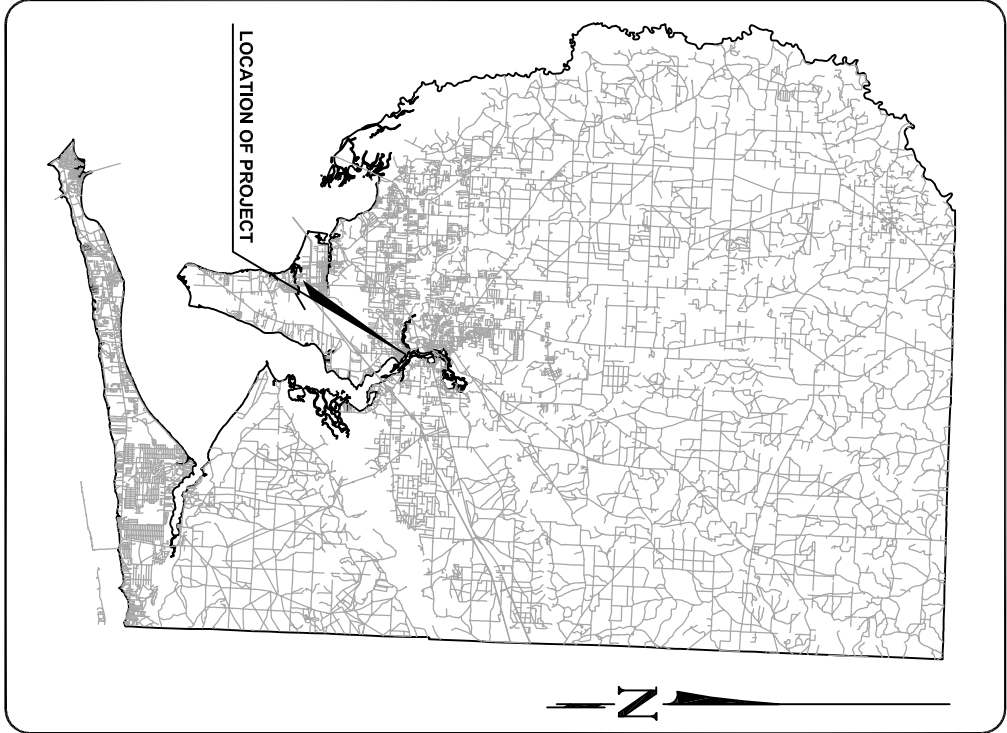




BOARD OF COUNTY COMMISSIONERS
SANTA ROSA COUNTY, FLORIDA
ENGINEERING DEPARTMENT

PLANS PROPOSED FOR

BAGDAD
MILL SITE PARK



SHEET NO.	SHEET DESCRIPTION
G-000	COVER SHEET
G-001	GENERAL NOTES
C-101	DEMOLITION & EROSION CONTROL PLAN
C-102	TYPICAL SECTIONS
C-200	PROJECT LAYOUT & KEY SHEET
C-201 - C-204	SITE PLANS
C-205	SITE DETAILS
C-301 - C-304	GRADING & DRAINAGE PLANS
C-305	POND 2 GRADING AND DRAINAGE
C-306	GRADING & DRAINAGE DETAILS
C-400	UTILITY PLAN
C-400A	LIFT STATION SITE PLAN
C-401 - C-402	UTILITY DETAILS
C-500 - C-501	SIGNAGE AND STRIPING PLAN
C-900 - C-902	STORM WATER POLLUTION PREVENTION PLAN
L-100	HARDSCAPE/LANDSCAPE OVERALL PLAN & KEY SHEET
L-101 - L-104	HARDSCAPE/LANDSCAPE PLAN
L-110	LANDSCAPE NOTES & DETAILS
L-111	LANDSCAPE LEGEND, NOTES, AND PLANT SCHEDULE
L-112	IRRIGATION DETAILS
L-113	IRRIGATION NOTES
L-200 - L-202	HARDSCAPE NOTES & DETAILS
L-203	SITE FURNISHINGS
L-204	GATEWAY ENTRANCE NOTES AND DETAILS
L-205	MULTI-PURPOSE PAVILION NOTES AND DETAILS
L-206	TEACHING KIOSK NOTES AND DETAILS
L-207 - L-208	FLOATING DOCK / PIER NOTES AND DETAILS
E-100	LIGHTING/ELECTRICAL PLAN
E-101 - E-103	LIGHTING DETAILS

PREPARED BY:

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Certificate of Authorization No. 24

COMMISSIONERS

DISTRICT ONE	JIM WILLIAMSON, CHAIRMAN
DISTRICT TWO	ROBERT A. "BOB" COLE, VICE CHAIRMAN
DISTRICT THREE	W.D. "DON" SALTER
DISTRICT FOUR	JIM MELVIN
DISTRICT FIVE	LANE LYNCHARD

NOT FOR CONSTRUCTION
80% PLAN SET
JANUARY 2012

- GENERAL NOTES:
1. THE CONTRACTORS SHALL NOTIFY THE SANTA ROSA COUNTY ENGINEER 48 HOURS PRIOR TO CONSTRUCTION.

2. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE SANTA ROSA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.

3. THE LOCATIONS SHOWN FOR EXISTING UNDERGROUND UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.

4. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT INDEX 102 OR AS DEEMED NECESSARY BY CONTRACTOR. THE FLORIDA STORM WATER EROSION AND SEDIMENT CONTROL INSPECTORS MANUAL 2001 EDITION OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED TO CONTROL SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNER.

5. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION BY CALLING SUNSHINE STATE ONE CALL 811 OR 800-638-4097 SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS INCLUDE:

WATER – BAGDAD-GARCON WATER SYSTEM

6388 DA USA ROAD

MILTON, FL 32583 PH: (850) 623-8508

SANITARY SEWER – CITY OF MILTON

6738 DIXON STREET

MILTON, FL 32570 PH: (850) 983-5400 FAX: (850) 983-5415

6. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

CHRIS PHILLIPS, P.E.

SANTA ROSA COUNTY ENGINEERING

6051 OLD BAGDAD HWY, SUITE 300

MILTON, FL 32505 PH: (850) 981-7100

7. THE CONTRACTOR SHALL BE AWARE THAT ALL DRAINAGE STRUCTURES OFFSETS ARE TO THE CENTER OF STRUCTURE BOX.

ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. SANTA ROSA COUNTY HAS OBTAINED ENVIRONMENTAL RESOURCE PERMITS (FDEP WETLAND #XX-XXXXX-XX-0F, FDEP STORMWATER #XX-XXXXX-XX-SI, AND U.S.A.C.E. PERMIT #SA-XXX-XXXX). CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS REQUIRED DUE TO WETLANDS AND METHODS OF CONSTRUCTION AND CONTRACTOR SHALL COMPLY WITH ALL FDEP, AND ARMY CORP. OF ENGINEERS PERMIT REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY FINES AND ANY OTHER COSTS RESULTING FROM HIS ACTIONS OR INACTION NOT IN ACCORDANCE WITH PERMIT CONDITIONS. THE CONTRACTOR SHALL ONLY IMPACT THOSE WETLANDS NOTED ON PLANS.

8. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.

9. THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.

10. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNER.

11. MAINTENANCE OF TRAFFIC AS PER FDOT DESIGN STANDARDS INDEX 600 AND AS DEPICTED IN MAINTENANCE OF TRAFFIC (MOT) PLANS INCLUDED IN THIS PLAN SET. CONTRACTOR CAN SUBMIT AN ALTERNATE MOT PLAN SIGNED AND SEALED BY A PROFESSIONAL ENGINEER TO THE COUNTY FOR REVIEW AND APPROVAL. CONTRACTOR SHALL BE NOT TRAINED AND AT LEAST ONE EMPLOYEE HAVE MOT SUPERVISOR CERTIFICATION.

12. EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.

13. ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE SANTA ROSA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.

14. ALL MATERIAL, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE SANTA ROSA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION. ALL MATERIAL AND TESTING SHALL BE SUPPLIED BY THE CONTRACTOR AND REPORTS SHALL BE SUBMITTED TO THE ENGINEER WEEKLY.

15. VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION VIA SOODING OF SLOPES, UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SOD RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.

16. EXISTING UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION UNLESS SHOWN OTHERWISE. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.

17. ALL COMPACTED FILL SHALL BE PLACED IN 4 INCH LIFTS FOR HAND POWERED TAMPERS AND 8 INCH LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.

18. ALL TREES SHALL BE PROTECTED DURING CONSTRUCTION UNLESS OTHERWISE NOTED ON PLANS.

19. WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(1), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNER PRIOR TO ANY EXCAVATION.

20. CONTRACTOR SHALL TRANSITION WIDENING AND PAVED SHOULDER INTO EXISTING EDGE OF PAVEMENT WITHIN 100 LF OF THE END OF CONSTRUCTION.

21. CONTRACTOR SHALL HAVE A CLEAN VERTICAL JOINT 6 INCHES INTO THE EDGE OF PAVEMENT.

22. ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBA COUNTY TECHNICAL SPECIFICATIONS.

23. ALL FLORIDA DEPARTMENT OF ENVIRONMENT PROTECTION, DIVISION OF STATE LANDS, BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTATION SHALL BE PROTECTED AT ALL TIMES. ANY DISTURBANCE TO SAID MONUMENTS SHALL BE REPLACED AT THE CONTRACTORS EXPENSE WITH NO COMPENSATION FROM THE COUNTY.

24. THE PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF THE PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.

STORMWATER NOTES:

1. THE CONTRACTOR SHALL PROVIDE TO SANTA ROSA COUNTY AS-BUILT RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY SANTA ROSA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE AS-BUILT CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE AS-BUILT RECORD DRAWINGS SHALL BE CLEARLY LABELED AS "AS-BUILT" OR "RECORD" DRAWING AND SHOW BOTH THE ORIGINAL DESIGN AND CONSTRUCTED CONDITION. ALL SURVEYED DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED AND SIGNED, DATED, AND SEALED BY A REGISTERED PROFESSIONAL SURVEYOR. SEE SHEET C-900 FOR MINIMUM REQUIREMENTS FOR STORMWATER AS-BUILTS.

2. THE CONTRACTOR SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 981-7100. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.

3. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW AS-BUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.

4. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

5. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND SANTA ROSA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.

6. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.

7. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.

8. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD.

9. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.

10. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W: 1-800-432-4770.

11. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE SANTA ROSA COUNTY ENGINEER OR DESIGNER PRIOR TO FINAL AS-BUILT SIGN OFF FROM THE COUNTY.

12. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALES SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.

ENGINEER OF RECORD

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Certificate of Authorization No. 24

GREGORY S. ALLEN, P.E.

FL P.E. NO. 51838

SCALE:

DESIGNED BY:

CHECKED BY:

APPROVED BY:

DRAWING NUMBER:

PROJECT NUMBER:

CLIENT NUMBER:

80% PLANS NOT FOR CONSTRUCTION

100018518

G-001

BAGDAD MILL SITE PARK

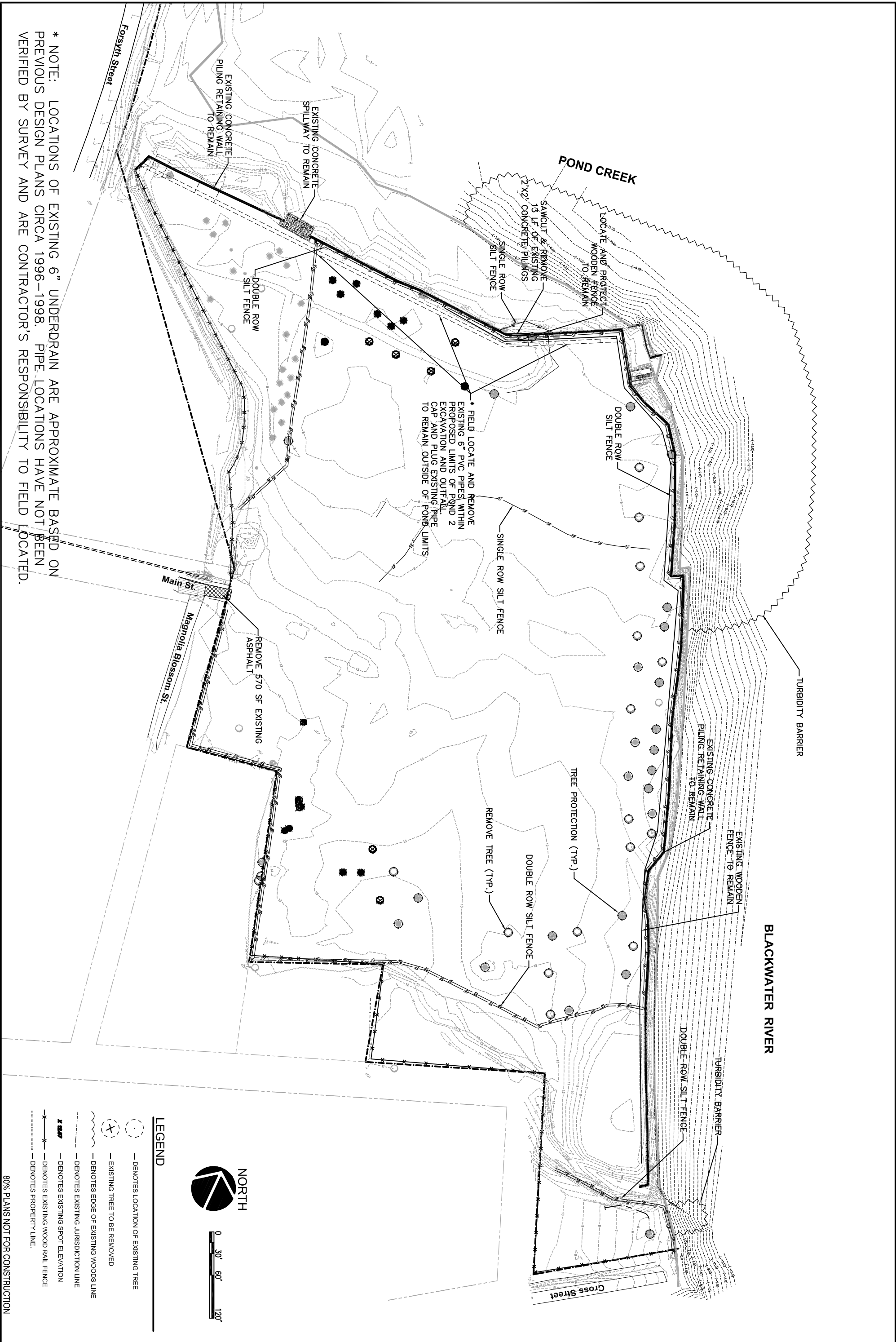
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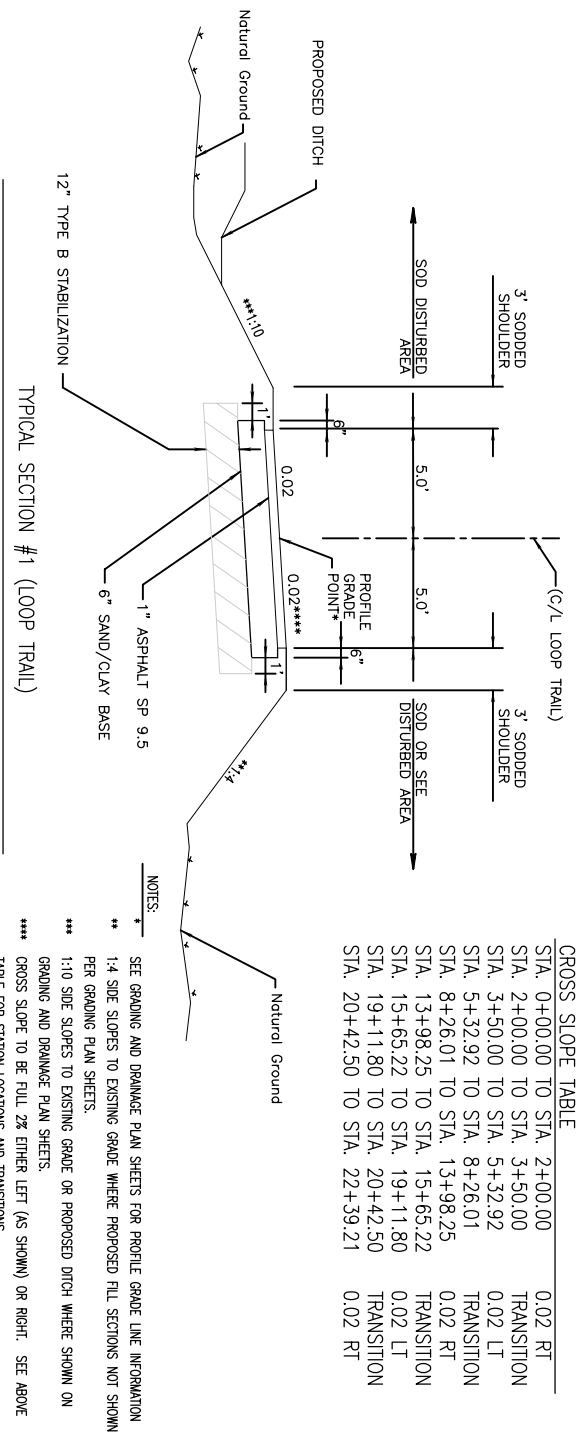
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DATE

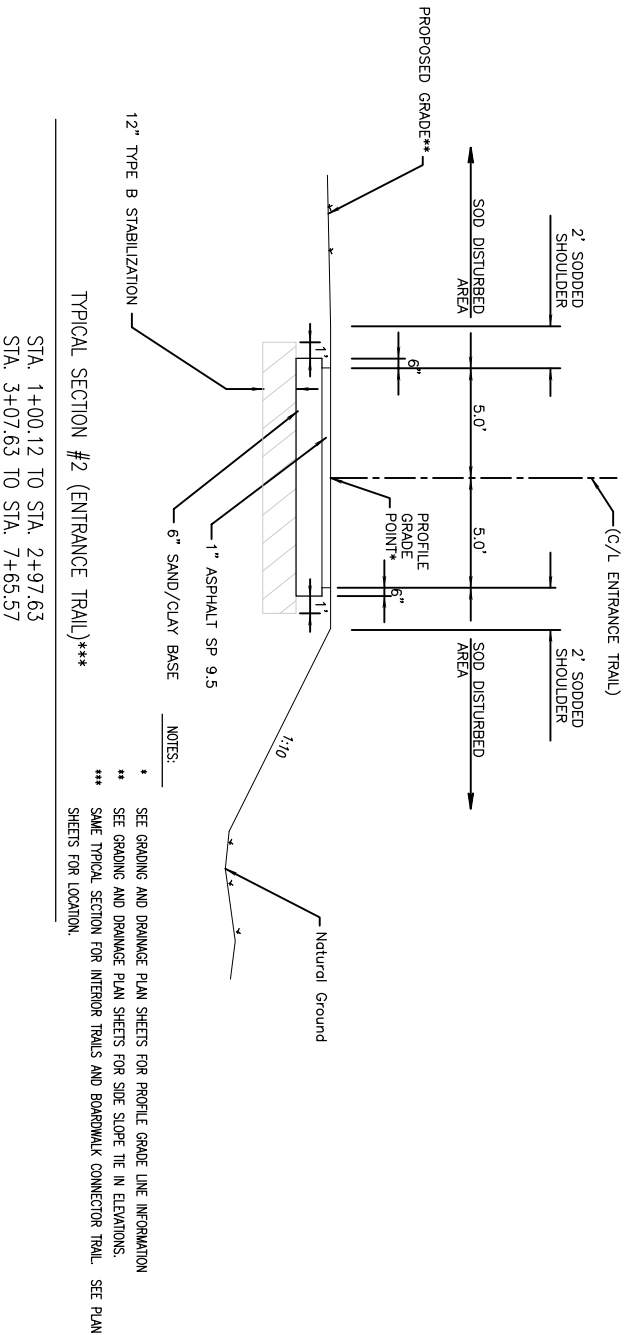
REVISIONS

NUMBER

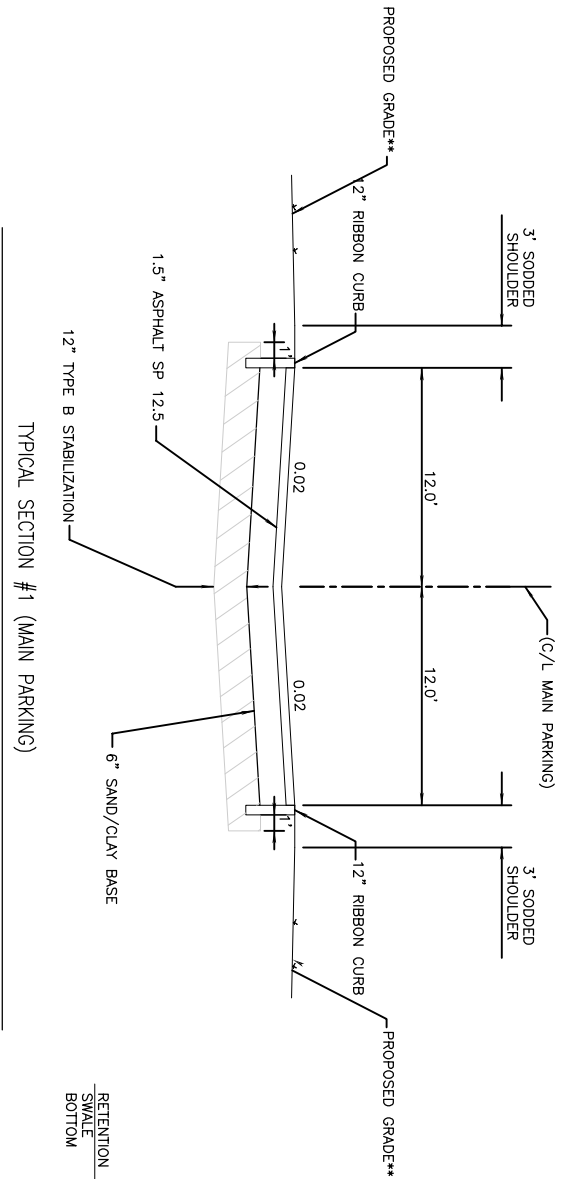
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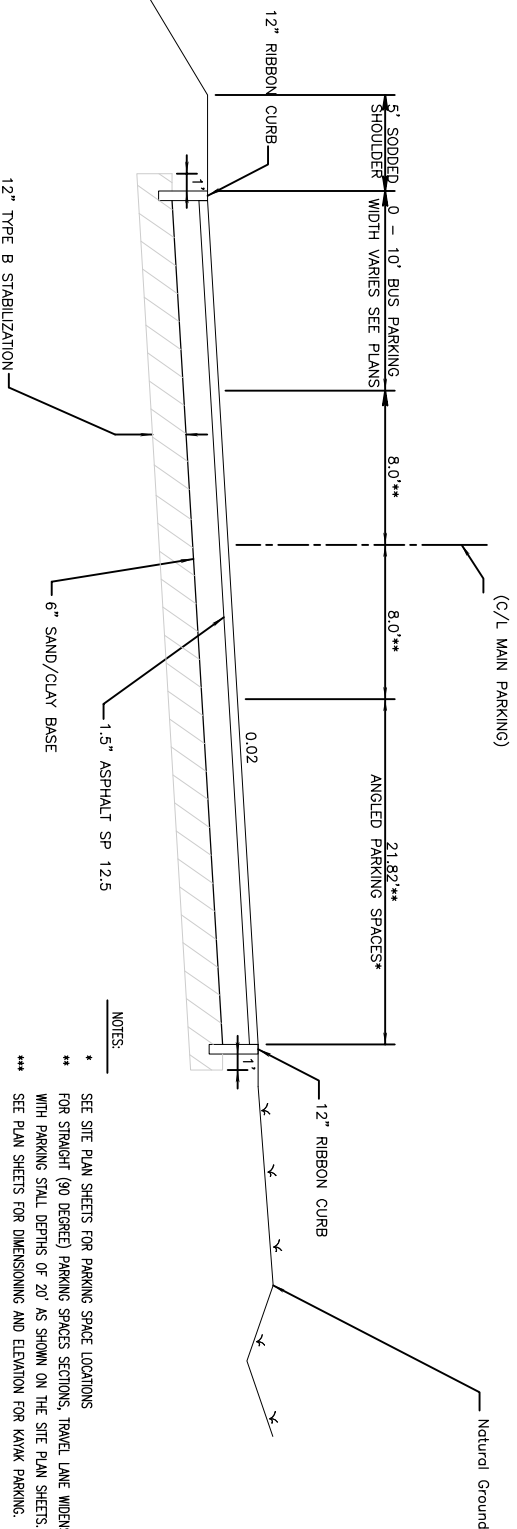
- NOTES:
- * SEE GRADING AND DRAINAGE PLAN SHEETS FOR PROFILE GRADE LINE INFORMATION
 - ** 1/4 SIDE SLOPES TO EXISTING GRADE WHERE PROPOSED FILL SECTIONS NOT SHOWN PER GRADING PLAN SHEETS.
 - *** 1:10 SIDE SLOPES TO EXISTING GRADE OR PROPOSED DITCH WHERE SHOWN ON GRADING AND DRAINAGE PLAN SHEETS.
 - **** CROSS SLOPE TO BE FILL 2% EITHER LEFT (AS SHOWN) OR RIGHT. SEE ABOVE TABLE FOR STATION LOCATIONS AND TRANSITIONS.



- NOTES:
- * SEE GRADING AND DRAINAGE PLAN SHEETS FOR PROFILE GRADE LINE INFORMATION
 - ** SEE GRADING AND DRAINAGE PLAN SHEETS FOR SIDE SLOPE TIE IN ELEVATIONS.
 - *** SAME TYPICAL SECTION FOR INTERIOR TRAILS AND BOARDWALK CONNECTOR TRAIL. SEE PLAN SHEETS FOR LOCATION.



RETENTION SWALE BOTTOM



- NOTES:
- * SEE SITE PLAN SHEETS FOR PARKING SPACE LOCATIONS
 - ** FOR STRAIGHT (90 DEGREE) PARKING SPACES SECTIONS, TRAVEL LANE WIDENS TO 24' WITH PARKING STALL DEPTHS OF 20' AS SHOWN ON THE SITE PLAN SHEETS.
 - *** SEE PLAN SHEETS FOR DIMENSIONING AND ELEVATION FOR KAYAK PARKING.

APPROVED BY	DATE	REVISIONS	NUMBER

BAGDAD MILL SITE PARK

TYPICAL SECTIONS

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ENGINEER OF RECORD

GREGORY S. ALLEN, P.E.
FL P.E. NO. 51838

SCALE:

DESIGNED BY:

CHECKED BY:

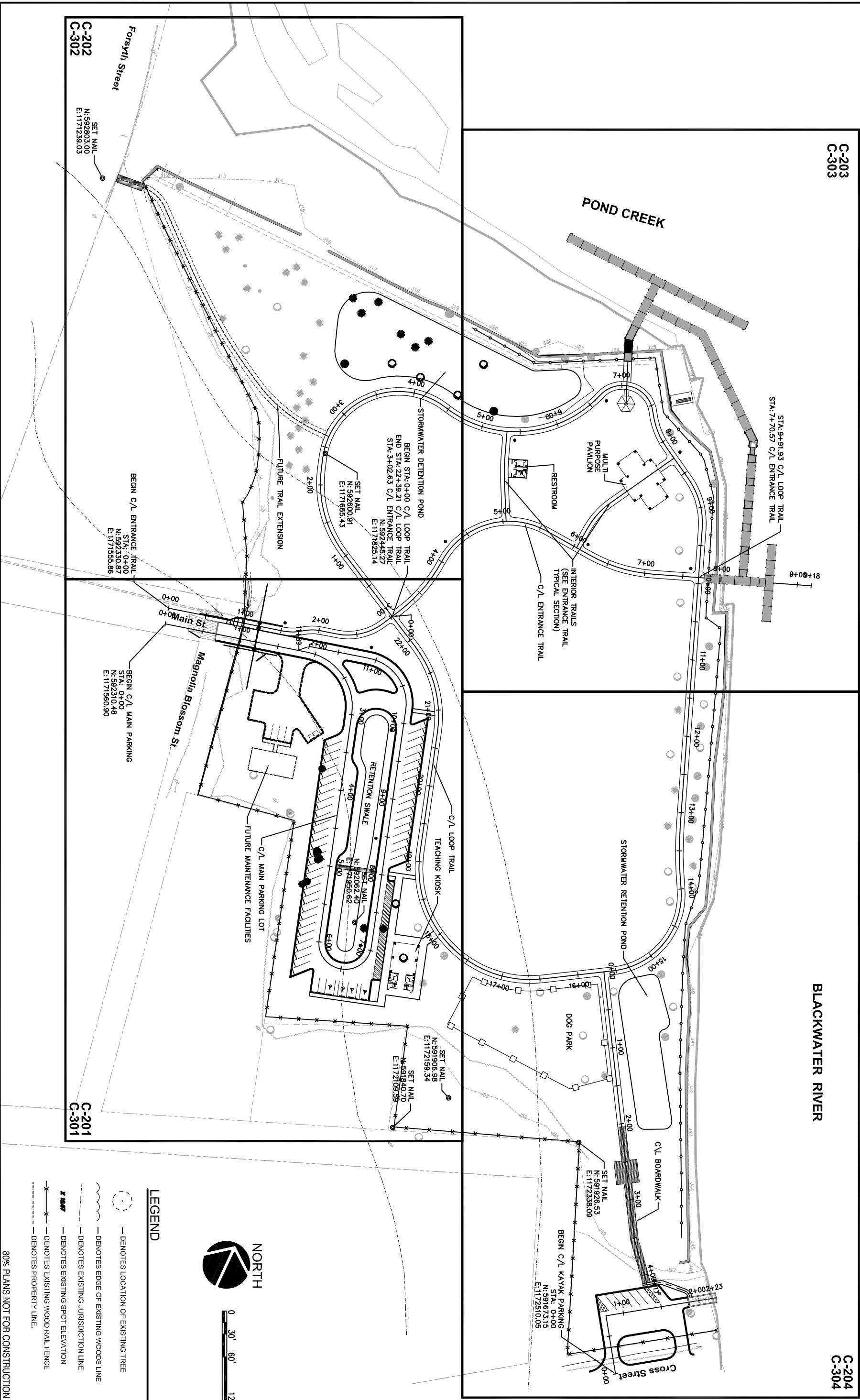
APPROVED BY:

DRAWING NUMBER:

PROJECT NUMBER:

SHEET NUMBER:

C-102

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BAGDAD MILL SITE PARK

PROJECT LAYOUT & KEY SHEET

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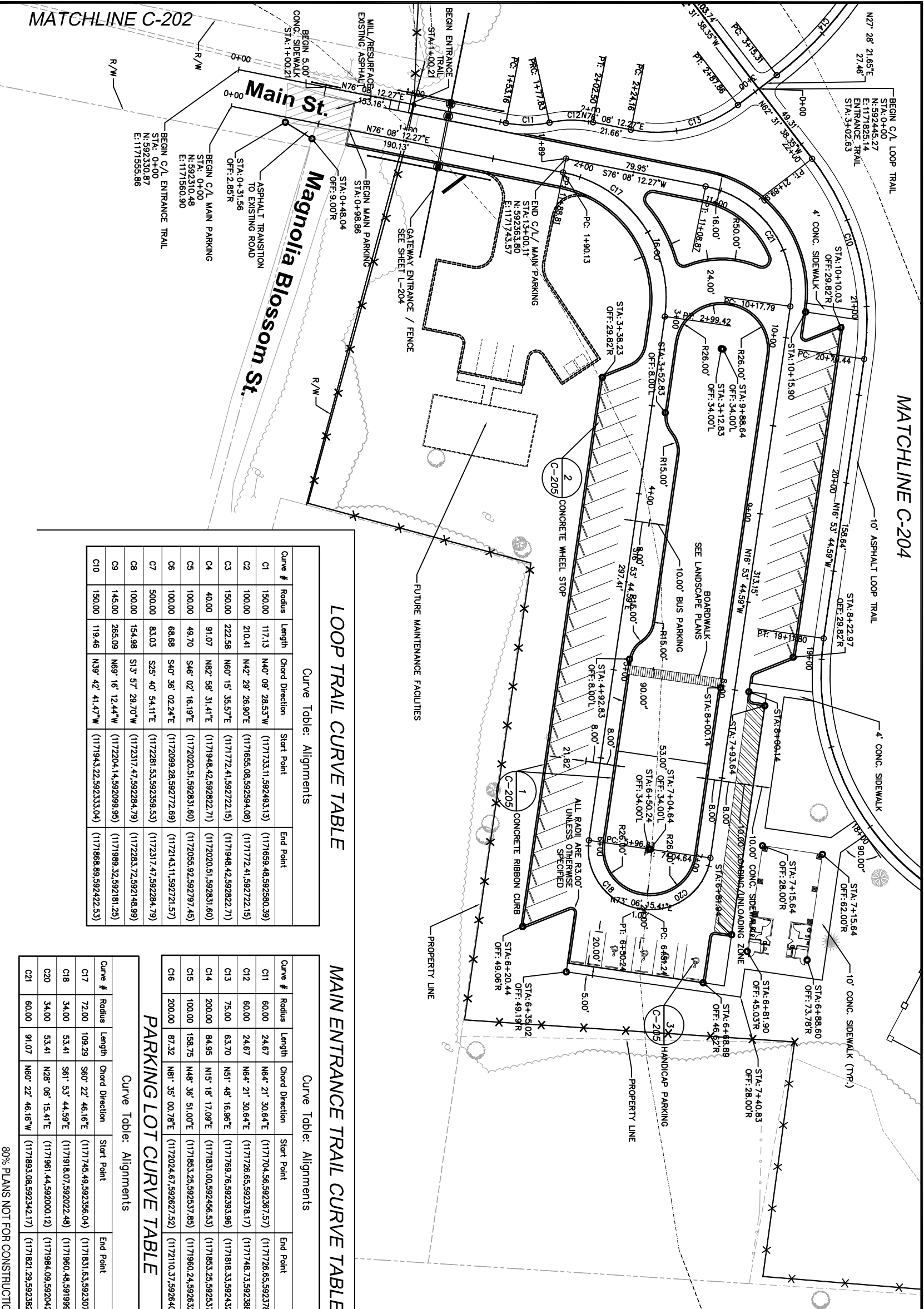
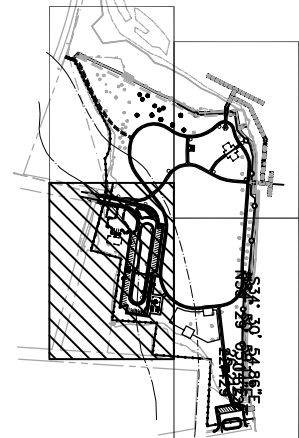
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PROJECT NUMBER	100018518
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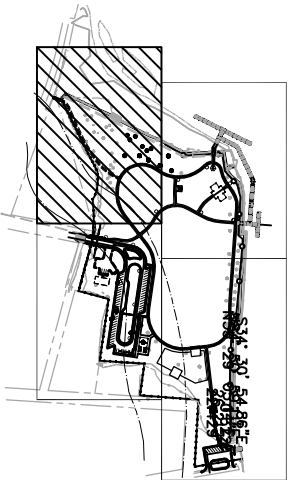
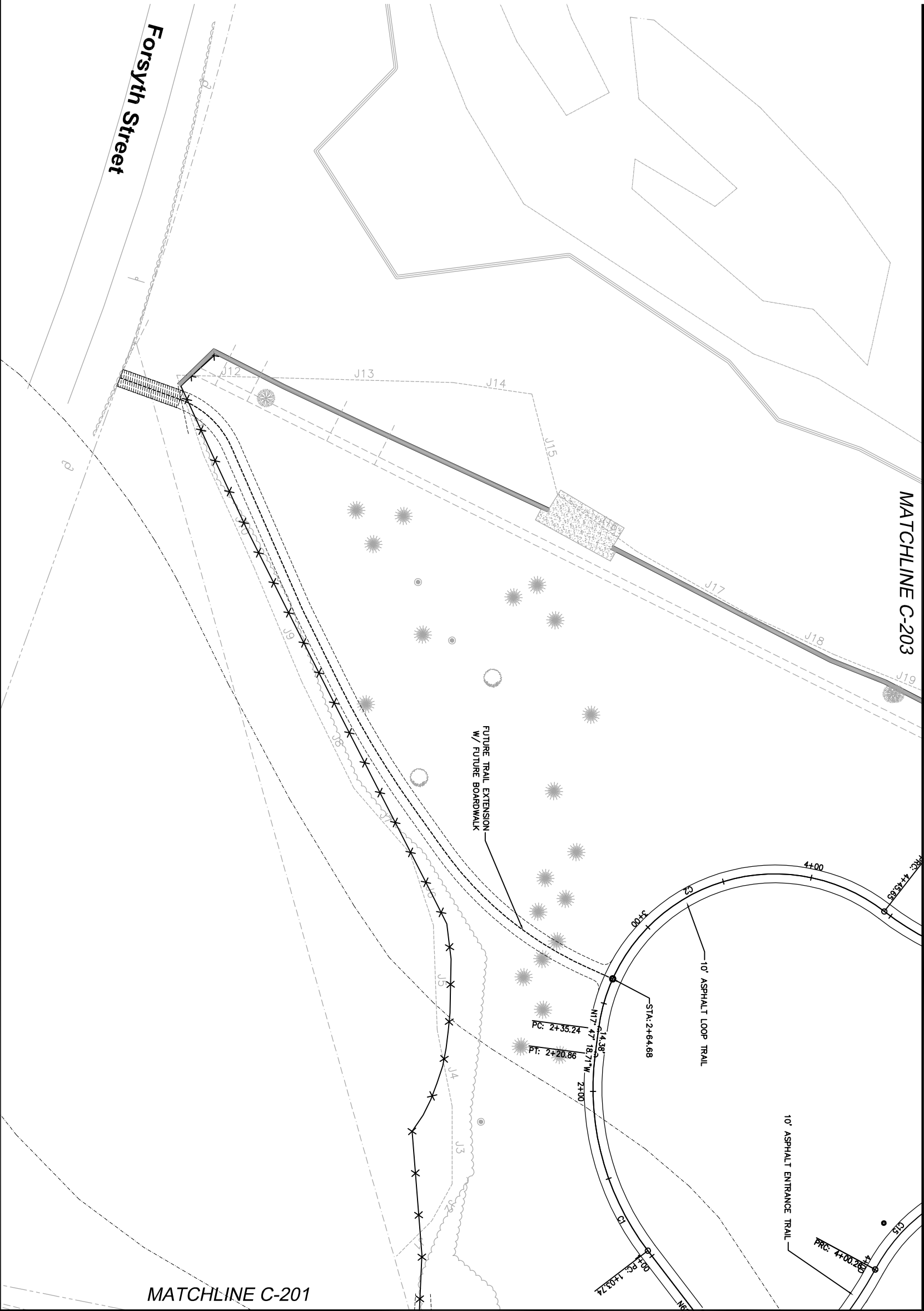
LEGEND



-  — DENOTES LOCATION OF EXISTING TREE
 — DENOTES EDGE OF EXISTING WOODS LINE
 — DENOTES EXISTING JURISDICTION LINE
 — DENOTES EXISTING SPOT ELEVATION
 — DENOTES EXISTING WOOD RAIL FENCE
 — DENOTES PROPERTY LINE.

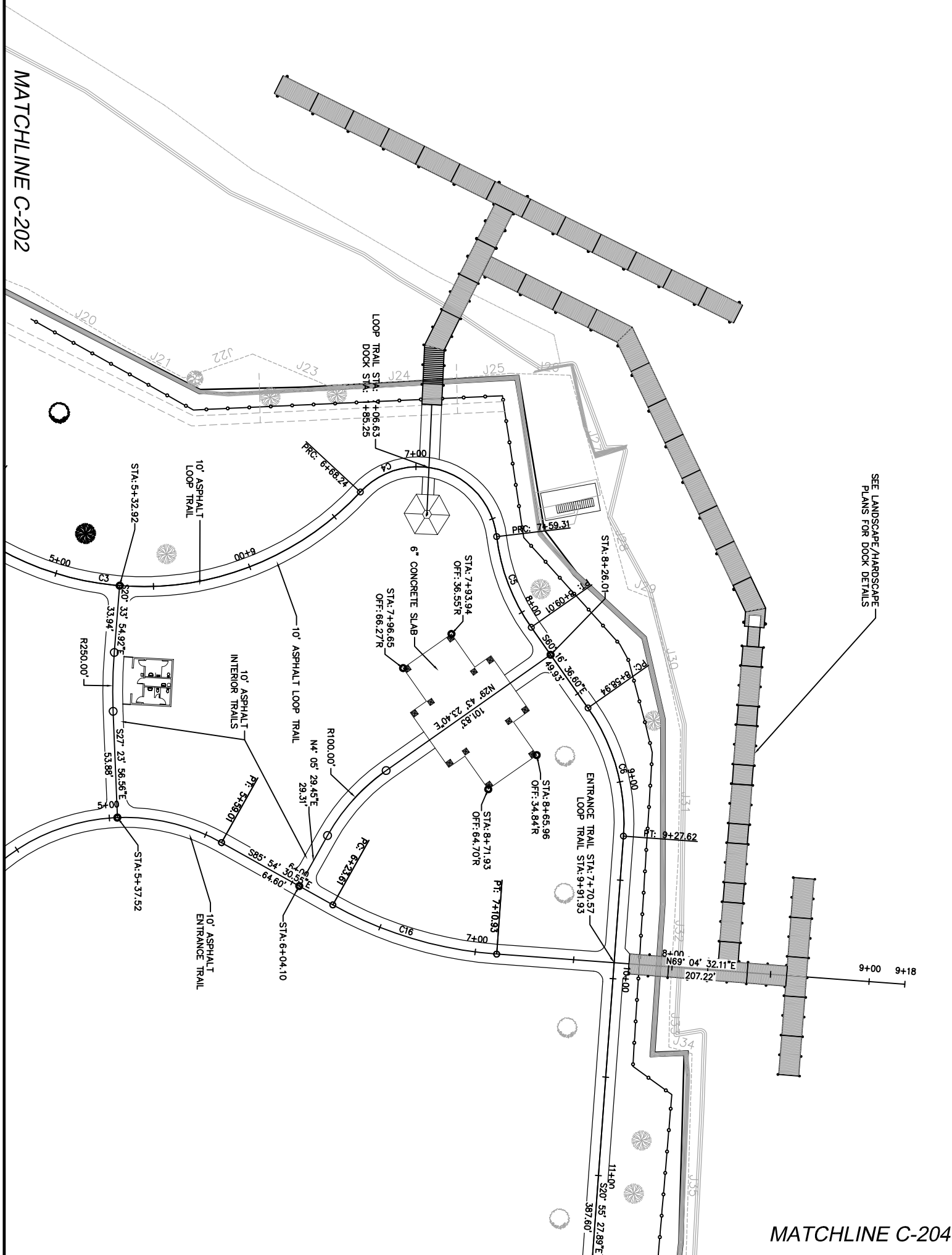
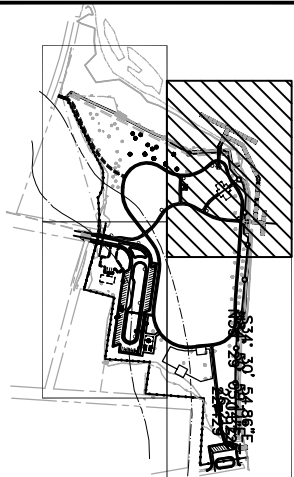
80% PLANS NOT FOR CONSTRUCTION





80% PLANS NOT FOR CONSTRUCTION

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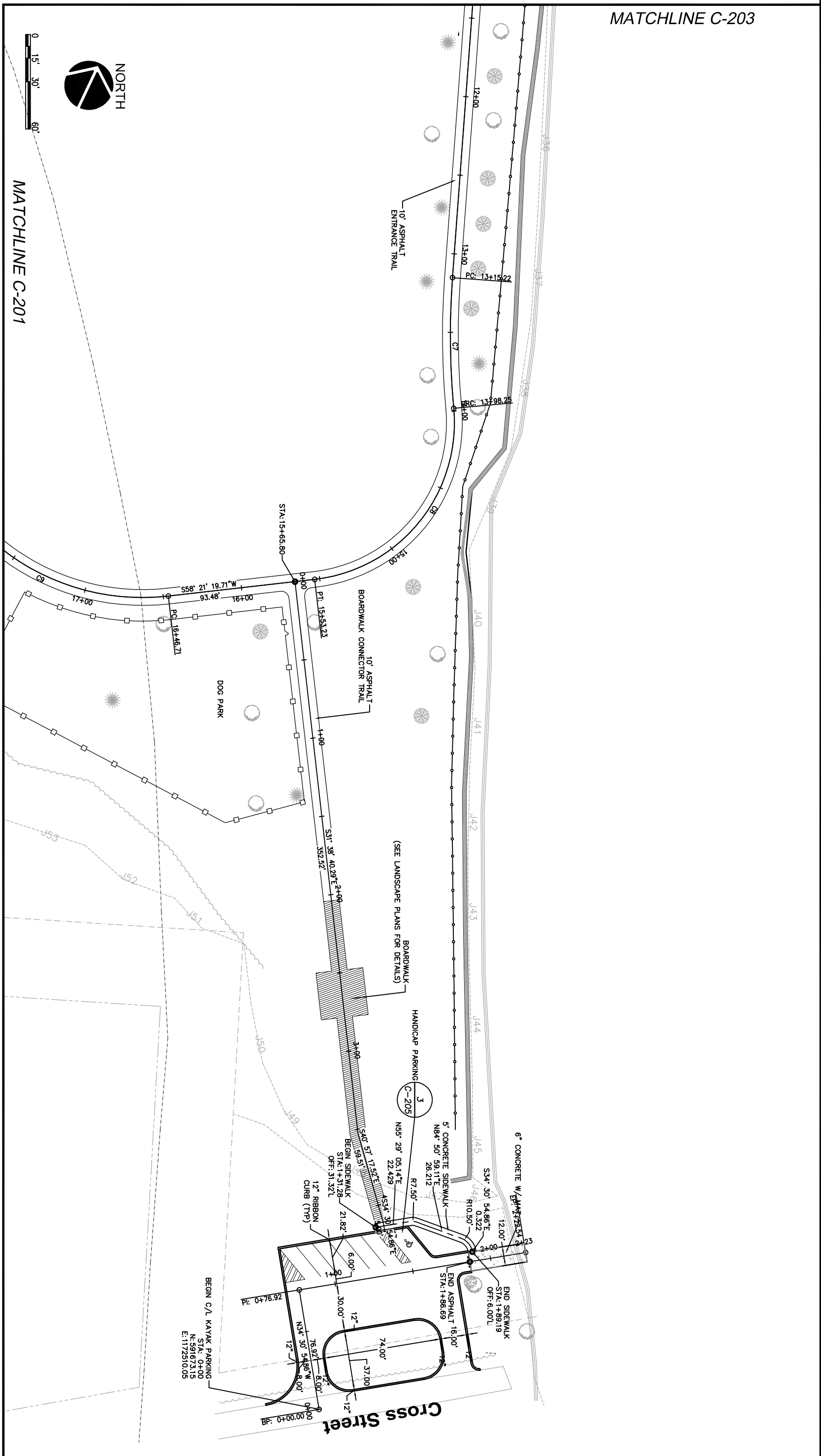
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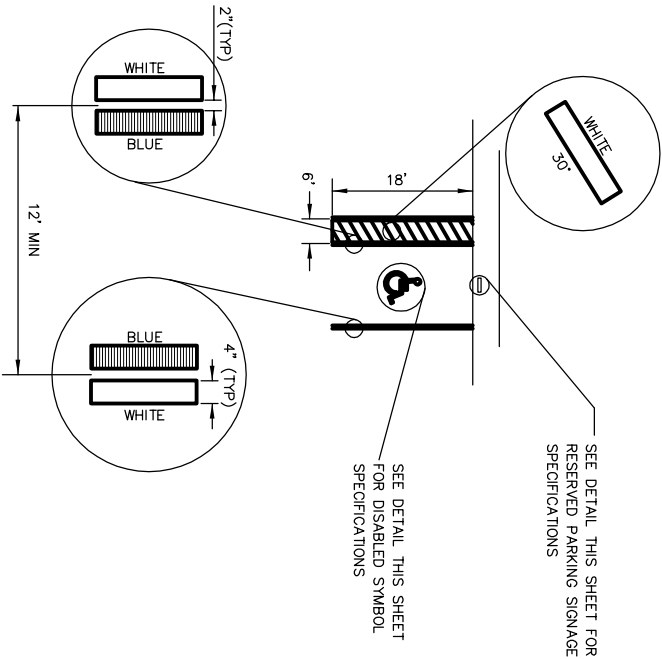
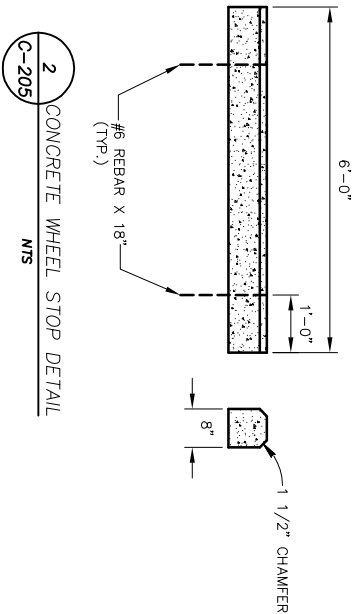
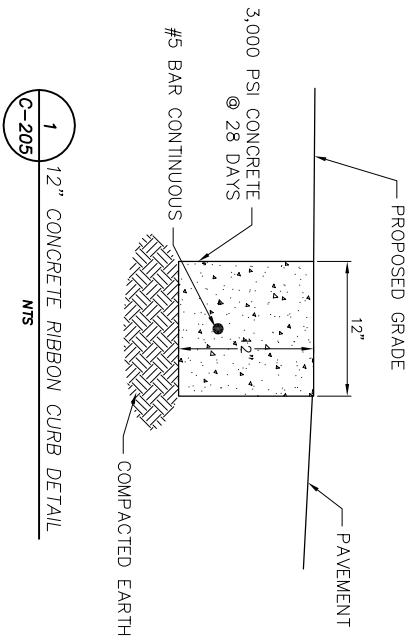
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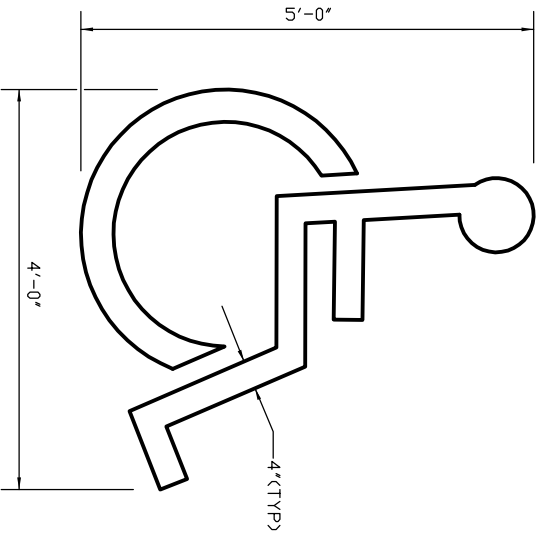
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C-204



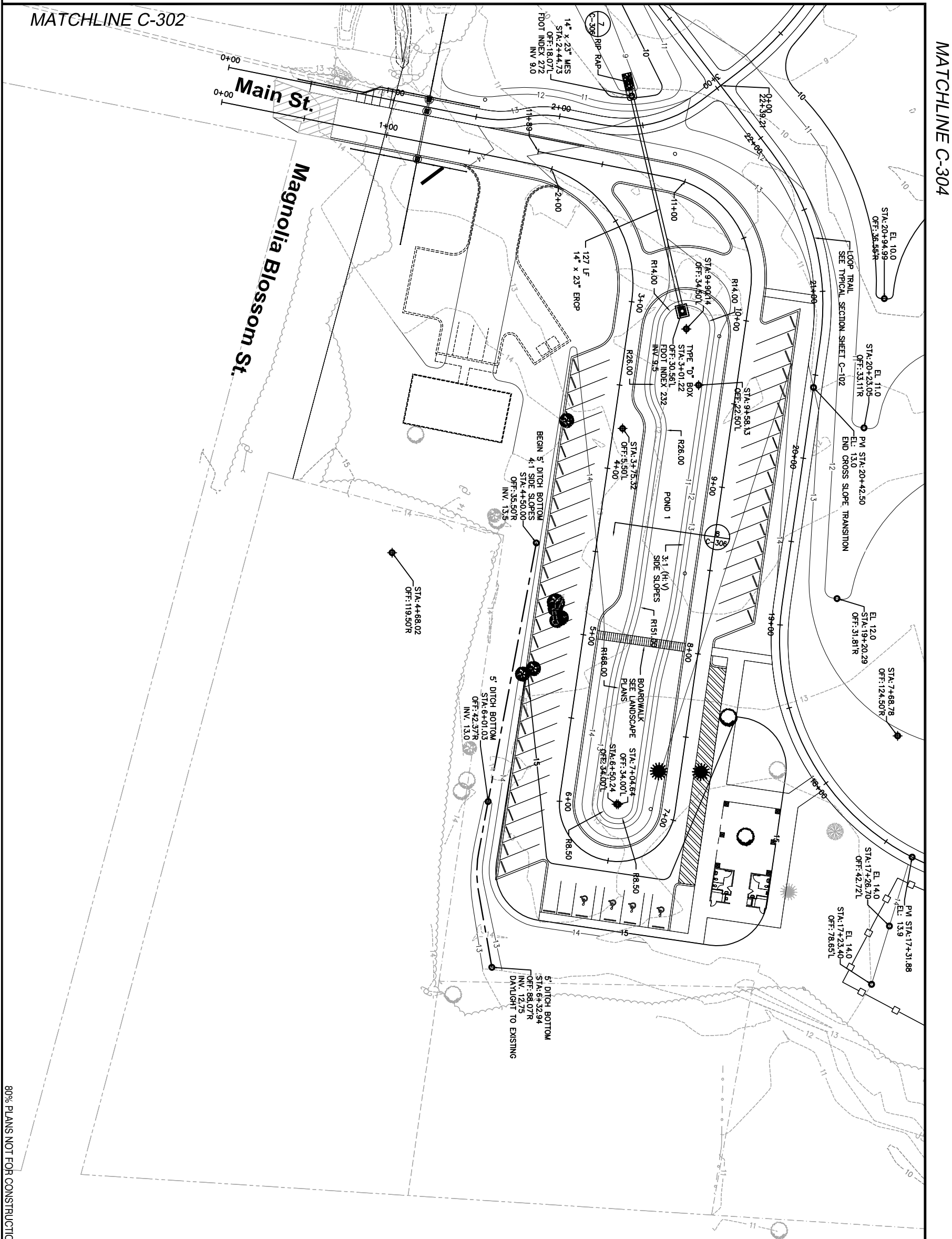
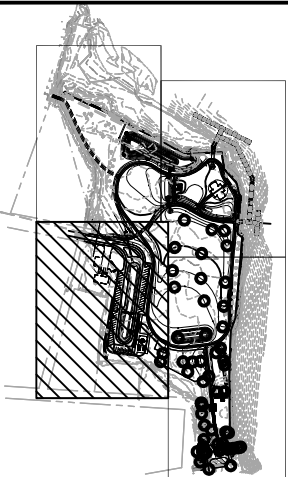
NOTES:

1. EACH SUCH PARKING SPACE SHALL BE CONSPICUOUSLY OUTLINED IN BLUE PAINT, AND SHALL BE POSTED AND MAINTAINED WITH A PERMANENT, ABOVE GRADE SIGN BEARING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY, OR THE CAPTION "PARKING BY DISABLED PERMIT ONLY," OR BEARING BOTH SUCH SYMBOL AND CAPTION. SUCH SIGNS SHALL NOT BE OBSCURED BY A VEHICLE PARKED IN THE SPACE. ALL HANDICAPPED PARKING SPACES MUST BE SIGNED AND MARKED IN ACCORDANCE WITH THE STANDARDS ADOPTED BY THE DEPARTMENT OF TRANSPORTATION.
2. FDOT RECOMMENDS MEASURING PARKING SPACE WIDTH FROM CENTER TO CENTER BETWEEN BLUE AND WHITE STRIPES.



80% PLANS NOT FOR CONSTRUCTION

APPROVED BY	
DATE	
REVISIONS	
NUMBER	
BAGDAD MILL SITE PARK	
SITE DETAILS	
ENGINEER OF RECORD	
ATKINS	
2114 Airport Boulevard, Suite 1450 Pensacola, FL 32504-6968 Tel: +1(850) 478 9844 www.atkinsglobal.com Certificate of Authorization No. 24	
GREGORY S. ALLEN, P.E. FL P.E. NO. 5188	
SCALE:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DRAWING NUMBER	
PROJECT NUMBER 100018518	
SHEET NUMBER	
C-205	



80% PLANS NOT FOR CONSTRUCTION

[illegible]

BAGDAD MILL SITE PARK

GRADING & DRAINAGE PLAN

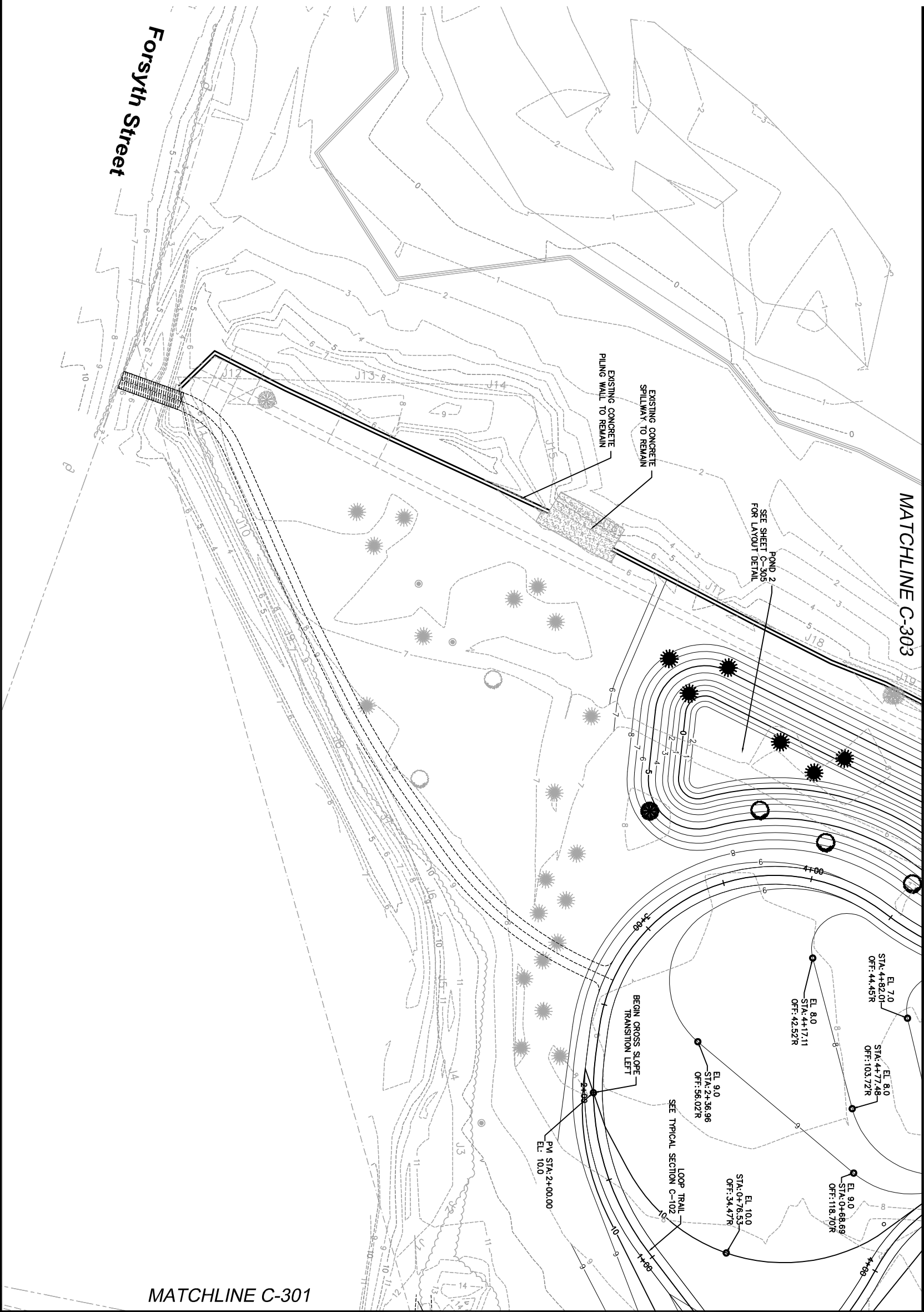
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ENGINEER OF RECORD

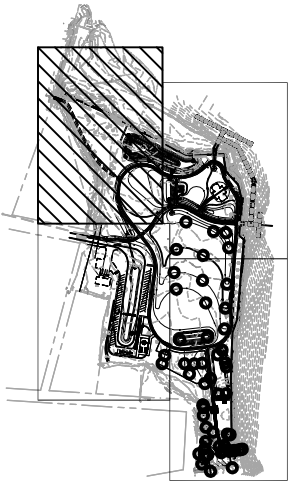
GREGORY S. ALLEN, P.E.
FL. P.E. NO. 51858

SCALE:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DRAWING NUMBER	
PROJECT NUMBER	100018518
SURVEY NUMBER	

C-301

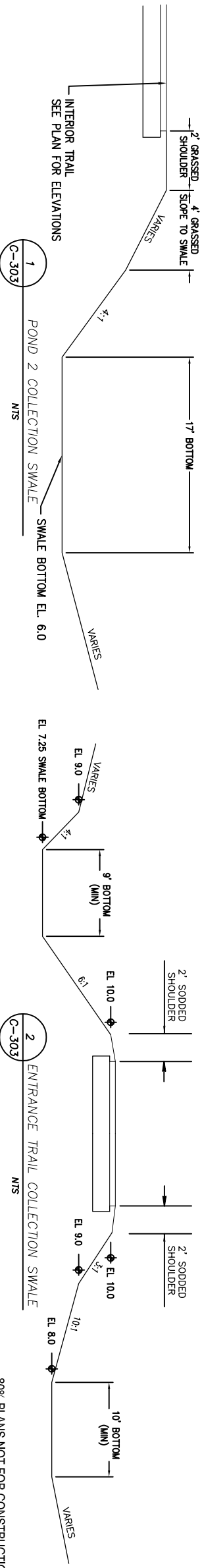


NOTE: ALL GRADING WITHIN PERVIOUS AREAS INTERIOR TO THE LOOP TRAIL NOT DETAILED FURTHER BY TYPICATION SECTIONS IS CONSIDERED TO BE "SOFT GRADING". SPOT ELEVATIONS PROVIDED ARE TO BE HELD BY CONTRACTOR. SPOT ELEVATIONS ARE TO BE TIED INTO THE HARD ELEVATIONS FOR TRAILS, WALKWAYS, ETC. FOLLOWING THE CONCEPT AS DETAILED BY THE PROPOSED CONTOURS.



80% PLANS NOT FOR CONSTRUCTION

ENGINEER OF RECORD	ATKINS 2114 Airport Boulevard, Suite 1450 Pensacola, FL 32504-6968 Tel: +1(850) 478 9844 www.atkinsglobal.com Certificate of Authorization No. 24	BAGDAD MILL SITE PARK	GRADING & DRAINAGE PLAN	NUMBER	REVISIONS	DATE	APPROVED BY
SCALE:							
DRAWN BY:							
CHECKED BY:							
APPROVED BY:							
DRAINAGE NUMBER							
PROJECT NUMBER	100013518						
SHEET NUMBER							
C-302							

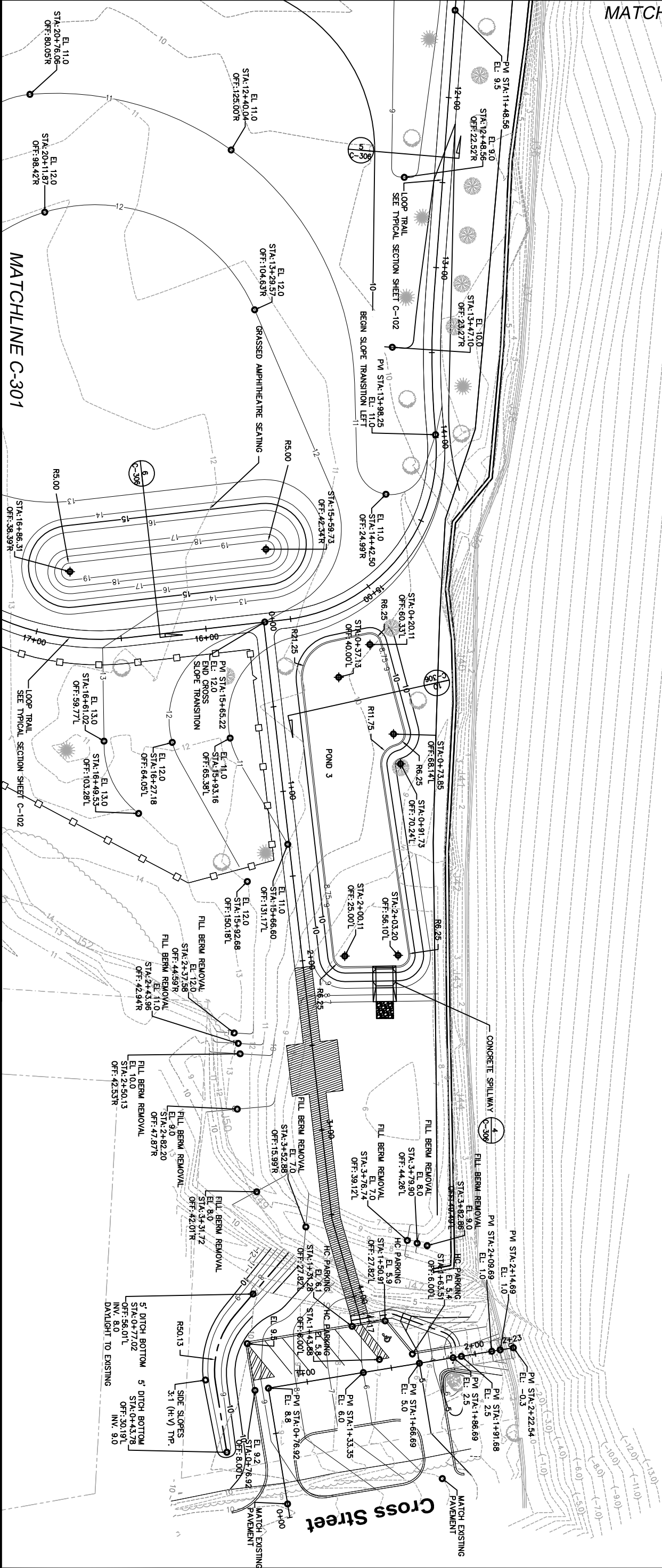


ENGINEER OF RECORD	
SCALE	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
ISSUING NUMBER	100018518
PROJECT NUMBER	
SUBMITTAL NUMBER	
C-303	

NORTH

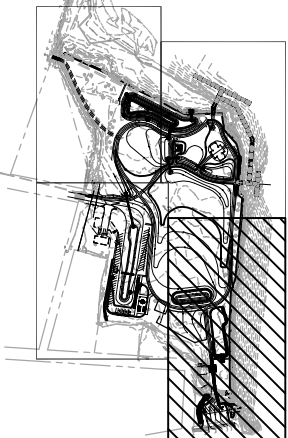


MATCHLINE C-303



NOTES:

1. ALL GRADING WITHIN PERVIOUS AREAS INTERIOR TO THE LOOP TRAIL NOT DETAILED FURTHER BY TYPICATION SECTIONS IS CONSIDERED TO BE "SOFT GRADING". SPOT ELEVATIONS PROVIDED ARE TO BE HELD BY CONTRACTOR. SPOT ELEVATIONS ARE TO BE TIED INTO THE HARD ELEVATIONS FOR TRAILS, WALKWAYS, ETC. FOLLOWING THE CONCEPT AS DETAILED BY THE PROPOSED CONTOURS.
2. ALL FILL BERM REMOVAL SHALL BE DONE IN ACCORDANCE WITH STATE AND FEDERAL DREDGE AND FILL PERMIT.



80% PLANS NOT FOR CONSTRUCTION

[illegible]

BAGDAD MILL SITE PARK

GRADING & DRAINAGE PLAN

ATKINS

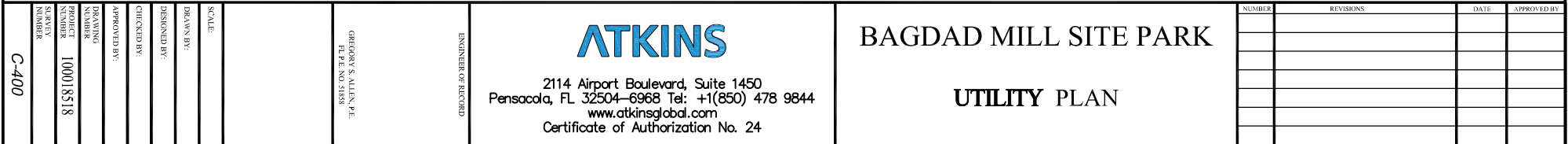
2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
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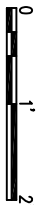
ENGINEER OF RECORD

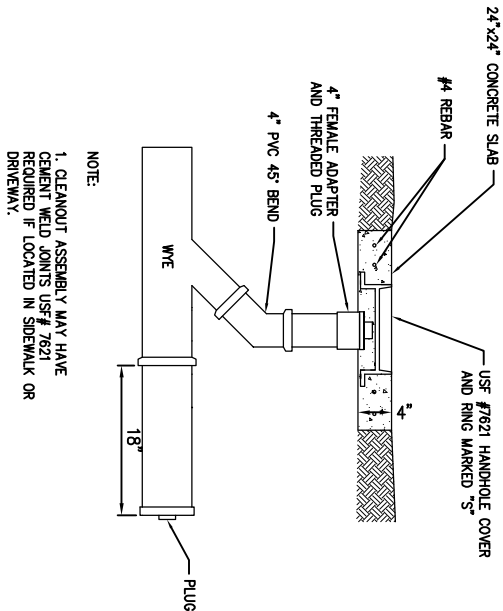
GREGORY S. ALLEN, P.E.
FL P.E. NO. 51858

SCALE:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DRAWING NUMBER	
PROJECT NUMBER	100018518
SURVEY NUMBER	

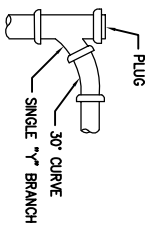
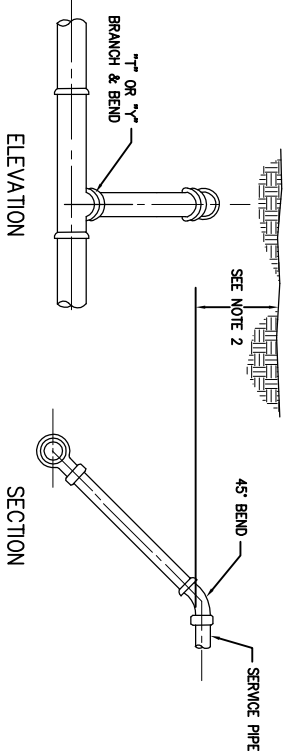
80% PLANS NOT FOR CONSTRUCTION







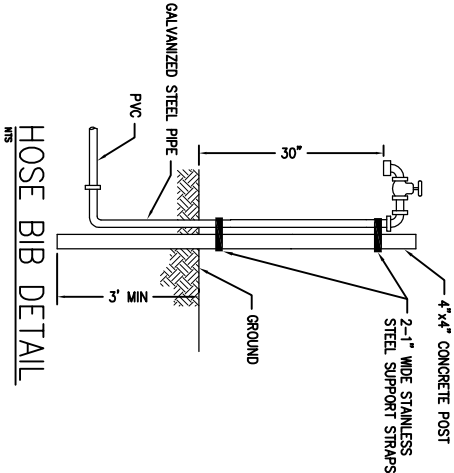
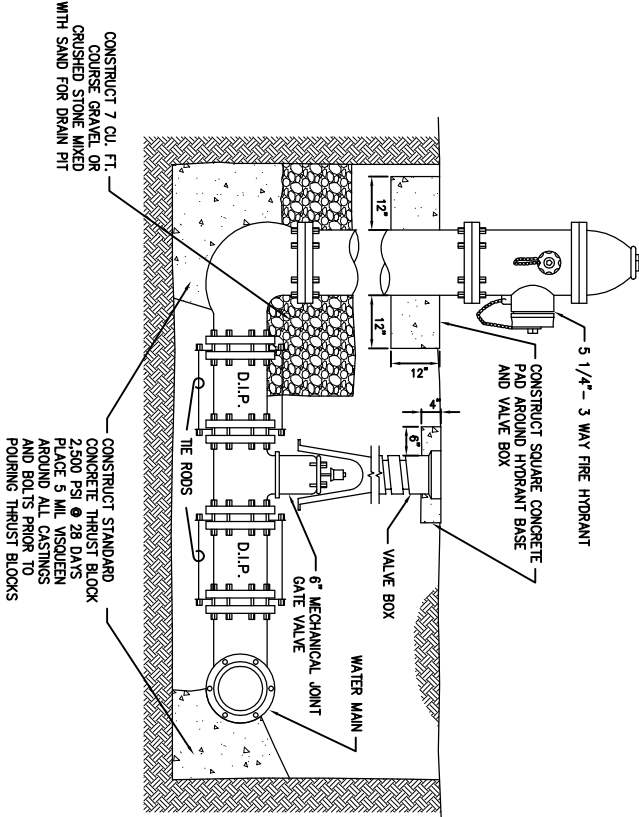
CLEANOUT DETAIL
NTS



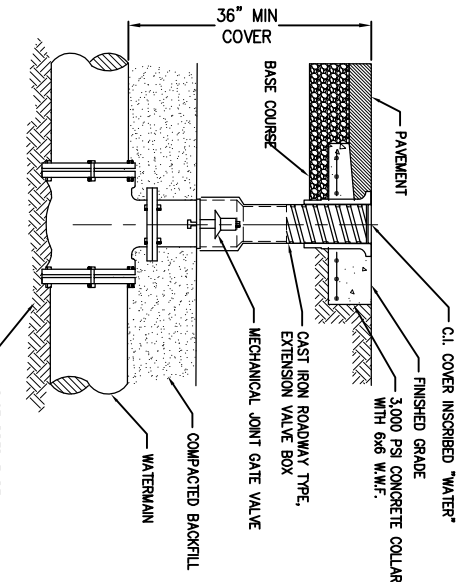
ALTERNATE DETAIL
AT TOP OF RISER

- NOTE
1. RISERS SHALL BE INSTALLED ON ALL WYES (BOTH PRESENT & FUTURE SERVICES) TO PROVIDE DEPTH AT SERVICE NOT OVER 4.0' EXCEPT WHERE OTHERWISE REQUIRED.
 2. MINIMUM CUT UNDER ROADWAY -- 4.0'. MINIMUM CUT AT PROPERTY LINE -- 3.0' OR AS REQUIRED FOR SERVICE.
 3. RISERS SHALL PREFERABLY FOLLOW SLOPE OF BANK TO REQUIRED DEPTH.
 4. RISER MATERIAL SHALL BE THE SAME AS MAIN MATERIAL.

SERVICE CONNECTION DETAIL
NTS

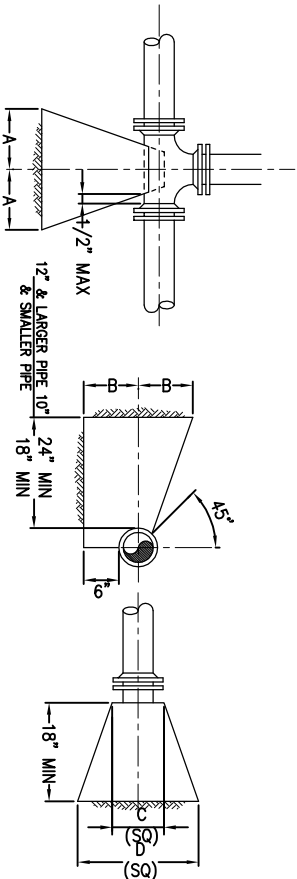


FIRE HYDRANT ASSEMBLY
NTS



- NOTES:
1. EXTENSION ON VALVE BOX SHALL BE SET SO AS TO RESERVE 1/2 OF THE ADJUSTMENT LENGTH FOR FUTURE USE.
 2. OPERATING NUT SHALL BE SET SO AS TO BE WITHIN 12" TO 18" OF GRADE.

GATE VALVE AND BOX
NTS



TEE	SIZE		CL. FT.
	A	B	
6"	10"	12"	3.5
8"	13"	16"	5.4
10"	16"	20"	9.4
12"	18"	24"	16.6
14"	22"	27"	23.2
16"	24"	30"	28.6
18"	26"	32"	
20"			

PLUG	SIZE		CL. FT.
	C	D	
6"	10"	21"	2.6
8"	12"	29"	4.5
10"	14"	36"	6.9
12"	16"	41"	9.0
14"	18"	48"	12.3
16"	20"	54"	15.2
18"	22"	60"	
20"			

- NOTES:
1. ALL BEARING SURFACES TO BE CARRIED TO UNDISTURBED SOIL.
 2. THESE TABLES SHOW MINIMUM SIZE THRUST BLOCKS FOR GOOD SOIL. (A-1 THRU A-3, CLEAN SAND AND GRAVELS)
 3. POOR SOIL (A-4 THRU A-8, SILTY SOILS, CLAYS, MUCK AND PEAT) WILL REQUIRE LARGER THRUST BLOCKS.

THRUST BLOCK DETAIL
NTS

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)	Water Main 3 ft. minimum	Water Main 12 in. is the minimum, except for storm sewer, then 6 in. is the minimum and 12 in. is preferred	Alternate 3 ft. minimum Water Main
Vacuum Sanitary Sewer	Water Main 10 ft. preferred 3 ft. minimum	Water Main 12 in. preferred 6 in. minimum	Alternate 3 ft. minimum Water Main
Groovy or Pressure Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)	Water Main 10 ft. preferred 6 ft. minimum (3)	Water Main 12 in. is the minimum, except for groovy sewer, then 6 in. is the minimum and 12 in. is preferred	Alternate 6 ft. minimum Water Main
On-Site Sewage Treatment & Disposal System	10 ft. minimum	---	---

- (1) Water main should cross above other pipe. When water main must be below other pipe, the minimum separation is 12 inches.
- (2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.
- (3) 3 ft. for groovy sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the groovy sanitary sewer.
- (4) Reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.

WATER & UTILITIES CROSSING/SEPARATION DETAIL
NTS

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SEDIMENTATION AND EROSION CONTROL NOTES FOR DEMOLITION

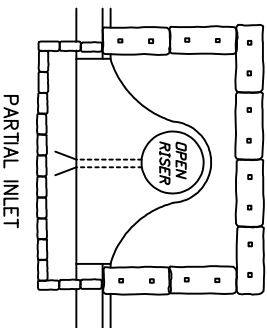
1. REFER TO GENERAL CONSTRUCTION NOTES.
2. DEMOLITION INCLUDES COMPLETE WRECKING OF STRUCTURES AND THE REMOVAL AND DISPOSAL OF PAYMENT, STRUCTURES, PIPING, MECHANICAL AND ELECTRICAL EQUIPMENT, CONCRETE, STEEL, AND ALL OTHER MISCELLANEOUS MATERIALS AND DEBRIS AS REQUIRED TO PREPARE THE SITE FOR NEW CONSTRUCTION.
3. ALL SEDIMENTATION / EROSION CONTROLS MUST BE CONSTRUCTED / IN PLACE PRIOR TO DEMOLITION.
4. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL ITEMS OF SALVAGEABLE VALUE. ALL MATERIALS AND ITEMS NOT SALVAGED AND DELIVERED TO THE OWNER SHALL BE REMOVED OFF SITE FOR DISPOSAL IN FULL ACCORDANCE WITH ALL FEDERAL, STATE, COUNTY, AND CITY LAWS, CODES, REGULATIONS, AND ORDINANCES.
6. CONTRACTOR SHALL USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICAL LEVEL.
7. CONTRACTOR SHALL CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS.
8. CONTRACTOR SHALL TAKE MEASURES AS MAY BE NECESSARY TO ENSURE THAT DUST, DIRT, OR DEBRIS IS NOT DEPOSITED ON STREETS) BY HIS DEMOLITION OPERATIONS OR BY TRUCKING OPERATIONS. CONTRACTOR SHALL IMMEDIATELY CLEAN ANY SUCH DUST, DIRT, OR DEBRIS FROM THE ROADWAY(S).
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITY SERVICE LINES AND CAPPINING THE LINES AS NEAR AS POSSIBLE TO THE UTILITY MAIN(S) UNLESS OTHERWISE DIRECTED BY THE RESPECTIVE UTILITY PROVIDER. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, REROUTING, UNHOOKING, CAPPING OR BULK HEADING, AND REMOVING AND ABANDONING ALL UTILITIES AS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL COORDINATE ALL UTILITY DEMOLITION OPERATIONS WITH THE APPLICABLE UTILITY OWNER AND LEAVE ALL ABANDONED UTILITY CONNECTIONS AS SPECIFIED BY THE APPLICABLE UTILITY OWNER.
10. SOME UNDERGROUND UTILITIES SHOWN MAY BE FROM PREVIOUS DESIGN PLANS OR BASE UTILITY MAPS. ATKINS AND THE OWNER ASSUME NO RESPONSIBILITY FOR THE ACCURACY OF THIS INFORMATION.

SEDIMENTATION AND EROSION CONTROL NOTES FOR CONSTRUCTION DURATION

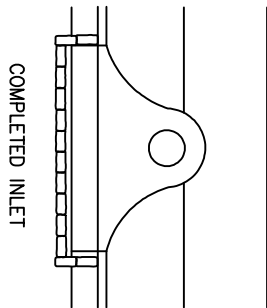
1. CONTRACTOR SHALL CONDUCT SITE OPERATIONS IN A MANNER THAT DOES NOT CAUSE OR ALLOW OFFSITE TRANSPORT OF SEDIMENT.
2. CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STRAW BALE DROP INLET SEDIMENT FILTERS AND/OR PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-GATEGUARD GRATE COVER, ULTRA-TECH ULTRA-DRAINAGUARD CATCH BASIN INSERT, OR EQUIVALENT) AT ALL INSTALLED STORM INLET BOXES WHERE THE TOP OF BOX IS NOT AT LEAST 10" ABOVE THE NEAREST ADJACENT UNFINISHED GRADE.
3. WHERE STRAW BALE BARRIERS ARE USED, CONTRACTOR SHALL TIGHTLY ABUT AND CHINK BETWEEN BALES WITH LOOSE STRAW AND SHALL EMBED BALES 4" INTO THE SOIL TO ENSURE THAT STORM RUNOFF DOES NOT BYPASS THE STRAW BALE BARRIER.
4. WHERE PRE-MANUFACTURED PRODUCTS ARE USED, CONTRACTOR SHALL REMOVE AND REPLACE THE COVERS/INSERTS WHEN THEY BECOME CLOGGED.
5. CONTRACTOR SHALL INSPECT THE SEDIMENT CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL EVENT OF ¼" OR MORE.
6. CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY SEDIMENT CONTROL MEASURE THAT IS RENDERED DAMAGED OR INEFFECTIVE BY NORMAL USE OR EXTREME RAINFALL EVENTS.
7. CONTRACTOR SHALL INSTALL PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-GATEGUARD GRATE COVER, ULTRA-TECH ULTRA-DRAINAGUARD CATCH BASIN INSERT, OR EQUIVALENT) AT ALL INSTALLED STORM INLET BOXES IMMEDIATELY FOLLOWING PAVING FOR ANY INLETS NOT ALREADY EQUIPPED WITH SAME.
8. IF MUD EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
9. CONTRACTOR SHALL EITHER SOD OR SPRIG IN ACCORDANCE WITH LANDSCAPE PLAN ALL DISTURBED AREAS AS SOON AS PRACTICAL FOLLOWING GRADING OPERATIONS.
10. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEWATERING IF DEWATERING IS PERFORMED.
11. CONTRACTOR SHALL CONTAIN DEWATERING DISCHARGE AND INFILTRATE BACK INTO AN ONSITE INFILTRATION SYSTEM WHERE POSSIBLE.

CONSTRUCTION SEQUENCE NOTES

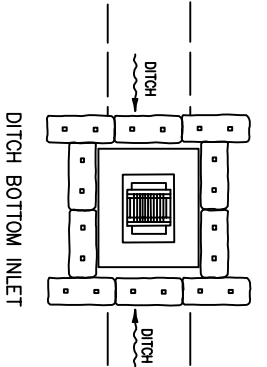
1. SANTA ROSA COUNTY OR DESIGNEE BY THE COUNTY WILL BE RESPONSIBLE FOR MONITORING CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE CONSTRUCTION NOTIFICATION PRIOR TO INITIATING CONSTRUCTION IN ACCORDANCE WITH ALL PERMIT CONDITIONS AND BASE STANDARDS.
3. CONTRACTOR SHALL PLACE ALL SEDIMENT CONTROL PRIOR TO DEMOLITION, AS SHOWN ON SHEET C-101.
4. CONTRACTOR SHALL MAINTAIN SEDIMENT CONTROLS DURING DEMOLITION.
5. CONSTRUCT ADDITIONAL SEDIMENT CONTROLS AS SHOWN ON SHEET C-101. ALL STORMWATER INLETS TO BE PROTECTED PER DETAIL THIS SHEET.
6. CONSTRUCT STORMWATER STRUCTURES AND PIPE RUNS.
7. PLACE INLET PROTECTION DEVICES.
8. CONTRACTOR SHALL MAINTAIN/ADJUST ALL SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION.
9. REMOVE SEDIMENT CONTROL ONLY AFTER SITE IS FULLY STABILIZED.



PARTIAL INLET



COMPLETED INLET

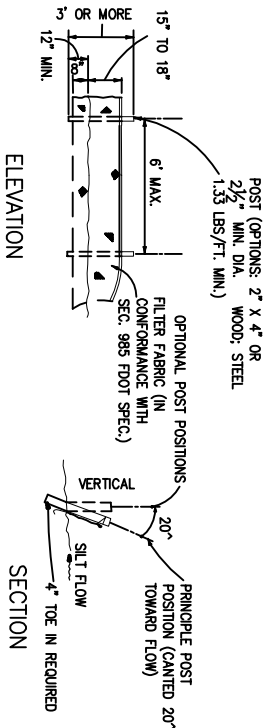


DITCH BOTTOM INLET

- NOTES FOR SYNTHETIC BARRIER OR BALE TYPE BARRIERS
1. TYPE I AND II SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH FDOT DESIGN STANDARDS INDEX #102
2. BALES SHALL BE TRIMMED 3" TO 4" AND ANCHORED WITH 2-1" x 2" (OR 1" DIA.) x 4" WOOD STAKES. STAKES & STRENGTH MATTER USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION
3. BALES AND POST SHALL BE 2' x 4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER
4. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
5. WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.
6. ALL EROSION CONTROL MEASURES TO BE PAID FOR UNDER LUMP SUM EROSION CONTROL BID ITEM.

INLET PROTECTION DEVICE
SCALE: NTS

SCALE: NTS



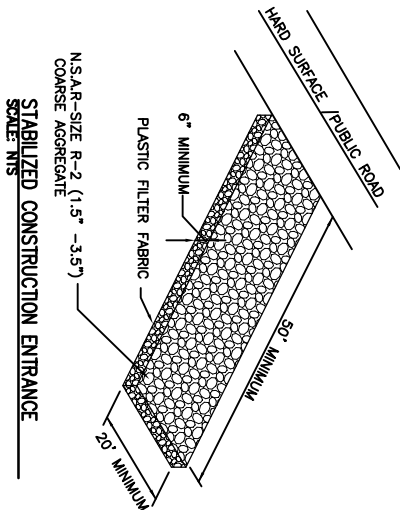
ELEVATION

SECTION

1. SET THE POSTS AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POSTS.
2. STAPLE WIRE FENCING TO THE POSTS.
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.
5. SLIT FENCE TO BE PAD FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SLIT FENCE (1.7).
6. REMOVE ALL BARRIERS UPON COMPLETION OF PROJECT.

SILT FENCE DETAIL
SCALE: NTS

SCALE: NTS



STABILIZED CONSTRUCTION ENTRANCE
SCALE: NTS

SCALE: NTS

[illegible]

BAGDAD MILL SITE PARK

STORMWATER POLLUTION PREVENTION PLAN

ATKINS
2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
www.atkinsglobal.com
Certificate of Authorization No. 24

ENGINEER OF RECORD

GREGORY S. ALLEN, P.E.
FL P.E. NO. 51858

10

SCALE:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DRAWING NUMBER	100018518
PROJECT NUMBER	
SURVEY NUMBER	

[illegible]

SPILL PREVENTION

STORMWATER POLLUTION PREVENTION PLAN CONTRACTOR'S REQUIREMENTS

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE. INVOLEN ONSITE.

MAINTENANCE/INSPECTION PROCEDURES

- EROSION AND SEDIMENT CONTROL, INSPECTION AND MAINTENANCE PRACTICES
- THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.
- NO MORE THAN 10 ACRES OF THE SITE WILL BE DEBUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
 - ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT. THE PERSON RESPONSIBLE FOR THE DAY TO DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.50 INCHES OR GREATER.
 - ALL EROSION CONTROL AND TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT.
 - BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.
 - SILT FENCE WILL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.
 - THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB, WHICHEVER COMES FIRST.
 - DIVERSION DIKES/SNALES WILL BE INSPECTED AND ANY BREAKAGES PROMPTLY REPAIRED.
 - TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.
 - A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. THE REPORTS WILL BE KEPT ON SITE DURING CONSTRUCTION AND AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER OR ANY FEDERAL, STATE OR LOCAL AGENCY APPROVING SEDIMENT AND AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS. THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND THE NOTICE OF TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON-COMPLIANCE.
 - THE SITE SUPERINTENDENT WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILING OUT THE INSPECTION AND MAINTENANCE REPORT.
 - PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.
- NON-STORM WATER DISCHARGES
- IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD:
- WATER FROM WATER LINE FLUSHING
 - PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED).
 - UNCONTAMINATED GROUNDWATER (FROM DEWATERING EXCAVATION).

SIGNATURE	BUSINESS NAME AND ADDRESS OF CONTRACTOR & ALL SUBS	RESPONSIBLE FOR/DUTIES
		GENERAL CONTRACTOR
		SUB- CONTRACTOR
		SUB- CONTRACTOR
		SUB- CONTRACTOR

CONTRACTOR'S CERTIFICATION: I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNATURE	SIGNATURE
TITLE	

APPROVED BY	DATE	REVISIONS	NUMBER

BAGDAD MILL SITE PARK

STORMWATER POLLUTION PREVENTION PLAN



2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
www.atkinsglobal.com
Certificate of Authorization No. 24

ENGINEER OF RECORD

GREGORY S. ALLEN, P.E.
FL P.E. NO. 51888

SCALE:
DRAWN BY:
DESIGNED BY:
CHECKED BY:
APPROVED BY:
DRAWING NUMBER:
PROJECT NUMBER: 100018518
SHEET NUMBER:
C-902



L-100



Information
Kiosk

Plant Legend

- Acer rubrum
- Liquidambar styraciflua
- Magnolia grandiflora
- Morus rubra
- Magnolia virginiana
- Nyssa sylvatica
- Pinus elliotii
- Pinus palustris
- Quercus geminata
- Quercus laurifolia
- Taxodium distichum
- Turf Grass
- Meadow Grass
- Existing Tree To Remain

10' Wide Asphalt Trail (Typ.)

Trash Receptacle (Typ.)

Bench (Typ.)

Bike Rack (Typ.)

Proposed DAR Tree Location

Property Line Corner

Teaching Kiosk with Restrooms and Storage Area

Boardwalk

Future Maintenance Facilities

Magnolia Blossom Trail

Main Street

MATCHLINE L-102

MATCHLINE L-104

APPROVED BY	
DATE	
REVISIONS	
NUMBER	

ATKINS

2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
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Certificate of Authorization No. 24

BRUCE W. BRODSKY
FL PLAN NO. 0001742

LANDSCAPE ARCHITECT OF RECORD

SCALE: As Shown

DRAWN BY: BWB

DESIGNED BY: BWB

CHECKED BY: DMH

APPROVED BY: GSA

DRAWING NUMBER: PROJECT 100018518
SHEET NUMBER

L-101

80% PLANS NOT FOR CONSTRUCTION

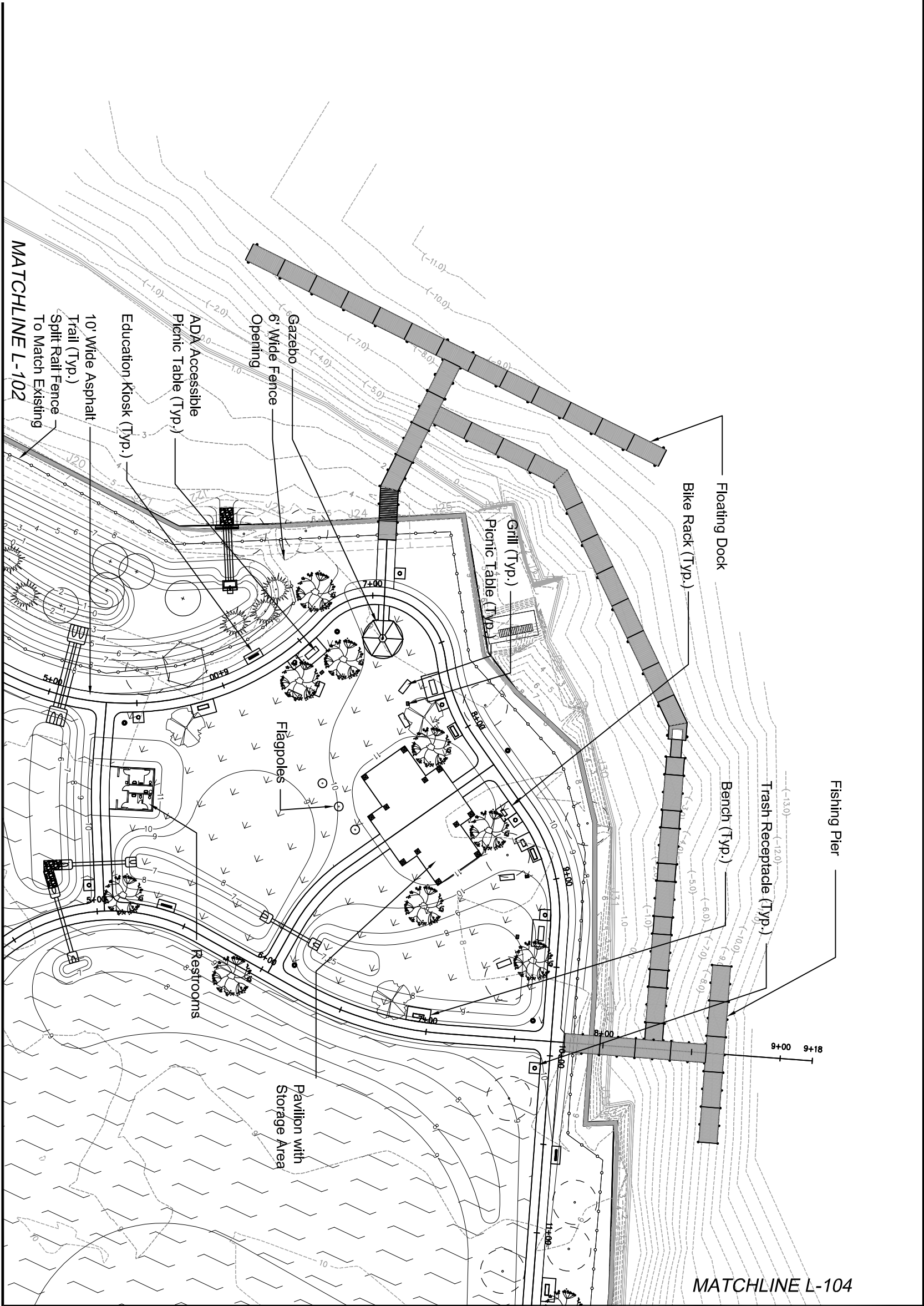
BAGDAD MILL SITE PARK

HARDSCAPE/LANDSCAPE PLAN



Plant Legend

- Acer rubrum
- Liquidambar styraciflua
- Magnolia grandiflora
- Morus rubra
- Magnolia virginiana
- Nyssa sylvatica
- Pinus elliotii
- Pinus palustris
- Quercus geminata
- Quercus laurifolia
- Taxodium distichum
- Turf Grass
- Meadow Grass
- Existing Tree



80% PLANS NOT FOR CONSTRUCTION

BRUCE W. BRODSKY FL PLAN NO. 0001742		LANDSCAPE ARCHITECT OF RECORD		ATKINS 2114 Airport Boulevard, Suite 1450 Pensacola, FL 32504-6968 Tel: +1(850) 478 9844 www.atkinsglobal.com Certificate of Authorization No. 24		BAGDAD MILL SITE PARK HARDSCAPE/LANDSCAPE PLAN		<table><thead><tr><th>NUMBER</th><th>REVISIONS</th><th>DATE</th><th>APPROVED BY</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>		NUMBER	REVISIONS	DATE	APPROVED BY																
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SCALE: As Shown		DRAWN BY: BWB		DESIGNED BY: BWB		CHECKED BY: DMH		APPROVED BY: GSA																					
PROJECT NUMBER: 100018518		DRAWING NUMBER:																											
L-103																													

GENERAL NOTES

1. All construction shall be in accordance with the plans and written specifications. No substitutions shall be made without prior written approval by the owner's representative.
 2. Written dimensions shall take precedence over scaled dimensions. The Contractor shall verify and be responsible for all dimensions and conditions on the job. The owner's representative shall be notified of any variation from the dimensions and conditions shown on the plans.
 3. The Establishment Period for watering and maintenance by the Contractor shall be 365 days. The Contractor shall request an Establishment Period Inspection at the end of the 365 day Establishment Period. A representative from Santa Rosa County who is responsible for maintenance shall be in attendance at the establishment period inspection.
 4. Landscape materials shall be adjusted in the field to avoid conflicts with any (proposed or existing) utility structures, drainage structures, ditches, under drains, ditch blocks, storm water management facilities, drainage discharge paths, signage, lighting and their appurtenances. The Contractor shall not install the proposed improvements if a conflict exists. Any costs to remove and/or repair work installed that has not been approved by the owner's representative shall be at the Contractor's expense.
 5. The Contractor shall not bring any hazardous materials onto the project site. Should the Contractor require such for performing contracted work, the Contractor shall request, in writing, permission from the owner's representative in advance. The Contractor shall provide the owner's representative with a copy of the Material Safety Data Sheet (MSDS) for each hazardous material proposed for use. The owner's representative shall coordinate with Santa Rosa County prior to issuing written approval to the Contractor. Because State Law does not treat petroleum products that are properly contained and intended for equipment use as a hazardous material, such products do not need a MSDS submittal. Any known or suspected hazardous material found on the project by the Contractor shall be immediately reported to the owner's representative, who shall direct the Contractor to protect the area of known or suspected contamination from further access. The owner's representative is to notify Santa Rosa County of the discovery. Santa Rosa County will arrange for investigation, identification and remediation of the hazardous material. The Contractor shall not return to the area of contamination until approval is provided by the owner's representative.
 5. No bare earth areas (other than in those locations that are seeded) shall be visible after completion of the work. Turf shall include all disturbed areas that are not seeded, landscaped/mulched or hardscaped. The contractor shall verify the seed and sod quantities prior to bidding.
 7. Landscape improvements shall be installed by the Contractor per the latest edition of FDOT Standard Specification 580, and the Planting Specifications provided with the construction documents.
 8. The Contractor shall insure that, prior to moving on site, all equipment which last operated in areas known to be infested with noxious weeds is free of soil, seeds, vegetative matter, or other debris that could contain or hold seeds.
 9. Quantities on Landscape Plan are minimum only. Contractor is responsible for their own quantity take-off, and shall provide all plant material required to fill plant bed area at spacing on plant schedule.
 10. Contractor shall strip and stockpile topsoil in a sufficient quantity to be able to respread the topsoil to a depth of 6" within all landscaped and turfed areas prior to any landscape and/or turf installation. If sufficient topsoil is not available for respreading, the Contractor shall provide topsoil as necessary, in accordance with the latest edition of FDOT Standard Specifications 162 and 987. The topsoil used in the planting operation shall be a natural, friable, fine loam soil. It shall be certified to be free of weed seeds and pathogens. It shall also be free of filler, sod, clay, stones, roots and stumps. It shall have a pH between 6.0 to 7.0.
 11. All erosion control methods shall be in accordance with the latest edition of FDOT Standard Specifications and the Civil Plans.
 12. Planting for all plant material and staking for all trees shall be in accordance with the latest edition of FDOT Design Standard Index 544 and details provided with the Landscape Plans.
 13. The contractor shall be responsible for providing temporary watering/irrigation to establish healthy vegetation in all areas that are beyond the limits of the permanent irrigation system. Temporary irrigation may include the use of above or below ground irrigation components (piping and heads), and/or the use of watering trucks, and/or other means approved in advance by the County.
- PLANTING BED PREPARATION**
1. All planting bed areas shall be stripped of all existing vegetation unless otherwise noted on the plans.
 2. All planting bed areas shall then be treated with a pre-emergent herbicide (with the exception of those areas to be seeded) to assure that weeds will be controlled prior to planting. Herbicide instructions shall be followed as to treatment dilution, mix, application, and time periods between applications as applicable to assure weeds are eliminated from the planting beds prior to commencing planting. Herbicide treatment shall be in accordance with the FDOT Guide to Chemical, Weed and Grass Control.
 3. All soil amendments shall be added to the planting beds and thoroughly incorporated into the soil prior to commencing final grading and planting.

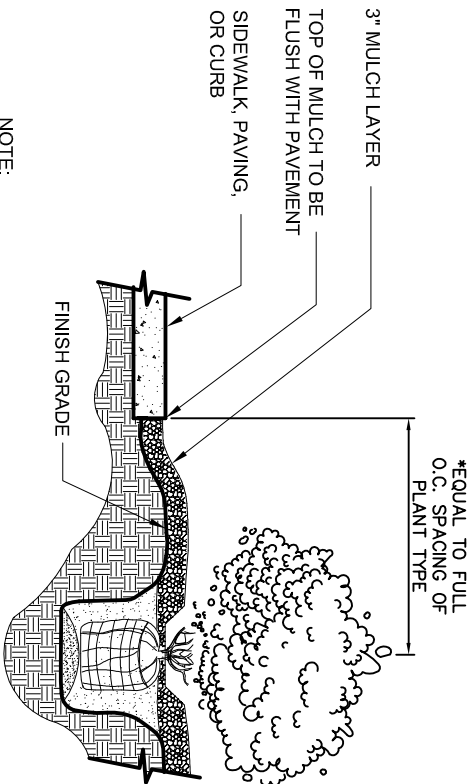
UTILITY NOTES

1. The location(s) of the utilities shown on the Plans should be considered approximate only. The verified locations apply only at the points shown. Interpolations between these points have not been verified.
2. The Contractor shall notify all utilities (2) two business days prior to demolition and/or excavation. Call "Sunshine State One Call System" 1-800-432-4770 (or Call 811) so that underground utilities may be field located.
3. A Utility Representative shall be present if landscaping requires any excavation of greater than 36 inches depth.
4. The Contractor shall coordinate with the utility companies during construction. No Utility is to be relocated. Planting shall be adjusted horizontally, at the direction of the owner's representative, to negate any Utility conflicts.

365-DAY ESTABLISHMENT PERIOD MAINTENANCE PLAN

The following operations shall be performed by the Contractor during the 365 Day Maintenance Period for all of the landscape and turf area installed per the plans. The Contractor shall assume responsibility for the proper maintenance, survival and condition of all landscape items for a period of one year after the final acceptance of all work under the contract. At a minimum, maintenance shall occur weekly from April through October, and twice a month from November through March. The contractor shall include this 365-Day maintenance within their bid.

1. Mowing: It is the responsibility of the contractor to mow the contract area on a cycle sufficient to maintain turf areas at a height between 1.0" to 1.5". The turf shall be mown when reaching a height between 1.5" to 2.25". Hand cutting around obstructions (signs, headwalls, light poles, and like items) and litter pickup shall be incidental to the mowing performed each cycle. The last cycle of mowing shall be performed after the final cleanup of the project.
2. Fertilizer: During the establishment period, based on plant growth monitoring and soil analysis.
3. Weeding/Edging:
Weeding - All planting areas shall remain weed free during the establishment period. Manual removal of weeds is preferable to control by herbicide. Edging - Mechanically edge all planting beds that are adjacent to paving and turf areas at every mowing cycle.
4. Herbicides/Pesticides:
a. All personnel involved in the chemical program are to receive proper training and follow the operating guidelines provided by FDOT for chemical control. Contact the local County Agricultural Extension Service for additional information regarding herbicides, pesticides and required licenses.
b. Remove mechanically or by herbicide treatment all invasive exotic species (including aquatics) found during the establishment period.
c. Provide plant material insect and disease control inspections continually during the establishment period and treat as necessary.
5. Pruning: Prune plants as necessary to maintain proper form, health and vigor during the establishment period.
6. Mulch:
a. At all trees outside of a planting bed, a 6-foot diameter ring of 3" depth pine straw mulch shall be maintained continually; at all shrubs outside of a planting bed, a 4-foot diameter ring of 3" depth pine straw mulch shall be maintained continually; and in all planting beds, pine straw mulch shall be maintained continually at a 3" depth.
b. Replenish pine straw mulch (3 inches depth) one month before the end of the establishment period.
7. Irrigation: Maintain the irrigation system and all irrigation wells (if utilized), and provide sufficient water to ensure plant material health during the establishment period.
8. Litter Pick-Up: During the establishment period, ensure litter pickup regularly including prior to each mowing cycle.
9. Staking: Contractor shall maintain all tree staking for the duration of the establishment period. Contractor shall remove all tree staking upon final acceptance at the end of the establishment period.
10. 1-Year Option: Based upon the Contractor's maintenance performance during the 365 Day Establishment Period, the County may exercise a 1-Year Option for continued maintenance services by the Contractor.



NOTE:
*I.E. IF PLANT SPACING IS 36" O.C., THEN THE 1ST ROW OF PLANTS ADJACENT TO PAVING SHALL BE SET 36" FROM THE PAVING EDGE.

PAVING / ADJACENT BED DETAIL

N.T.S.



BAGDAD MILL SITE PARK

LANDSCAPE NOTES AND DETAILS

ATKINS
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Certificate of Authorization No. 24

BRUCE W. BRODSKY
FL RLA NO. 0001742

LANDSCAPE ARCHITECT OF RECORD

NUMBER	REVISIONS	DATE	APPROVED BY

SCALE:	
DRAWN BY:	BWB
DESIGNED BY:	BWB
CHECKED BY:	DMH
APPROVED BY:	GSA
DRAWING NUMBER	
PROJECT NUMBER	100018518
SURVEY NUMBER	

80% PLANS NOT FOR CONSTRUCTION

Plant Legend

	Acer rubrum		Magnolia virginiana		Quercus geminata
	Liquidambar styraciflua		Nyssa sylvatica		Quercus laurifolia
	Magnolia grandiflora		Pinus elliotii		Taxodium distichum
	Morus rubra		Pinus palustris		Cynodon dactylon '419'

Plant Schedule

Qty.	Symbol	Botanical Name	Common Name	Specifications
Trees	AR	Acer rubrum	Red Maple	2" - 2 1/2" Cal.; 10' - 12' Ht.; 5' - 6' Spd.; FG
	LS	Liquidambar styraciflua	Sweetgum	2" - 2 1/2" Cal.; 10' - 12' Ht.; 4' - 5' Spd.; FG
	MV	Magnolia grandiflora	Southern Magnolia	2" - 2 1/2" Cal.; 8' - 10' Ht.; 4' - 5' Spd.; FG
	MR	Morus rubra	Red Mulberry	3 Gallon; Full
	MV	Magnolia virginiana	Sweetbay Magnolia	2" - 2 1/2" Cal.; 10' - 12' Ht.; 4' - 5' Spd.; FG
	NS	Nyssa sylvatica	Black Gum	2" - 2 1/2" Cal.; 10' - 12' Ht.; 4' - 5' Spd.; FG
	PE	Pinus elliotii	Slash Pine	2" - 2 1/2" Cal.; 10' - 12' Ht.; 4' - 5' Spd.; FG
	PP	Pinus palustris	Longleaf Pine	2" - 2 1/2" Cal.; 10' - 12' Ht.; 4' - 5' Spd.; FG
	QG	Quercus geminata	Sand Live Oak	2" - 2 1/2" Cal.; 10' - 12' Ht.; 5' - 6' Spd.; FG
	QL	Quercus laurifolia	Laural Oak	2" - 2 1/2" Cal.; 10' - 12' Ht.; 5' - 6' Spd.; FG
	TD	Taxodium distichum	Bald Cypress	2 1/2" - 3" Cal.; 9' - 11' Ht.; 4' - 5' Spd.; FG
Shrubs	CA	Callicarpa americana	American Beautyberry	3 Gallon; Full
	IG	Ilex glabra	Inkberry	3 Gallon; Full
	HC	Hibiscus coccineus	Swamp Hibiscus	3 Gallon; Full
	IV	Ilea virginica	Virginia Willow/Sweetpire	3 Gallon; Full
	VO	Ilex vomitoria	Yaupon Holly	3 Gallon; Full
	KL	Kalmia latifolia	Mountain Laurel	3 Gallon; Full
	MC	Myrica verticillata	Wax Myrtle	3 Gallon; Full
	RA	Rhododendron austrinum	Florida Flame Azalea	3 Gallon; Full
	RC	Rhododendron carlescens	Piedmont Azalea	3 Gallon; Full
	RV	Rhododendron viscosum	Swamp Azalea	3 Gallon; Full
	SR	Serenia repens	Saw Palmetto	3 Gallon; Full
	VA	Vaccinium arboreum	Sparkleberry	3 Gallon; Full
	VO	Viburnum obovatum	Walter's Viburnum	3 Gallon; Full
Meadow Plants 'Up'	AB	Andropogon brachystachus	Shortspike Bluestem	1 Gallon; Full; 18" o. c.
	AV	Andropogon virginicus	Bromsedge	1 Gallon; Full; 18" o. c.
	AVG	Andropogon virginicus v. glaucus	Chalky Bluestem	1 Gallon; Full; 18" o. c.
	AS	Arista stricta	Wiregrass	1 Gallon; Full; 18" o. c.
	ES	Eragrostis spectabilis	Purple Love Grass	1 Gallon; Full; 18" o. c.
	SA	Sisyrinchium angustifolium	Blue-Eyed Grass	1 Gallon; Full; 18" o. c.
	SB	Spartina bakeri	Sand Cord Grass	1 Gallon; Full; 36" o. c.
Meadow Plants 'Low'	AB	Andropogon glomeratus v. glaucopsis	Purple Bluestem	1 Gallon; Full; 18" o. c.
	BC	Bacopa caroliniana	Lemon Bacopa	Bare Root; 18" o. c.
	IV	Iris virginica	Blue Flag Iris	1 Gallon; 18" o. c.
	JE	Juncus effusus	Soft Rush	Bare Root; 18" o. c.
	MCG	Muhlenbergia capillaris	Gulf Muhly Grass	1 Gallon; Full; 30" o. c.
	MS	Mimosa strigillosa	Powderpuff	1 Gallon; Full; 18" o. c.
	SS	Sarracenia sp.	Pitcherplant	1 Gallon; Full; Field Locate
Wildflower Seeding	CL	Coreopsis leavenworthii	Leavenworth's Tickseed	Seed
	GP	Gallardia pulchella	Indian Blanket	Seed
	IR	Ipomopsis rubra	Standing Cypress	Seed
	LS	Liatris spicata	Blazing Star	Seed
	PM	Penstemon multiflorus	Multiflowered Beardtongue	Seed
	RH	Rudbeckia hirta	Black-Eyed Susan	Seed
	SL	Stokesa laevis	Stokes Aster	Seed
Turf Grass				
	CD-SOD	Cynodon dactylon '419'	419 Bermuda Grass	Solid Sod
	CD-SP	Cynodon dactylon '419'	419 Bermuda Grass	Sprigs
Other Landscape and Irrigation Items				
	CY	Mulch		3" Depth Pine Straw
	1	LS	Irrigation (complete)	
	1	LS	1-Year Maintenance	

Planting Notes

1. The landscape installation must be properly sequenced with other construction so that the landscape and irrigation is not damaged by other work/trades (and vice versa).
2. The contractor shall verify the existence of and stake all utilities prior to construction. Excavation of plant pits located within 5' of utilities shall be performed by hand. Any utility/plant material conflicts shall be brought to the attention of the owner's representative prior to installation or any field adjustments. Trees adjacent to water lines, sewer lines, utility poles, and/or light poles shall be planted a minimum of 10' from those items.
3. The contractor shall supply all plant materials in quantities sufficient to complete the plantings shown on all drawings. All plants shall meet size, container, and spacing specifications as shown in the plant schedule. The contractor shall guarantee plant health and survivability for one year from date of project acceptance by the owner's representative. Any material not meeting specifications or displaying poor health shall be replaced at contractor's expense within 2 weeks of notice.
4. All plant material shall be Florida No. 1 or better as set forth in "Grades and Standards for Nursery Plants", State of Florida, latest edition standards and designations. Notify the owner's representative a minimum of one week prior to plant delivery to schedule on-site inspection upon delivery. Installed plant material not meeting specifications shall be removed and replaced at the contractor's expense. All plants must be brought to the site free of weeds. Additionally, the contractor shall provide the owner's representative with representative plant photos to approve for all plant materials prior to any plant delivery. Measuring sticks shall be shown in photos, as appropriate.
5. All plant materials indicated with a gallon size shall be container grown and within a container appropriate for the plant size. Root bound plants shall not be accepted. No substitutions shall be permitted without prior approval of the owner's representative.
6. The owner's representative reserves the right to make planting bed field changes to accommodate site conditions and to achieve the design intent. The landscape contractor shall flag all tree and bedline locations for approval by the owner's representative prior to any installation.
7. Bed preparation: Loosen soil to a minimum depth of four inches and remove all debris. Regrade the bed to its preplanting subgrade. Dig planting pits at 1.5 times the diameter of the pot. Fill plant pit with approved planting mix and compact so that the top of root ball will settle to the proper level relative to finish grade. Set plant and fill remainder of hole with planting mix. Fertilize each plant with the approved rate of fertilizer. Water in thoroughly. Reset any plants that settle too deep. Remove spoil soil and rake the bed to its finish grade. Cover all bed areas with 3" depth of the approved organic mulch. Remove all debris from the mulch. Water bed thoroughly.
8. All plantings shall receive a 3" layer of pine straw mulch with a 1" layer on the plant crown.
9. The landscape contractor shall conduct representative soil analysis prior to the installation of any plant material. The landscape contractor shall notify the owner's representative of any improper soil condition (nutritional deficiencies, wetness, muck, debris, etc.), and shall recommend for approval, prior to installation, all soil amendments that may be necessary to promote healthy, vigorous plant growth. Soil amendments shall be added to the planting beds and thoroughly incorporated into the soil prior to commencing final grading and planting. Soil samples shall include pH, primary micronutrients, percentage of organic matter, and soil texture. Submit all soil samples to the owner's representative for review.
10. The landscape contractor shall repair or replace any existing vegetation intended to remain that is disturbed by any hardscape and/or plant material installation activities. This repair/replacement shall blend seamlessly with the existing landscape.
11. The landscape contractor shall coordinate with all other trades (and plans), as necessary, in preparing planting areas, including final grade elevations.
12. All plant material must be planted immediately upon delivery to the site and watered in (by hand if the irrigation system is not functioning properly). Any plant material not installed within 6 hours of delivery to the site must be stored in an approved, protected holding area and shall be watered as necessary to maintain plant health and quality. The landscape contractor shall supply and install 'gator bags' for all trees shown in locations without irrigation. These trees shall also be hand watered by the landscape contractor, as necessary, until final acceptance.
13. The landscape contractor shall notify the owner's representative a minimum of 48 hours prior to completion to schedule a final walk through. A final walk through shall not be performed if previous punch lists are not completed.
14. The landscape contractor shall be responsible for maintaining all plantings until final acceptance by the owner's representative. This maintenance includes keeping beds free of debris, weeds, diseases, and infestations. The landscape contractor shall also be responsible for providing sufficient water to the plants during this time.
15. The landscape contractor shall supply the owner's representative with as-built drawings in ACAD format (2007 version or later) within 30 days of project acceptance.
16. The landscape contractor for this project must be an ENGLA Certified Landscape Contractor (FCLC). Documentation of this certification must be submitted with the contractor's bid. The individual with the FCLC certification must be substantially involved with the field supervision of the landscape installation work.
17. Refer to current FDOT Standard Specifications and Design Standard Indices, the Civil Plans, the General Notes, and the Specifications for additional requirements. Where conflicts exist, the more stringent standards and specifications shall apply.

APPROVED BY	DATE	REVISIONS	NUMBER

BAGDAD MILL SITE PARK
LANDSCAPE LEGEND, NOTES,
AND PLANT SCHEDULE

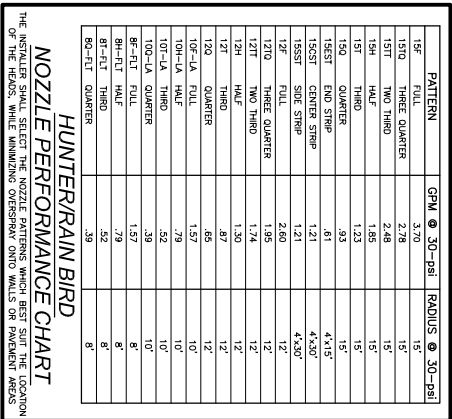
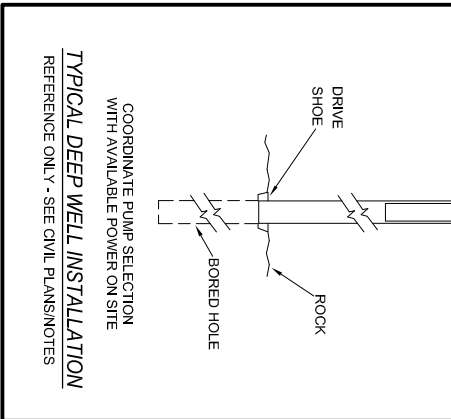
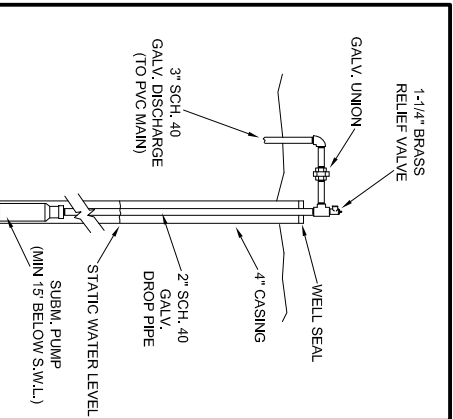
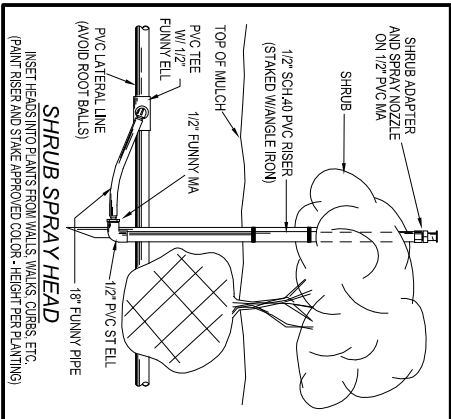
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LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL A.L.A. NO. 0001742

SCALE:	
DRAWN BY:	BWB
DESIGNED BY:	BWB
CHECKED BY:	DMH
APPROVED BY:	GSA
DRAWING NUMBER:	
PROJECT NUMBER:	100018518
CLIENT NUMBER:	
DRAWING NUMBER:	L-111



PATTERN	GPM @ 30-in.	RADIUS @ 30-in.
16F FULL QUARTER	3.70	15°
15F FULL QUARTER	2.85	15°
15T THRO	2.46	15°
15H HUF	1.66	15°
15T THRO	1.23	15°
15Q QUARTER	.93	15°
15S END STRIP	4.45	4.45°
15S END STRIP	4.45	4.45°
15ST SER STRIP	1.21	4.45°
12F FULL	2.60	12°
12T THRO	1.95	12°
12H HUF	1.74	12°
12Q QUARTER	1.30	12°
12S END STRIP	4.45	4.45°
12ST SER STRIP	1.21	4.45°
10F-L FULL	1.57	10°
10H-L HUF	.79	10°
10T-L THRO	.52	10°
10Q-L QUARTER	.39	10°
10S-L END STRIP	4.45	4.45°
10ST-L SER STRIP	.79	4.45°
8F-RT THRO	.52	8°
8T-RT THRO	.39	8°

[illegible]

BAGDAD MILL SITE PARK

IRRIGATION DETAILS

ATKINS
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LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL RLA NO. 0001742

SCALE:

DESIGN

CHICKEN

APPROV

DRAWING

PROJECT
NUMBERSURVEY
NUMBER

L-112

GENERAL NOTES

1. Irrigation shall be installed for all landscaped areas. As long as irrigation coverage is complete, the contractor/irrigation installer shall be allowed to determine the most effective method of providing irrigation coverage, but must use some combination of the following: rotors, spray heads, risers, drip irrigation, and bubblers as needed for the particular coverage and application rate.
2. The contractor shall furnish the owner's representative with shop drawings and schematic design plans indicating full coverage of irrigated areas. Installation shall not commence until the shop drawings are approved by the owner's representative.
3. The installer shall be expected to make irrigation system field adjustments on the site as needed, in order to maintain complete and accurate irrigation coverage, and to maintain the intent of the design. The final locations for all major equipment (as applicable), including controllers, valves, supply connections, mainlines, meters and backflow preventers, etc. shall be determined in the field, staked out by the contractor using the drawings as a guide, and then approved by the owner's representative prior to installation.
4. All work shall be done in accordance with prevailing codes and regulations. Although due diligence has been exercised in the preparation of the documents to avoid conflicts, it shall remain the responsibility of the installer for verification and conformance to the particular codes for this location. The installer shall obtain any necessary permits, locates, and inspections.
5. All work shall be closely coordinated with that of other trades, in order to avoid conflicts. The installation shall be coordinated with all new and existing improvements, and with the actual installed bedlines, sod limits, and plant locations.
6. The installer shall be familiar with all applicable documents, including any written specifications that may have been issued. Any conflict found between the various documents shall be submitted in writing to the owner's representative for determination.
7. All material and labor necessary to provide a complete, fully operational, and guaranteed system shall be considered part of the work, whether or not they are specifically indicated in the documents. This shall include conformance to the requirements and recommendations of the various manufacturers of the equipment, and to applicable training and certification required of installation personnel.
8. Unless specifically stated or approved to the contrary, piping and wiring passing under paved or other impervious surfaces shall be installed in Sch. 40 PVC sleeving of adequate size. Sidewalks shall require sleeving, even if not shown on the drawings. Control wiring may be run within a larger sleeve with mainline piping, but only if protected by a smaller conduit. Wire may not be taped to the mainline in lieu of this conduit, as abrasion of the wire jacket is likely to occur.
9. If the builder has made sleeves under parking and driveways the responsibility of someone other than the irrigation contractor (such as the paving or site civil contractor), the irrigation contractor shall report any needed sleeve which either cannot be found or is damaged beyond practical use to the owner's representative immediately, along with recommendations for corrective action.
10. Control wiring shall be routed with the mainline whenever possible. Otherwise, wiring shall be protected with PVC conduit of suitable size, and pull boxes at recommended intervals. Low voltage wiring shall be type "UF", with PVC jacket. Multi-conductor or non-PVC jackets shall not be permitted without prior approval of the owner's representative. Unless stated to the contrary, zone "hot" wires shall be size 14-1, colored red. Spare wires, a minimum of two of which shall be run from the controller to the farthest zone valve in each direction, shall be 14-1, blue in color. Valve common wires shall be 12-1, white in color. Wire splices for electric valves shall be of approved type. Spears "dr-splice" connectors and sealant are the preferred connectors, but "King Nuts" or other types may be submitted as an alternate. The installer shall install all wiring with adequate slack, snaked in trenches, bundled at ten foot intervals, and with surge/expansion coils at the valves and the controller location.
11. Metallic locator/warning tape shall be buried above all wiring and piping.
12. Valve boxes shall be tamper-resistant type.
13. All sprinkler heads shall be of the proper size and type for the location and plant material. Heads shall be installed in the prescribed manner, plumb, and with the proper height with respect to grade and/or plant material. All heads and other equipment shall be installed with adequate and uniform clearances from all paving, curbs, sidewalks, walls, and other obstacles, so that damage to equipment does not occur during normal landscape maintenance operations. All sprinklers shall be adjusted to obtain optimal coverage of plant material, while eliminating overspray onto windows, walls, paving, or any other impervious surfaces.

Heads shall be located so that irrigation spray is directed away from all impervious surfaces. The installer shall utilize the proper spray nozzle pattern for the location, as well as pressure-compensating heads or screens, and adjustable-pattern nozzles where a fixed pattern is not suitable to control coverage or overspray.

14. Riser-mounted heads shall be installed within the first row of plant material, so that the head is protected and concealed by the material. It may be required to relocate heads not conforming to this stipulation after plants are installed. This shall be done at no additional cost to the owner. Risers shall be staked as shown in the details, and painted a durable flat color, to be agreed upon by the parties.
15. The contractor shall only use primer and PVC cement pre-approved by the owner's representative for this installation.
16. Mainline piping shall be gasketed type pipe. Pipe shall be joined using full insertion, with depth of insertion clearly marked on the pipe, so that visual inspection can determine if slippage has occurred. Mainline PVC pipe fittings shall be Harco ductile-iron, unless otherwise approved to the contrary. Joints shall be restrained in a manner consistent with the requirements of the pipe and fitting manufacturers. The use of mega-lug restrains is preferred for this purpose, but poured-in-place concrete thrust blocks may be utilized if size, configuration and material composition meet or exceed industry standards. Fittings shall be wrapped with visqueen prior to pouring of thrust blocks, and control wiring shall be routed around to avoid being trapped in the pour.
17. The controller shall require a standard 120-VAC power feed, which shall be coordinated by the installer, and hooked up by a licensed electrician. It is preferred that a dedicated circuit be provided for this connection. A 3-wire power input surge arrester shall be provided on the power feed, and a dedicated ground rod/plate network (see detail) shall be installed, having a measured earth ground resistance of not greater than ten (10) OHMS.
18. The controller shall be equipped with a properly located and installed rain/freeze/wind shutoff sensor device (mini-ctrl remote, unless noted and approved otherwise) as required by Florida law. The sensor shall be located in such a manner so that it is unobstructed and directly exposed to natural rainfall and sunlight from all directions, but not to runoff water from roofs, etc.
19. If a well is utilized, the controller shall be furnished with a means to electrically signal the operation of the well pump. Suitable signal wiring shall be run in 1" gray conduit from the controller to the well site.
20. The installer shall provide an approved facility by which the entire system may be readily drained for maintenance or freeze protection.
21. The installer shall be expected to be familiar with all requirements for the work, and to conduct the work in a clean, safe, and workmanlike manner. The owner reserves the right to act to protect his/her property and the other personnel at work there, and to make emergency repairs or take corrective action if the installer does not fulfill his/her obligations in a timely manner. The owner further reserves the right to back-charge the installer to cover such expenses, to the extent allowed under applicable law.
22. The installer shall coordinate with appropriate county officials for provision of electric service requirements, as well as coordinating final locations of the controller, water source connection, and all other irrigation components.
23. The irrigation source shall either be from a potable water line, a well, or the Blackwater River. Coordinate approved source with county and other permitting agencies as required.
24. The minimum supply requirement for the system shall be determined by the contractor and stated on the design-build plans and shop drawings.

SYMBOLS LEGEND

- ▽ RAIN BIRD 5006-PL-PC-SAMP RS POP-UP ROTOR HEAD
- ⊙ RAIN BIRD 5012-PL-FC-SAMP RS POP-UP ROTOR HEAD
- ▼ RAIN BIRD 5000S-PL-PC-PRS HI-POP ROTOR HEAD
- RAIN BIRD 1806-SAMP RS 6" POP-UP SPRAY HEAD
- RAIN BIRD 1812-SAMP RS 12" HI-POP SPRAY HEAD
- ◉ RAIN BIRD PA-8S-PRS SHRUB SPRAY HEAD
- RAIN BIRD 1404 TREE BUBBLER HEAD
- ◐ RAIN BIRD PES-B SERIES ELECTRIC VALVE (SIZES AS NOTED)
- ▶ NIBCO BRASS GATE VALVE, 2"
- ☐ RAIN BIRD ESP16-LXM 16-STA. ELECTRIC CONTROLLER
- 4" DEEP WELL/PUMP, BY OTHERS (70-GPM @ 60-PSI)
- ⊗ SCH.40 PVC PAVEMENT SLEEVE
- _____ SCH.40 PVC S.W. MAINLINE PIPING, 2"
- _____ SCH.40 PVC S.W. LATERAL PIPING

VALVE INFORMATION

VALVE NUM.			VALVE SZ.		VALVE GPM		TYPE OF SPRINKLER	NOMINAL PRECIP	RT. NUMBER OF HEADS
1	2"	65	TURF	ROTOR	0.28	N/A			
2	2"	57	TREE	BUBBLER	N/A	57			
3A	1"	14	TURF	ROTOR	0.28	7			
3B	1 1/4"	24	TURF	ROTOR	0.28	12			
4	1 1/4"	41	TURF	SPRAY	1.60	30			
5	1 1/4"	47	SHRUB	SPRAY	1.60	25			
6	2"	65	TURF	ROTOR	0.28	23			
7A	1 1/4"	30	SHRUB	ROTOR	0.28	14			
7B	1"	15	SHRUB	ROTOR	0.28	7			
8	1 1/4"	44	SHRUB	SPRAY	1.60	26			
9	1 1/4"	33	TURF	SPRAY	1.60	28			
10	1 1/4"	44	TURF	ROTOR	0.28	16			
11	2"	52	SHRUB	ROTOR	0.28	23			
12	1 1/4"	32	SHRUB	SPRAY	1.60	32			
13	2"	55	TREE	BUBBLER	N/A	55			
14	2"	51	TURF	ROTOR	0.28	20			
15	1 1/4"	24	SHRUB	ROTOR	0.28	11			
16	2"	63	SHRUB	SPRAY	1.60	38			

VALVES WITH MATCHED NUMBER PAIRS (A, 3B AND 7A, 7B) SHALL RUN TOGETHER ON SAME CONTROLLER ZONES

Warranty/Disclaimer

The installer shall be required to submit a written warranty statement prior to final acceptance of the work. All material and labor shall be guaranteed for a period not less than one year from date of acceptance by the owner. Any manufacturers' warranties of greater than one year shall be supported by the installer. The installer shall be expected to identify and adhere to any prevailing codes or ordinances which may differ from the content of these documents. The installer shall be further expected to observe any requirements made by the equipment/material manufacturers on which warranty coverage is predicated. Failure by the installer to furnish a written warranty statement shall not affect his/her obligation to adhere to the stipulations set forth herein. The owner shall retain the right to remedy any deficiencies which may arise, if the installer fails to respond in a timely fashion to claims made under the warranty. The owner further reserves the right to seek reimbursement from the installer for any costs or damages incurred as a result of such failure to respond.

BAGDAD MILL SITE PARK
IRRIGATION NOTES



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Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
www.atkinsglobal.com
Certificate of Authorization No. 24

LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL R.L.A. NO. 0001742

SCALE:	
DRAWN BY:	CRB
DESIGNED BY:	CRB
CHECKED BY:	BWB
APPROVED BY:	GSA
DRAWING NUMBER:	
PROJECT NUMBER:	100018518
CLIENT NUMBER:	
DRAWING NUMBER:	L-113

APPROVED BY					
DATE					
REVISIONS					
NUMBER					

ITEM	QTY	U/M
PATHS		
Boardwalk	350	LF
Asphalt Trail	3658	SY
FURNISHINGS		
Bench with Back	6	EA
Bench without Back	4	EA
Bike Rack	3	EA
Picnic Table	7	EA
Trash Receptacle	13	EA
Grill	3	EA
Gazebo	1	EA
Pavilion	1	EA
Entry Teaching Kiosk	1	EA
Information Kiosk	1	EA
Education Kiosk (supplied by others)	5	EA
Light Fixtures	11	EA
Flagpoles	3	EA

NOTE:

THIS HARDSCAPE SCHEDULE/MATERIALS LIST IS NOT INTENDED TO BE INCLUSIVE OF ALL HARDSCAPE ITEMS WITHIN THE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR BIDDING ON ALL ELEMENTS WITHIN THE ENTIRE SET OF PLANS, SPECIFICATIONS, AND OTHER CONTRACT DOCUMENTS REGARDLESS OF WHETHER OR NOT THOSE ITEMS ARE SPECIFICALLY SHOWN ON SCHEDULE/MATERIALS LISTS.

LIKewise, THE CONTRACTOR SHALL SUPPLY ALL SUPPLEMENTAL WORK AND MATERIALS AS NECESSARY, AND FOLLOW ALL SPECIFICATIONS (INCLUDING MANUFACTURERS SPECIFICATIONS), FOR PROPER INSTALLATION OF ALL PROJECT ELEMENTS TO MEET ALL REQUIREMENTS WITHIN THE CONTRACT DOCUMENTS.

SEE GENERAL HARDSCAPE NOTES BELOW FOR ADDITIONAL INFORMATION.

1 HARDSCAPE SCHEDULE/MATERIALS LIST

+/-	PLUS/MINUS	LT.	LIGHT
xx"	DEGREES	L.P.	LOW POINT
@	AT	MANUF.	MANUFACTURER
&	AND	MAX	MAXIMUM
A.C.	AIR CONDITIONER	MECH.	MECHANICAL
ADJ.	ADJACENT	MEP	ELECTRICAL / PLUMBING
ALUM.	ALUMINUM	L	METAL
ARCH.	ARCHITECTURE, ARCHITECT	MH	MANHOLE
A.F.F.	ABOVE FINISH FLOOR	MIN.	MINIMUM
BC	BOTTOM OF CURB	MISC.	MISCELLANEOUS
BLDG.	BUILDING	N.I.C.	NOT IN CONTRACT
BR	BOTTOM OF RAMP	N.G.V.D.	NATIONAL GEODETIC VERTICAL DATUM
BS	BOTTOM OF STAIR/STEP	NO. or #	NUMBER
BW	BOTTOM OF WALL	NOM.	NOMINAL
CB	CATCH BASIN	NVE	NORMAL WATER ELEVATION
CL	CENTERLINE	N.T.S.	NOT TO SCALE
CJ	CONTROL JOINT	O.A.	OVER ALL
C.R.	CLEAN OUT	O.C.	ON CENTER
COL.	COLUMN	OD	OUTSIDE DIAMETER
CONC.	CONCRETE	OPP	OPPOSITE
CONT.	CONTINUOUS	P	PAVING
CONU.	CONCRETE MASONRY UNIT	P.A.	PAVING AREA
DET.	DETENTION	P.O.B.	POINT OF BEGINNING
DET.	DETAILED	P.T.	PRESSURE TREATED
DI	DIAMETER	R	RADIUS
DIA.	DIAMETER	RD	ROOF DRAIN
DN.	DIMENSION	REIN.	REINFORCED
DN.	DOWN	REQ.	REQUIRED
DR.	DOOR	S.F.	SQUARE FEET
DWG	DRAWING	SIM.	SIMILAR
EJ	EXPANSION JOINT	SQ.	SPECIFICATIONS
ELEC.	ELECTRIC, ELECTRICAL	SS	SQUARE
EL	ELEVATION	SS	STAINLESS STEEL
EOP	EDGE OF PAVEMENT	SYML	SYMMETRICAL
EQ.	EQUAL	STRUCT.	STRUCTURAL
EQUIP.	EQUIPMENT	T	TREAD
EW	EACH WAY	T&B	TOP AND BOTTOM
EX	EXISTING	TC	TOP OF CURB
FBC	FLORIDA BUILDING CODE	T.O.	TOP OF
FD	FLOOR DRAIN	TRANSV.	TRANSVERSE
FFE	FINISH FLOOR ELEVATION	TR	TOP OF RAMP
F.O.	FACE OF	TS	TOP OF STAIR/STEP
F.O.F.	FACE OF FINISH	TW	TOP OF WALL
GA.	GAUGE	TP.	TYPICAL
GALV.	GALVANIZED	UTIL.	UTILITY
GEN.	GENERATOR	VERT.	VERTICAL
HIC	HANDICAP	VERT.	VERTICAL
HORIZ.	HORIZONTAL	V.I.F.	VERTIFY IN FIELD
H.P.	HIGH POINT	W/O	WITHOUT
H.T.	HIGH TRAIL	WTR	WATERPROOF
HND.	HARDWOOD	WGT	WEIGHT
INV.	INVERT	WMM	WIRE WELDED MESH
JT.	JOINT		
L.A.	LANDSCAPE ARCHITECT		
L.F.	LINEAR FEET		

2 ABBREVIATION KEY

- 1) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL GUIDELINES AND BUILDING CODES.
- 2) THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- 3) THE CONSTRUCTION SITE SHALL BE LEFT CLEAN AND FREE FROM DEBRIS AT THE END OF EACH WORK DAY.
- 4) THE CONTRACTOR SHALL APPLY FOR, OBTAIN, AND PAY FOR ALL REQUIRED PERMITS, UNLESS OTHERWISE SPECIFIED. PERMITS SHALL BE POSTED ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.
- 5) ALL WORK, MATERIAL, AND EQUIPMENT UTILIZED SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS, SPECIFICATIONS, AND/OR APPROVED SHOP DRAWINGS.
- 6) ALL WORK FOR THIS PROJECT SHALL CONFORM TO STANDARDS PUBLISHED BY RECOGNIZED PROFESSIONAL AND INDUSTRY ORGANIZATIONS.
- 7) THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE AND BECOMING FAMILIAR WITH ALL EXISTING CONDITIONS AFFECTING THE WORK PRIOR TO SUBMITTING A BID.
- 8) THE CONTRACTOR SHALL SUBMIT THEIR BID IN THE FORMAT STIPULATED WITHIN THE CONTRACT DOCUMENTS.
- 9) THE CONTRACTOR SHALL SEEK CLARIFICATION PRIOR TO BIDDING FROM THE OWNERS REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE LANDSCAPE ARCHITECTURAL, CIVIL, AND/OR ANY OTHER DRAWINGS. THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
- 10) THE CONTRACTOR SHALL SEEK CLARIFICATION PRIOR TO BIDDING ON ANY QUESTIONS CONCERNING CONDITIONS, DRAWINGS, DETAILS, AND SPECIFICATIONS THAT WILL AFFECT SUBMISSION OF A COMPLETE AND ACCURATE BID. SUBMISSION OF QUESTIONS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE INSTRUCTION TO BIDDERS.
- 11) THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE OWNERS REPRESENTATIVE FOR ANY DEVIATION FROM THE CONTRACT DOCUMENTS.
- 12) ALL REQUESTS FOR INFORMATION ABOUT CLARIFICATION OF DRAWINGS, CONDITIONS, OR SUBSTITUTIONS FOR THE CONTRACT DOCUMENTS SHALL BE SUBMITTED THROUGH THE OWNERS REPRESENTATIVE. THE OWNERS REPRESENTATIVE SHALL HAVE SEVEN (7) WORKING DAYS IN WHICH TO RESPOND.
- 13) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND MAINTAINING ALL CONSTRUCTION AREAS FREE OF DEBRIS AND HAZARDOUS MATERIALS THROUGHOUT THE CONSTRUCTION PROCESS.
- 14) THE CONTRACTOR SHALL BE RESPONSIBLE AT THEIR COST FOR THE REPAIR AND/OR REPLACEMENT OF ANY ITEMS/AREAS DAMAGED DURING THE CONSTRUCTION PROCESS.
- 15) THE CONTRACTOR SHALL LAYOUT AND VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNERS REPRESENTATIVE.
- 16) DIMENSIONS SHALL NOT BE SCALED FROM THE CONTRACT DOCUMENTS. WRITTEN DIMENSIONS SHOWN ON THE PLANS SHALL RULE. IN THE CASE OF AMBIGUITY, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION OF DIMENSIONS FROM THE OWNERS REPRESENTATIVE.
- 17) QUANTITIES SHOWN ON SCHEDULES ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL VERIFY QUANTITIES WHEN THERE IS A DISCREPANCY BETWEEN THE QUANTITY SHOWN ON THE SCHEDULE AND THE QUANTITY OF ITEMS SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE OWNERS REPRESENTATIVE IN WRITING FOR CLARIFICATION.
- 18) THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO THE START OF FABRICATION FOR ALL APPLICABLE ITEMS. THE CONTRACTOR SHALL SUBMIT FIVE (5) SETS OF SHOP DRAWINGS TO THE OWNERS REPRESENTATIVE. THE OWNERS REPRESENTATIVE SHALL HAVE SEVEN (7) WORKING DAYS IN WHICH TO RESPOND.
- 19) REFER TO THE CIVIL DRAWINGS FOR DETAIL INFORMATION ON GRADING, DRAINAGE, STORMWATER, PARKING, HANDICAP ACCESSIBLE RAMPS, TRAIL PAVING, ETC. ANY REFERENCE TO THESE ITEMS SHOWN ON THE HARDSCAPE AND LANDSCAPE PLANS AND DETAILS IS FOR INFORMATIONAL PURPOSES ONLY.
- 20) REFER TO THE ELECTRICAL DRAWINGS FOR LIGHTING SPECIFICATIONS AND LAYOUT. ANY LIGHTING SHOWN ON THE HARDSCAPE AND LANDSCAPE PLANS AND DETAILS IS FOR INFORMATIONAL PURPOSES ONLY.

3 GENERAL HARDSCAPE NOTES

APPROVED BY:									
DATE:									
REVISIONS:									
NUMBER:									

BAGDAD MILL SITE PARK HARDSCAPE NOTES AND DETAILS

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Certificate of Authorization No. 24

LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL B.L.A. NO. 0001742

SCALE:	
DRAWN BY:	BWB
DESIGNED BY:	BWB
CHECKED BY:	DMH
APPROVED BY:	GSA
DRAWING NUMBER:	
PROJECT NUMBER:	100018518
DATE:	
SHEET NUMBER:	
	L-200





WHC 20 W/ OPTIONAL ORNAMENTATION AND CUPOLA



Sarasota Ornamentation
05



poligon[®]
WOOD SHELTERS

1

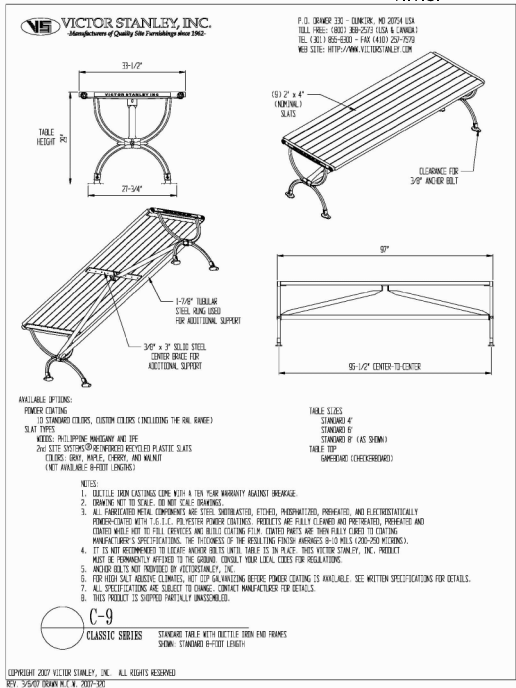
GAZEBO (WITH ORNAMENTAL RAILING/TRIM AND MULTI-RIB ROOF)

Install per the Manufacturer's Specifications

N.T.S.



C-9 TABLE WITH MATCHING C-7 BENCHES

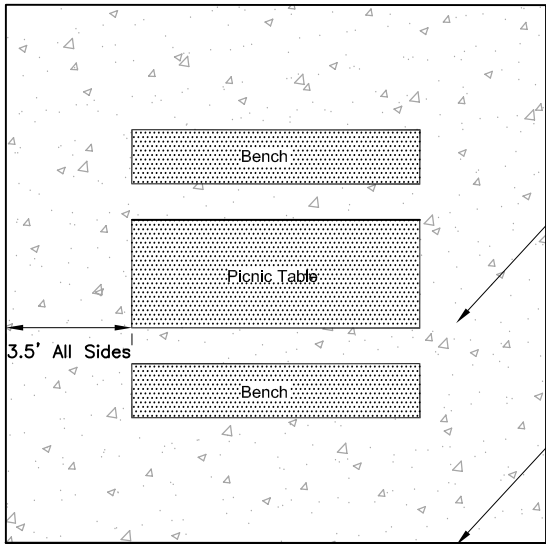


AVAILABLE OPTIONS:
POWDER COATING
13 STANDARD COLORS, CUSTOM COLORS (INCLUDING THE RAIL RANGE)
SLAT TYPES: 1) POLYMER WOODGRAIN AND 2) 2x4 SLAT SYSTEMS (RECYCLED PLASTIC SLATS)
WOODS: 1) OAK, 2) WHITE, 3) COUNTRY, AND 4) WILLOW
(NOT AVAILABLE: BIRCH, LARCH)

NOTES:
1. ALL TABLES, BENCHES, AND BENCHES COME WITH A 10 YEAR WARRANTY AGAINST SKEWING.
2. FINISHING KIT IS NOT TO SCALE. SEE KIT SCALE DRAWING.
3. ALL FABRICATED METAL COMPONENTS ARE STEEL, GALVANIZED, STITCHED, AND ELECTROSTATICALLY POWDER COATED WITH 1/2" O.C. 1/2" POLYESTER POWDER COATING. PROTECTIVE AND FINISH COATINGS ARE PREAPPLIED, PREBLENDED, AND COATED WHILE HOT TO FULL COVERAGE AND BUILT COATING FILM. COATED PARTS ARE THEN FULLY CURED TO COATING.
4. IT IS NOT RECOMMENDED TO LOCATE ANCHOR OR TO INSTALL TABLE IN PLACE. THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
5. ANCHOR BOLT IS NOT PROVIDED BY VICTOR STANLEY, INC.
6. FOR HIGH SALT RELATIVE CLIMATES, HOT TOP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. SEE WRITTEN SPECIFICATIONS FOR DETAILS.
7. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
8. THIS PRODUCT IS SHIPPED PARTIALLY ASSEMBLED.

CLASSIC SERIES
STANDARD TABLE WITH BUTTLE BENCH END FINISH
STANDARD 6'x10' BENCH LENGTH

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REV: 3/5/07 DRAWN BY: 2007-301



Concrete pad shall be constructed per the Standard Paving Section Detail shown in 3/L-201

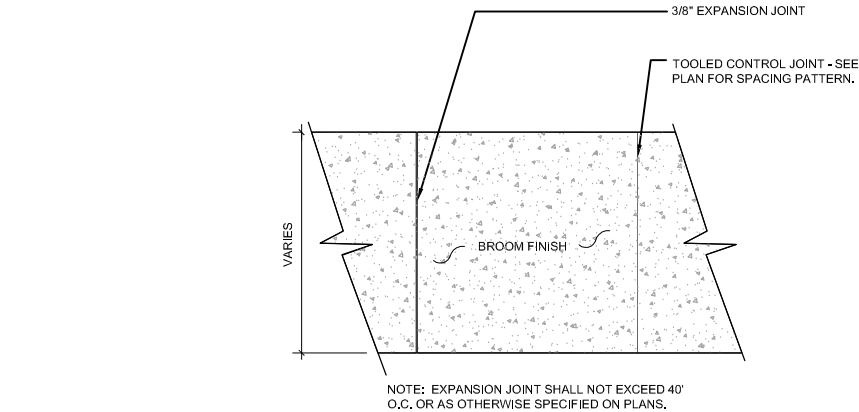
Expansion Joint at interface with adjacent pavement

2

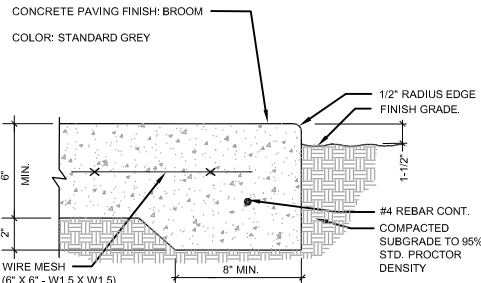
6' PICNIC TABLE WITH MATCHING BENCHES (RECYCLED PLASTIC AND ADA ACCESSIBLE)

Install per the Manufacturer's Specifications

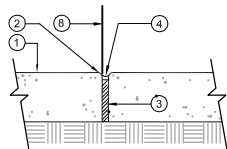
N.T.S.



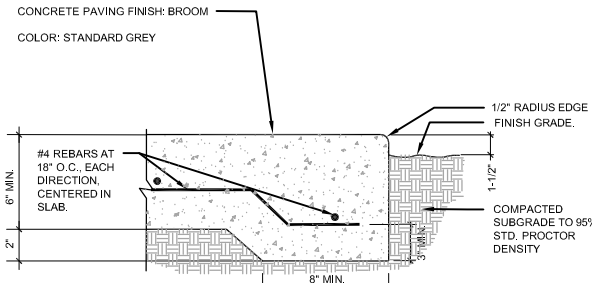
NOTE: EXPANSION JOINT SHALL NOT EXCEED 40' O.C. OR AS OTHERWISE SPECIFIED ON PLANS.



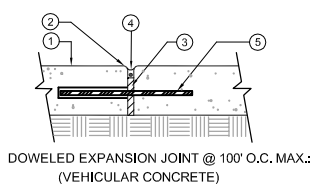
STANDARD PAVING SECTION



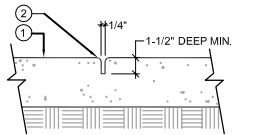
EXPANSION JOINT:
(NON-VEHICULAR CONCRETE MAX. 40' O.C.)
STANDARD PAVING EXPANSION JOINT SECTION



HEAVY DUTY PAVING SECTION



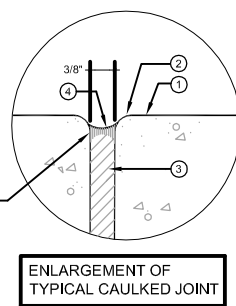
HEAVY DUTY PAVING EXPANSION JOINT SECTION



TOOLED CONTROL JOINT
SEE HARDSCAPE PLANS FOR SPACING

ALL SCORING JOINTS SHALL BE CREATED W/ PRECISENESS TO ENSURE CLEAN, STRAIGHT JOINTS AS SHOWN ON PLANS. SCORE LINES WILL BE SUBJECT TO APPROVAL BY OWNER'S REPRESENTATIVE

WIDTH TO DEPTH RATIO OF MASTIC TO BE PER MFG'S. RECOMMENDATIONS.



ENLARGEMENT OF
TYPICAL CAULKED JOINT

LEGEND:

1. CONCRETE PAVING
2. 1/2" TOOLED RADIUS EDGE.
3. PREMOLED EXPANSION JOINT SEALER PER SPECIFICATIONS.
4. MASTIC SEALANT, COLOR TO MATCH ADJACENT PAVING.
5. 3/4" DIA. X 24" LONG SMOOTH STEEL SLIP DOWEL; CENTER IN CONCRETE.
6. FACE OF WALL (NOT APPLICABLE)
7. VERTICAL EXPANSION JOINT AT 20' O.C. MAX., ALIGN WITH ADJACENT HORIZONTAL EXPANSION JOINTS WHERE POSSIBLE. (NOT APPLICABLE)
8. CURB OR WALL FACE WHERE EDGE CONDITION EXISTS
9. TOOLED JOINT WITHOUT RADIUS EDGE TO BE STRIKED IN IRREGULAR LINE PRIOR TO STAMP AND SKIN APPLICATIONS, (NOT APPLICABLE)

3

CONCRETE PAVING DETAILS

N.T.S.

80% PLANS NOT FOR CONSTRUCTION

BAGDAD MILL SITE PARK HARDSCAPE NOTES AND DETAILS

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Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
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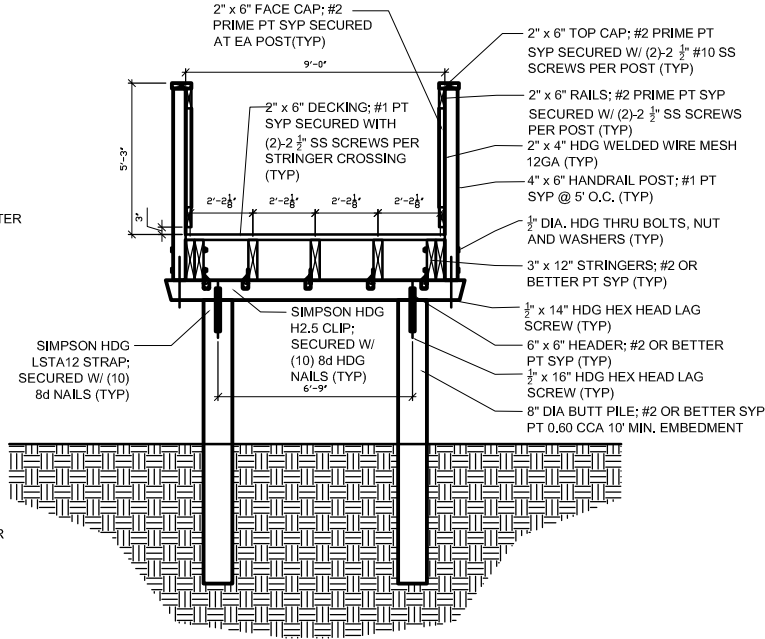
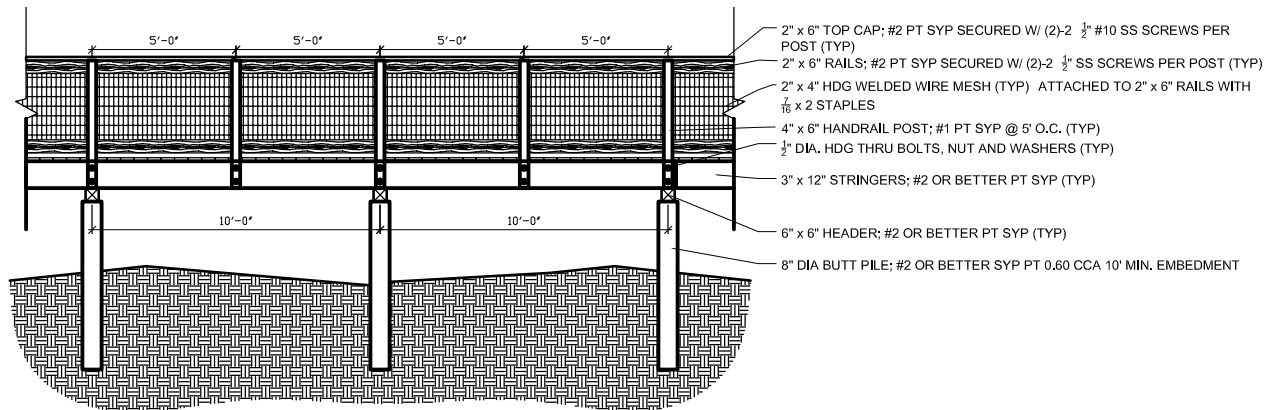
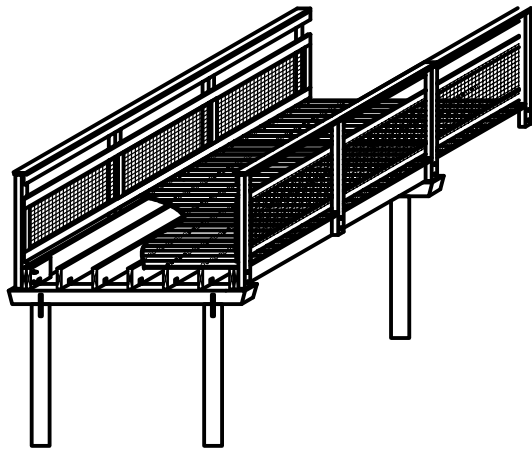
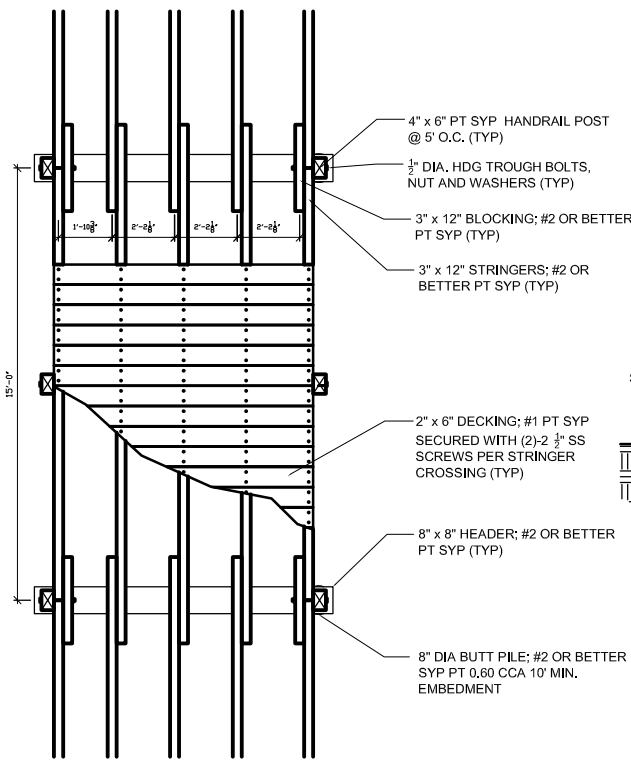
LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL RLA No. 0001742

SCALE:

DRAWN BY: BWB
DESIGNED BY: BWB
CHECKED BY: DMH
APPROVED BY: GSA
DRAWING NUMBER
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SURVEY NUMBER

L-201

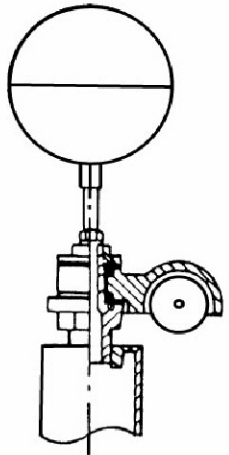
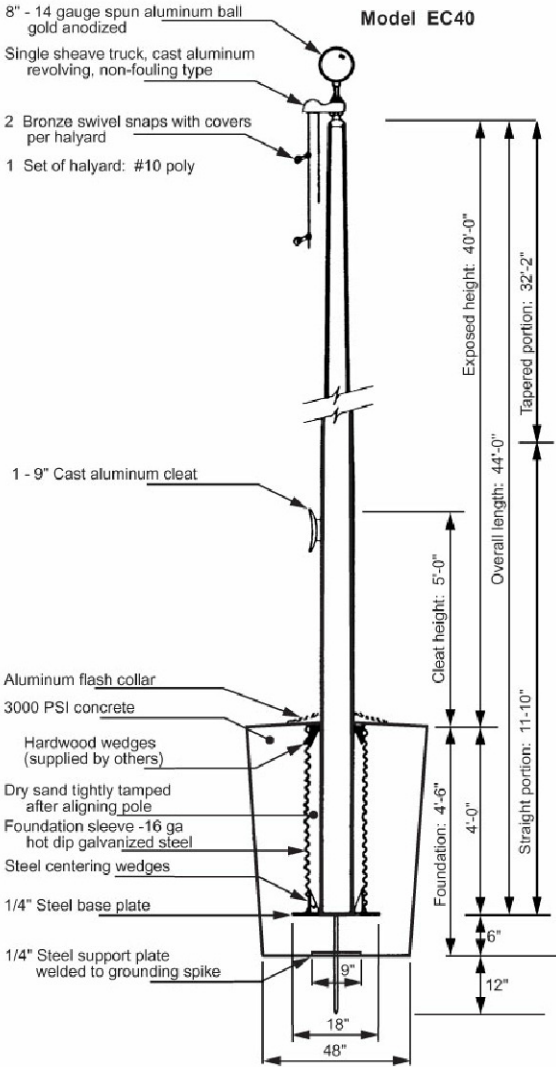


NOTE: PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A SET OF BOARDWALK PLANS THAT HAVE BEEN SIGNED AND SEALED BY A STRUCTURAL ENGINEER.

BOARDWALK BY NATURE BRIDGES (OR APPROVED EQUAL)



2074 RAYNOND DIEHL ROAD
TALLAHASSEE, FLORIDA 32308
PH. 850-385-3234, FAX 850-385-3493
www.naturebridges.com



Truck Detail
Aluminum body
Stainless steel ball bearings
Aluminum sheave
Cast aluminum spindle

All shafts with overall length of more than 38'-6" are shipped in two sections.

Each section matched marked for field assembly. Exposed portion of jam sleeve must be well lubricated prior to assembly.

1-1/2" maximum shop gap allowed for field fitting (ram for tight joint)

1 BOARDWALK - PLAN, SECTION, AXONOMETRIC, AND ELEVATION

N.T.S.

2 FLAGPOLE

Install per the Manufacturer's Specifications

N.T.S.

BAGDAD MILL SITE PARK
HARDSCAPE NOTES
AND DETAILS

ATKINS
2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
www.atkinsglobal.com
Certificate of Authorization No. 24

LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL RLA No. 0001742

SCALE: As Shown

DRAWN BY: BWB

DESIGNED BY: BWB

CHECKED BY: DMH

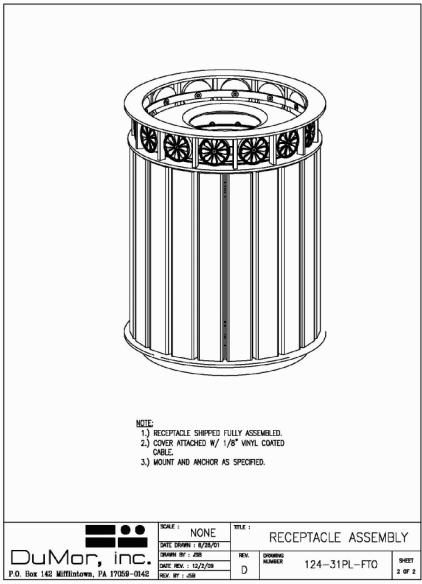
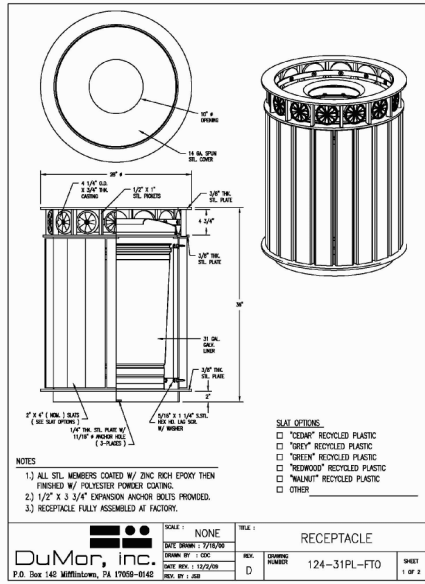
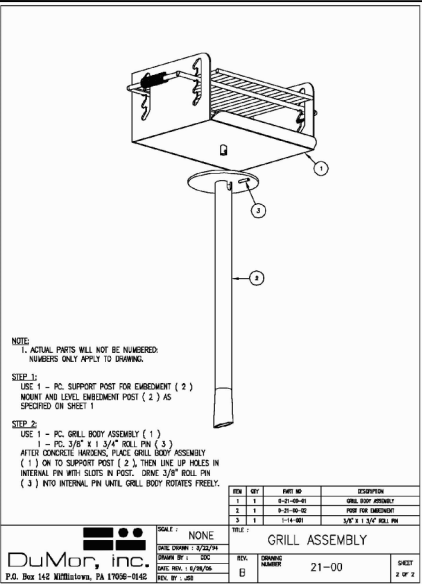
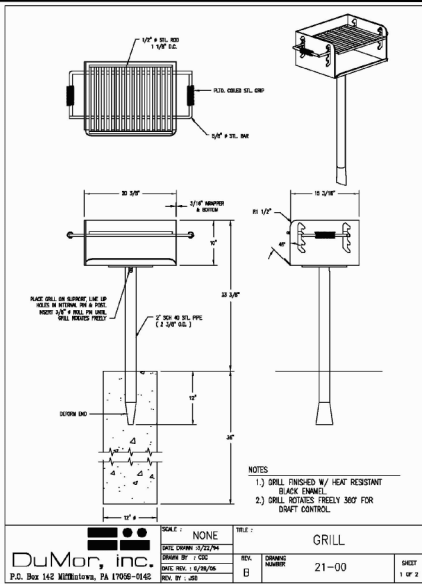
APPROVED BY: GSA

DRAWING NUMBER

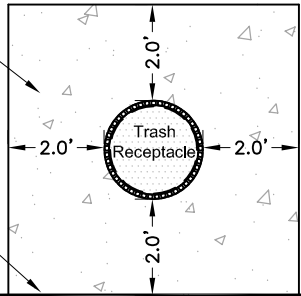
PROJECT NUMBER 100018518

SURVEY NUMBER

L-203



Concrete pad shall be constructed per the Standard Paving Section Detail shown in 3/L-201

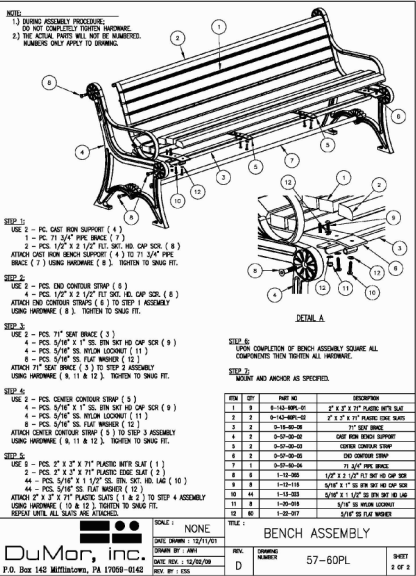


Expansion Joint at interface with adjacent pavement

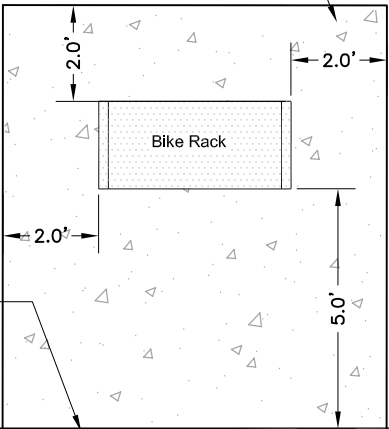
TRASH RECEPTACLE (RECYCLED PLASTIC)

Install per the Manufacturer's Specifications

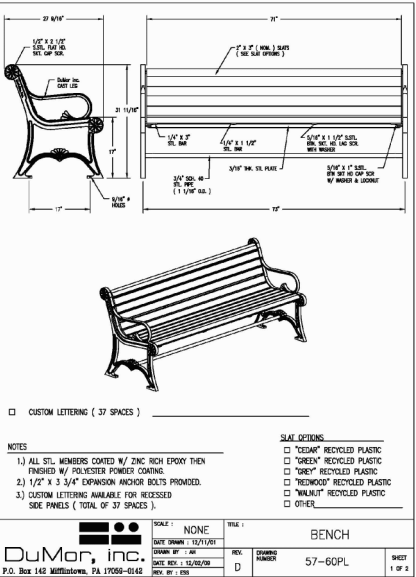
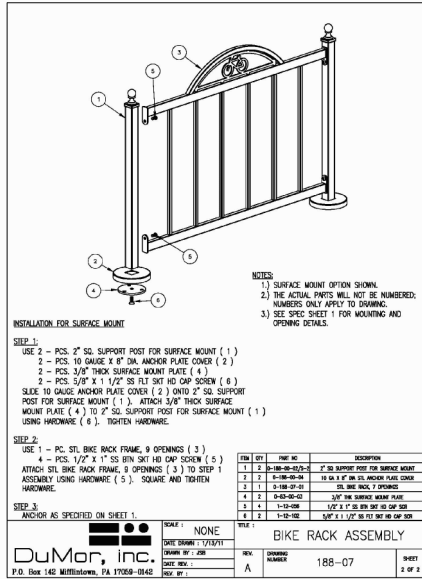
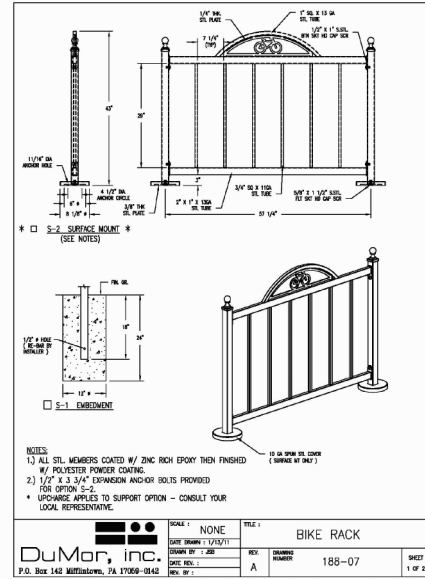
N.T.S.



Concrete pad shall be constructed per the Standard Paving Section Detail shown in 3/L-201



Expansion Joint at interface with adjacent pavement



BENCH (RECYCLED PLASTIC)

Install per the Manufacturer's Specifications

BIKE RACK

Install per the Manufacturer's Specifications

N.T.S.



BAGDAD MILL SITE PARK

SITE FURNISHINGS

ATKINS

2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
www.atkinsglobal.com

Certificate of Authorization No. 24

LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL RLA No. 0001742

SCALE:

DRAWN BY: BWB

DESIGNED BY: BWB

CHECKED BY: DMH

APPROVED BY: GSA

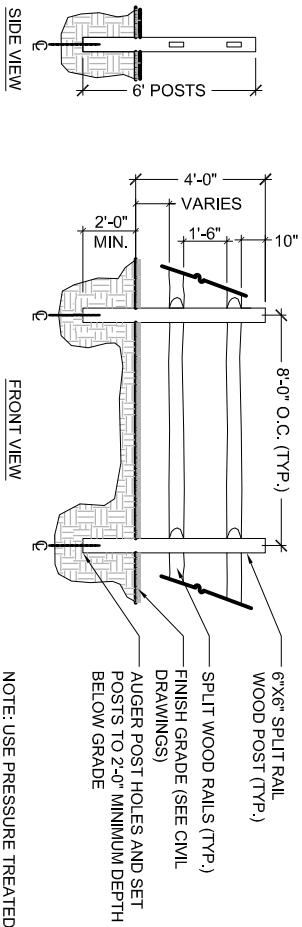
DRAWING NUMBER

PROJECT NUMBER 100018518

SURVEY NUMBER

L-202

80% PLANS NOT FOR CONSTRUCTION



SAWN POST AND RAIL FENCE SECTION

N.T.S.

[illegible]

BAGDAD MILL SITE PARK

GATEWAY ENTRANCE NOTES AND DETAILS

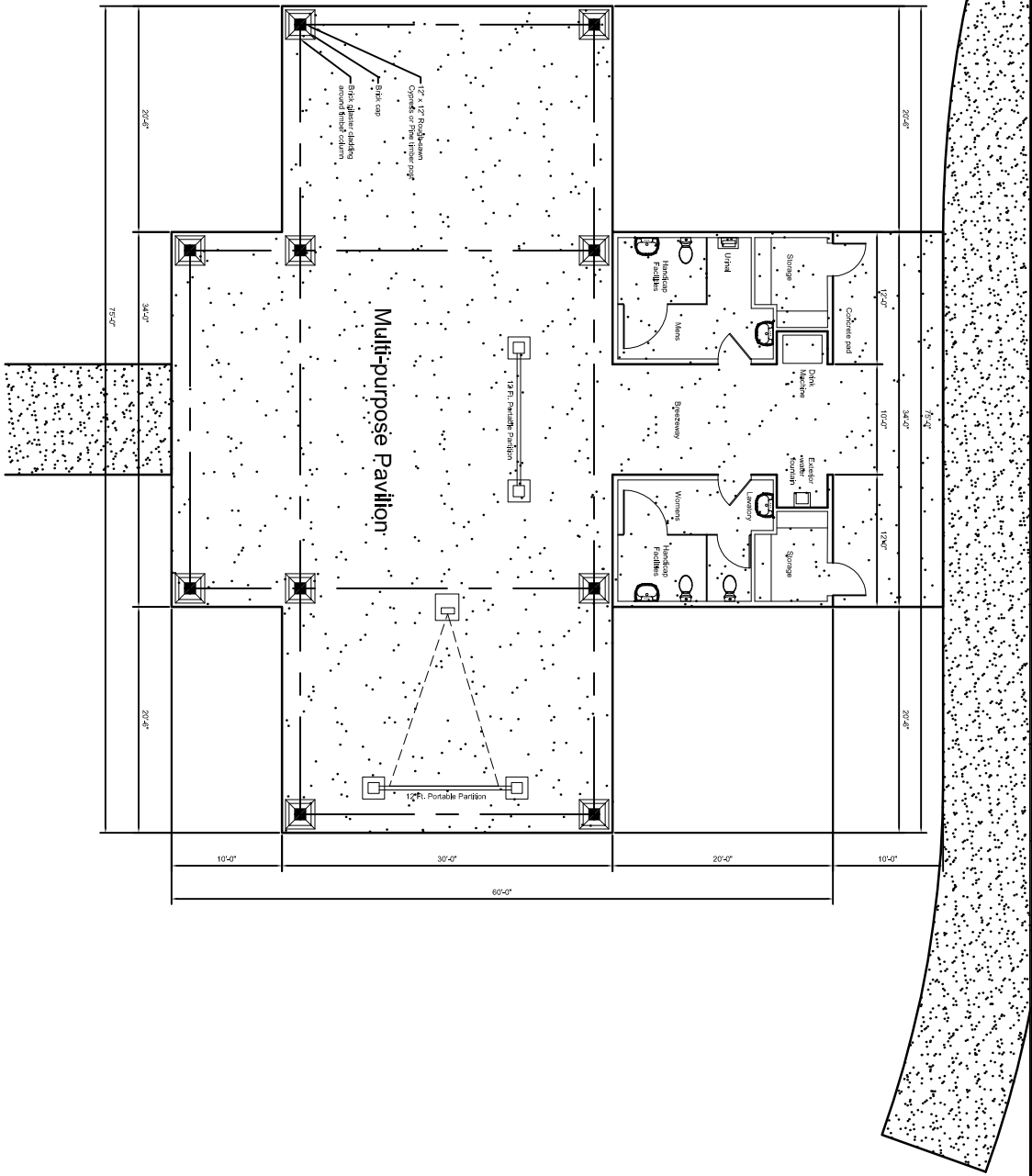
ATKINS

2114 Airport Boulevard, Suite 1450
Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
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LANDSCAPE ARCHITECT OF RECORD

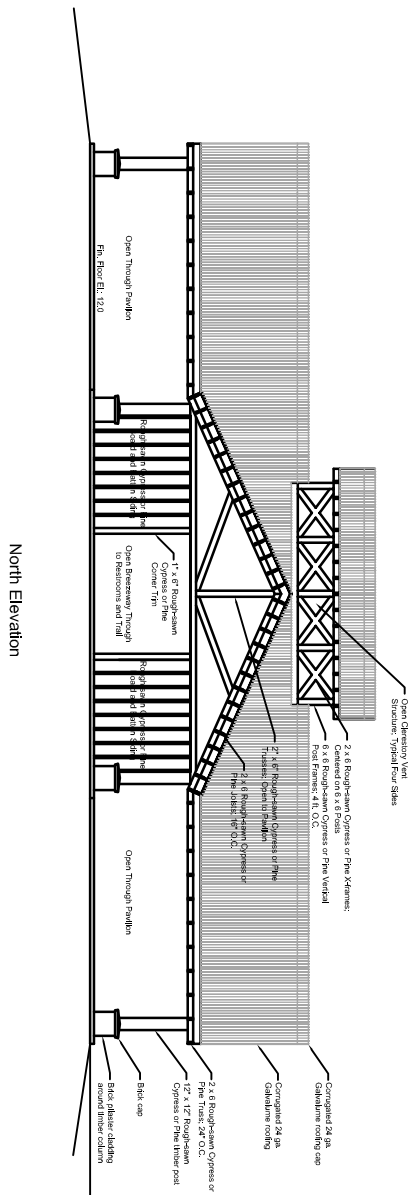
BRUCE W. BRODSKY
FL RLA NO. 0001743

SCALE:	As Shown
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	DMH
APPROVED BY:	GSA
DRAWING NUMBER	
PROJECT NUMBER	100018518
SURVEY NUMBER	



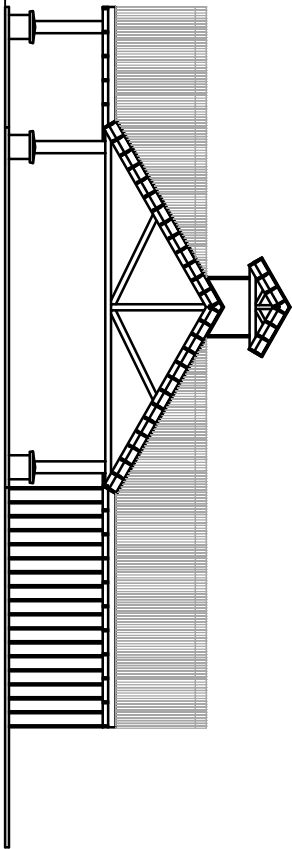
1 MULTI-PURPOSE PAVILION DETAIL

1/8"=1'-0"



2 MULTI-PURPOSE PAVILION NORTH ELEVATION

1/8"=1'-0"



3 MULTI-PURPOSE PAVILION WEST ELEVATION

1/8"=1'-0"

APPROVED BY	DATE	REVISIONS	NUMBER

BAGDAD MILL SITE PARK
MULTI-PURPOSE PAVILION
NOTES AND DETAILS

ATKINS

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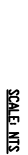
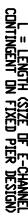
LANDSCAPE ARCHITECT OF RECORD

BRUCE W. BRODSKY
FL R.A. NO. 0001742

SCALE:	As Shown
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	DMH
APPROVED BY:	GSA
DRAWING NUMBER:	PROJECT 100018518
DATE:	10/1/05
NUMBER:	L-205



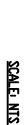
Authorized By



Authorized By



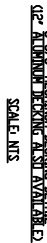
Authorized by



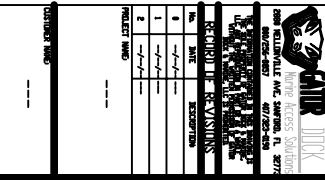
Authorized by



Authorized By



Authorized By





Aluminum Tip Decked
Poly Flaming Deck

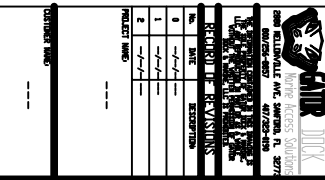
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NAME	ADDRESS	PHONE	EMAIL

VEHICLE INFO		COLOR INFO	
MAKE	MODEL	YEAR	COLOR

FLIGHT INFO		FLIGHT RESULTS	
FLIGHT NO.	FLIGHT DATE	FLIGHT TIME	FLIGHT STATUS

Aluminum Tip Decked Poly Flaming Deck

Authorized By: _____





FLYING ROCK
COMPLEMENTS

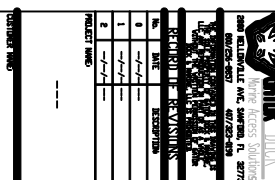
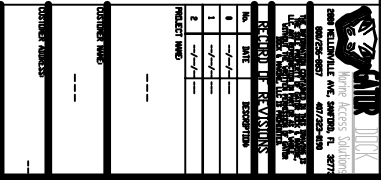
601-525-4057 4/25/2019

800-525-4057 4/25/2019

RECEIVED AT: 4/25/2019 11:30:57

REORDER REVISIONS

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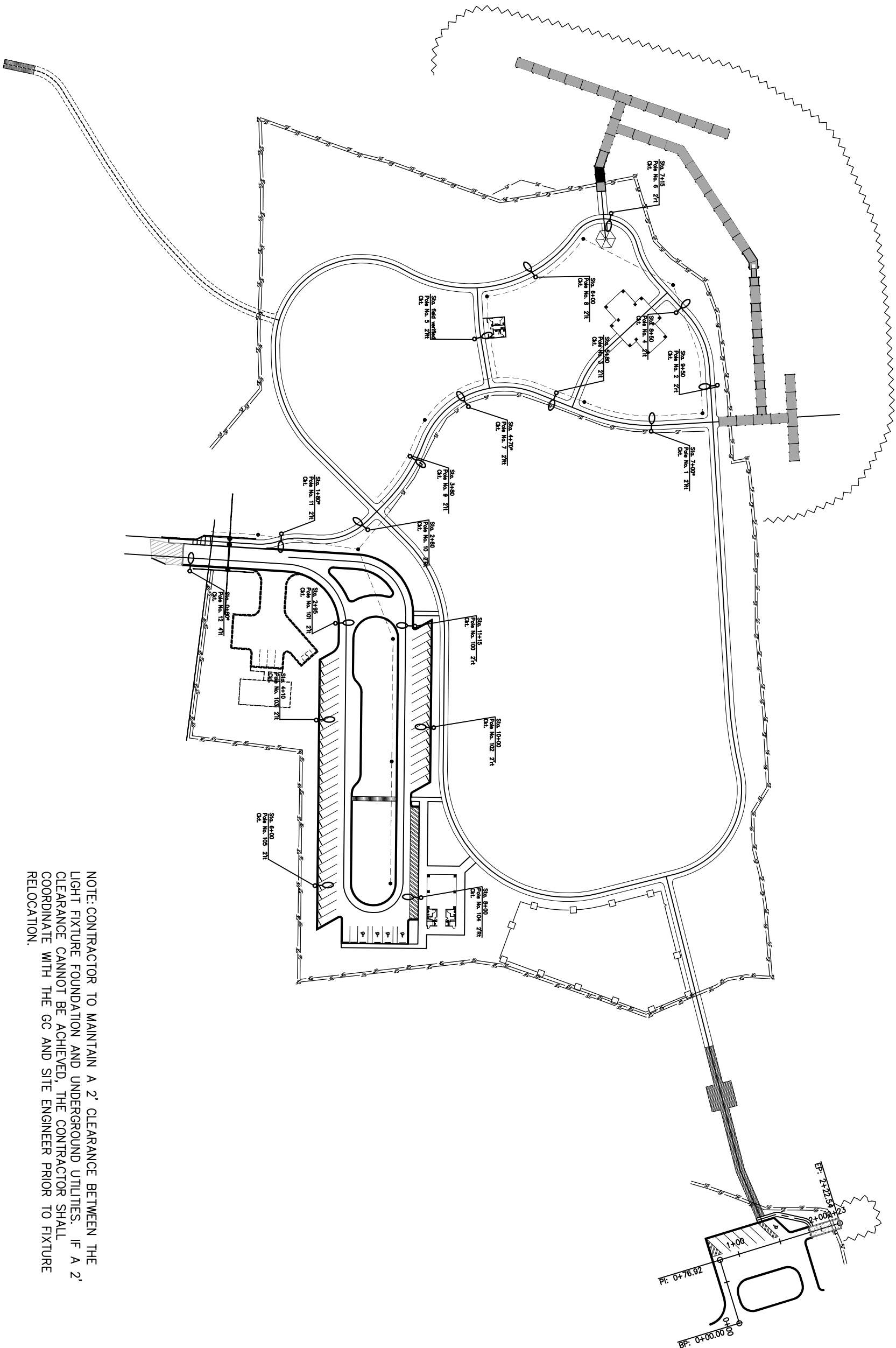


ATKINS

BRUCE W. BRODSKY
FL. RLA NO. 0001742

LANDSCAPE ARCHITECT OF RECORD

SCALE:	As Shown
DRAWN BY:	ZWS
DESIGNED BY:	DMH
CHECKED BY:	DMH
APPROVED BY:	GSA
DRAWING NUMBER	
PROJECT NUMBER	100013518
SURVEY NUMBER	
	L-208



NOTE: CONTRACTOR TO MAINTAIN A 2' CLEARANCE BETWEEN THE LIGHT FIXTURE FOUNDATION AND UNDERGROUND UTILITIES. IF A 2' CLEARANCE CANNOT BE ACHIEVED, THE CONTRACTOR SHALL COORDINATE WITH THE GC AND SITE ENGINEER PRIOR TO FIXTURE RELOCATION.

EPR

Civil • Stormwater • Traffic • Transportation

418 W. Garden Street, Suite 307
 Oakland, CA 94612

32502 • (850) 471-9579

EPR CA# 26219

80% PLANS NOT FOR CONSTRUCTION

[illegible]

BAGDAD MILL SITE PARK

ELECTRICAL PLANS

ATKINS

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Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
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SCALES:

DRAWN BY:

DESIGNED BY:

CHECKED BY

APPROVED BY _____

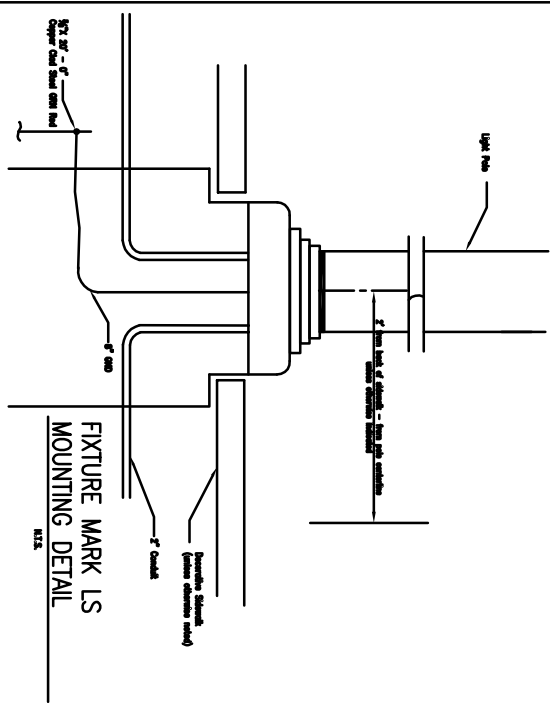
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PROJECT

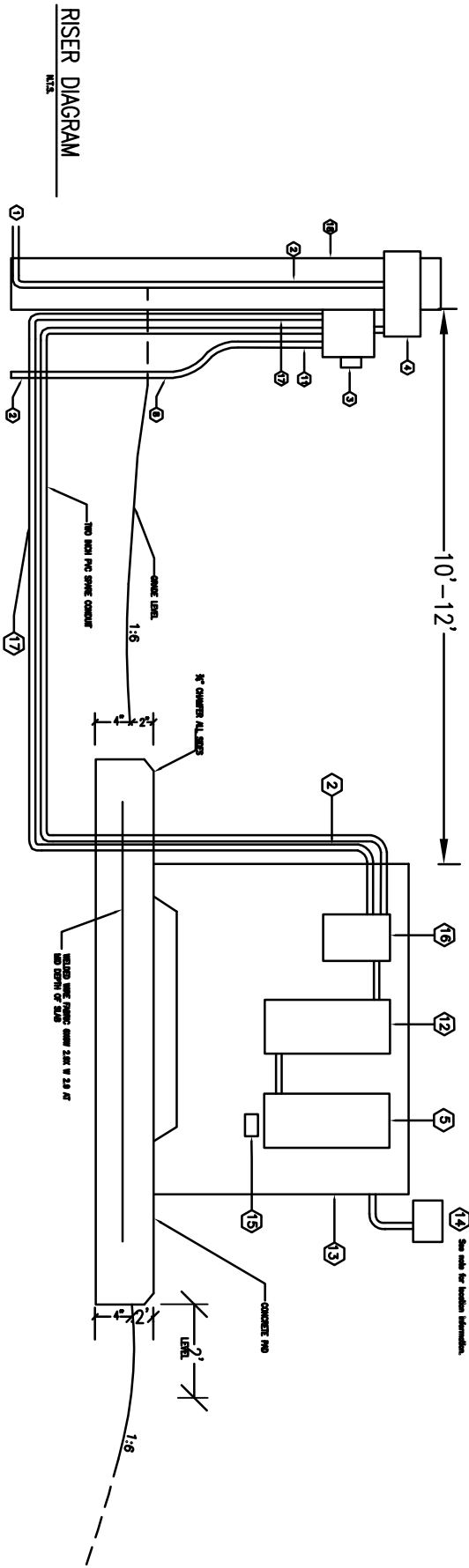
SURVEY

E-100

PANEL A – TO BE COMPLETED AT 90%



ONE LINE DIAGRAM SERVICE POINT DETAIL



RISER DIAGRAM

[illegible]

BAGDAD MILL SITE PARK

ELECTRICAL DETAILS

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Pensacola, FL 32504-6968 Tel: +1(850) 478 9844
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SCALE:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
APPROVED BY:	
DRAWING NUMBER	
PROJECT NUMBER	100018518
SURVEY NUMBER	

EP&P
ENGINEERING & PLANNING
RESOURCES, P.C.

Civil • Stormwater • Traffic • Transportation
418 W. Garden Street, Suite 307
Pensacola, Florida
32502 • (850) 471-9579