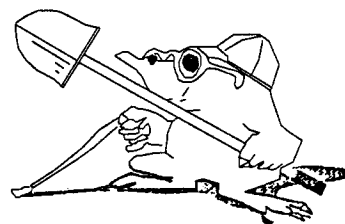


8826 West County Road 175 South
French Lick, IN 47432
812-639-0351
dbtarr@yahoo.com

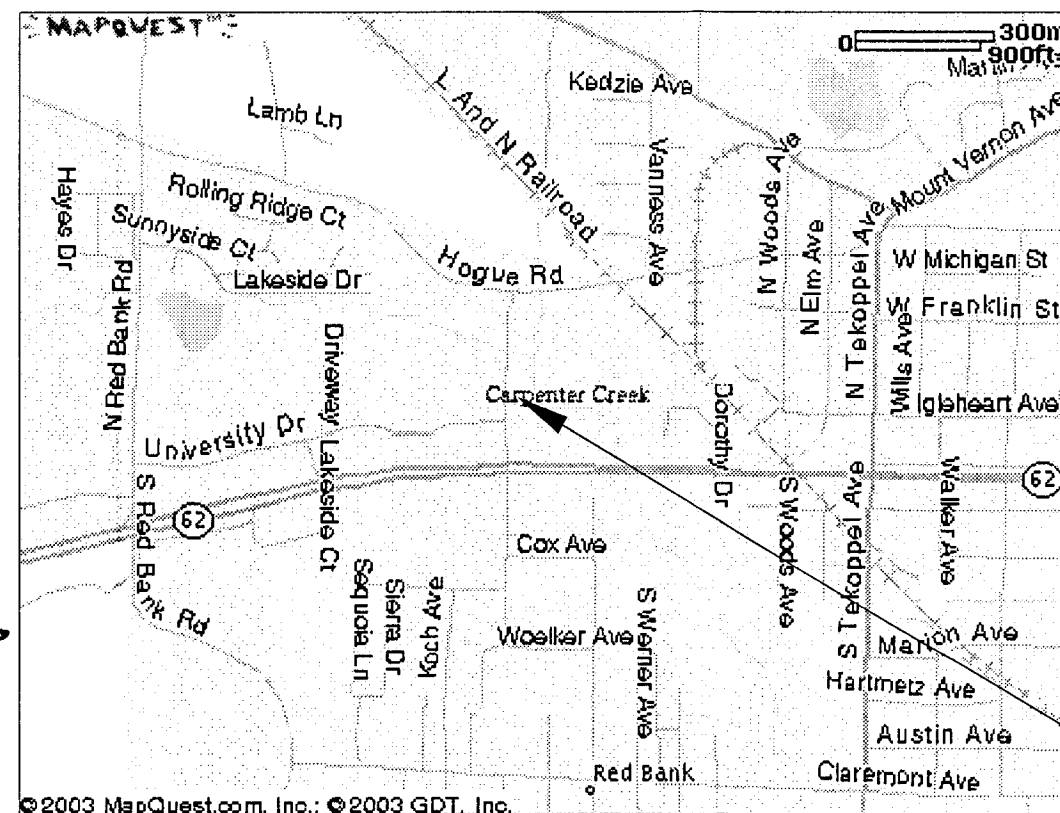
East / West Un-Named Tributary 142" x 91" Corrugated Metal Pipe

North Rosenberger Avenue
Evansville, IN

HOLEY MOLEY SAYS
"DON'T DIG
BLIND"

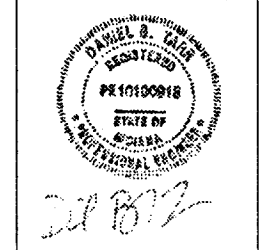


CALL TOLL FREE
1-800-382-5544
FOR CALLS OUTSIDE OF INDIANA
TWO WORKING DAYS PLEASE
LOCATION: BEDFORD, INDIANA



Project Location

DBTARR & ASSOCIATES



COVER SHEET
2 APRIL 2005
SHEET 0

RECEIVED BY THE
VANDERBURGH COUNTY
SURVEYOR'S OFFICE
2 Apr 4-14-05

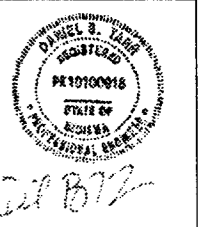
DRAWING INDEX

SHEET	SHEET TITLE
0	COVER SHEET
P1	WEST PIPE STRUCTURE PLAN
P2	END WALLS 200 & 202
P3	END WALLS 200 & 202 DETAILS
P4	END WALL 204
P5	END WALL 204 DETAILS

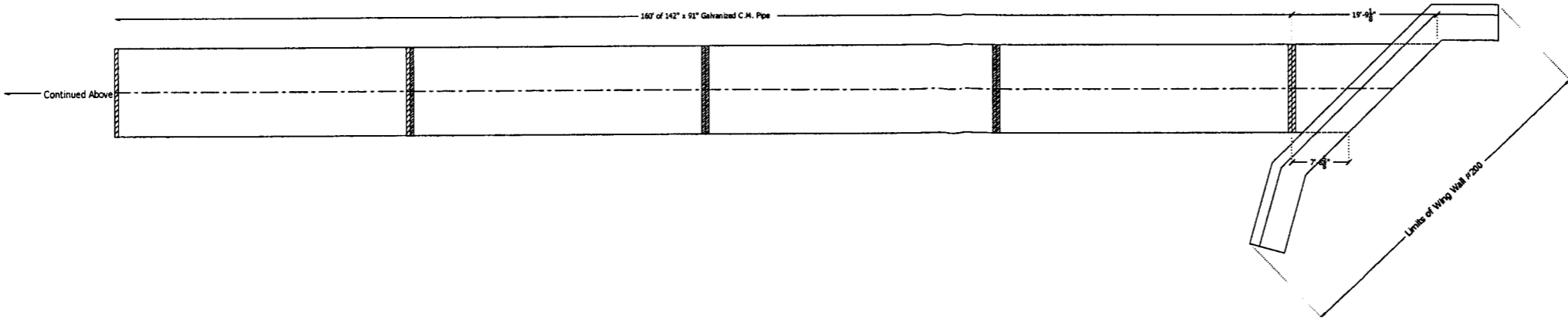
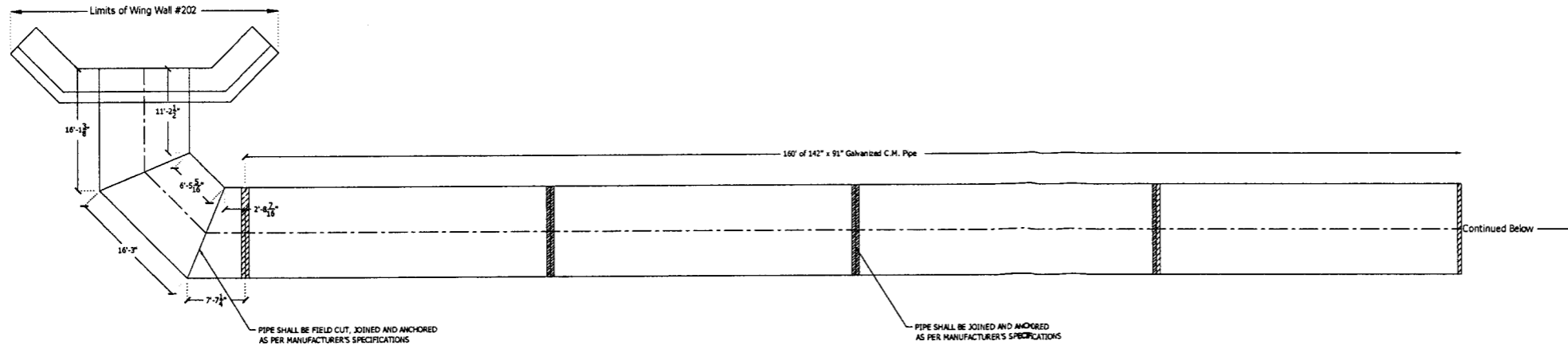
- NOTES:
1. SITE PLAN BY OTHERS. ELEVATIONS AND LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO STARTING ANY WORK.
 2. THE INSIDE DIAMETER OF BEND MEASURED ON THE INSIDE OF THE BAR SHALL BE 6 TIMES THE BAR DIAMETER.
 3. ANY CHANGES IN FIELD CONDITIONS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY.
 4. ALL REINFORCING STEEL SHALL BE EPOXY COATED.
 5. REINFORCING STEEL SHALL BE A MINIMUM COVER OF 2" IN ALL OTHER PARTS UNLESS NOTED OTHERWISE.
 6. THE MINIMUM SPACING CENTER TO CENTER OF PARALLEL BARS SHALL BE 2½ TIMES THE DIAMETER OF THE BAR. HOWEVER THE CLEAR DISTANCE BETWEEN THE BARS SHALL NOT BE LESS THAN 1½ TIMES THE MAXIMUM SIZE OF THE COARSE AGGREGATE OR 1½ INCHES, WHICHEVER IS GREATER.
 7. ALL REINFORCEMENT SHALL BE TIED AT ALL INTERSECTIONS EXCEPT WHERE SPACING IS LESS THAN 1 FOOT IN EACH DIRECTION, IN WHICH CASE ALTERNATE INTERSECTIONS SHALL BE TIED.
 8. UNLESS OTHERWISE NOTED, SPLICES IN ADJACENT LINES OF REINFORCING BARS SHALL BE STAGGERED. THE MINIMUM DISTANCE BETWEEN STAGGERED SPLICES FOR REINFORCING BARS SHALL BE THE LENGTH REQUIRED FOR A LAPPED SPLICE IN THE BAR.
 9. THE ENGINEER SHALL BE NOTIFIED 48 HOURS PRIOR TO STARTING ALL CONSTRUCTION OPERATIONS.
 10. ALL DIMENSIONS SHALL BE FIELD VERIFIED.
 11. ALL REBAR SHALL BE CHECKED FOR THE ACCURACY OF DIMENSIONS AND PLACEMENT PRIOR TO ORDERING.
 12. ALL STANDARD CONSTRUCTIONS PRACTICES SHALL BE FOLLOWED.
 13. ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES AND REGULATIONS SHALL BE FOLLOWED.

131 The Woods
Bedford, IN 47421
812-275-7577
dbtarr@insightbb.com

DB TARR & ASSOCIATES



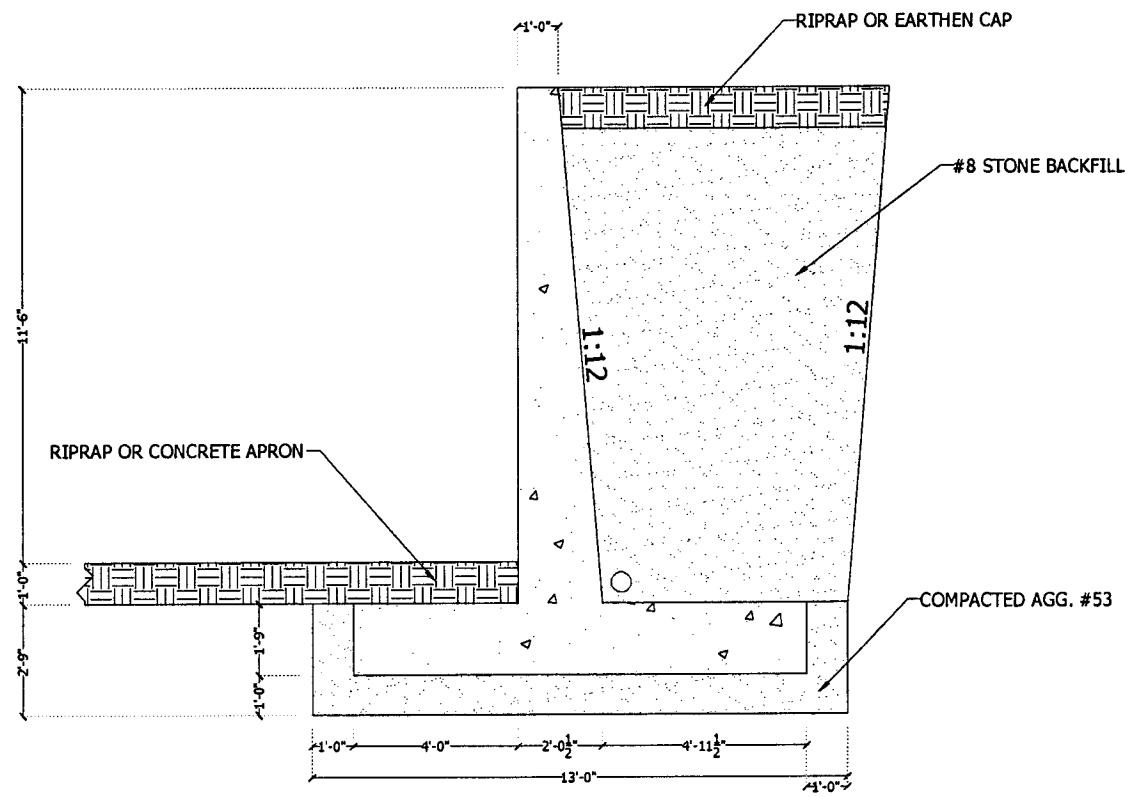
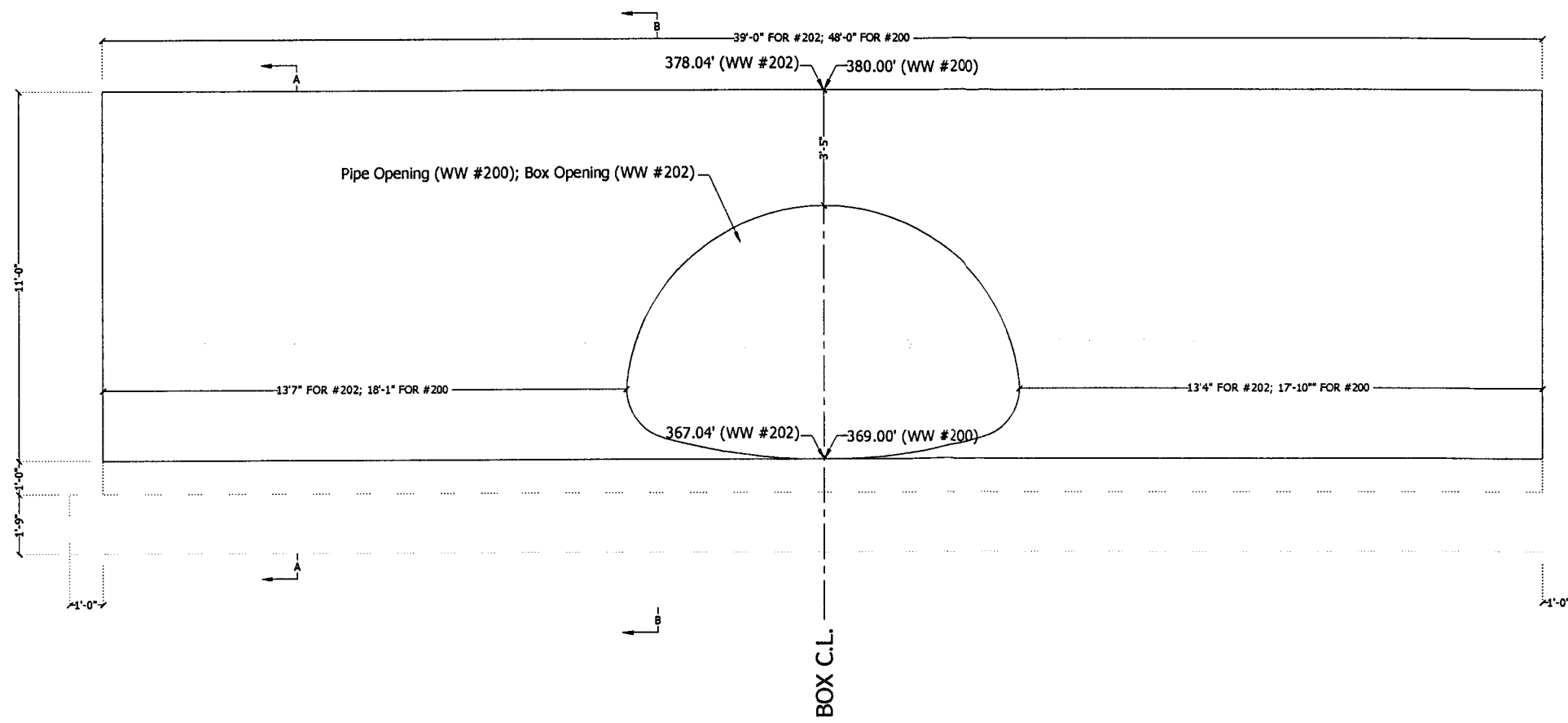
PIPE PLAN
2 APRIL 2005
SHEET P1



SCALE 1" = 10'

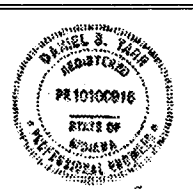
131 The Woods
Bedford, IN 47421
812-275-7577
dbtarr@insightbb.com

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NOTES:

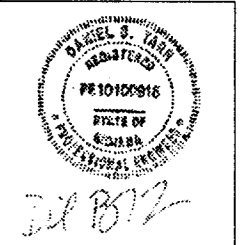
1. ALL MEASUREMENTS SHALL BE FIELD VERIFIED.



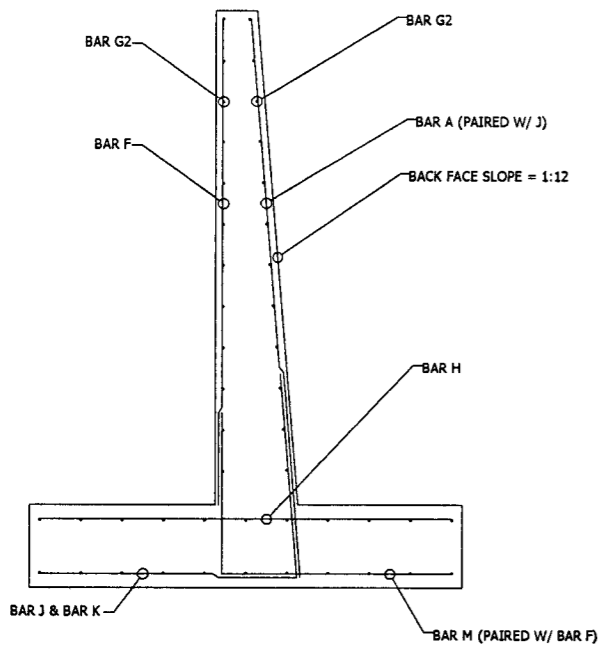
D.S. Hahn

SECTION A-A

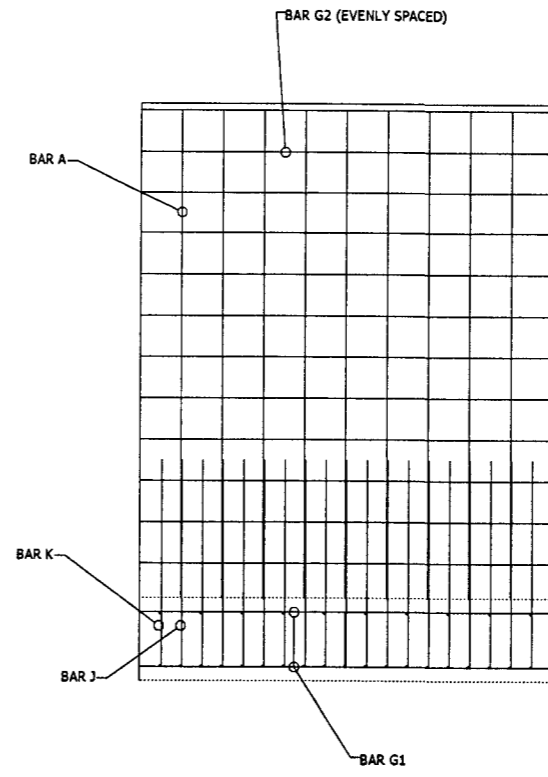
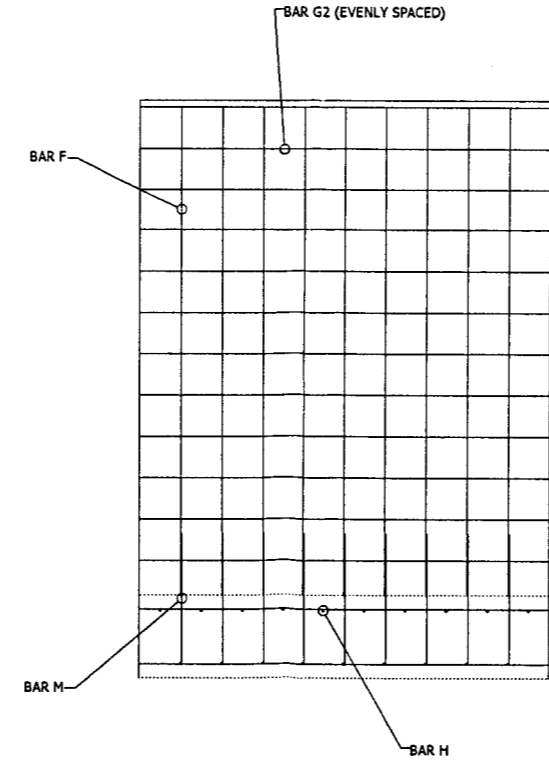
DB TARR & ASSOCIATES



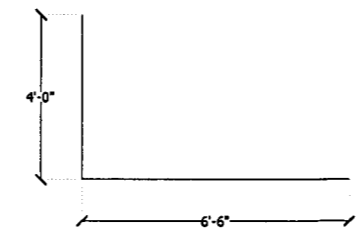
SCALE 1" = 5'



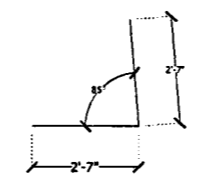
BAR LOCATIONS



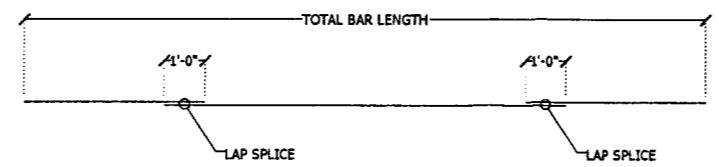
BAR LOCATION



BENDING DIAGRAM BAR M



BENDING DIAGRAM BAR J & BAR K



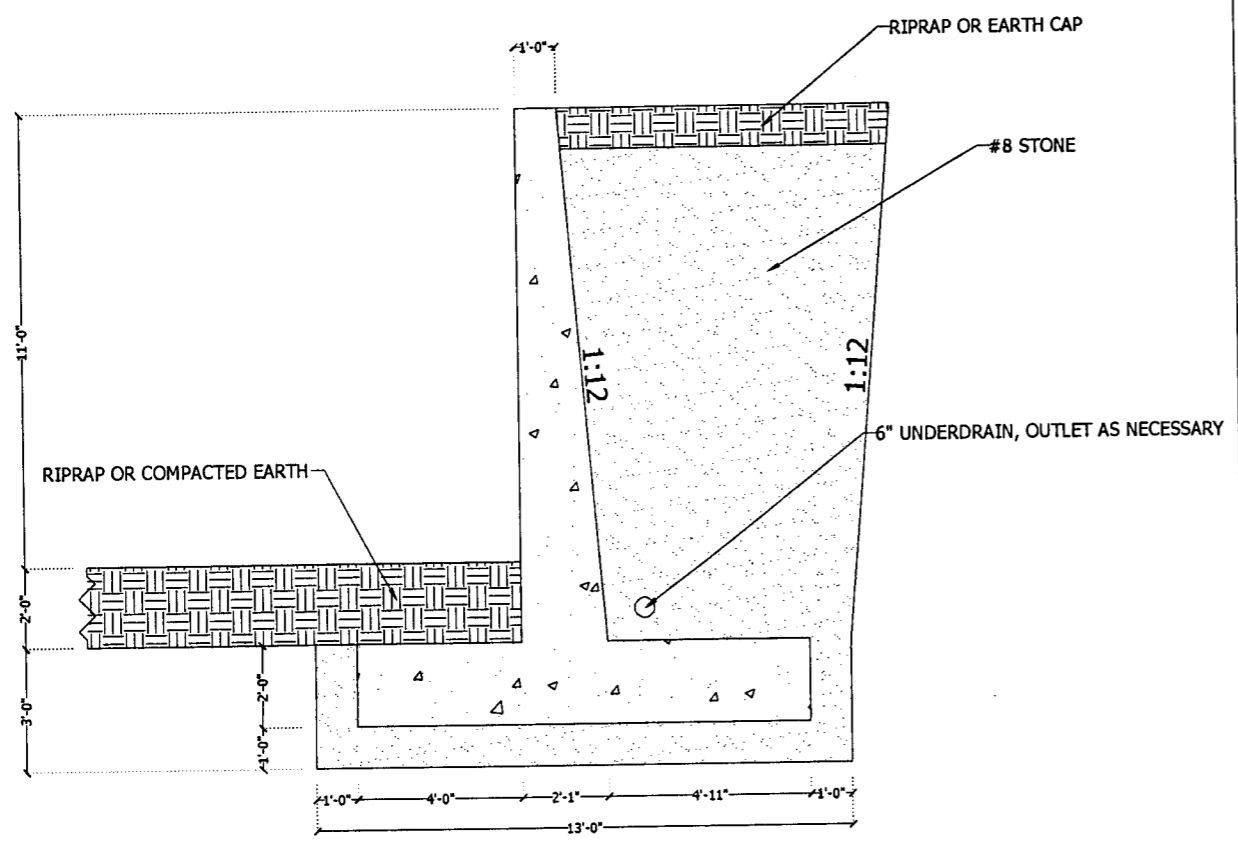
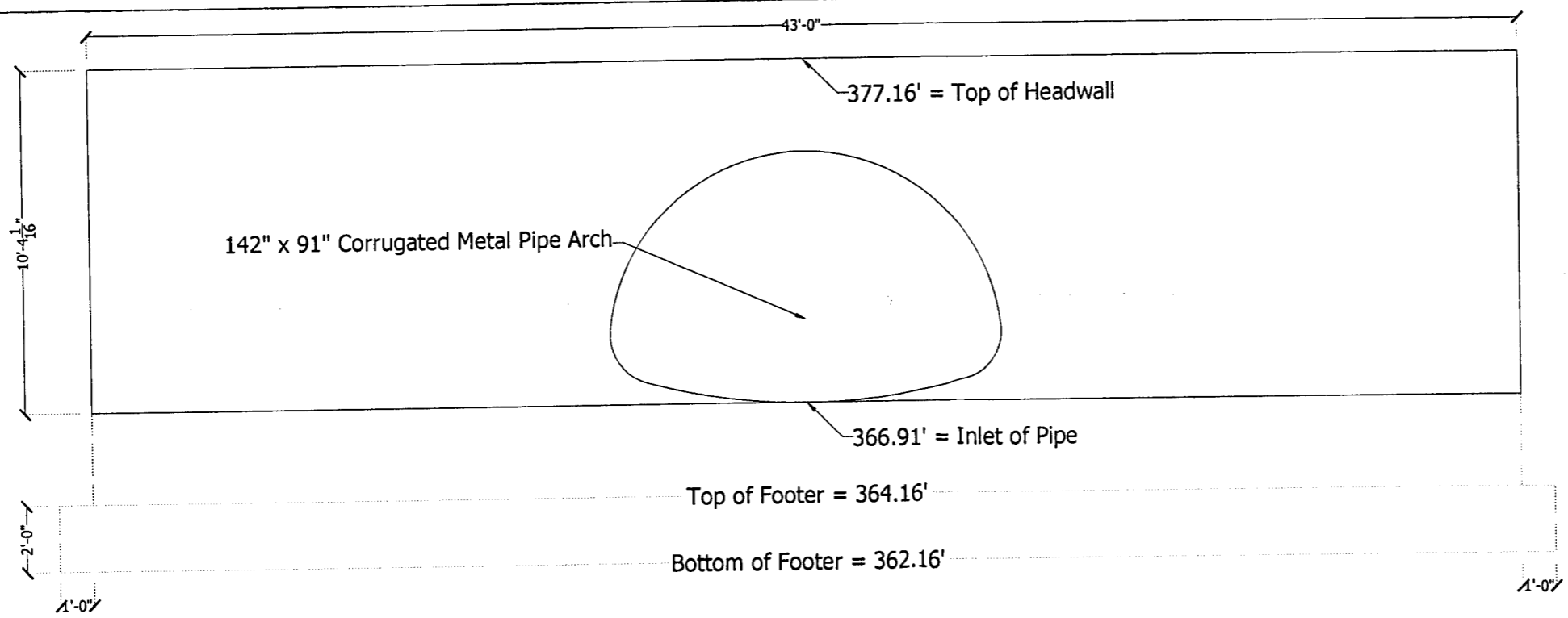
LAP SPLICE DETAIL

BAR	SIZE	SPACING	NOTES:
A	6	12"	
F	6	12"	
G1	6	12"	
G2	6	12"	
G3	6	12"	
H	6	12"	
J	6	12"	SEE BENDING DETAIL
K	6	12"	SEE BENDING DETAIL
M	6	12"	SEE BENDING DETAIL
Z			

- NOTES:
1. ALL CONCRETE SHALL BE 4000 PSI 28 DAY COMPRESSIVE STRENGTH
 2. ALL STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
 3. ALL APPLICABLE CODES AND REGULATIONS SHALL BE FOLLOWED.
 4. ALL CURRENT OSHA & IOSHA SAFETY PRECAUTIONS SHALL BE FOLLOWED.
 5. STEM OFFSET (IN.) SHALL BE EQUAL TO THE HEIGHT (FT.) DIVIDED BY 16.

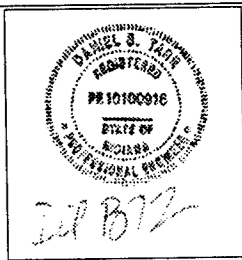
131 The Woods
Bedford, IN 47421
812-275-7577
dbtarr@insightbb.com

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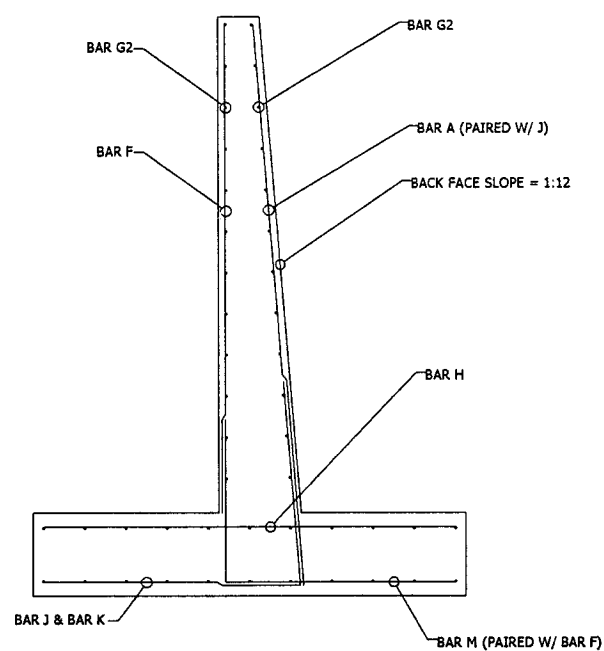


SECTION A-A

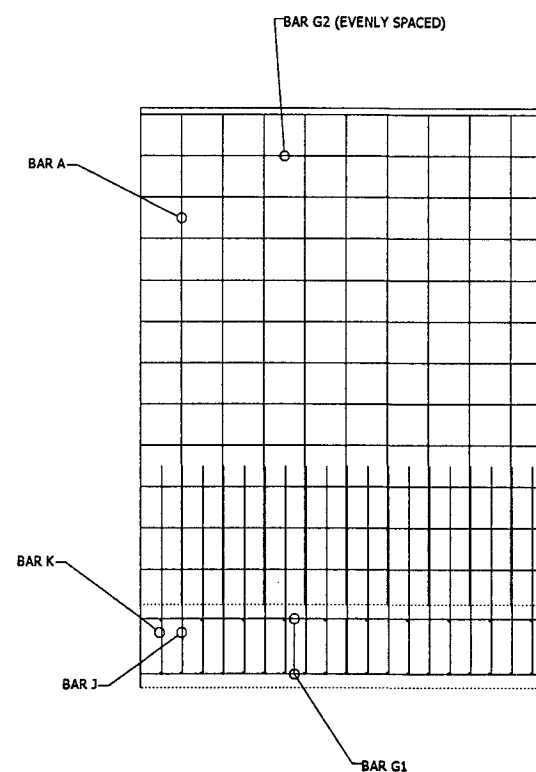
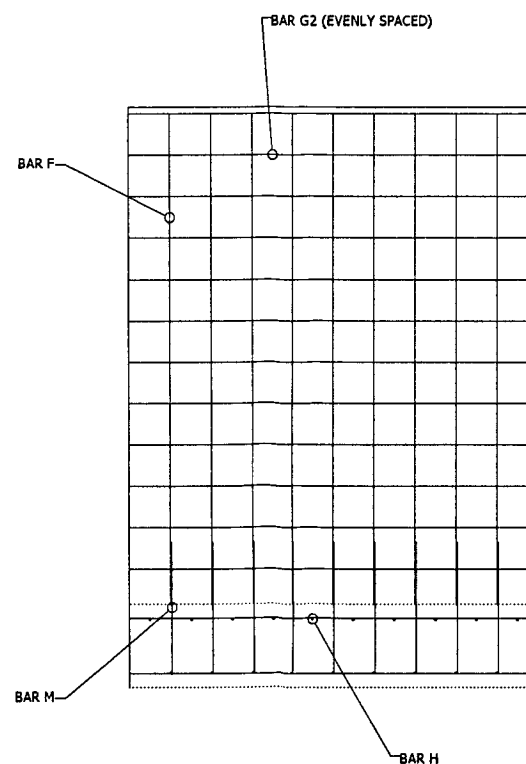
- NOTES:
1. ALL MEASUREMENTS SHALL BE FIELD VERIFIED.
 2. THE PIPE SHALL BE SET ON A 15 DEGREE SKEW.



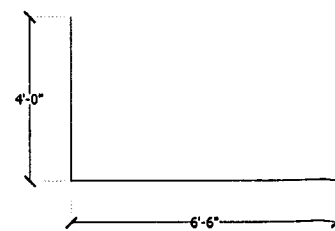
DB TARR & ASSOCIATES



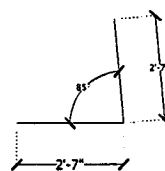
BAR LOCATIONS



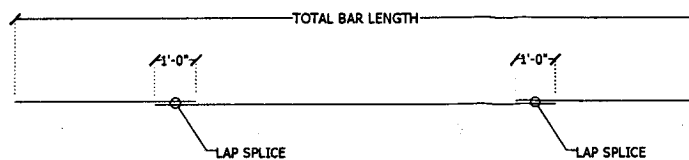
BAR LOCATION



BENDING DIAGRAM BAR M



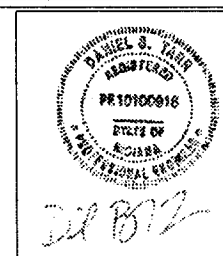
BENDING DIAGRAM BAR J & BAR K



LAP SPLICE DETAIL

BAR	SIZE	SPACING	NOTES:
A	6	12"	
F	6	12"	
G1	6	12"	
G2	6	12"	
G3	6	12"	
H	6	12"	
J	6	12"	SEE BENDING DETAIL
K	6	12"	SEE BENDING DETAIL
M	6	12"	SEE BENDING DETAIL
Z			

- NOTES:
1. ALL CONCRETE SHALL BE 4000 PSI 28 DAY COMPRESSIVE STRENGTH
 2. ALL STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
 3. ALL APPLICABLE CODES AND REGULATIONS SHALL BE FOLLOWED.
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DETAILS 208
2 APRIL 2005
SHEET P5

SCALE 1" = 20'