

**RESOLUTION APPROVING A PROPOSAL FOR AN  
APPROVED PRIVATE ROAD BRIDGE STANDARD  
FOR THE RIVER RUN RESIDENTIAL PLANNED COMMUNITY**

WHEREAS, the County Commissioners of Worcester County, Maryland received a request from Lew Meltzer and Dane Bauer on behalf of River Run Development Associates, LLC for approval of a certain proposed bridge construction standard for a bridge to provide access to Eagle Island within the River Run Residential Planned Community (RPC) and serve five residential lots within the RPC, said bridge construction standards shown on the plan attached hereto and made a part hereof; said River Run RPC located to the north of Beauchamp Road, east of MD Route 589, in Worcester County, Maryland; and

WHEREAS, in accordance with the provisions of § Section ZS 1-123 (Approved private roads) of the Zoning and Subdivision Control Article of the Code of Public Local Laws of Worcester County, Maryland, the Worcester County Planning Commission reviewed and favorably recommended approval of the proposed Eagle Island bridge construction standard at its meeting of January 5, 2017 subject to certain conditions; and

WHEREAS, the County Commissioners reviewed the request at their meeting of January 17, 2017 and considered its relationship to existing and planned public roads of the County; the nature of the area to be served by the road; the desirability or necessity of public access to the areas to be served by the road; whether or not the construction and maintenance of the bridge is financially feasible; the proposed construction and maintenance standards; and the proposed maintenance plan and find that the use of the Approved Private Roads and bridges in this situation is warranted.

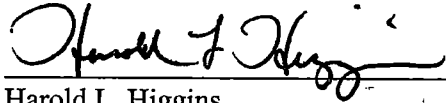
NOW, THEREFORE, BE IT RESOLVED by the County Commissioners of Worcester County, Maryland that the request for the establishment of the Eagle Island bridge construction standard proposed by Lew Meltzer and Dane Bauer on behalf of River Run Development Associates, LLC as described herein is hereby approved subject to the following conditions:

- 1) Annual or biennial bridge inspections shall be provided to ensure the safety of the residents and public accessing the bridge; and
- 2) The bridge construction standard and any deed of covenants or other pertinent legal document shall address the following:
  - a. The fire department access road shall have an unobstructed vertical clearance of not less than 13 feet, 6 inches.
  - b. The fire department access road shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an all-weather driving surface.
  - c. The turning radius shall be sized to allow access for fire apparatus.
  - d. When a bridge is required to be used as part of a fire department access road, it shall be constructed and maintained in accordance with a nationally recognized standard.
  - e. The bridge shall be designed for a live load sufficient to carry the imposed loads of fire apparatus.
  - f. Vehicle load limits shall be posted at both entrances to the bridge.

AND, BE IT FURTHER RESOLVED that this Resolution shall take effect upon its passage.

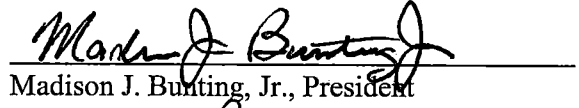
PASSED AND ADOPTED this 17<sup>th</sup> day of January, 2017.

ATTEST:

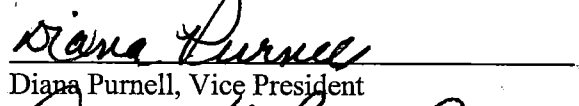


Harold L. Higgins  
Chief Administrative Officer

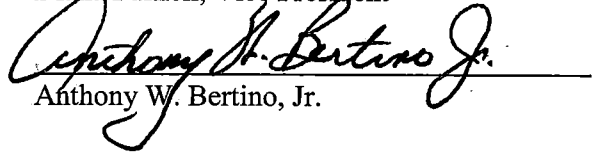
COUNTY COMMISSIONERS OF  
WORCESTER COUNTY, MARYLAND



Madison J. Bunting, Jr., President

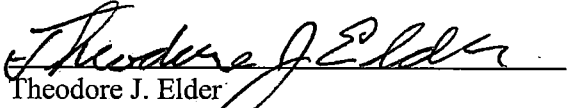


Diana Purnell, Vice President

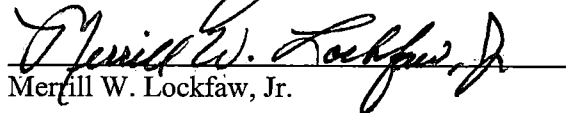


Anthony W. Bertino, Jr.

James C. Church



Theodore J. Elder



Merrill W. Lockfaw, Jr.

**Absent**

Joseph M. Mitrecic

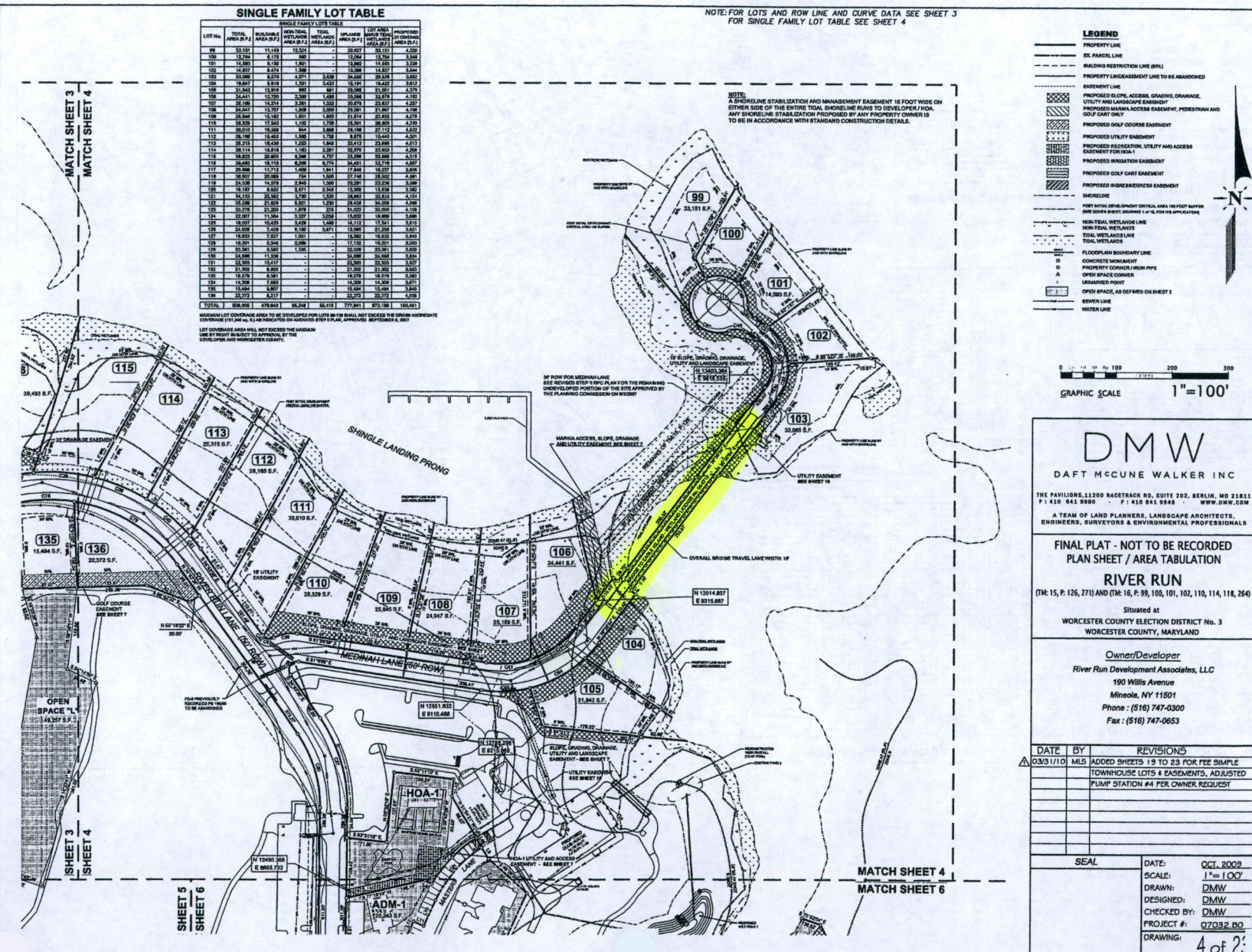


**SINGLE FAMILY LOT TABLE**

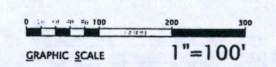
LOT No.	TOTAL AREA (S.F.)	RESIDUAL AREA (S.F.)	WETLANDS AREA (S.F.)	TOTAL WETLANDS AREA (S.F.)	UN-ASSIGNED WETLANDS AREA (S.F.)	PROPOSED WETLANDS AREA (S.F.)	PROPOSED TOTAL WETLANDS AREA (S.F.)
98	35,151	14,743	12,524	-	29,927	25,151	4,524
99	13,754	8,173	681	-	13,554	13,754	2,585
100	14,580	8,180	1,801	-	13,981	14,580	3,238
101	12,077	8,475	1,588	-	12,063	12,077	2,564
102	33,286	8,870	4,971	3,320	24,666	29,230	3,263
103	18,867	8,878	1,291	5,452	18,197	18,867	2,912
104	21,842	13,910	683	881	20,084	21,842	4,379
105	24,441	12,700	2,380	1,488	20,568	23,870	4,182
106	25,186	12,613	2,381	1,532	20,873	25,186	2,987
107	24,247	13,757	1,808	2,682	20,247	21,847	4,198
108	25,446	13,767	1,808	1,807	21,874	25,446	2,724
109	38,320	17,540	1,432	1,728	28,247	38,320	4,291
110	26,910	16,840	684	2,686	24,108	27,712	4,622
111	28,186	18,402	1,588	1,728	28,875	28,440	4,201
112	28,375	18,400	1,283	1,840	28,913	28,981	4,211
113	28,114	18,813	1,182	2,281	29,276	29,833	4,208
114	28,252	18,809	8,388	1,722	27,296	28,888	4,213
115	34,680	18,110	8,208	6,774	24,451	33,718	4,887
116	28,588	17,171	1,888	1,841	17,848	18,217	2,688
117	28,907	18,788	1,281	1,502	17,788	18,282	4,281
118	24,528	14,870	2,888	1,500	20,281	22,288	3,288
119	18,187	8,841	8,411	3,281	13,588	13,588	3,282
120	34,120	22,540	2,780	1,280	28,840	32,610	4,121
121	28,188	18,280	8,401	1,281	28,840	28,280	4,288
122	35,278	21,280	1,878	2,281	31,222	33,002	4,128
123	22,007	12,548	3,287	2,288	18,402	18,402	3,288
124	19,037	10,453	3,428	1,888	18,112	17,541	3,213
125	28,258	2,428	8,281	3,281	12,281	12,281	2,821
126	18,833	7,837	1,281	-	18,362	18,333	2,843
127	28,186	1,281	2,281	-	11,281	11,281	2,281
128	25,281	1,281	1,281	-	11,281	11,281	2,281
129	22,688	11,281	-	-	24,688	24,688	3,281
130	22,688	11,281	-	-	24,688	24,688	3,281
131	21,280	8,281	-	-	21,280	21,280	3,281
132	18,128	4,281	-	-	18,128	18,128	3,281
133	14,280	7,837	-	-	14,280	14,280	3,271
134	18,441	8,841	-	-	18,441	18,441	3,441
135	25,272	8,117	-	-	22,272	22,272	4,272
TOTAL	628,808	478,841	58,288	48,118	771,841	872,188	105,412

NOTE: FOR LOTS AND ROW LINE AND CURVE DATA SEE SHEET 3  
FOR SINGLE FAMILY LOT TABLE SEE SHEET 4

NOTE:  
A SHORELINE STABILIZATION AND MANAGEMENT EASEMENT IS FIFTY FOOT WIDE ON EITHER SIDE OF THE ENTIRE TOTAL SHORELINE RUNS TO DEVELOPER/HOA. ANY SHORELINE STABILIZATION PROPOSED BY ANY PROPERTY OWNER IS TO BE IN ACCORDANCE WITH STANDARD CONSTRUCTION DETAILS.



- LEGEND**
- PROPERTY LINE
  - EC PARCEL LINE
  - BOUNDARY RESTRICTION LINE (BRL)
  - PROPERTY LINE/EASEMENT LINE TO BE MAINTAINED
  - EASEMENT LINE
  - PROPOSED SLOPE, ACCESS, DRAINAGE, UTILITY AND LANDSCAPE EASEMENT
  - PROPOSED MAINTENANCE ACCESS EASEMENT, PEDESTRIAN AND GOLF CART ONLY
  - PROPOSED GOLF COURSE EASEMENT
  - PROPOSED UTILITY EASEMENT
  - PROPOSED RECREATION, UTILITY AND ACCESS EASEMENT FOR HOA#1
  - PROPOSED IRIGATION EASEMENT
  - PROPOSED GOLF CART EASEMENT
  - PROPOSED HOME/DECK/EASEMENT
  - SHORELINE
  - HIGH WATER ELEVATION/SHORELINE (SEE CIVIL/MECH SHEET) SHOWN IN RED (SEE CIVIL/MECH SHEET) SHOWN IN BLUE FOR THE APPLICATION
  - NON-TOTAL WETLANDS LINE
  - TOTAL WETLANDS LINE
  - TOTAL WETLANDS
  - FLOODPLAIN BOUNDARY LINE
  - CONCRETE MONUMENT
  - PROPERTY CORNER FROM PIPE
  - OPEN SPACE CORNER
  - UNMARKED POINT
  - OPEN SPACE, AS DEFINED ON SHEET 2
  - SEWER LINE
  - WATER LINE



**DMW**  
DAFT MCCUNE WALKER INC

THE PAVILIONS, 11200 RADETRAC RD, SUITE 202, BERLIN, MD 21811  
P: 410 841 9980 F: 410 841 9948 WWW.DMW.COM

A TEAM OF LAND PLANNERS, LANDSCAPE ARCHITECTS,  
ENGINEERS, SURVEYORS & ENVIRONMENTAL PROFESSIONALS

**FINAL PLAT - NOT TO BE RECORDED  
PLAN SHEET / AREA TABULATION**

**RIVER RUN**  
(TM: 15, P: 126, 273) AND (TM: 16, P: 99, 100, 101, 102, 110, 114, 118, 264)

Situated at  
WORCESTER COUNTY ELECTION DISTRICT No. 3  
WORCESTER COUNTY, MARYLAND

**Owner/Developer**  
River Run Development Associates, LLC  
190 Willis Avenue  
Minola, NY 11501  
Phone: (516) 747-0300  
Fax: (516) 747-0653

DATE	BY	REVISIONS
03/31/10	ML5	ADDED SHEETS 19 TO 23 FOR FEE SIMPLE TOWNHOUSE LOTS & EASEMENTS, ADJUSTED PUMP STATION #4 PER OWNER REQUEST

SEAL

DATE: OCT. 2008  
SCALE: 1" = 100'  
DRAWN: DMW  
DESIGNED: DMW  
CHECKED BY: DMW  
PROJECT #: 07032\_BO  
DRAWING: 4 of 2



**GENERAL NOTES:**

- OWNER IS TO PROVIDE AN ADEQUATE AND SECURE STAGING AREA FOR MATERIALS AND EQUIPMENT NEAR EACH BRIDGE SITE. THIS AREA MUST BE ACCESSIBLE AND CONSTANT UNTIL THE BRIDGE IS COMPLETE.
- OWNER IS TO PROVIDE ADEQUATE ACCESS TO EACH WORK SITE FOR CONSTRUCTION MATERIALS AND EQUIPMENT PER YBC REQUIREMENTS. PROVISION OF ACCESS MAY INCLUDE REMOVAL OF VEGETATION, ROAD SHAPING, SCRAPING AND/OR APPLICATION OF GRAVEL TO SOLIDIFY ROAD SURFACE.
- OWNER IS TO VERIFY THAT ALL REQUIRED PERMITS ARE IN PLACE PRIOR TO YBC MOBILIZATION, AND TO PROVIDE YBC WITH A COPY OF ANY PERMIT(S) PERTINENT TO THE WORK DESCRIBED IN THE PROPOSAL.
- SITE PREPARATION AND COMPACTION FOR THE CONSTRUCTION OF ALL WORK MUST BE SUBSTANTIALLY COMPLETED ON THIS PROJECT PRIOR TO YBC MOBILIZATION TO ALLOW YBC IMMEDIATE COMMENCEMENT OF WORK UPON ARRIVAL AT JOBITE. ALL SITE WORK PREPARATION, EXCAVATION AND CLEANING ARE TO BE PERFORMED BY OTHERS. ALL BACK FILLING AND FINISH GRADING BY OTHERS.
- OWNER WILL CLEARLY MARK OR REMOVE ANY UTILITIES, SPRINKLER HEADS OR IRRIGATION LINES WITHIN 60' OF ALL AREAS WHERE CONSTRUCTION WILL OCCUR PRIOR TO YBC MOBILIZATION. YBC WILL NOT BE HELD LIABLE FOR DAMAGE TO ANY MARKED OR UNMARKED UTILITY OR IRRIGATION LINES IN THIS AREA.
- OWNER IS RESPONSIBLE FOR HAVING THE CENTERLINES AND OFFSETS LOCATED AND STAKED AND PROVIDING APPROPRIATE BENCHMARKS AND ELEVATIONS PRIOR TO YBC MOBILIZATION. DURING CONSTRUCTION YBC MAY REQUIRE ADDITIONAL CONSTRUCTION STAKING, WHICH WILL BE THE RESPONSIBILITY OF THE OWNER.
- YBC IS NOT RESPONSIBLE FOR ADEQUATE SITE DRAINAGE DURING CONSTRUCTION PHASE.
- OWNER IS REQUIRED TO INSPECT AND SIGN OFF FOR EACH BRIDGE SITE BOTH BEFORE AND AFTER CONSTRUCTION TO PROVIDE QUALITY ASSURANCE WHILE YBC IS ON SITE PRIOR TO DEMOBILIZATION.
- BRIDGE CONTRACTOR WILL PERFORM ALL WORK FROM DECK LEVEL WHERE APPLICABLE. ALL FOOT TRAFFIC WILL BE CONTAINED WITHIN SIX FEET FROM BRIDGE PATH.
- BRIDGE CONTRACTOR WILL CLEAN UP EACH BRIDGE SITE DAILY. SCRAP TO BE PLACED IN DUMPSTER TO BE PROVIDED BY YBC OR OTHERWISE SPECIFIED IN THE CONTRACT.
- OWNER IS RESPONSIBLE FOR POSTING LOAD LIMIT SIGNS AND/OR SPEED LIMIT SIGNS AT EACH END OF EACH BRIDGE.
- COMPLIANCE WITH ALL BUILDING CODES REGARDING ADA COMPLIANCE WILL BE THE RESPONSIBILITY OF THE OWNER. CONTINUOUS ADA METAL GUIDE RAILS IF REQUIRED ARE TO BE INSTALLED BY OTHERS.
- ALL UTILITY LINES, PIPES, CONDUIT OR OTHER LINES TO BE ATTACHED TO THE BRIDGE WILL BE INSTALLED BY OTHERS AFTER BRIDGE COMPLETION. ALL PIPE HANGER DESIGNS WILL BE BY OTHERS.
- ALL YBC BRIDGES WILL NOT BE ABLE TO BE UTILIZED BY ANYONE OTHER THAN YBC PERSONNEL UNTIL THEY ARE INDIVIDUALLY SIGNED OFF BY A CERTIFIED REPRESENTATIVE OF THE OWNER.
- IF THE INFORMATION OF THE 100-YEAR FLOOD ELEVATION FURNISHED BY CLIENT ENGINEER DOES NOT MEET YBC CRITERIA OF 12 INCHES ABOVE FLOOD PLAIN FOR THIS DESIGN, YBC RECOMMENDS THAT THE ELEVATION OF THE BOTTOM OF THE LOWEST BRIDGE STRINGER TO BE PLACED AT A MINIMUM OF 12 INCHES ABOVE THE 100-YEAR FLOOD ELEVATION.
- APPROVAL OF THE ATTACHED DRAWINGS HEREBY GIVES YORK BRIDGE CONCEPTS, INC. NOTICE TO PROCEED TO ORDER AND PROCURE MATERIALS LISTED ON THE BILL OF MATERIALS ATTACHED. SHOULD CONSTRUCTION SCHEDULING NOT OCCUR WITHIN 90 CALENDAR MONTHS FROM THE DATE OF APPROVAL, OWNER MAY BE RESPONSIBLE FOR ADDITIONAL STORAGE, FUEL AND/OR FREIGHT FEES THAT WILL BE REVIEWED AND ASSESSED ACCORDINGLY.

**TIMBER BRIDGE PROJECT NOTES:**

- UNLESS OTHERWISE SPECIFIED, ALL SAWN LUMBER SHALL BE SOUTHERN YELLOW PINE UNDER THE SOUTHERN PINE INSPECTION BUREAU (SPIB) RULES.
- UNLESS OTHERWISE SPECIFIED, ALL SAWN LUMBER SHALL BE GRADE NO. 2, S4S (SURFACED FOUR SIDES). PILE CAP TO BE ROUGH SAWN.
- UNLESS OTHERWISE SPECIFIED, ALL SAWN LUMBER SHALL BE PRESSURE TREATED WITH CCA ON TIMBERS DENOTED BY YBC AND REFLECTED ON THE BILL OF MATERIALS OR WITH ACO. RETENTION LEVELS SHALL BE DEFINED IN DESIGN PLANS. PRESSURE TREATMENT SHALL BE IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) STANDARDS P3-03 AND P2-08. ALL LUMBER AND TIMBERS SHALL BE PRESSURE IMPREGNATED UNDER AWPA STANDARDS C1-90, C2-90, C14-90, AND C18-90 WHERE APPLICABLE.
- ALL SAWCUTS, DRILLED HOLES OR OTHER PENETRATIONS (EXCEPT PILE SPICES) SHALL BE TREATED WITH CCA SOLUTION PRIOR TO INSTALLING HARDWARE, BOLTS OR OTHER BRIDGE MEMBERS OR DEVICES.
- UNLESS OTHERWISE SPECIFIED, TIMBER FILES SHALL BE SOUTHERN YELLOW PINE CONFORMING TO ASTM STANDARD D-26 (LATEST EDITION) FOR QUALITY. SPECIFICATION FOR SIZE SHALL BE 1 INCH TAPER IN 10 LINEAR FEET.
- ALL PILING SHALL BE PRESSURE IMPREGNATED UNDER AWPA STANDARDS C1-90, C2-90, C14-90, AND C18-90 WHERE APPLICABLE.
- HARDWARE THAT IS TO BE STAINLESS STEEL WILL BE SPECIFIED ON THE DRAWINGS.
- WEAR-DECKING SHALL BE ATTACHED WITH 304 STAINLESS STEEL OR BETTER SCREWS RECESSED AT A MINIMUM OF 1/4 INCH BELOW DECK SURFACE.
- ALL DECK SCREWS NOT BELOW MINIMUM DEPTH SHALL BE DRIVEN BELOW DECK SURFACE WITH A YBC-APPROVED STEEL PUNCH.
- HAND LAUNDRING AND WAXING ARE NOT APPROVED PILE INSTALLATION METHODS.
- PILES ARE REQUIRED TO BE DRIVEN TO REFUSAL AS NOTED ON THE DRAWINGS PER CONTRACT. REFUSAL SHALL BE DEFINED AS AN INSERTION RATE OF 2 INCH PER MINUTE. IF THE SOIL CONDITIONS WARRANT ADDITIONAL DRIVING AT THE DIRECTION OF THE ENGINEER, THE PROJECT MANAGER AND/OR THE FOREMAN IN THE FIELD MAY CONTINUE TO APPLY LOAD ON THE PILE UNTIL THERE IS NOT ANY ADDITIONAL MOVEMENT. IN THE EVENT OF PREMATURE REFUSAL YBC ENGINEER WILL BE CONSULTED.
- UPON ENCOUNTERING DENSE SOIL OR OTHER SIMILAR SOIL CONDITIONS THAT PREVENT DRIVING PILING, THE LAUNCHING METHOD MAY BE UTILIZED TO ASSIST WITH PILE DRIVING EQUIPMENT.
- PILING SHALL BE DRIVEN WITH NPK C6 UNLESS HARD SOIL OR ROCK IS ENCOUNTERED.
- ADJUSTMENTS WILL HAVE MIRAFI 500K NEEDLE PUNCHED, NON-WOVEN GEOTEXTILE, OR EQUAL.
- ALL BOLT CONNECTIONS TO HAVE LOCK WASHERS.
- WE ARE PROVIDING A WOOD DECK IN THIS PROJECT IN ACCORDANCE WITH THE SPECIFICATIONS AND/OR CONTRACT DOCUMENTS. BE AWARE THAT MOST PEDESTRIAN LIABILITY CLAIMS ARE DUE TO SLIP AND FALL CLAIMS. IT IS THE RESPONSIBILITY OF THE OWNER TO KEEP THE DECK FREE FROM SLIP OR TRIP HAZARDS DUE TO CURBS, SPLITS, CAPS AND SMOOTH SURFACES.

**CONFIDENTIALITY NOTE:**

PLEASE NOTE ALL YBC DESIGNS / DRAWINGS / SPECIFICATIONS AND ASSOCIATED DOCUMENTS ARE HIGHLY CONFIDENTIAL AND INCLUDE TRADE SECRET INFORMATION. THESE AND ASSOCIATED DOCUMENTS ARE TO BE USED FOR THE SOLE PURPOSE OF ELABORATING THE MANAGER IN WHICH YBC WILL CONSTRUCT THE PROJECT. AT NO TIME ARE THESE OR ASSOCIATED DOCUMENTS TO BE COPIED, DUPLICATED, REPRODUCED OR USED FOR ANY OTHER PURPOSE OTHER THAN ORDERED BY THE AUTHOR WITHOUT PERMISSION FROM THE CEO OF YBC. THESE DESIGNS / DRAWINGS / SPECIFICATIONS ARE NOT INTENDED FOR CONSTRUCTION BY OTHERS. BY RECEIVING THESE DESIGNS / DRAWINGS / SPECIFICATIONS AND ANY ASSOCIATED DOCUMENTS YOU ARE IMPARTING THAT AS A DULY AUTHORIZED AGENT OF YOUR COMPANY, YOU ARE AGREEING NOT TO USE OR DISTRIBUTE THE ENCLOSED DESIGNS / DRAWINGS / SPECS FOR ANY PURPOSE OUTSIDE OF YBC'S DESIGN.

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**STRUCTURAL RELIABILITY:**

THIS PROJECT HAS BEEN DESIGNED BY UTILIZING YBC'S STANDARD DESIGNS TO PROVIDE FOR STRUCTURAL CAPACITY AS STATED ON THE DRAWINGS. THE STRUCTURAL CAPACITY WAS DESIGNED WITH THE FOLLOWING ITEMS TAKEN INTO CONSIDERATION: LOADING/CAPACITY OF COMPONENTS, WIND LOAD/WLIFT AND STANDARD SOIL. ITEMS COVERED IN THE "YES" BOX BELOW HAVE BEEN TAKEN INTO CONSIDERATION IN DESIGNING THIS PROJECT.

DESCRIPTION	INCLUDED		
100-YEAR FLOOD ELEVATION	<input type="checkbox"/>	YES	<input type="checkbox"/>
FLY ASHES AGAINST BRIDGE STRUCTURE	<input type="checkbox"/>	YES	<input type="checkbox"/>
SCOUR	<input type="checkbox"/>	YES	<input type="checkbox"/>
IRRIGATION & UTILITY PIPES	<input type="checkbox"/>	YES	<input type="checkbox"/>
SOILS REPORT	<input type="checkbox"/>	YES	<input type="checkbox"/>
BRIDGE COMPLEX WITH ADA GRADE REQUIREMENTS	<input type="checkbox"/>	YES	<input type="checkbox"/>

THIS PROJECT HAS NOT BEEN DESIGNED SPECIFICALLY FOR (AND YBC'S WARRANTY DOES NOT COVER) NATURAL DISASTERS, FLOODING, WATER VELOCITY, EROSION, SECTOR, EXPANSIVE SOIL, FEAT ROCK, ROCK OR UTILITY/OCCUPATION LINES AND THE INSTALLATION THEREOF.

**YORK**  
**BRIDGE CONCEPTS**  
The Professional Bridge Company  
2400 Emerald Trace  
Lak, FL 33558

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**RIVER RUN PROJECT**  
WORCESTER COUNTY, MA

DESIGNED LOADING:  
HS-20/44 (Deflection L/500)  
TIMBER VEHICULAR BRIDGE

General Notes

No.	Revised/Issue	Date

Project No. 200030  
Drawn by: CLAUDIA BIREM  
Date: 04/05/2010  
Sheet: AS NOTED

01

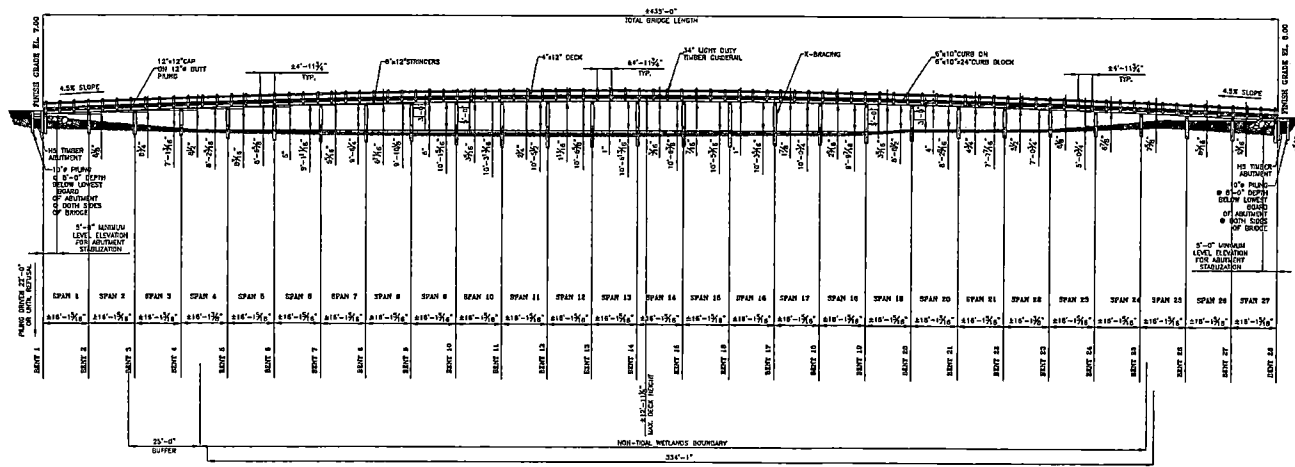
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River Run 24435 - 200030.dwg  
1/15/2004



River Run 24x338 - 2080339.dwg

1/15/2004



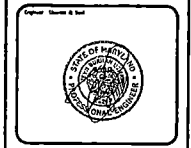
**BRIDGE - ELEVATION**  
 Scale: 1/8" = 1'-0"

**YORK**  
**BRIDGE CONCEPTS**  
 The Professional Bridge Company  
 2420 Brunello Trace  
 Lutz, FL 33558

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**RIVER RUN PROJECT**  
 WORCESTER COUNTY, MD

DESIGNED LOADING:  
 HS-20(44 (Deflection L/500)  
 TRUCKER VEHICULAR BRIDGE



General notes

No.	Revision/Date	Date

Project No. 205032  
 Drawn by CLAUDIA BREW  
 Date 04/05/2010  
 Scale AS NOTED

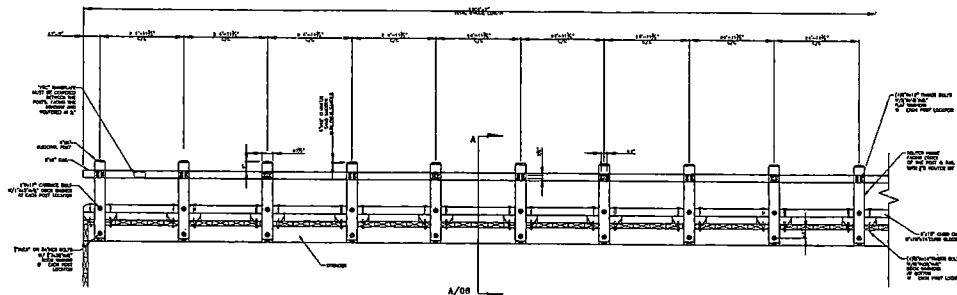
**03**

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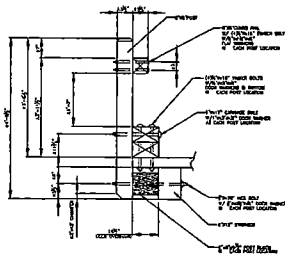




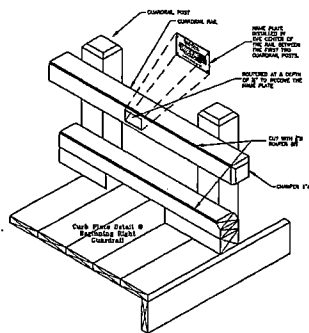
River Run 2x4x36 - 1 - 20180309.dwg 1/15/2014



**BRIDGE - GUIDERAIL POST ELEVATION**  
 Scale:  $\frac{3}{8}'' = 1'-0''$



**BRIDGE - GUIDERAIL POST DETAIL**  
 06 Scale:  $\frac{3}{4}'' = 1'-0''$



**YORK BRIDGE PLATE**  
 Scale: N.T.S.

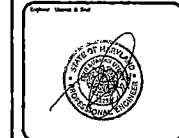
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York Bridge Concepts  
**YORK BRIDGE CONCEPTS**  
 The Professional Bridge Company  
 2420 Escalante Trace  
 Lutz, FL 33558

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**RIVER RUN PROJECT**  
 WORCESTER COUNTY, MD

DESIGNED LOADINGS:  
 HS-20/44 (Deflection L/500)  
 TIMBER VEHICULAR BRIDGE



General Notes

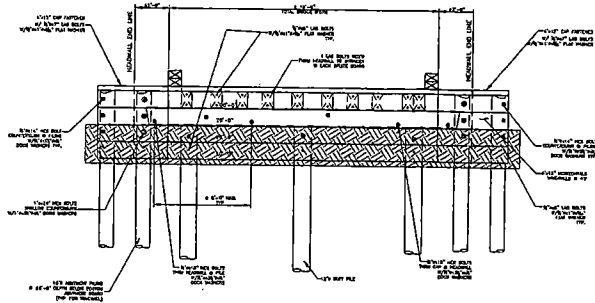
No.	Revised/Issue	Date

Project No. 208012  
 Drawn by CLAUDIA BREM  
 Date 04/05/2010  
 Scale AS NOTED

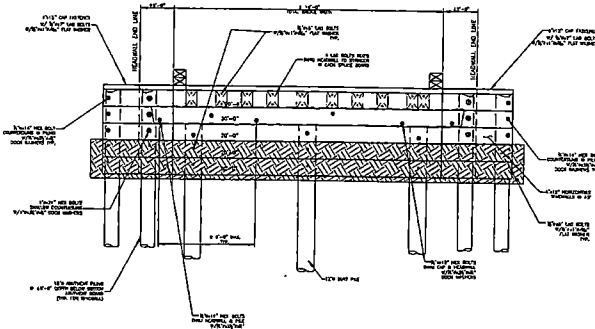
Sheet 06

River Run 24x35 - 208039.dwg

1/15/2004



**BRIDGE - H4 ABUTMENT ELEVATION**  
 Scale:  $\frac{3}{8}" = 1'-0"$



**BRIDGE - H5 ABUTMENT ELEVATION**  
 Scale:  $\frac{3}{8}" = 1'-0"$

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 The Professional Bridge Company  
 2400 Bernardo Trace  
 Lutz, FL 33558

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Project Name and Address  
**RIVER RUN PROJECT**  
 WORCESTER COUNTY, MD

DESIGNED LOADING:  
 HS-20/44 (Deflection L/500)  
 TIMBER VEHICULAR BRIDGE

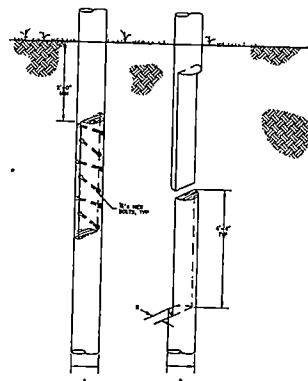
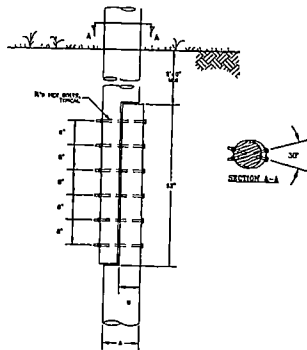
Professional Seal

General Notes

No.	Revisions/Issue	Date

Project No. 208039 Sheet  
 Drawn by CLAUDIA BREM  
 Date 04/25/2010  
 Title 07  
 Note AS NOTED

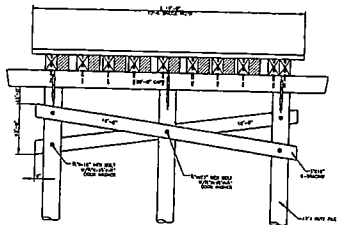




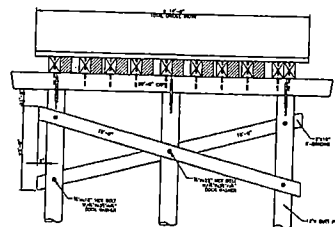
**VEHICULAR PILE SPICING DETAILS**  
Scale: N.T.S.

PILE CAP	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

NOTE: BRIDGE DEPTH TO BE DETERMINED BY CIVIL CONTRACTOR AND CALCULATED ACCORDINGLY.



**BRIDGE - 3 FEET X-BRACING DETAIL**  
Scale:  $\frac{3}{8}$ " = 1'-0"



**BRIDGE - 5 FEET X-BRACING DETAIL**  
Scale:  $\frac{3}{8}$ " = 1'-0"

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Lutz, FL 33558

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**RIVER RUN PROJECT**  
WORCESTER COUNTY, MD

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DESIGNED LOADING:  
HS-20-44 (Deflection L2500)  
TIMBER VEHICULAR BRIDGE

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YORK BRIDGE CONCEPTS, INC.

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General Notes

No.	Revision/Issue	Date

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<p style="font-size: x-small;">Project No. 208002</p> <p style="font-size: x-small;">Drawn by CLAUDIA BREM</p> <p style="font-size: x-small;">Date 04/05/2010</p> <p style="font-size: x-small;">AS NOTED</p>	<p style="font-size: 2em; font-weight: bold;">09</p>
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1/15/2004 River Run 24K25 - 2080013.dwg