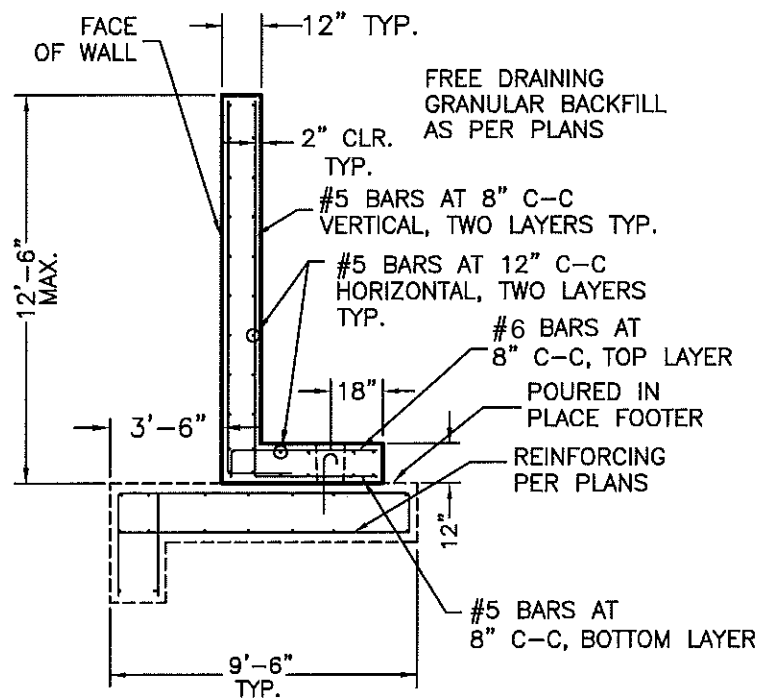
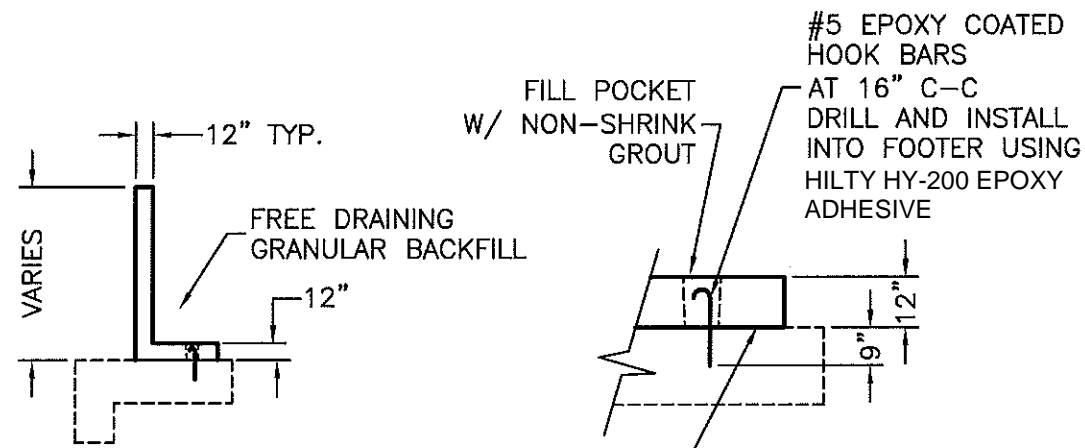


**PLAN VIEW**

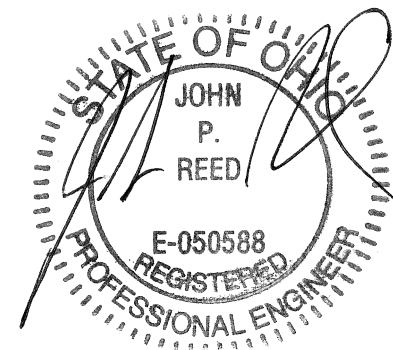
(C.I.P. FOOTINGS NOT SHOWN)



**SECTION VIEW**



**SECTION VIEW**



**NOTES:**

1. REINFORCED PRECAST CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS
2. REINFORCING SHALL HAVE A MINIMUM YIELD STRENGTH OF 65,000 PSI AND CONFORM TO ASTM A1064 OR ASTM A615
3. CULVERT SECTIONS DESIGNED PER HL-93 LOADING WITH 0.06 KIPS/SQ. FT. FWS, 0' TO 3' EARTH COVER AND O.D.O.T. SPEC. TYPE A, 706.05
4. APPROX. WEIGHT OF HEAVIEST CULVERT SECTION = 51,000 LBS.
5. EPOXY REINFORCING BARS SHALL HAVE A MINIMUM YIELD STRENGTH 60,000 PSI & CONFORM TO ASTM A615
6. CAST IN PLACE FOOTERS TO BE AS PER PLAN DWGS.

**12' X 9' BOX CULVERT w/WINGWALLS  
HAM-71-6.86**

**PROJ. 180118**

DRAWN BY: EJG	SCALE: NTS	DRAWING NO.:
DATE: 8/1/18	REV:	CV37920A

**MACK INDUSTRIES, INC.**

201 COLUMBIA ROAD, VALLEY CITY, OHIO 44280

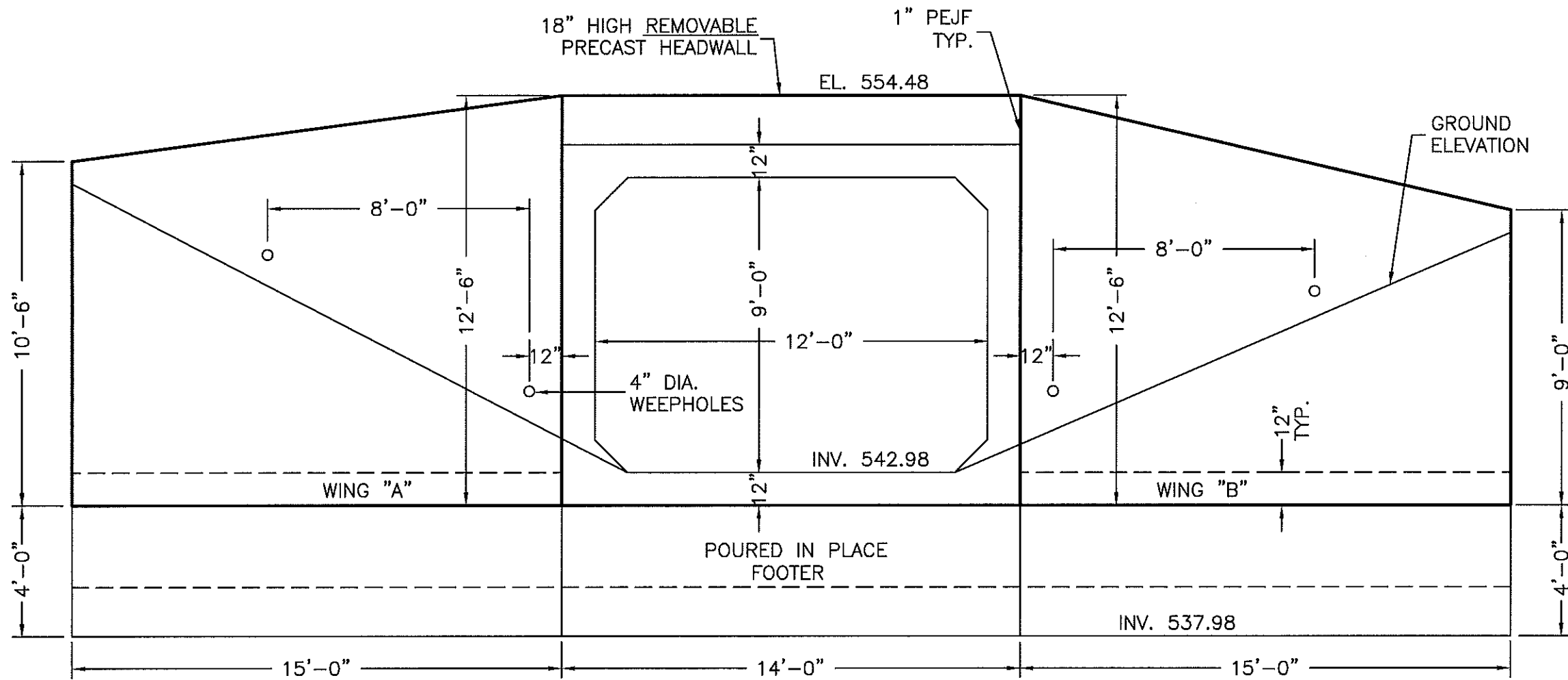
(330) 483-3111

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**PROJECT INFORMATION**

PROJECT NUMBER.....180118  
PID.....91826  
STRUCTURE NUMBER.....HAM-71-0868

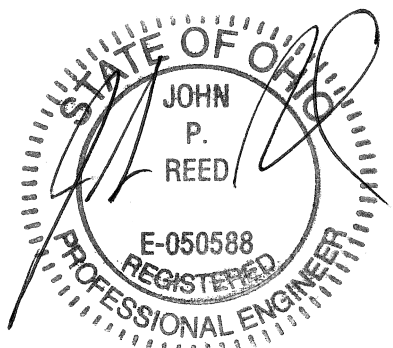
STRUCTURE LOCATION..... | 71 STA. 413+24.40  
STRUCTURE FILE NUMBER.....3115275



**OUTLET WINGWALL ELEVATION**

**NOTES:**

1. REINFORCED PRECAST CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 PSI AT 28 DAYS
2. REINFORCING SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI AND CONFORM TO ASTM A615, AND BE EPOXY COATED
3. HEAVIEST WINGWALL LIFT = 33,000 LBS.



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<b>12' X 9' BOX CULVERT w/WINGWALLS HAM-71-6.86</b>		
<b>PROJ. 180118</b>		
DRAWN BY: EJG	SCALE: NTS	DRAWING NO.: CV37920A
DATE: 8/1/18	REV:	
<b>MACK INDUSTRIES, INC.</b>		
201 COLUMBIA ROAD, VALLEY CITY, OHIO 44280		(330) 483-3111

**PROJECT INFORMATION**

PROJECT NUMBER.....180118  
 PID.....91826  
 STRUCTURE LOCATION..... I 71 STA. 413+24.40  
 STRUCTURE NUMBER.....HAM-71-0868  
 STRUCTURE FILE NUMBER.....3115275