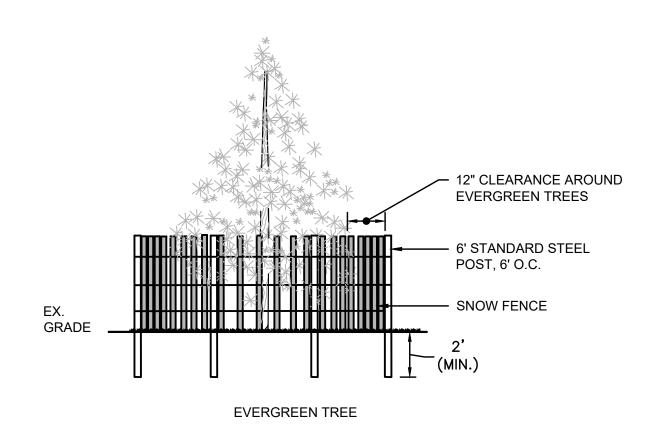
- 2. ADJUST LOCATION AS REQUIRED FOR OPTIMUM EFFECTIVENESS. DO NOT INSTALL IN WATERWAYS.
- 3. PLACE STAKES AS NEEDED TO SECURE TUBES IN PLACE.

# **PLAN VIEW**

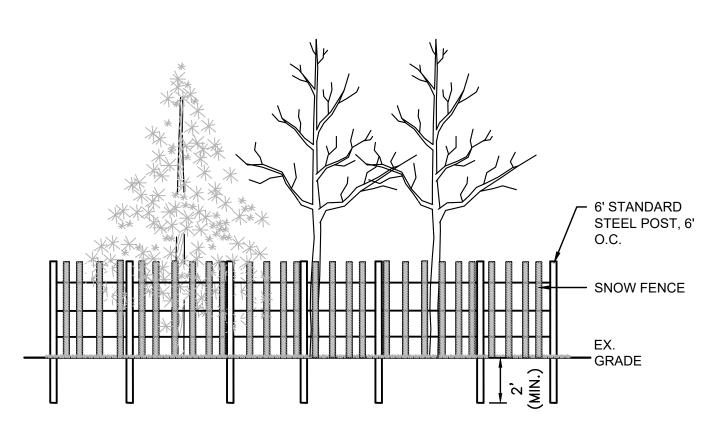
**EROSION CONTROL - COMPOST FILTER TUBE** NOT TO SCALE



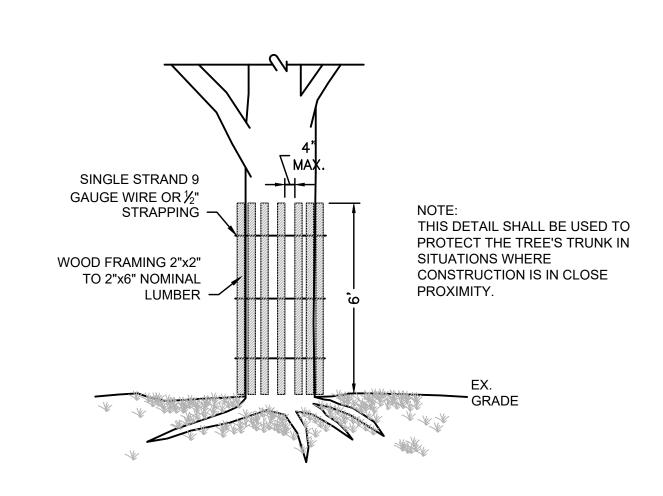




# DRIPLINE TREE PROTECTION DEVICE NOT TO SCALE



TREE GROUP PROTECTION NOT TO SCALE



TREE TRUNK PROTECTION DEVICE

NOT TO SCALE

PREPARED BY www.BETA-Inc.com

REGISTERED PROFESSIONAL



SUBCONSULTANT

PROJECT

**Kiddie Junction Playground Improvements** 

Ayer, MA

TITLE

**DETAILS** 

REVISIONS DATE DRAWN BY: CC

DESIGNED BY: RC CHECKED BY: RC ISSUE DATE: 07/12/23

BETA JOB NO.: 10222

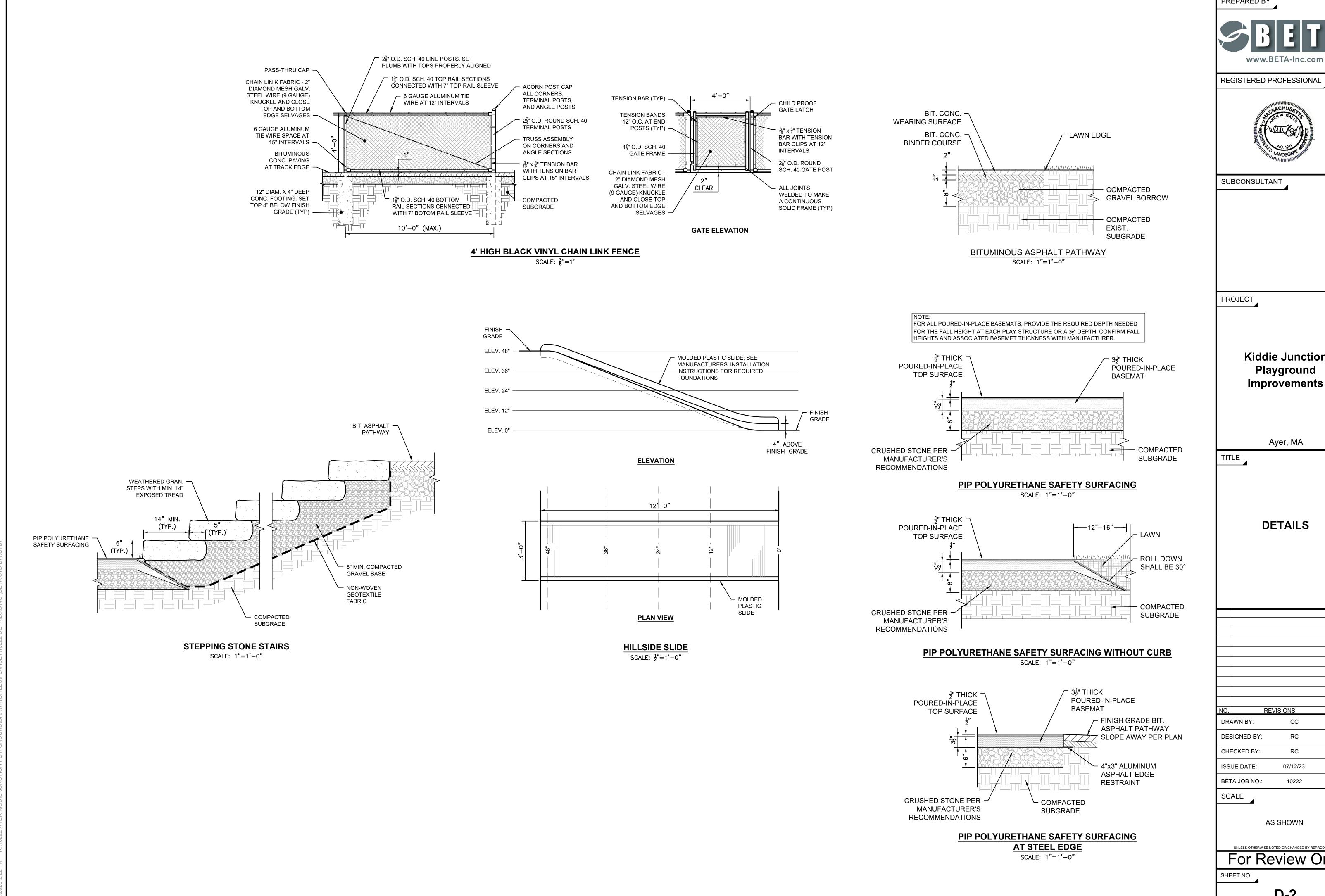
SCALE

**AS SHOWN** 

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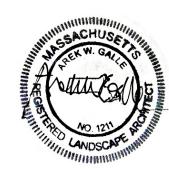
SHEET NO.

**D-1** 



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REGISTERED PROFESSIONAL



**Kiddie Junction Playground** 

DATE

For Review Only

**D-2** 

