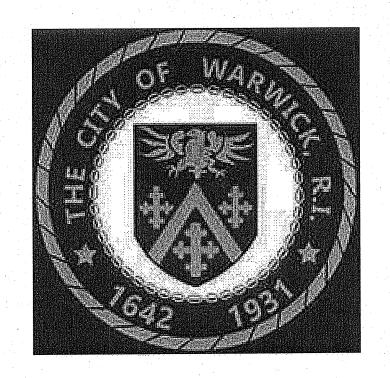
CITY OF WARWICK, RHODE ISLAND BISHOP PARK AND PLAYGROUND IMPROVEMENTS

25% SUBMISSION

AUGUST 2023

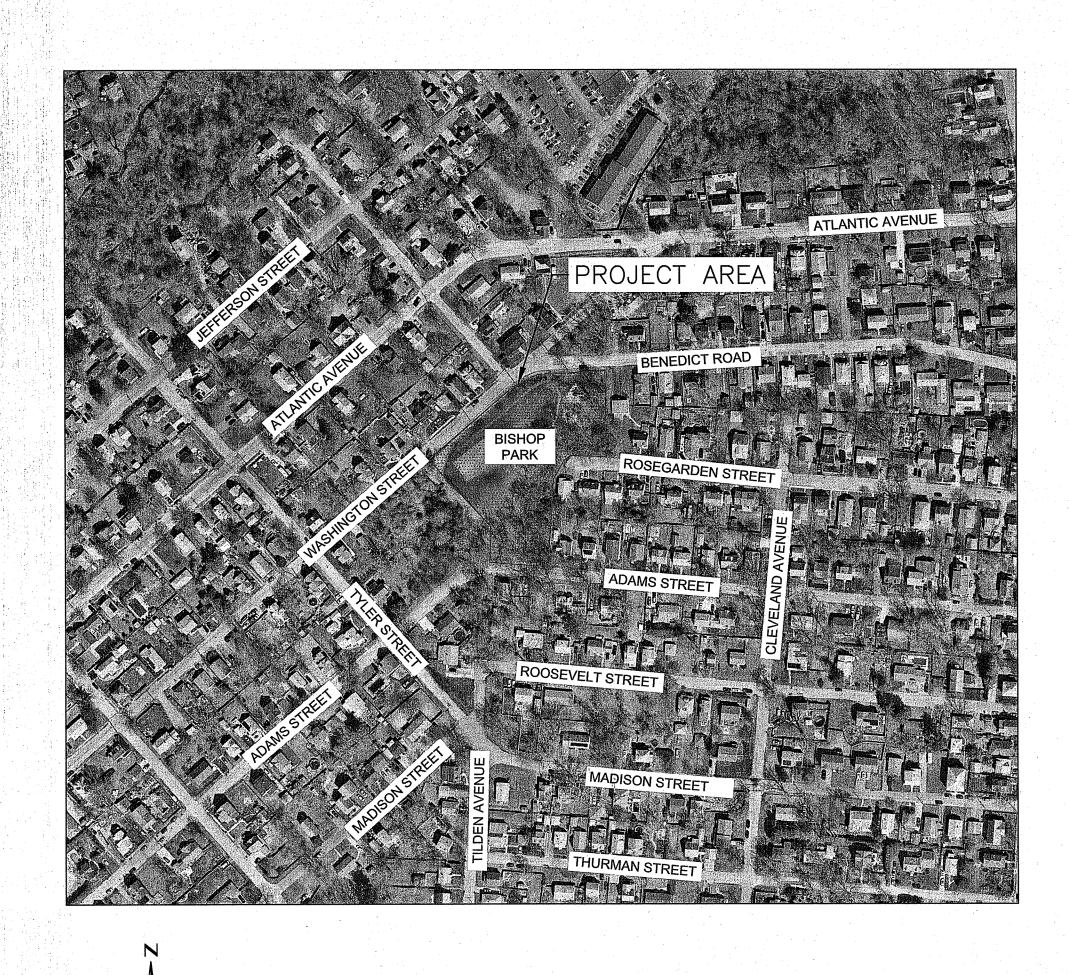


CITY OF WARWICK, RI 3275 POST ROAD, WARWICK, RI 02889

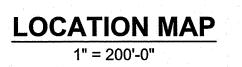
*MAYOR*FRANK J. PICOZZI

CITY COUNCILMAN (WARD 1)
WILLIAM FOLEY

ALL WORK SHALL COMPLY WITH THE AMERICANS DISABILITIES ACT OF 1990 (ADA) AND SECTION 504 OF THE REHABILITATION ACT OF 1973, SPECIFICALLY THE ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION, WITH ALL REVISIONS, AT A MINIMUM AND THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) WHERE POSSIBLE.







PREPARED BY:



PLAN INDEX

SHEET NO.	DESCRIPTION
COVER	L1.00
GENERAL NOTES	L2.00
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RI Environmental Management

AUG 17 2023

Office of Water Resources

GENERAL NOTES

- SPECIFICATIONS TO GOVERN THIS PROJECT ARE THE R.I. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,
 DECEMBER 2022, WITH ALL REVISIONS AND THE STATE AND FEDERAL SPECIAL PROVISIONS INCLUDED IN THE CONTRACT
 DOCUMENTS. STANDARD DETAILS FOR THIS PROJECT ARE R.I. STANDARD DETAILS, 1998 EDITION, WITH ALL REVISIONS.
- 2. ALL WORK SHALL CONFORM TO THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION WITH ALL REVISIONS.
- 3. ALL WORK SHALL COMPLY WITH THE AMERICANS DISABILITIES ACT OF 1990 (ADA) AND SECTION 504 OF THE REHABILITATION ACT OF 1973, SPECIFICALLY THE ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION, WITH ALL REVISIONS, AT A MINIMUM AND THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) WHERE POSSIBLE.
- 4. ALL SURFACE AND NEAR SURFACE WORK SHALL CONFORM TO THE RHODE ISLAND STATE BUILDING CODE AND TO THE
- CONTRACT DOCUMENTS. IN CASE OF CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN.

 5. CONTRACTOR SHALL REFER TO AND COORDINATE THE PROJECT REQUIREMENTS AS INDICATED ON THE GENERAL, CIVIL, AND
- STANDARD DETAIL DRAWINGS AND SPECIFICATIONS.

 6. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL STRUCTURES AND PIPING AGAINST FLOODING, FLOTATION
- AND OTHER DAMAGE DURING CONSTRUCTION.
 7. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO PREVENT DAMAGE TO ADJACENT AND NEARBY STRUCTURES
- DURING CONSTRUCTION. ALL DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CITY.

 8. PRIOR TO CLOSING ANY ROADWAY (PARTIALLY OR COMPLETELY), THE CITY OF WARWICK, RIDOT, STATE POLICE, MUNICIPAL POLICE AND LOCAL FIRE OFFICIALS SHALL BE NOTIFIED BY THE CONTRACTOR. PUBLIC NOTIFICATIONS AND HEARINGS MAY BE REQUIRED. EACH PROPOSED CLOSING SHALL BE REQUESTED AT LEAST 4 WEEKS PRIOR TO CONSTRUCTION IN THE PUBLIC
- RIGHT-OF-WAY.

 9. PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CALL "DIG SAFE" AT 1(888)-DIG-SAFE, AT LEAST 72 HOURS (EXCLUDING
- SATURDAYS, SUNDAYS AND HOLIDAYS) TO OBTAIN FIELD-MARKED UTILITY LOCATIONS.
- 10. CONTRACTOR IS APPRISED THAT SOME ENTITIES WITH UTILITY INFRASTRUCTURE WITHIN OR NEAR THE PROJECT AREA MAY NOT PARTICIPATE IN THE DIG-SAFE PROGRAM, AND MUST BE CONTACTED DIRECTLY TO HAVE THEIR UTILITIES FIELD-MARKED.
- 11. CONTRACTOR IS APPRISED THAT UTILITY PROVIDERS MAY NOT MARK ALL SUBSURFACE UTILITIES WITHIN THE PROJECT AREA, PARTICULARLY SERVICE CONNECTIONS AND/OR ABANDONED UTILITIES.
- 12. SEWER, WATER AND OTHER UTILITIES HAVE BEEN SHOWN ON THE SITE PLANS WHERE INFORMATION IS AVAILABLE. ALL ACTIVE SERVICE CONNECTIONS MUST BE MAINTAINED DURING CONSTRUCTION.
- 13. PIPING EXPOSED DURING EXCAVATION THAT IS NOT TO BE RELOCATED, ABANDONED, OR DEMOLISHED SHALL BE SUPPORTED IN-PLACE, BRACED, OR OTHERWISE PROTECTED DURING CONSTRUCTION ACTIVITIES.
- 14. CONTRACTOR SHALL FIELD VERIFY EXISTING STRUCTURE ELEVATIONS AND LOCATIONS, AND EXISTING PIPE INVERT ELEVATIONS AND LOCATIONS PRIOR TO SUBMITTING SHOP DRAWINGS FOR CONNECTING STRUCTURES.
- 15. THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE THE SPECIFICATIONS FOR THIS CONTRACT. SEE SPECIFICATIONS FOR OTHER REQUIREMENTS IN ADDITION TO THE GENERAL NOTES.
- 16. OTHER CONSTRUCTION UPON THIS SITE BY OTHER CONTRACTORS MAY OCCUR DURING THE COURSE OF THIS CONTRACT. THE CONTRACTOR SHALL AT ALL TIMES COORDINATE HIS OPERATIONS WITH THOSE OF THE OTHER CONTRACTORS.
- CONTRACTOR SHALL AT ALL TIMES COORDINATE HIS OPERATIONS WITH THOSE OF THE OTHER CONTRACTORS.

 17. THE CONTRACTOR SHALL CONFINE ALL ACTIVITIES FOR CONSTRUCTION PURPOSES WITHIN THE INDICATED LIMITS OF WORK AS SHOWN IN THE CONTRACT DRAWINGS. ALL SURFACES DAMAGED OUTSIDE THE INDICATED LIMITS SHALL BE REPLACED IN KIND
- AT CONTRACTOR'S EXPENSE.

 18. DUST CONTROL, USING CALCIUM CHLORIDE, SHALL BE PROVIDED FOR ALL SURFACES OF BACK FILLED AREAS, ALL EQUIPMENT ACCESS ROADWAYS AND/OR AS OTHERWISE DIRECTED BY THE OWNER/ENGINEER.

MAPPING

- 1. DEPICTED BASE MAPPING AND TOPOGRAPHY HAVE BEEN COMPILED FROM VARIOUS SOURCES. A FIELD SURVEY WAS COMPLETED BY THE CITY OF WARWICK, DATED MAY 2023. THE OWNER DOES NOT WARRANTY THE ACCURACY OR CURRENCY OF THE DEPICTED INFORMATION. WET LAND FLAGGING HAS BEEN DONE BY APPLIED-BIO-SYSTEMS INC., DATED JUNE, 2023.
- 2. THE LOCATION, SIZE, AND MATERIAL OF EXISTING PIPES, DUCTS, CONDUITS AND OTHER UNDERGROUND STRUCTURES AND/OR UTILITIES SHOWN ON THESE PLANS ARE FROM THE BEST SOURCES AVAILABLE AT PRESENT AND ARE NOT WARRANTED TO BE EXACT, NOR IS IT WARRANTED THAT ALL UNDERGROUND PIPES, UTILITIES OR STRUCTURES ARE SHOWN. EXACT LOCATION TO
- BE DETERMINED BY CONTRACTOR IN FIELD.

 3. EXISTING UTILITIES HAVE BEEN PLOTTED FROM THE BEST AVAILABLE DATA AND ARE APPROXIMATE ONLY. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES AND NOTIFY ALL UTILITY COMPANIES (PUBLIC AND PRIVATE).
- 4. PROPERTY LINES ARE SHOWN FOR INFORMATION ONLY.
- 5. THE HORIZONTAL COORDINATE SYSTEM IS RHODE ISLAND STATE PLANE, NAD83. THE VERTICAL DATUM IS NAVD88.

TEST PITS

- 1. PRIOR TO THE START OF ANY CONSTRUCTION, THE CONTRACTOR SHALL CONDUCT TEST PITS AS SHOWN, AT LOCATIONS WHERE CONFLICTS BETWEEN EXISTING PIPING OR STRUCTURES AND PROPOSED PIPING MAY OCCUR, AND WHERE DIRECTED BY THE ENGINEER. CONDUCT TEST PITS TO FIELD VERIFY THE EXACT SIZE, MATERIAL, LOCATION, INVERT ELEVATION AND ALIGNMENT (VERTICAL AND HORIZONTAL) OF EXISTING UNDERGROUND PIPES AND STRUCTURES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN PROPOSED PIPING AND EXISTING PIPING PRIOR TO STARTING INSTALLATION OF THE PROPOSED PIPING. OTHER TEST PITS MAY BE REQUIRED DURING THE COURSE OF WORK.
- 2. ALL DIMENSIONS AND JOB RELATED CONDITIONS ARE TO BE VERIFIED BY THE CONTRACTOR. ANY DISCREPANCIES FOUND ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER/ENGINEER AND PROPERLY RESOLVED BEFORE PROCEEDING WITH THAT PORTION OF THE WORK. CONTINUATION WITH OTHER ASPECTS OF THE WORK SHALL PROCEED WITHOUT DELAY OR CAUSE FOR CLAIM.

EXISTING UTILITIES

- 1. EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL BE PROTECTED AND SUPPORTED AT ALL TIMES BY THE CONTRACTOR. THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS TO INTERFERE AS LITTLE AS POSSIBLE WITH EXISTING UTILITIES. THE CONTRACTOR SHALL HAVE NO CLAIM FOR ADDITIONAL COMPENSATION BY REASON OF DELAY AND/OR INCONVENIENCE IN ADAPTING HIS OPERATIONS ACCORDINGLY.
- 2. WHERE AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR THE RESOLUTION OF THE CONFLICT.
- 3. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION, RELOCATION AND ADJUSTMENT OF WATER, GAS, ELECTRIC, TELEPHONE, CABLE TV, FIRE ALARM, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES AS REQUIRED.

REMOVAL AND DISPOSAL

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) ALL MATERIALS INDICATED ON THE PLANS TO BE DISPOSED, INCLUDING BUT NOT LIMITED TO, MANHOLES, CATCH BASINS, PIPING, CONCRETE AND BITUMINOUS PAVEMENT, COBBLES, ROCK, TREES AND STUMPS, ETC. ALL GRIT AND DEBRIS FROM THE EXISTING STRUCTURES TO BE DEMOLISHED SHALL BE REMOVED AND DISPOSED OF AS INDICATED IN THE SPECIFICATIONS. ALL DEMOLITION MATERIAL INCLUDING CONCRETE, PIPE, AND BRICK THAT WAS IN CONTACT WITH SEWAGE SHALL BE DISPOSED OF IN ACCORDANCE WITH RIDEM REQUIREMENTS.
- 2. NOTIFY APPROPRIATE UTILITY COMPANIES TO TURN OFF AFFECTED SERVICES PRIOR TO REMOVAL AND DISPOSAL. SEAL WATER, SEWER, DRAINAGE AND GAS UTILITIES AND SERVICES AT EXCAVATION LIMITS OR AS REQUIRED, USING PLUGS, CAPS OR SEALS AS NEEDED.
- 3. UNDERGROUND PIPING TO BE ABANDONED AND REMAIN SHALL BE PROPERLY CAPPED UNLESS IT INTERFERES WITH NEW STRUCTURES, PIPES OR AS INDICATED, SPECIFIED AND DIRECTED BY ENGINEER.
- 4. REMOVE AND DISPOSE OF ALL EXISTING BITUMINOUS CONCRETE AND CEMENT CONCRETE, AS REQUIRED.

SEWER AND DRAIN

- 1. THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
- 2. WHERE EXISTING MATERIALS ARE ENCOUNTERED THAT, IN THE OPINION OF THE OWNER/ENGINEER ARE UNSUITABLE FOR BEDDING, BACK FILLING OR OTHER INTENDED USE, SUCH MATERIALS SHALL BE REMOVED AS DIRECTED AND REPLACED WITH SUITABLE GRAVEL BORROW, CRUSHED STONE AND/OR SELECTED BORROW, AS DIRECTED BY THE OWNER/ENGINEER AND PAID FOR UNDER THE APPROPRIATE BID ITEMS.
- 3. INVERTS AND DIRECTIONS OF PIPES AND CONDUITS ARE SHOWN FOR THE PURPOSE OF INDICATING THE BASIC PARAMETERS USED DURING THE DESIGN. HOWEVER, MINOR CHANGES IN HORIZONTAL AND VERTICAL LOCATIONS MAY BE REQUIRED DURING CONSTRUCTION AS FIELD CONDITIONS WARRANT. FINAL LOCATIONS OF OTHER PIPES AND/OR CONDUITS SHALL BE DETERMINED IN THE FIELD. ANY CHANGES SHALL BE APPROVED BY THE ENGINEER.
- 4. WHERE PIPING IS TO BE CONNECTED TO EXISTING PIPING OR STRUCTURES, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ADAPTERS, FITTINGS AND ADDITIONAL PIPE (REQUIRED AS A RESULT OF CUTTING THE EXISTING PIPE BACK) TO COMPLETE THE CONNECTION AS REQUIRED.
- 5. SEWER AND DRAIN SERVICE CONNECTIONS ARE LOCATED FOR ESTIMATING PURPOSES ONLY, EXACT LOCATIONS TO BE DETERMINED IN FIELD.
- 6. UNLESS OTHERWISE STIPULATED, ALL DRAINAGE PIPE SHALL BE AS INDICATED ON THE DRAWINGS, AND UNLESS SPECIFICALLY APPROVED BY THE ENGINEER, MANHOLES OR CATCH BASINS SHALL BE SOLID BLOCK OR PRECAST CONCRETE STRUCTURES CONFORMING TO THE LATEST RIDOT STANDARDS.
- 7. ALL DRAINAGE STUBS FOR FUTURE CONNECTIONS SHALL BE PLUGGED OR CAPPED AND LEFT WATER-TIGHT.

WATER

- 1. MINIMUM WATER PIPE COVER SHALL BE 5'-0" EXCEPT AS OTHERWISE INDICATED ON THE DRAWINGS OR APPROVED BY THE
- 2. EXCEPT WHERE OTHERWISE NOTED, 18" MINIMUM VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN THE EXTERIOR OF WATER MAINS AND OTHER UTILITIES.
- 3. ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS AND KENT COUNTY WATER AUTHORITY (KCWA) SPECIFICATIONS. IN CASE OF CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN.
- 4. PIPE TAPPING SLEEVES AND REPAIR CLAMPS SHALL BE MADE OF STAINLESS STEEL AND PROVIDED WITH TYPE 304 STAINLESS STEEL BOLTS AND NUTS.
- 5. THE COMPLETED POTABLE WATER SERVICE SHALL BE SATISFACTORILY CLEANED, CHLORINATED, AND PRESSURE TESTED.
 6. IN THE EVENT THAT TEMPORARY WATER BYPASS IS REQUIRED, THE CONTRACTOR SHALL SUBMIT A TEMPORARY WATER BYPASS PLAN TO THE ENGINEER FOR REVIEW, AND SHALL MAKE ANY CHANGES TO THE BYPASS PLAN AS DEEMED NECESSARY BY THE ENGINEER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ANY DWELLINGS/BUILDINGS WITH

WATER SERVICES AFFECTED BY THE PROPOSED WORK BE PROVIDED WITH TEMPORARY WATER SERVICE.

SITE RESTORATION

- 1. EXCEPT WHERE NOTED BY PROPOSED CONTOUR LINES AND/OR SPOT ELEVATIONS, ALL FINAL CONTOUR LINE ELEVATIONS SHALL BE THE SAME AS EXISTING CONTOUR LINE ELEVATIONS.
- 2. JOINTS BETWEEN NEW BITUMINOUS CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED
- WITH BITUMEN AND BACKSANDED.

 3. ALL CURBING DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE RESET, RESTORED OR REPLACED IN KIND, IF DAMAGED, INCLUDING CEMENT CONCRETE, IN ACCORDANCE WITH THE CITY OF WARWICK AND RIDOT STANDARDS, REGARDLESS OF ITS PROXIMITY TO THE DRAIN OR SEWER, AS DIRECTED BY THE OWNER/ENGINEER. PAYMENT SHALL BE CONSIDERED PART OF AND
- PAID FOR UNDER THE APPROPRIATE PIPE ITEMS AS APPLICABLE UNLESS OTHERWISE INDICATED ON PLANS.

 4. ALL SIDEWALK AND WHEELCHAIR RAMP AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IN CONFORMANCE TO THE AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS AND THE ARCHITECTURAL ACCESS BOARD (AAB) REQUIREMENTS AT THE CONTRACTOR'S EXPENSE.
- 5. THE CONTRACTOR SHALL REMOVE AND RESET ALL SIGNS DISTURBED DURING CONSTRUCTION, IN CONFORMANCE WITH THE RIDOT STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARDS.
- 6. 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.

MAINTENANCE OF EXISTING FLOWS

- 1. FLOW IN ALL SANITARY SEWERS, COMBINED SEWERS AND DRAINS SHALL BE MAINTAINED AT ALL TIMES. CONTRACTOR SHALL PROVIDE BYPASS EQUIPMENT AS NECESSARY TO COMPLETE WORK. SEE SPECIFICATIONS.
- 2. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY EQUIPMENT, PIPING, FITTINGS AND APPURTENANCES NECESSARY TO COMPLETE THIS CONTRACT.
- 3. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL TEMPORARY BYPASS-LINES UNTIL THE MODIFICATIONS AND CONSTRUCTION ARE COMPLETE

EXCAVATION SUPPORT, DEWATERING NORTH

- 1. ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WELL POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
- 2. TRENCH/EXCAVATION DEWATERING MAY BE REQUIRED FOR THIS WORK; DISCHARGE OF FINES OR SEDIMENTS FROM DEWATERING
 OPERATIONS IS NOT PERMITTED. SEE SPECIFICATION AND STANDARD DETAILS FOR SILTATION BASIN/SEDIMENT CONTROL TRAP
 INSTALLATION/USAGE
- 3. DISCHARGE FROM DEWATERING OPERATIONS SHALL NOT BE DIRECTLY DISCHARGED INTO THE COMBINED SEWER. ALL CONSTRUCTION DEWATERING SHALL HAVE SILT AND SEDIMENT REMOVED PRIOR TO DISCHARGE (SEE SPECIFICATIONS).

SOIL EROSION AND SEDIMENTATION CONTROL

- 1. THE CONTRACTOR SHALL FOLLOW THE APPROVED SITE SOIL EROSION AND SEDIMENTATION CONTROL (SESC) PLAN AND DIRECTION OF THE ENGINEER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SESC MEASURES ON THE PROJECT SITE FOR THE FULL DURATION OF THE CONSTRUCTION PERIOD. TEMPORARY SESC MEASURES MAY INCLUDE, BUT SHALL
- NOT BE LIMITED TO, CONSTRUCTION ENTRANCE PADS, COMPOST FILTER SOCKS, CATCH BASIN INSERTS, ETC.

 2. ALL SESC MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AND INSPECTED BY THE ENGINEER PRIOR TO THE START OF CONSTRUCTION. THE SESC MEASURES SHALL BE REGULARLY INSPECTED, CLEANED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION OPERATIONS IN ACCORDANCE WITH THE SESC PLAN. SESC MEASURES SHALL ALSO BE INSPECTED AND CLEANED AFTER ALL SIGNIFICANT STORM EVENTS AS STIPULATED BY THE SESC PLAN AND AT THE DIRECTION OF THE OWNER OR ENGINEER.
- 3. CONTRACTOR SHALL MAINTAIN AN ADEQUATE SUPPLY OF SESC MEASURE MATERIALS ON SITE TO BE INSTALLED IN AREAS WHERE EXISTING SESC MEASURES HAVE FAILED OR ARE NECESSARY AS DETERMINED BY THE ENGINEER. NO WORK OR STORAGE OF
- CONSTRUCTION EQUIPMENT WILL BE PERMITTED OUTSIDE THE LIMIT OF DISTURBANCE.

 4. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER FOR REGULAR INSPECTION AND REPORTING REQUIREMENTS.
- 5. SESC MEASURES SHALL BE MAINTAINED UNTIL SITE WORK IS COMPLETE AND ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. UPON PERMANENT STABILIZATION OF ALL DISTURBED SOILS, THE SESC MEASURES SHALL BE REMOVED AND PROPERLY DISPOSED. PROVIDE SESC MEASURES AT PERIMETERS OF ALL EXCAVATION AREAS, DISTURBED SURFACES AND AT ALL CATCH BASINS ADJACENT TO DISTURBED AREAS. PROVIDE COMPOST FILTER SOCKS IN ACCORDANCE WITH SPECIFICATION REQUIREMENTS AND AS SHOWN ON THE DETAIL DRAWINGS.
- 6. ALL MITIGATIVE FEATURES, FACILITIES AND SYSTEMS OF TREATMENT AND CONTROL THAT MAY BE INSTALLED OR USED SHALL BE PROPERLY MAINTAINED TO PREVENT HARM TO AREAS ADJACENT TO THE SITE.

TREE PRESERVATION

- 1. PROTECT TREES WITHIN THE PUBLIC RIGHT-OF-WAY BY INSTALLING TREE PROTECTION AROUND TREES, AS INDICATED IN THE
- 2. PRIOR TO CONSTRUCTION DETERMINE REQUIRED CLEARANCES AND CONTRACT LICENSED ARBORIST TO PRUNE TREES.
- 3. BRANCHES OR LIMBS DAMAGED DURING CONSTRUCTION SHALL BE CUT BACK TO THE TRUNK OR A LATERAL BRANCH.
- MAKE EVERY EFFORT TO MAINTAIN EXCAVATION ACTIVITIES OUTSIDE LIMITS OF THE TREE CANOPY.
 ROOTS LARGER THAN 1.5" IN DIAMETER ENCOUNTERED IN EXCAVATIONS SHALL BE CUT OFF SQUARELY USING A SHARP ARBORIST
- 6. MAINTAIN STORAGE OF EQUIPMENT AND MATERIALS OUTSIDE THE DISTANCE OF THE RADIUS OF THE TREE CANOPY.

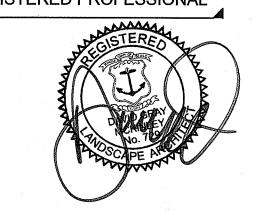
SIDEWALK AND PAVEMENT RESTORATION

- 1. ALL EXISTING PAVEMENT DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED WITH TEMPORARY PAVEMENT AS DETAILED. TEMPORARY PAVEMENT SHALL BE INSTALLED WITHIN ALL DISTURBED PAVEMENT AREAS BY THE CLOSE OF WORK ON FRIDAY OF THE WEEK THE PAVEMENT WAS DISTURBED UNLESS OTHERWISE DIRECTED BY THE ENGINEER. AT NO TIME WILL DISTURBED PAVEMENT AREAS BE ALLOWED OVER WEEKENDS, HOLIDAYS, OR DURING SEVERE WEATHER CONDITIONS. TEMPORARY PAVEMENT SHALL REMAIN IN-PLACE FOR A MINIMUM PERIOD OF NINETY (90) CALENDAR DAYS AND ONE WINTER PRIOR TO INSTALLATION OF THE PERMANENT PAVEMENT TRENCH OR SURFACE RESTORATION.
- ALL WALKS SHALL HAVE A CROWN OR CROSS-SLOPE OF 1/8" PER FOOT MINIMUM.
 ALL PAVEMENT MARKINGS SHALL BE REPLACED IN KIND, OR IN ACCORDANCE WITH SPECIFICATIONS.

PREPARED BY



REGISTERED PROFESSIONAL



SUBCONSULTANT

PROJECT

Bishop Park

Warwick, RI

GENERAL NOTES

SUBMISSION 08.04.202
REVISIONS DATE

DRAWN BY: CC/SR/MH

DESIGNED BY: DM/MH

CHECKED BY: DM

ISSUE DATE: 12/12/22

10845

SCALE

SHEET NO.

BETA JOB NO.

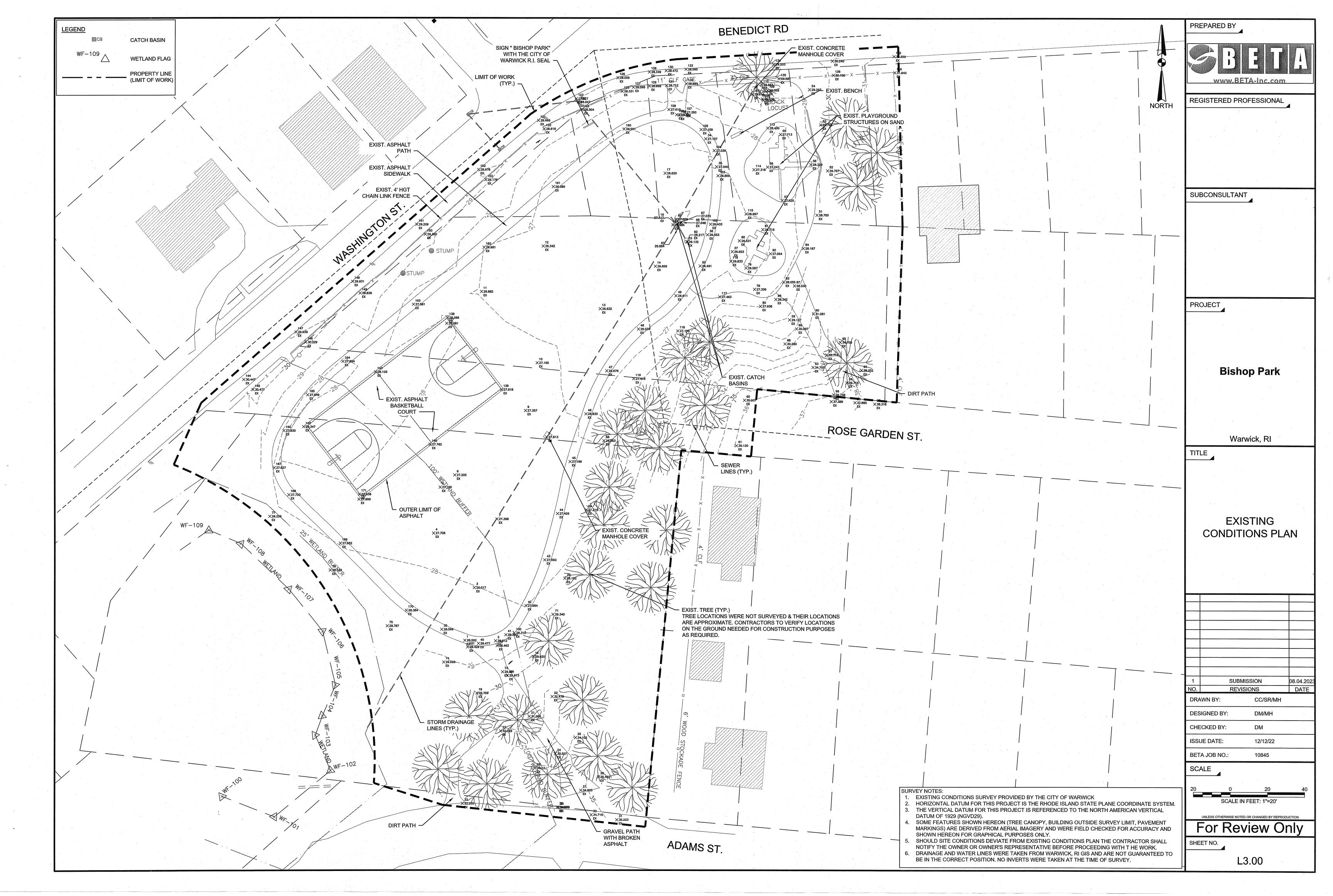
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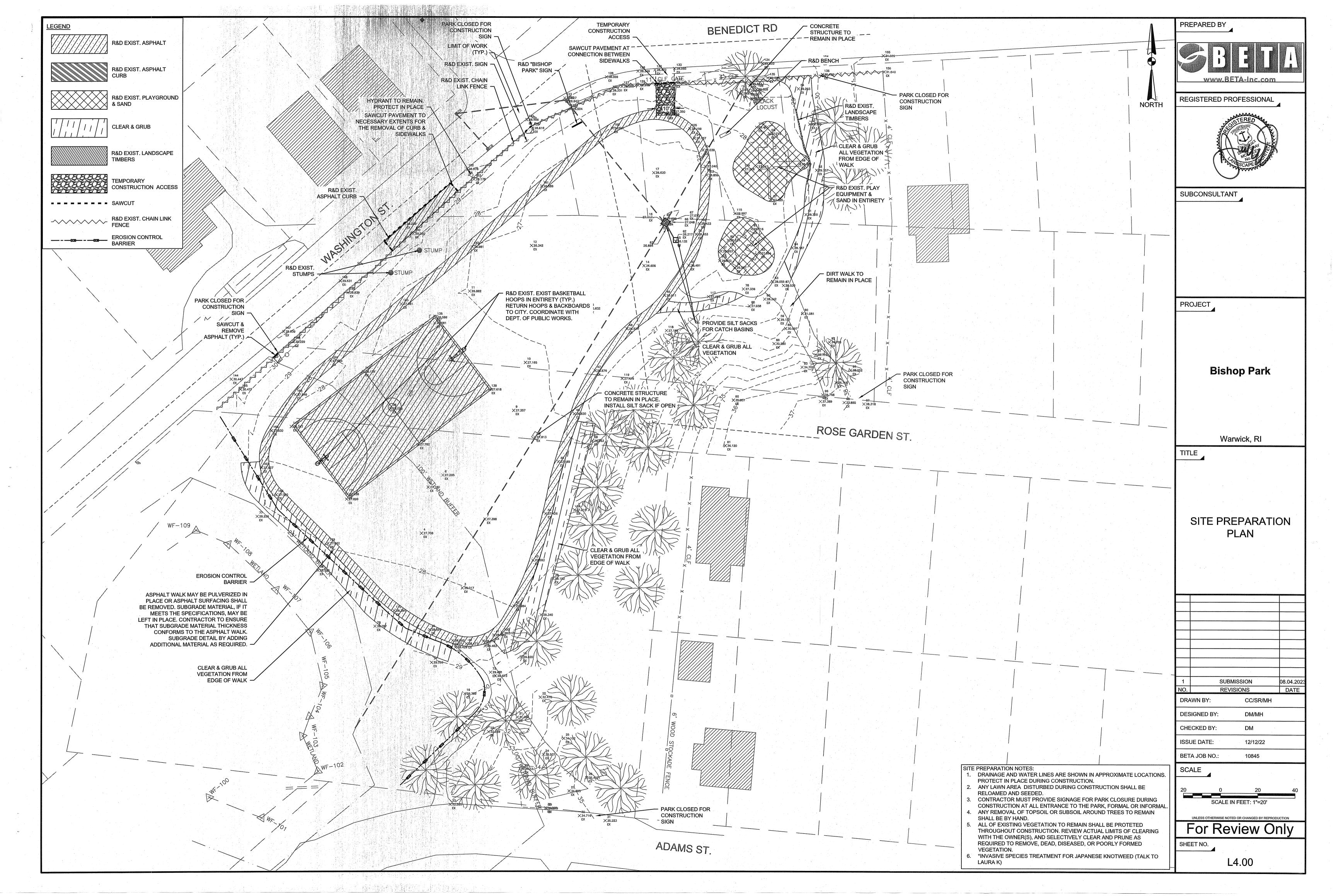
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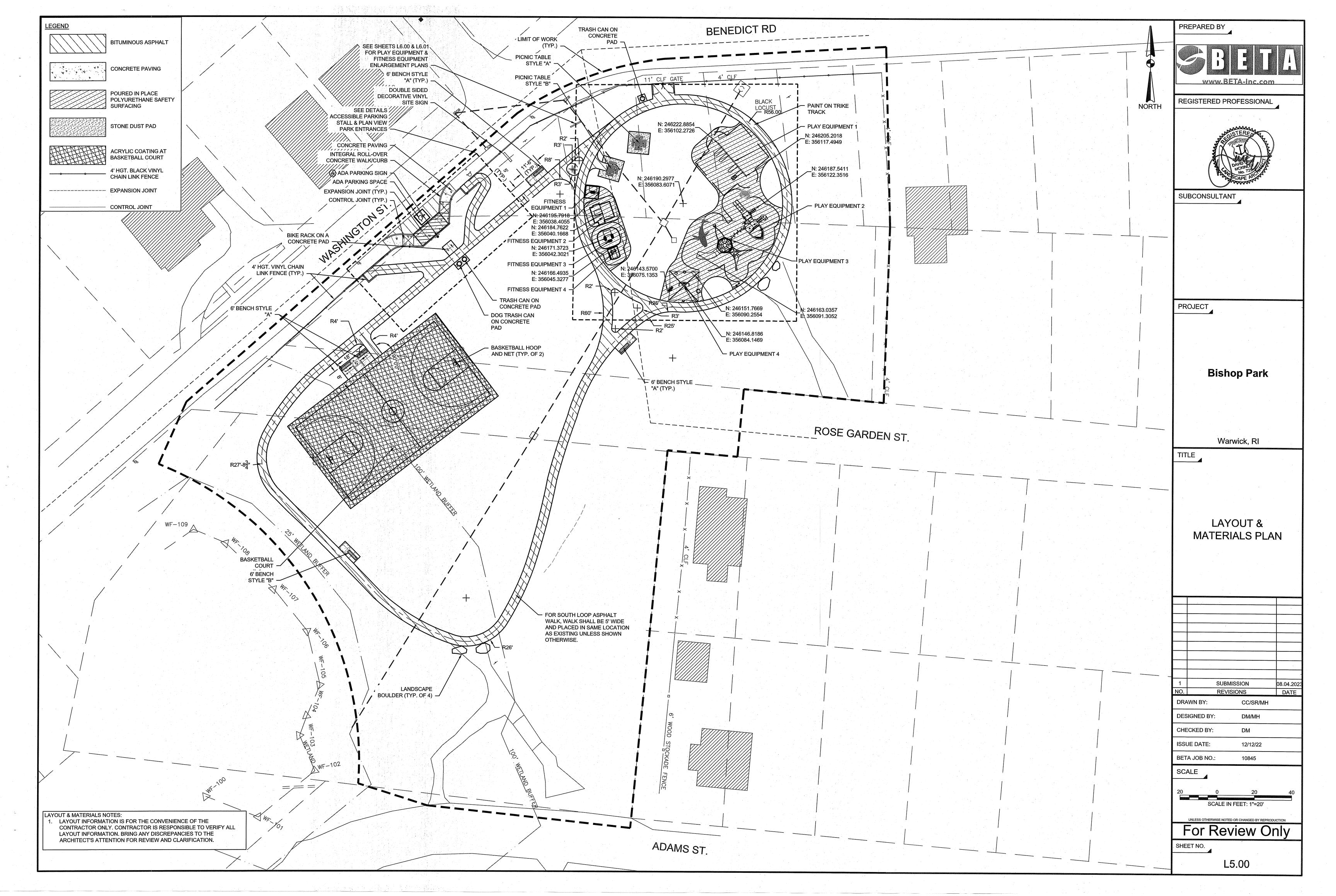
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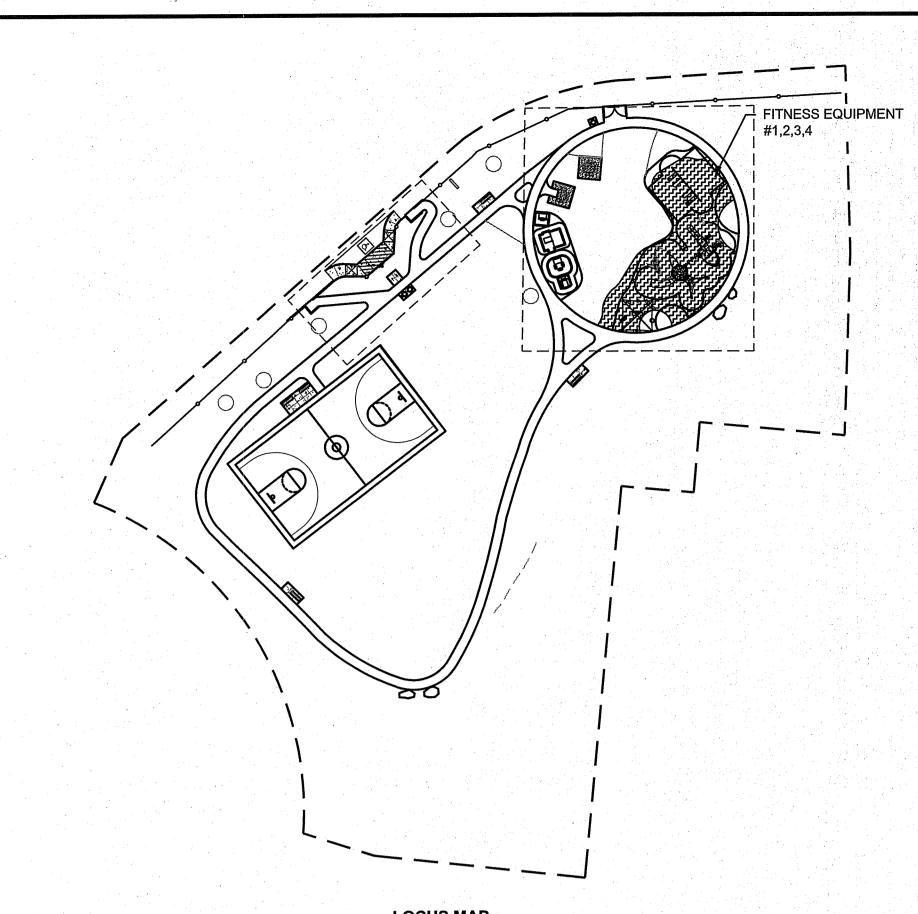
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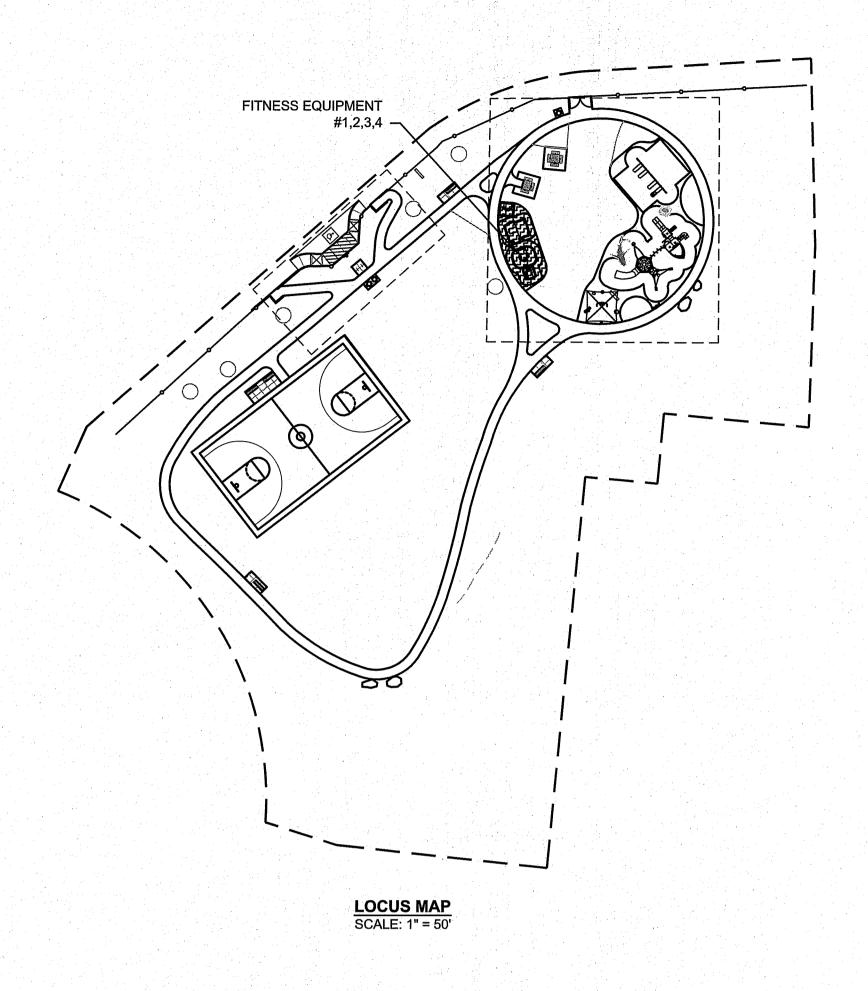


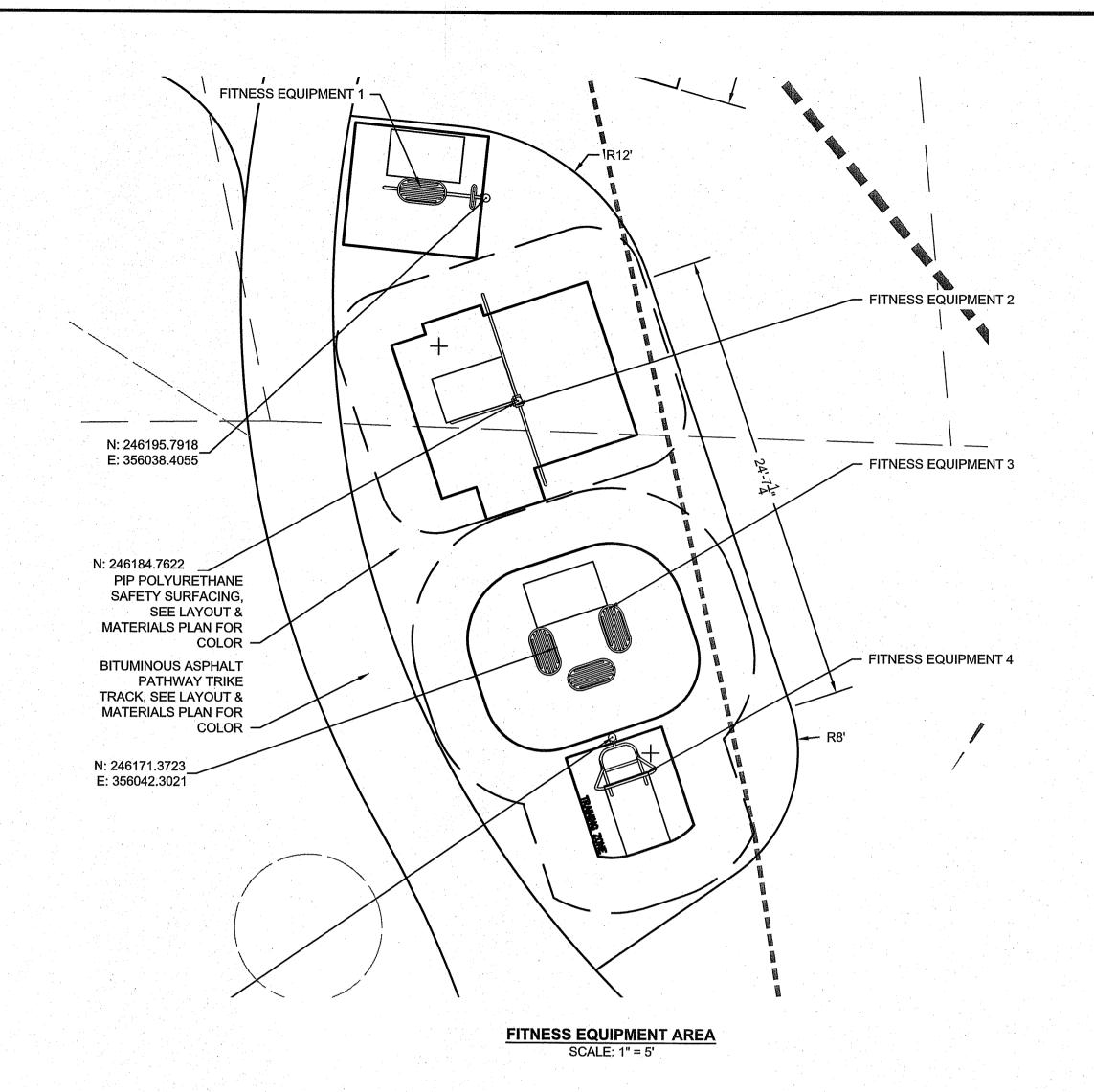


	PLAY S	TRUCTURE 1
QTY	ITEM NUMBER	ITEM NAME
1	177332	SINGLE POST SWING DB ONLY
. 1	177333	SINGLE POST SWING ADDITIONAL BAY DB ONLY
3	174018	BELT SEAT W/PROGUARD CHAINS 8' BEAM HEIGHT
1	177351	MOLDED SEAT/HARNESS W/PROGUARD CHAINS 8' BEAM HEIGHT

	TEAT STREETING 21	PLAY BOOSTER ® (5-12 YEARS)
QTY	ITEM NUMBER	ITEM NAME
1	193174	SOL SPINNER
1	*CP004765 DTR	PB 7-POST NETPLEX W/RPL WOOD-GRAIN ACCENT PANELS
1	271912	SKYPORT CLIMBRT W/ALPINE SLIDE 7 POST
1	272371	ZENITH CLIMBER FOR 7 POST NETPLEX
1	116249	VERT. LADDER
1	176756*	SHIP MASY 2-SAIL CUSTOM
1	176731*	POST MOUNT SHIP WHEEL ABOVE DESK CUSTOM
1	176759*	SHIP BOW 84" WIDE CUSTOM
1	176805*	SHIP WINDOW48" PANEL CUSTOM
1	176832*	DECK DIFF. SHIP LADDER CUSTOM
1	152911	LEFT TRANSFER MODULE
1	152907	DECK LINK W/ BARRIERS & STEEL END PANELS TWO STEPS
1	176756*	SHIP MAST 2-SAIL CUSTOM
1	*CP000085 DTR	PB PIRATE SHIP GANG PLANK FOR CLIMBER 72" DECK
1	*CPO14763 DTR	42" OC ROCKER SEAT
1	130390	DOUBLE SWOOSH SLIDE
1	*CP000337 DTR	PB RECYCLED WOOD-GRAIN BARRIER W/TELESCOPE
1	*CP014763 DTR	42" OC ROCKER SEAT
1	172666	CORKSCREW W/RECYCLED WOOD-GRAIN HANDHOLDS
1	193170	LOLLILADDER W/(2) E-PODS

		STRUCTURE 3	
QTY	ITEM NUMBER	ITEM NAME	
	*CP006389	IND TRIKEWAY TRIKE TRACK REST STOP, DB	
1		GAS SIGN AND GAS PUMP	
		CTDUCTUDE 4	
QTY	ITEM NUMBER	STRUCTURE 4 ITEM NAME	
WIT	I I EWI NUWBER	SKYWAYS 16' X 16' CANTILEVER SINGLE POST	
1	237675	PYRAMID W/RAPID RELEASE W/8' ENTRANCE NOTE: THE SKYWAYS CATILEVER SINGLE POST	
1	173595	PYRAMID IS NOT IPEMA CERTIFIED LOG BENCH	
1	228212	DITTY METALLOPHONE	
1	228214	WARBLE CHIMES	
1	228217	KETTLE JUNIOR DRUM	
2	186579	ACORN SEAT	
		R6'-6"	
		R14'-6"	
		13:73	
		1.5.7 E. 1.7.7	
		PLAY EQUIPMENT 4	





	FITNESS E	QUIPMENT 1
QTY	ITEM NUMBER	ITEM NAME
1	192451	HEALTHBEAT AB CRUNCH/LEG LIFT DESIGNED FOR AGES 13 YEARS AND OLDER

FITNESS EQUIPMENT 2			
QTY	ITEM NUMBER	ITEM NAME	
1	192452	HEALTHBEAT ASSISTED ROW/PUSH-UP DESIGNED FOR AGES 13 YEARS AND OLDER	

	FITNES	S EQUIPMENT 3
QTY	ITEM NUMBER	ITEM NAME
1	192459	HEALTHBEAT POLYMERICS DESIGNED FOR AGES 13 YEARS AND OLDER

FITNESS EQUIPMENT 4		
QTY	ITEM NUMBER	ITEM NAME
1	192460	HEALTHBEAT PULL-UP/DIP DESIGNED OR AGES 13 YEARS AND OLDER





REGISTERED PROFESSIONAL



SUBCONSULTANT

PROJECT

Bishop Park

Warwick, RI

TITLE

ENLARGEMENT PLAN - FITNESS EQUIPMENT

1	SUBMISSION	08.04.2
O.	REVISIONS	DATE

NO. REVISIONS DAT

DRAWN BY: CC/SR/MH

DESIGNED BY: DM/MH

CHECKED BY: DM

ISSUE DATE: 12/12/22

10845

SCALE

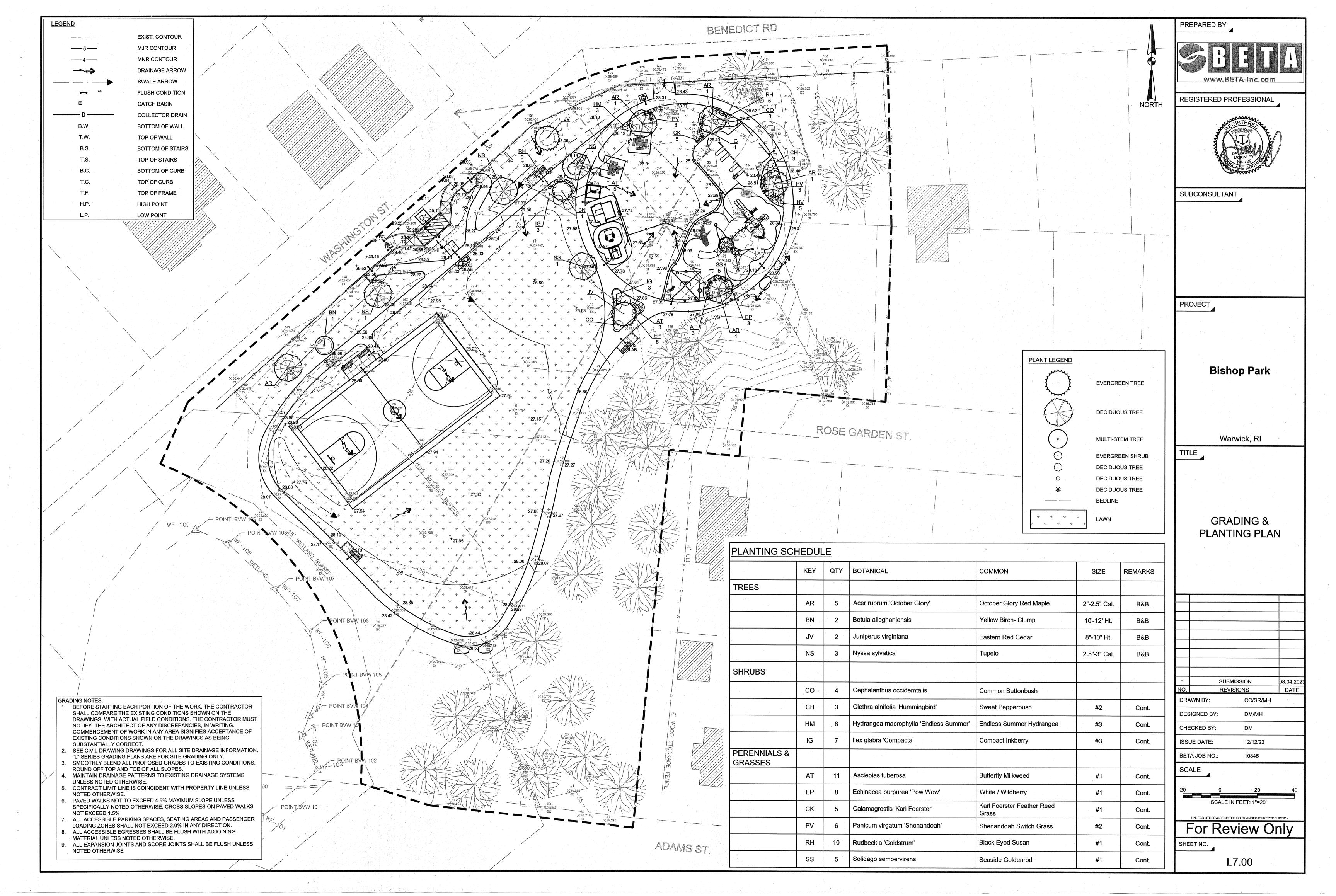
BETA JOB NO.:

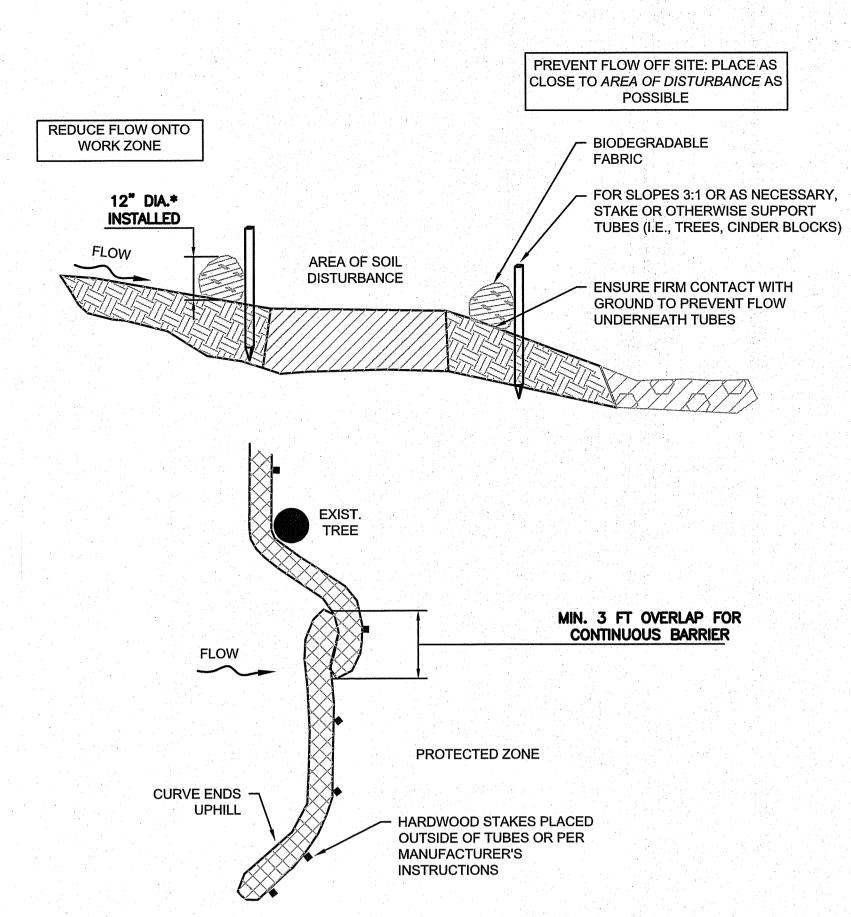
20 0 20 SCALE IN FEET: 1"=20'

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L6.01





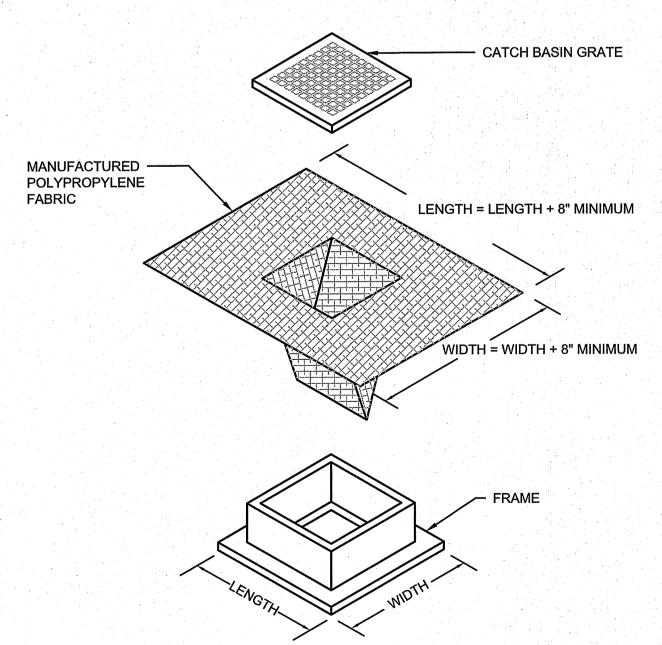
NOTES:

- NOTES:

 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

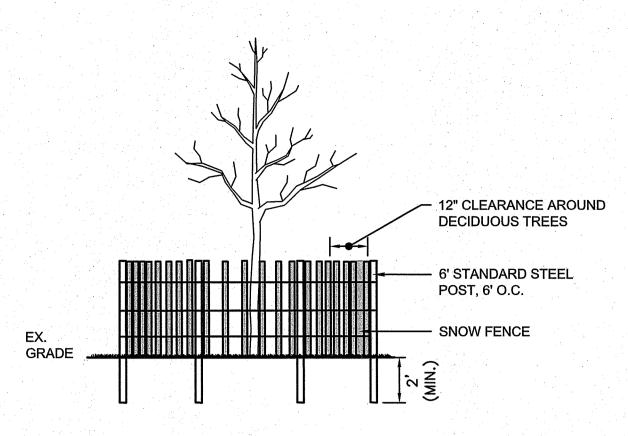
EROSION CONTROL - COMPOST FILTER TUBE



NOTES

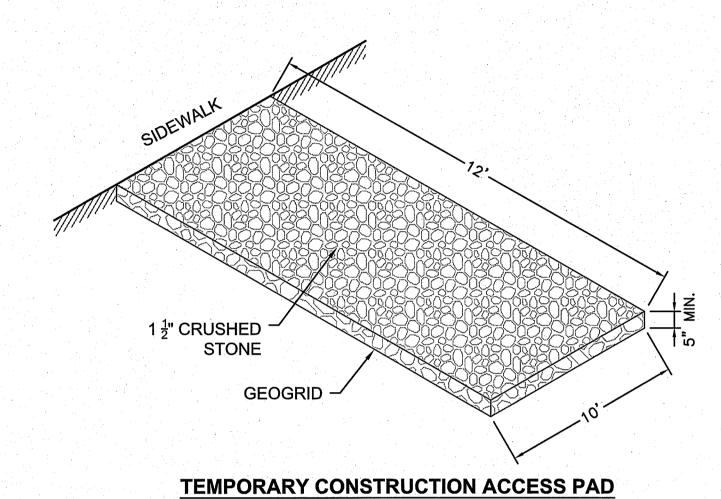
- LENGTH AND WIDTH OF POLYPROPYLENE FABRIC MUST EXCEED EXISTING CATCH BASIN FRAME DIMENSIONS BY A MINIMUM OF 8".
- 2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE.

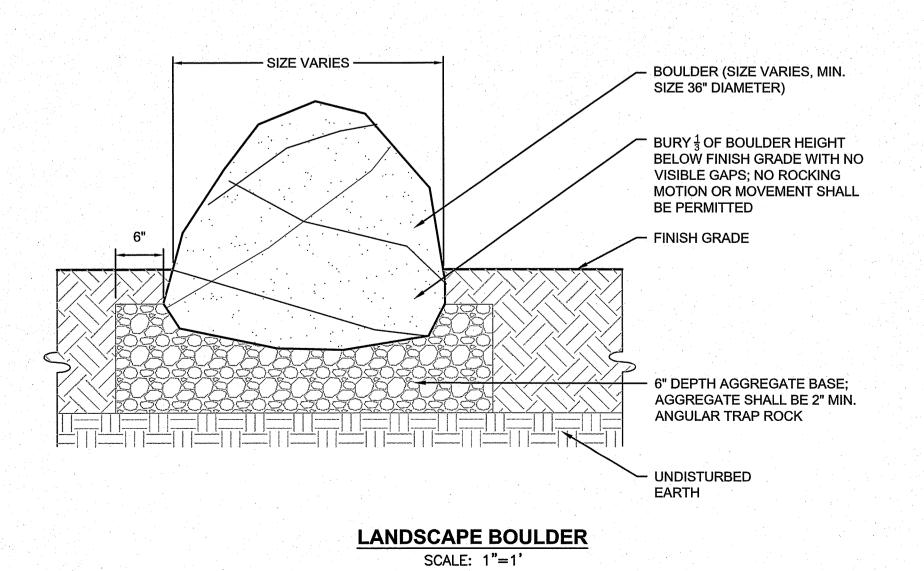
CATCH BASIN SEDIMENT CONTROL DEVICE - SILT SACK NOT TO SCALE



DRIPLINE TREE PROTECTION DEVICE

NOT TO SCALE

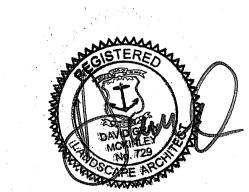






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NORTH



SUBCONSULTANT

PROJECT

Bishop Park

Warwick, RI

DETAILS - 1

1 SUBMISSION 08.04.2023
NO. REVISIONS DATE
DRAWN BY: CC/SR/MH

DESIGNED BY: DM/MH

CHECKED BY: DM

ISSUE DATE: 12/12/22

BETA JOB NO.: 10845

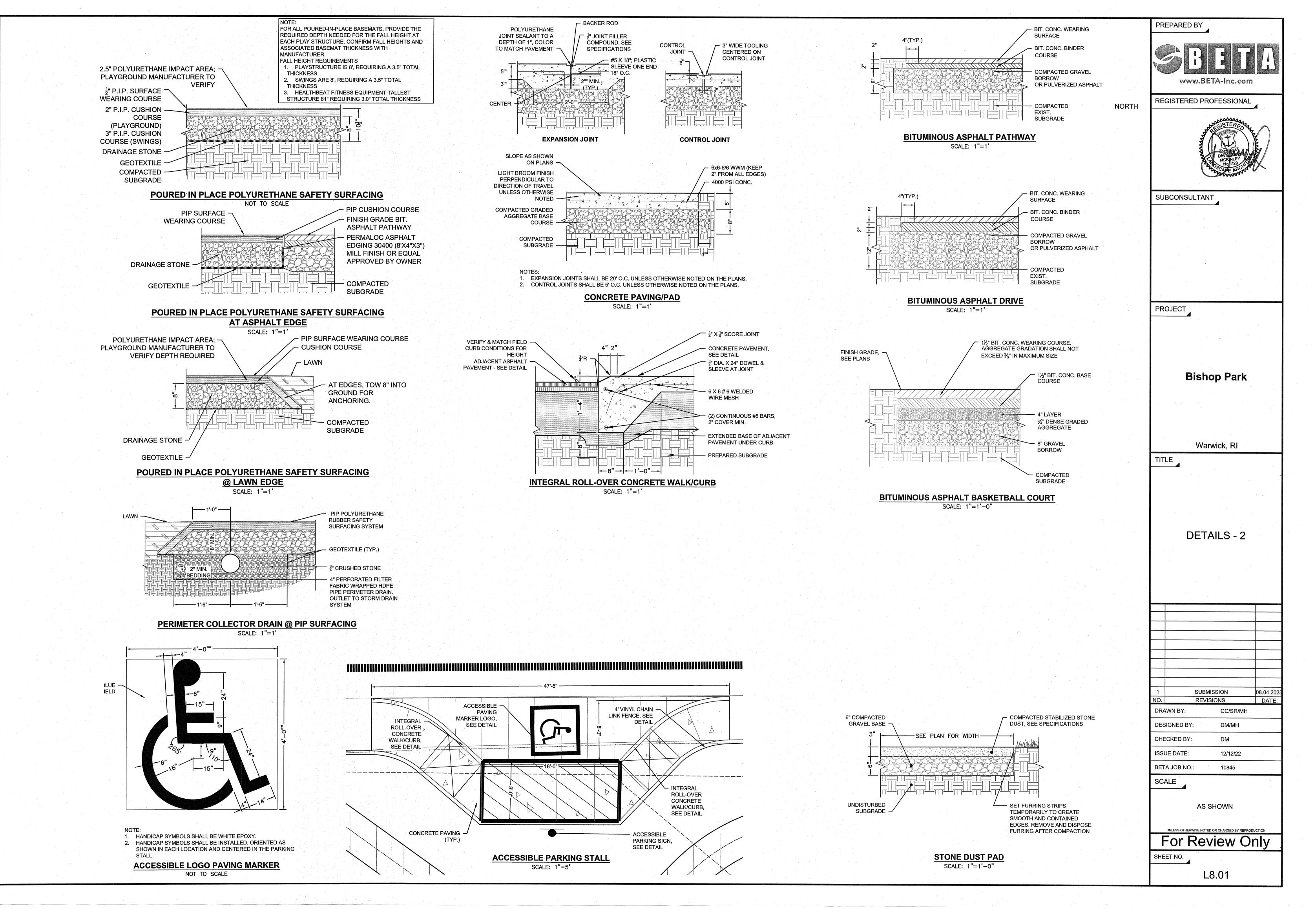
SCALE

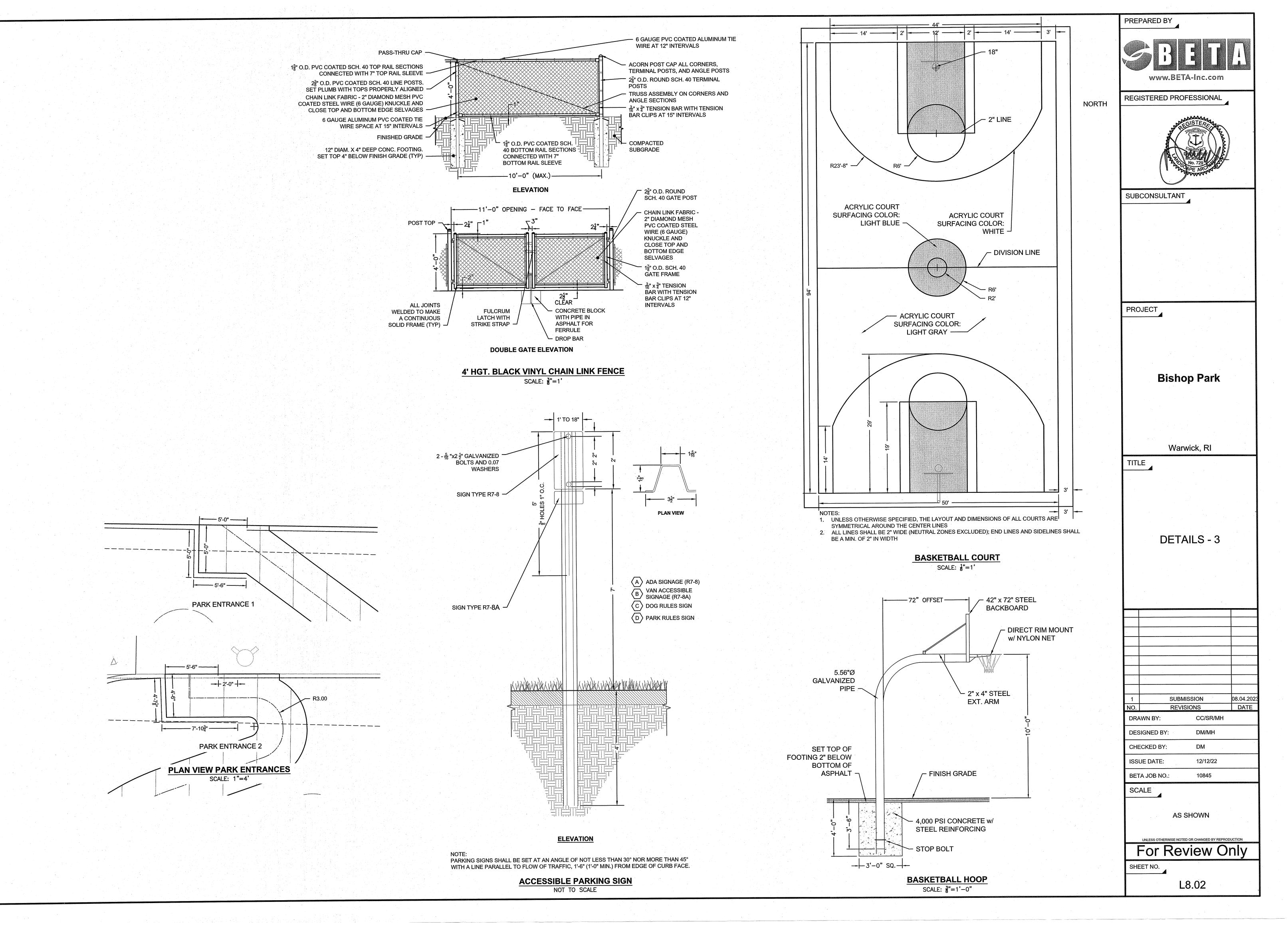
AS SHOWN

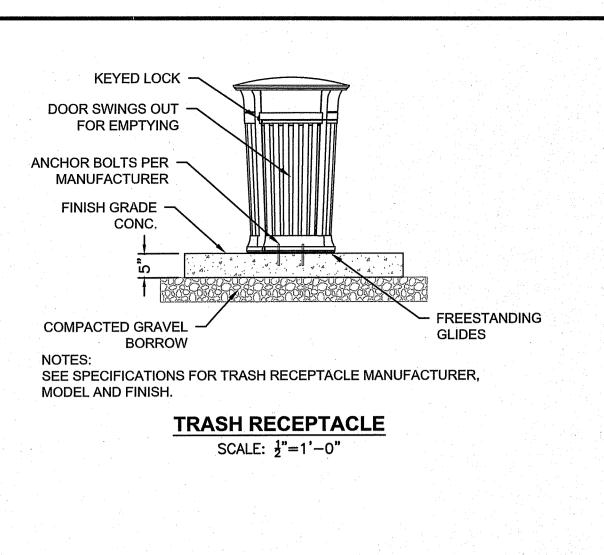
For Review Only

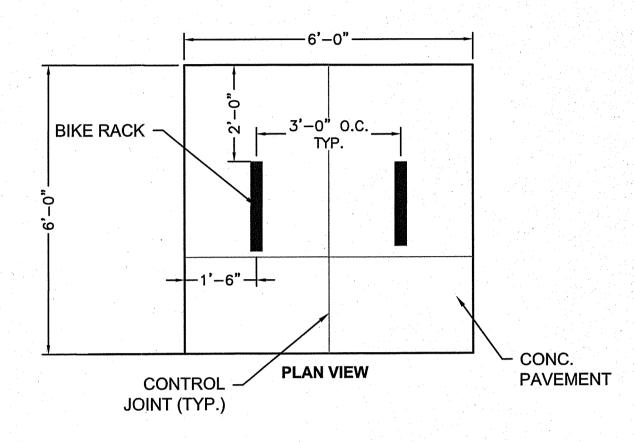
SHEET NO.

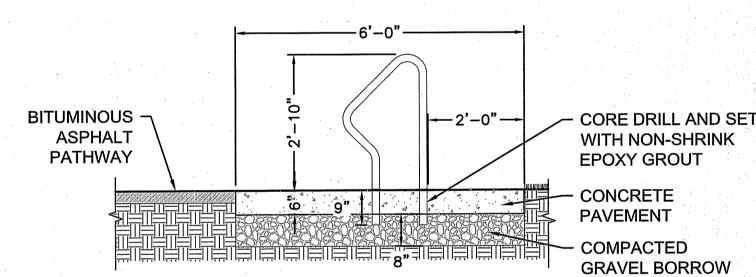
L8.00









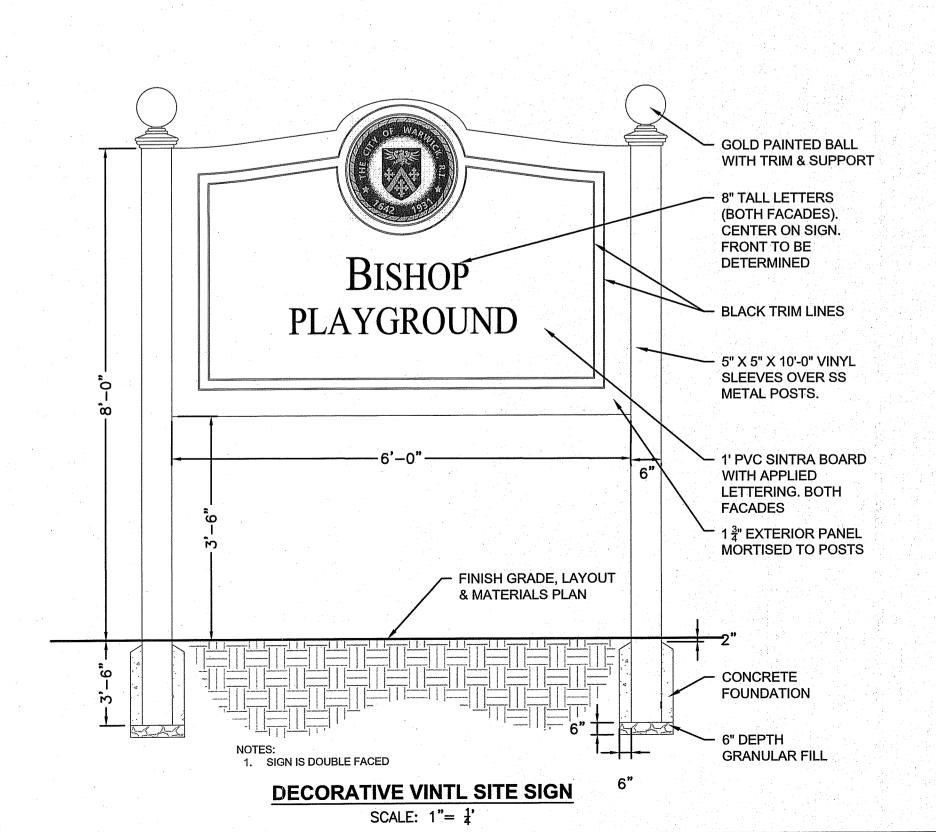


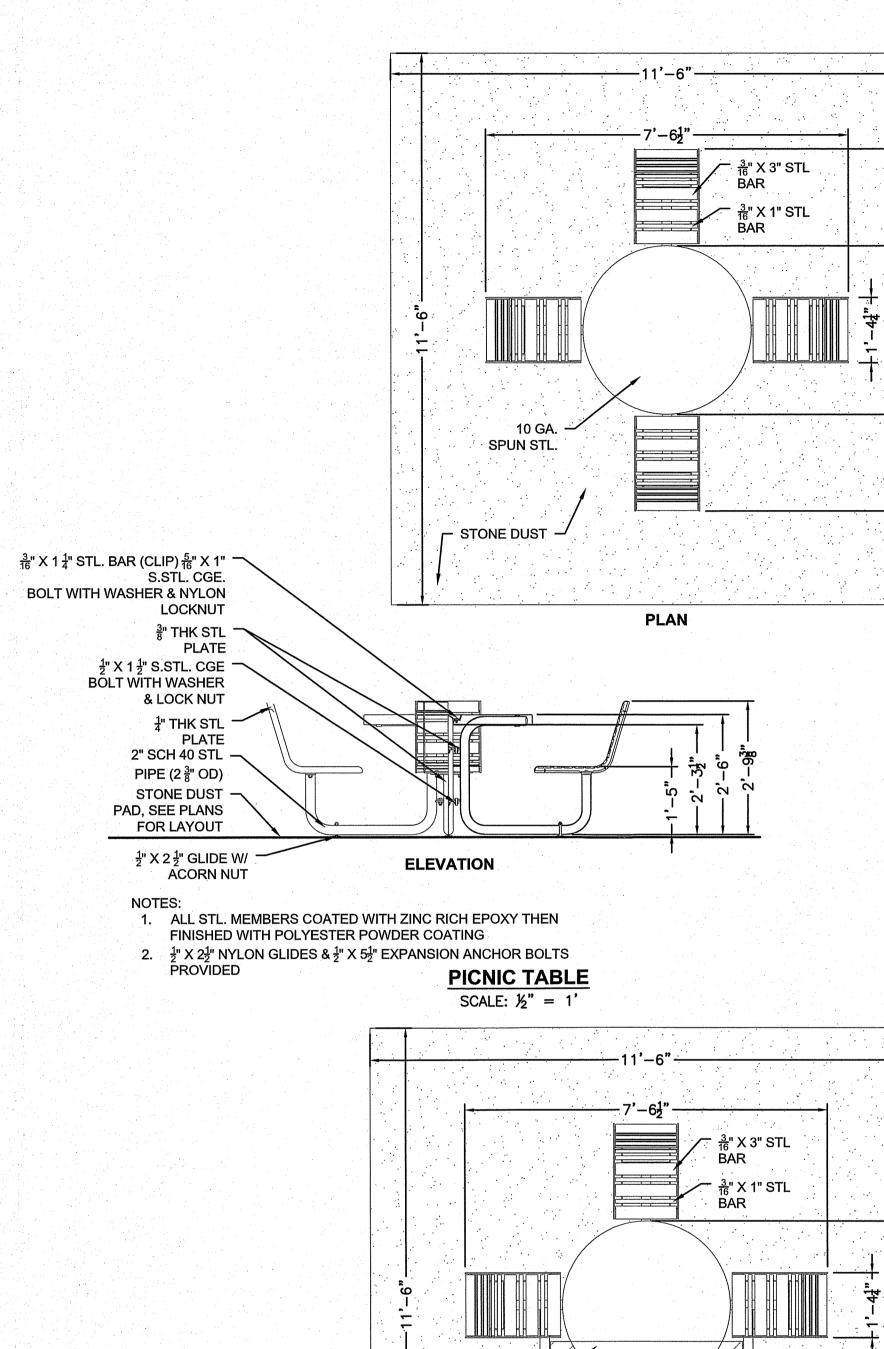
TYPICAL SECTION

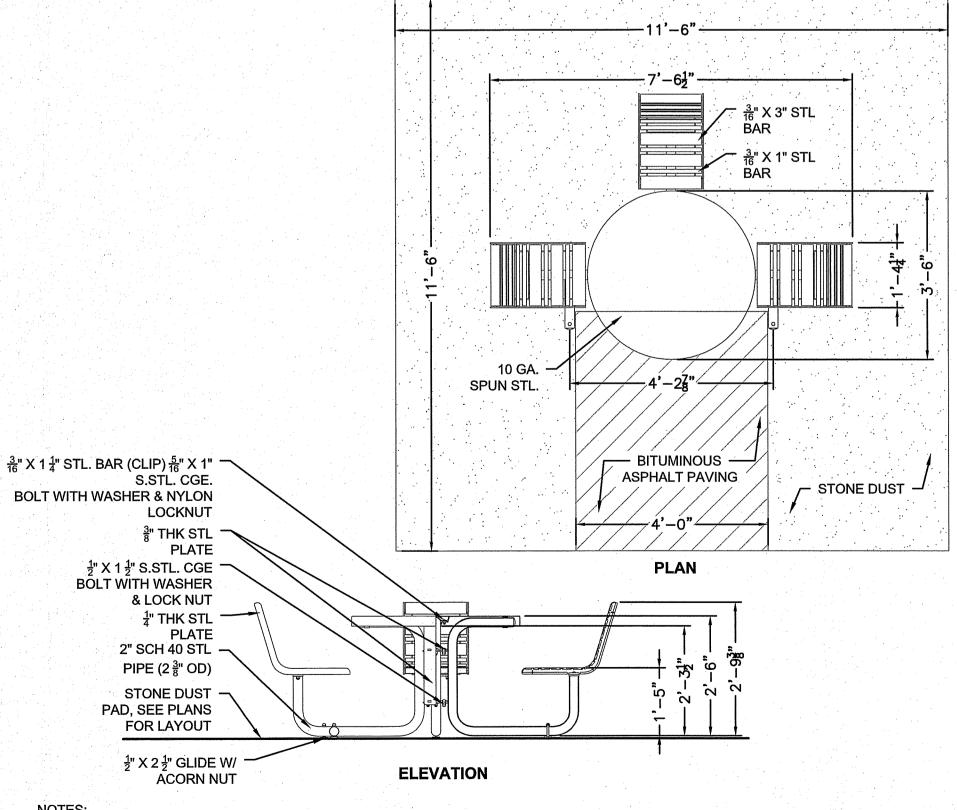
NOTE: SEE SPECIFICATIONS FOR BIKE RACK MANUFACTURER, MODEL AND FINISH.

BIKE RACK ON CONCRETE PAD

SCALE: ½"=1'-0"







NOTES: 1. ALL STL. MEMBERS COATED WITH ZINC RICH EPOXY THEN

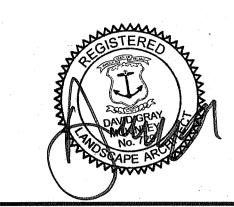
FINISHED WITH POLYESTER POWDER COATING 2. $\frac{1}{2}$ " X $2\frac{1}{2}$ " NYLON GLIDES & $\frac{1}{2}$ " X $5\frac{1}{2}$ " EXPANSION ANCHOR BOLTS

ADA ACCESSIBLE PICNIC TABLE

SCALE: ½" = 1'

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%" DIAM. x 8" STEEL ANCHOR BOLTS, 2

PER FRAME

MOUNTING DETAIL

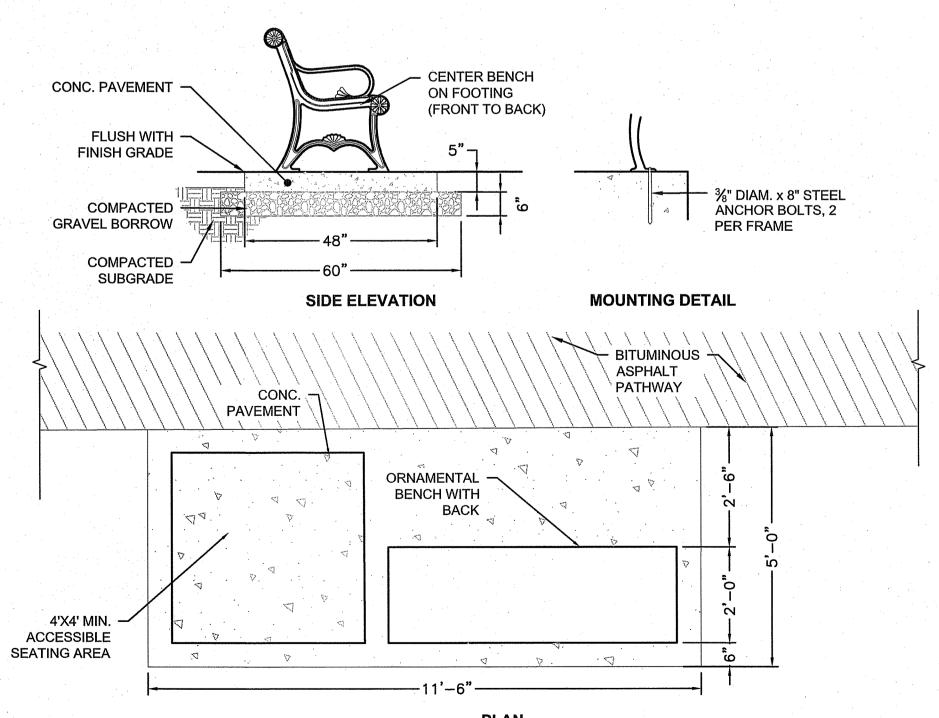
BITUMINOUS ASPHALT PATHWAY

Bishop Park

Warwick, RI

TITLE

DETAILS - 4



CENTER BENCH

(FRONT TO BACK)

ON FOOTING

ORNAMENTAL **BENCH WITHOUT**

PLAN

1. ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN POLYESTER POWDER COATED. SEE

4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

6' BENCH STYLE 'B'

SCALE: ½" = 1'

SIDE ELEVATION

CONC. **PAVEMENT**

2. EXPANSION ANCHOR BOLTS PROVIDED BY MANUFACTURER.

SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH.

SPECIFICATIONS FOR COLOR.

CONC. PAVEMENT

GRAVEL BORROW

4'X4' MIN.

ACCESSIBLE

SEATING AREA

COMPACTED -SUBGRADE

FLUSH WITH FINISH GRADE

COMPACTED

PLAN 1. ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN POLYESTER POWDER COATED. SEE

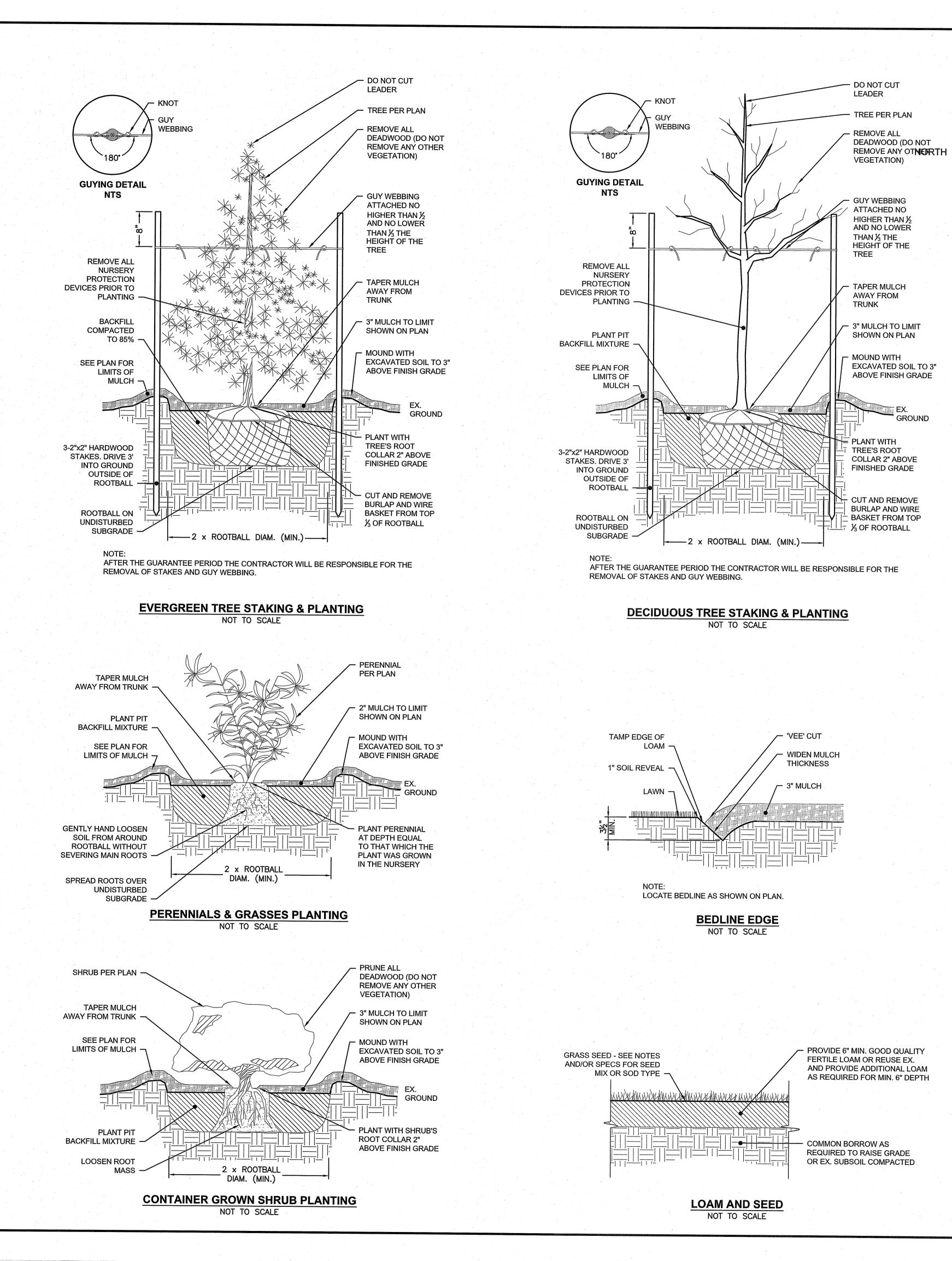
- SPECIFICATIONS FOR COLOR. 2. EXPANSION ANCHOR BOLTS PROVIDED BY MANUFACTURER.
- SEE SPECIFICATIONS FOR MANUFACTURER, MODEL, & FINISH.
- 4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

6' BENCH STYLE 'A' SCALE: ½" = 1'

SUBMISSION 08.04.202 DATE NO. REVISIONS DRAWN BY: CC/SR/MH DM/MH **DESIGNED BY:** CHECKED BY: DM ISSUE DATE: 12/12/22 BETA JOB NO. 10845 SCALE **AS SHOWN** For Review Only

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Bishop Park

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DETAILS - 5

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CHECKED BY:

ISSUE DATE:

BETA JOB NO.:

SCALE

SHEET NO.

08.04.202

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